Gardens Point Campus
2 George Street
Postal Address: GPO Box 2434, Brisbane Q 4001
Telephone: (07) 3864 2111
Fax: (07) 3864 1510

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

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

CRICOS Institution Code
00213J
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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 28 000 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.
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 2002**

1 January  New Year’s Day
28 January  Australia Day
29 March  Good Friday
30 March  Easter Saturday
1 April  Easter Monday
25 April  ANZAC Day
6 May  Labour Day
10 June  Queen’s Birthday
14 August  Royal National Show
25 December  Christmas Day
26 December  Boxing Day

**FIRST SEMESTER 2002**

25 February - 1 March  Week 1
4 - 8 March  Week 2
11 - 15 March  Week 3
18 - 22 March  Week 4
25 - 29 March  Week 5
1 - 5 April  Vacation
8 - 12 April  Week 6
15 - 19 April  Week 7
22 - 26 April  Week 8
29 April - 3 May  Week 9
6 - 10 May  Week 10
13 - 17 May  Week 11
20 - 24 May  Week 12
27 - 31 May  Week 13
3 June  Classes in lieu of Labour Day Holiday
4 June  Classes in lieu of Good Friday Holiday
5 June  Classes in lieu of Anzac Day Holiday
3 - 7 June  Exam Preparation
10 - 14 June  Exams
17 - 21 June  Exams
24 - 28 June  Exams
1 - 5 July  Vacation
8 - 12 July  Vacation

**SECOND SEMESTER 2002**

15 - 19 July  Week 1
22 - 26 July  Week 2
29 July - 2 August  Week 3
5 - 9 August  Week 4
12 - 16 August  Week 5
19 - 23 August  Week 6
26 - 30 August  Week 7
2 - 6 September  Week 8
9 - 13 September  Week 9
16 - 20 September  Week 10
23 - 27 September  Week 11
30 September - 4 October  Vacation
7 - 11 October  Week 12
14 - 18 October  Week 13
21 October  Classes in lieu of Royal National Show Holiday
21 - 25 October  Exam Preparation
28 October - 1 November  Exams
4 - 8 November  Exams
11 - 15 November  Exams

**SUMMER PROGRAM 2002/2003**

18 - 22 November  Week 1
25 - 29 November  Week 2
2 - 6 December  Week 3
9 - 13 December  Week 4
16 - 20 December  Week 5
23 - 27 December  Vacation
30 December - 3 January  Week 6
6 - 10 January  Week 7
13 - 17 January  Week 8
20 - 24 January  Week 9
27 - 31 January  Week 10
3 - 7 February  Week 11
10 - 14 February  Week 12
17 - 21 February  Vacation/Orientation Week
24 February  First semester 2003 commences
COUNCIL

Composition, membership, powers and responsibilities of QUT Council are governed by the QUT Act 1998 (see MOPP Appendix 1). Procedures for meetings, dealing with business in Council, and establishment of committees are included in Council Procedure 1 – Conduct of meetings of Council and 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 entire management 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 advisory committees, some of which have been authorised to make decisions in respect of prescribed policy and procedural matters.

COUNCIL MEMBERSHIP

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

Vice-Chancellor
Prof R. D. (Dennis) Gibson, BSc(Hons) Hull, MSc PhD N’cle (UK), DSc CNAAN, DUniv USC, FAIM, FTSA.

Nominees of the Minister for Education
Ms G. (Glenys) Fisher, BA Qld, GradDip (IR) Qld. Commissioner, Queensland Industrial Relations Commission.

Mr K. (Keith) Hillless, BE(Elec) Qld. Managing Director and Chief Executive Officer, NRG Asia-Pacific Ltd.

Mr F. (Frank) Haly, AO, DUniv QUT, AAUQ Qld, FCA, FASA, CPA. Company Director, Deloitte Touche Tohmatsu.

Ms L. (Linda) Lavarch, LLB, GradDip (Legal Practice). Registrar, Queensland Industrial Relations Commission.


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

Mr K. (Kenneth) Smith, BSW(Hons), MSW NSW. Director-General, Queensland Department of Employment and Training.

Nominee of the Director-General of Education
Mr N. (Neil) Whittaker, Bcomm JCUM, CertCivEng QUT. Assistant Director-General, Office of Resource Services, Education Queensland.

Nominees of Council
To be announced.

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), M.S.P.D 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
To be announced.

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


Secretary
Mr K.E. (Kenneth) Baumber, BSc St Andrews Scotland, Fellow W’gong. Registrar.

Deputy Vice-Chancellor (attends by invitation)
Prof O.P. (Peter) Coaldrake, BA(Hons) James Cook, PhD Griff, FAIM, FRIPAA.

Tenure
Council serves a three-year term.

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 which have student representation as part of their membership are:

• Aboriginal and Torres Strait Islander Committee
• Academic Policies and Procedures Committee
• Appeals Committee
• Community Service Committee
• Cultural Diversity Committee
• Disability Services Committee
• Equity Board
• Intellectual Property Committee
• Outstanding Contribution Award (Academic Staff) Committee
• Outstanding Contribution Award (General Staff) Committee
• QUT Council
• Research Degrees Committee
• 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 2357. 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 R.D. Gibson, BSc(Hons) Hull, MSc PhD N’cle (UK), DSc CNAA, FAIM, FTS
Deputy Vice-Chancellor: Professor O.P. Coaldrake, BA(Hons) James Cook, PhD Grift., FAIM, FRIPA
Director, Corporate Communication: P.H. Hinton, BA Qld
Director, Academic Policy and Programs: Dr D.W. Field BSc(Hons) PhD Adel., DiplT Adel.CAE, FAIP
Manager, Oodgeroo Unit: V. Hart

ADMINISTRATIVE SERVICES DIVISION

Registrar — Head, Administrative Services: K.E. Baumber, BSc StAnd, Fellow W’gong
Director, Student Administration: R.P. Morley, BBus QIT, MAdmin Griff.
Associate Director, Operations & Systems: H. Tinsley, BBus Griff.
Associate Director, Admission & Information: H. Cook, BA UQ, BEdSt UQ, DiplEd UQ, GradDipBusAdmin BCAE
Director, Human Resources: C. Dickenson, BBus(Mgt) QIT, PhD Qld, CMAHRI
Director, Facilities Management: A. Frowd, BEng(Hons) QIT, MEngSc QIT, GradDipMgtStud RAAFC, MHEAust, CEng
Associate Director, Campus Services (Gardens Point): G.P. Abernethy, BA MPubAdmin Qld, GradDipBusAdmin QIT
Associate Director, Campus Services (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, Secretariat: S.E. Johnstone, BA ANU, DipContEd UNE
Coordinator, Equity: M.A. Kelly, BA DiplEd Qld
Student Ombudsman: Dr R. Wolff, D.Phil Oxon, BSc(Hons) Qld

FINANCE AND RESOURCE PLANNING DIVISION

Executive Director, Finance and Resource Planning: J.L. Williams, BCom UQ, GradDipLegalSt, CPA
Director, Accounting Services: P.G. Sullivan, BBus BCAE, FCPA
Corporate Planning Manager: L.L. Hawke, BA Qld, MAdmin Qld
Director of Efficiency and Audit: S Patel, BBus (Acctg)
Kelvin Grove Urban Village Project Manager: S.W. Pincus, BSc, GradDipAppEcon
Manager, Data and Analysis/SMARTA: P. Alner, BInfoTech, GradDipComm, MBus (CommSt)
Resources Manager: T.A. Leighton, BBus (Acctg), FCPA

INFORMATION AND ACADEMIC SERVICES DIVISION

Pro-Vice-Chancellor — Head, Information and Academic Services: T. Cochrane, BA Qld, MPhil Griff., AALIA
Director, Information Technology Services: N. Thelander
Director, Library Services: G.M. Austen, BA(Hons) MEd., DiplLib Canb., MBA Qld, AALIA, AIMM
Director, Teaching & Learning Support Services (TALSS): G. Hart, DipNurs BCIT, DCHN Cumberland, BA MHP PhD UNSW
Associate Director, Online Teaching Coordination, TALSS: H. Goss, DipTeach(Maths/Sci) MtGravatt CAE, BAppSci (Comp-Sci) QCU, MACS, PCP
Associate Director, TALSS: G.A. Roberts, BA(Hons) DiplEd UNSW, MScEd EducSpecialist Indiana
Manager, Central Information Services: J. Dascoli
Manager, Network Services: R.A. Gorham, BE(Hons) DiplComp-Sci Qld., MBA Deakin, MACS, AIMM
Associate Director, Library Services, Development: J. Novak
Associate Director, Library Services, Information Resources: C. Young, BA Qld., AALIA

RESEARCH AND ADVANCEMENT DIVISION

Pro-Vice-Chancellor — Head, Research and Advancement: D.G. Gardiner, BA LLM(Hons) Syd, Barrister
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: A. Poiner, BSc DiplEd BEd Psych Qld
Director of Studies, English Language Programs: I. McGregor, BA Griff, GradDipEd PGDipSoSc Qld, MEd(TESOL) UNE
Manager, International Marketing Office: Mr 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: Dr 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 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 (www.qut.edu.au/careers) is accessible to all QUT students and staff and provides:

- job listings
- graduate recruitment program vacancies
- graduate destination information
- employment preparation information
- FAQ’s
- links to useful websites

Other services to assist with employment preparation include:

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

**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 eucumenical 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 mailed out to all commencing students. It is also 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:** 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 website at: www.scg.qut.edu.au/qut-virtual

Features found within QUT Virtual include:

- online continuing and change to enrolment forms
- class timetables
- tutorial allocations
- unit outlines
- booklists
- library borrowing information

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• 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 www.scg.qut.edu.au/IAS

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

Qdial (Student Dial-in Service): provides off-campus access to the QUT Network and the Internet. The service provides direct modem access to the QUT Network, which in turn provides access to all QUT’s Network services. Qdial provides connections at speeds of up to 56K. More information about Qdial can be found at www.qut.edu.au/student/qdial.

Student Computing Helpdesk: This service provides phone support for students using Qdial, 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 to provide assistance.

SNAP: This is a laptop leasing service which offers students low cost access to state of the art notebook computers. (See the advertisement in this guide for information about the laptop rental service, SNAP).

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 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 Website 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 on the following page.

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, 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.

In certain cases, counsellors may provide a supportive, mediating and advocacy role in assisting persons with problems or difficult issues relating to general welfare.

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 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). 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: Top level, C Block
Phone 07 3864 3488

Email: counselling@qut.edu.au
Web: www.qut.edu.au/admin/counselling/counsel_home.html

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 experienced disadvantage from a disability, for example, or who...
are from a non-English speaking background. Phone 07 3864 4537.

**Health Service**

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

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

- **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.lib.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.

- **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/oodgeroo/

**Student Centre**

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

- **Carseldine**: Level 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 Administration 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
The Student Ombudsman is available to discuss queries, concerns or grievances of any nature with students, and to provide advice or assistance. This is a free and confidential service. The Student Ombudsman can also help refer students to other sources of assistance, either inside QUT or external agencies, and can become involved in resolution processes through mediation, negotiation, facilitation or representation, as appropriate.

If you have any issues concerning fair treatment, proper application of procedure or resolution of complaints, then you should not hesitate to contact the Student Ombudsman. The Student Ombudsman’s office is A117 at Gardens Point, however consultations on all campuses are available.

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, including graduates and close associates.

The Alumni web site (http://www.alumni.qut.edu.au/) 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 on-line. QUT publishes this magazine twice a year 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; and
- find out about the services and facilities that the University has to offer its Alumni.
- meet and interact with other Alumni on our alumni on-line community.

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 1657.
The QUT Cultural Precinct, located at the University’s Gardens Point campus, is also situated on one of Queensland’s most central and historically important sites. Adjacent to Brisbane’s popular City Botanic Gardens and historic Old Government House, the Precinct encompasses the QUT Art Museum, one of Australia’s most sophisticated contemporary art museums and The Gardens Theatre, with a 400 seat state-of-the-art theatre.

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

With the opening of The Goodwill Bridge for pedestrians and cyclists, the Cultural Precinct is at the very centre of a circuit of culture and recreation incorporating the Southbank precinct with its parklands and cultural centre, the city heart with its galleries and shopping, and Gardens Point itself with its Botanic Gardens, Riverstage, historic campus buildings, Parliament House and Old Government 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. The QUT Art Museum provides an elegant and sophisticated space for a small cocktail party whilst The Gardens Theatre provides an intimate performance space for both QUT Academy of the Arts presentations as well as local and visiting drama, music and dance productions.

The Cultural Precinct facilities and foyer area are available for hire (subject to availability) and a hire kit is available from the theatre manager.

**Location**
X Block, Main Drive
QUT Gardens Point

**Box Office**
The Theatre box office opens one hour prior to all scheduled performances.

**Bookings & Show Information**
For advance bookings and information on current shows, phone QTIX Dial ’n Charge on 136 246.

**What’s On**
Free program guides are available from the theatre box office or refer to program listings on the QUT web site at www.qut.com.

**Information**
Phone: (07) 3864 4213
Fax: (07) 3864 4462
Email: gardenstheatre@qut.edu.au
Web site: www.gardenstheatre.qut.edu.au

**QUT ART MUSEUM**
The QUT Art Museum is an important new 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 now 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 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 to Friday: 10am – 4pm
Saturday and Sunday: 12noon – 4pm
Closed Mondays.

**Admission**
Entry to the museum is free.

**Information**
Phone: (07) 3864 5370
Email: artmuseum@qut.edu.au
Web site: www.artmuseum.qut.edu.au
The Guild is governed by Guild Council which consists of the Executive (President, General Secretary, Education Director, International Student Services Director, Womens Services Director, Welfare Services Director, Recreation 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, queer students and postgraduate students).

The QUT Student Guild is owned and operated by and for 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 will also be able to nominate and vote for campus coordinator positions to help organise activities and services on campuses.

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

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

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 also operates several commercial services across all campuses. These consist of the Guild Fitness Centres, the Joint Sports Facility (Guild Aquatic Centre) the Guild Childcare Centres, Academic Gown Hire and the Guild Secondhand Textbook Shop.

The Guild has a presence on the web which can be accessed at www.sg.qut.edu.au. Many of the Guild’s services are listed there along with an events page where students can find out what is happening on their campus.
Section Two

Student Rules, Policies and Procedures

Student Rules, Policies and Procedures
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INTRODUCTION

As a result of an extensive review and modernisation of the University’s legislative framework, the QUT Council adopted the following Rules in July 1999. These Rules, which generally preserve the policies and procedures in place prior to the review, have been formulated to provide the least disadvantage to continuing students. If any students consider they have been disadvantaged by a change in the Rules, the student should make the case in writing to the Registrar.

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

STUDENTS ARE WARNED THAT PENALTIES (INCLUDING FINES, SANCTIONS, WITHHOLDING RESULTS, EXCLUSION OR EXPULSION) MAY BE IMPOSED ON STUDENTS WHO CONTRAVENTE 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.
• QUT’s Library Rules and Regulations.
• QUT’s Information Technology Rules and Regulations.
• all relevant QUT policies.

THE RULES

1. Application

(1) These Rules apply to all commencing, current, suspended and excluded students of QUT.

(2) “Registrar” means the University’s Chief Administrative Officer.

2. Enrolment

(1) Failure to enrol following admission

If a commencing student fails to enrol for the semester by the date specified in the University's letter of offer, the enrolment lapses and the offer of admission is withdrawn.

(2) Enrolment to conform with offer

Commencing students are required to enrol as specified in the University's letter of offer, including the specific course, and, where applicable, specific major, attendance mode and/or specific campus.

(3) Enrolment (commencing students)

A commencing student is enrolled on completion of all of the following:

(a) application for admission;
(b) acceptance of the offer of a quota place in terms of the conditions prescribed;
(c) submission of a completed enrolment form and its acceptance by the University;
(d) payment of prescribed fees (unless the Registrar has granted an extension of time for such payment and has accepted the enrolment subject to payment at a later prescribed date);
(e) submission of a completed HECS Payments Options Declaration Form (not required for international students, exempted students, students who are New Zealand citizens and some permanent residents), and
(f) completion of any other required procedures.

FORM: Enrolment Form for Commencing Students.
SOURCE: Enrolments Office, Kelvin Grove campus, or Office of International Students, Kelvin Grove campus (for international students only) or Student Centres.
SUBMIT TO: Enrolments Office, Kelvin Grove campus or Student Centres.

(4) Re-enrolment (continuing students)

A continuing student is required to lodge an enrolment form each calendar year. A continuing student is enrolled on completion of the following -

(a) submission of a completed enrolment form and its acceptance by the University;
(b) payment of prescribed fees (unless the Registrar has granted an extension of time for such payment and has accepted the enrolment subject to payment at a later prescribed date); and
(c) completion of any other required procedures, provided that the student is not subject to exclusion or termination of enrolment, or has not been refused the right to re-enrol under QUT Statute No 3 (Fees) or section 12 of these Rules for Breach of academic assessment.

Students are required to re-enrol by the published closing date. An enrolment form lodged after the closing date may be accepted at the discretion of the Registrar on payment of a late fee. Students who fail to re-enrol will be subject to cancellation of enrolment.

FORM: Enrolment Form for Continuing Students.
SOURCE: QUT Virtual (unless advice to the contrary is received from the Enrolments Office, Kelvin Grove campus).
SUBMIT TO: Follow instructions on QUT Virtual (unless advice to the contrary is received from the Enrolments Office, Kelvin Grove campus).

(5) Personal information

Students are obliged to provide personal information, including their full name, for record keeping purposes and for statistical purposes as required by the Commonwealth government.

Students who change their name from that recorded by the University must submit their request in writing together with appropriate supporting documentation, such as a birth certificate or marriage certificate, passport or driver's licence.

Students should note that the name recorded in the University's official student information system for graduation purposes, that is, on the parchment and in the graduation program, is the name recorded in their student profile on QUT Virtual. Students who wish to amend their name for graduation purposes should submit a request in writing prior to the release of results for the final semester of their course.

(6) Mailing address

Students are required to provide a reliable mailing address for correspondence with the University and must promptly notify the University of any change of address. Failure to receive a notice because of change of address is not a sufficient excuse for missing a deadline or an obligation.
The University is required by the Commonwealth Government to record for statistical purposes each student’s ‘Permanent Home Residence’. This address cannot be a PO Box, a Mail Service, or care of another person or company. QUT will not normally send mail to a student’s ‘Permanent Home Residence’.

FORM: Change to Personal Details Form (Form D).
SOURCE: Student Centres.
SUBMIT TO: Enrolments Office, Kelvin Grove campus or Student Centres.

(7) Enrolment advice

Each semester, the University provides students with enrolment advice outlining their current enrolment program. This information can be accessed on the Student Profile screens via QUT Virtual.

It is the student’s responsibility to inform the University of any discrepancy. Failure to correct an inaccurate record may have serious financial, administrative and academic consequences.

Students should refer to section 2(10) for details on the conditions for changing their current enrolment program and how to make the changes.

(8) Final Notice of Enrolment and HECS Liability

Each semester, the University provides students with a final confirmation of enrolment outlining their current enrolment program. This notification will also include the HECS liability for the semester determined by the unit enrolment on the census date for the semester (see section 8(6)).

(9) Nomination of enrolment program

(a) Maximum and minimum semester loads: Except with the approval of the dean of faculty, a full-time student will not enrol for a program which exceeds the standard credit points for a full-time semester in the course, or the number of credit points allocated to the semester of the course from which the majority of units has been selected, whichever is the greater. Except with the approval of the dean of faculty, a part-time student will enrol in a program with credit points totalling at least 35 per cent of the standard credit points for the full-time course.

International students studying on campus must enrol in a full-time program, except where part-time studies allow completion of course requirements, or where prior approval has been granted by the Manager, Office of International Students.

(b) Prerequisites, corequisites and incompatible units of study: A prerequisite unit is one which must be passed before the student proceeds to a further unit which has the prerequisite so specified. A corequisite is one which, if not previously passed, must be studied concurrently with another unit with which it is a corequisite.

A head of school may permit a student to undertake a unit without the student having passed the specified prerequisites if the head of school is satisfied that the student has the appropriate background knowledge necessary for the unit.

Enrolment in a unit of study is not permitted if a student has successfully completed any unit listed as ‘incompatible with’ the proposed unit (see unit synopsis).

(c) Right to amend enrolment programs: A course coordinator may amend a student’s enrolment program for any of the following reasons:

(i) credit points exceeding the maximum allowed;
(ii) credit points less than the minimum allowed;
(iii) timetable incompatibility;
(iv) non-compliance with course rules.

(10) Amending enrolments

(a) Change to enrolment program: Students are responsible for advising the Registrar of changes to enrolment details. Each semester the University provides students with enrolment advice on Student Profile screens via QUT Virtual, which outlines their current program. Students may then use the On-Line Change of Enrolment form, accessed through the Student Profile screens via QUT Virtual to advise of a change to their enrolment. Due dates for submissions are noted on the form and are outlined in sections 2(10)(b) and 2(10)(c). A request for addition or substitution submitted on any other document will be processed only if accompanied by a $50.00 administrative fee.

(b) Addition and substitution of units: Each semester students may submit a request to add or substitute units up to a published date. Students should refer to section 2(10)(a) for details on how to submit such a request and Appendix 5 for due dates.

Requests received after the published date are subject to payment of a late fee and must bear the written support of the unit coordinator. Requests are only approved if all of the following conditions are met:

(i) the unit coordinator has confirmed that the student may enrol in the unit after the published date; and
(ii) the student has demonstrated the existence of exceptional circumstances as determined by the Registrar or relevant course coordinator; and
(iii) the student has provided proof of payment of the late fee.

International students who wish to add units exceeding the total number of credit points previously approved, must make application through the Office of International Students to do so.

Requests submitted without written support of the unit coordinator and proof of payment of the late fee will be returned to the student unprocessed.

By due date:

FORM: On-line Change of Enrolment Form (unless advice to the contrary is received by the Enrolments Office, Kelvin Grove campus).
SOURCE: QUT Virtual (unless advice to the contrary is received from the Enrolments Office, Kelvin Grove campus).
SUBMIT TO: Follow instructions on QUT Virtual (unless advice to the contrary is received from the Enrolments Office, Kelvin Grove campus).

After due date:

FORM: Paper-based Change of Enrolment Form (Restricted) - (CR Form)
SOURCE: Student Centres
SUBMIT TO: Enrolments Office, Kelvin Grove campus, Office of International Students (for international students only) or Student Centres.

(c) Cancellation of units: Students may cancel their enrolment in units except where the cancellation results in an enrolment program which has fewer credit points than the minimum allowable, or represents a departure from a program prescribed for a student on probation. Cancellation of units where no addition of units occurs will not incur an administrative charge.

The following rules relate to the academic implications of cancelling unit enrolments. Students should refer to Appendix 5 to determine the appropriate cancellation dates. Students are also advised to refer to section 8, section 9, section 10, or to the Office of International Students, for financial implications of unit cancellation.
For single and multi-semester length units undertaken in the first or second semesters, including Brisbane Graduate School of Business units and QUT International College units, the following results are recorded:

(i) Cancellation before 2/3 of the way through the teaching period: A status of ‘Withdrawn’ is recorded against the units concerned. A ‘Withdrawn’ unit is not included in the calculation of the student’s GPA and does not appear on the student’s official academic record; or

(ii) Cancellation after 2/3 of the way through the teaching period: A result of ‘Withdrawn – Failure’ is awarded. The examiner may award a passing grade on the basis of the assessment undertaken by the student prior to cancellation.

For units undertaken in the intensive study mode, offshore programs or summer program, there may be differing, and sometimes unique, commencement dates. Students should refer to the advertised commencement date of the units. For units undertaken in these categories, the following will apply:

(i) Units with a teaching period up to two weeks:

Cancellation prior to the commencement of teaching: A status of ‘Withdrawn’ is recorded against the units concerned. A ‘Withdrawn’ unit is not included in the calculation of the student’s GPA and does not appear on the student’s official academic record.

(ii) Units with a teaching period of more than two weeks and up to six weeks:

Cancellation in the first two weeks of the teaching period: A status of ‘Withdrawn’ is recorded against the units concerned. A ‘Withdrawn’ unit is not included in the calculation of the student’s GPA and does not appear on the student’s official academic record.

(iii) Units with a teaching period of more than six weeks:

Cancellation in the first six weeks of the teaching period: A status of ‘Withdrawn’ is recorded against the units concerned. A ‘Withdrawn’ unit is not included in the calculation of the student’s GPA and does not appear on the student’s official academic record.

(iv) Cancellation after these periods:

A result of ‘Withdrawn – Failure’ is awarded. The examiner may award a passing grade on the basis of the assessment undertaken by the student prior to cancellation.

The Registrar, on advice from the Faculty, may waive the ‘fail’ result arising from late cancellation when satisfied that the cancellation was necessitated by medical, compassionate or other exceptional circumstances. Documentary evidence, such as medical certificates or statements from employers, must be submitted in support of requests.

By due date:

FORM: On-line Change of Enrolment Form (unless advice to the contrary is received by the Enrolments Office, Kelvin Grove campus).

SOURCE: QUT Virtual (unless advice to the contrary is received from the Enrolments Office, Kelvin Grove campus).

SUBMIT TO: Follow instructions on QUT Virtual (unless advice to the contrary is received from the Enrolments Office, Kelvin Grove campus).

After due date:

FORM: Paper-based Change of Enrolment Form (Restricted) - (CR Form)

SOURCE: Student Centres

(11) Change of course:

Offers of admission to commencing students specify the particular course and, where applicable, major for which the offer is made. Students are required to enrol as specified in section 2(3) and complete at least the first semester accordingly.

(a) Transfer to another course offered by the same faculty: Students who wish to transfer to:

• another course offered by the same faculty,
• from a single to a double degree in the same faculty, provided both components of the double degree are provided by the faculty,
• from one degree to another double degree where the faculty or faculties involved in the course being sought are those involved in the current course, or
• to a single component of a double degree,

may apply to do so using the Intra-Faculty Changes Form (Form I). Applications will be determined by faculties and are subject to the following prescriptions:

(i) If the application is made after completion of the first semester but before completion of the first year, the student must have met the minimum entry level, and any prerequisites, which applied for the proposed new course or major in the most recent admission period.

(ii) If the application is made after completion of the first year, the student's eligibility will be assessed according to criteria established by deans of faculties and published before the close of applications each year.

(iii) There must be a place available in the proposed course.

FORM: Intra-Faculty Changes Form (Form I).

SOURCE: Student Centres.

SUBMIT TO: Admissions Office, Kelvin Grove campus, Office of International Students (for international students only) or Student Centres.

(b) Transfer to a course offered by a different faculty: Students who wish to transfer to a course offered by a different faculty, including double degrees offered by more than one faculty, should apply as follows:

(i) in the case of an undergraduate course offered via QTAC, to QTAC;

(ii) in the case of an undergraduate course not offered via QTAC, directly to QUT using Form TS;

(iii) in the case of a postgraduate course, to the QUT Admissions Office, using Form TS; or

(iv) in the case of international students, to the QUT Office of International Students, using Form F.

(c) Change of major: Students who wish to transfer to another major within the same course may apply to do so using the Intra-Faculty Changes Form (Form I). Applications will be determined by Faculties and will be subject to the following:

(i) If the application is made after completion of the first semester but before completion of the first year, the student must have met the minimum entry level, and any prerequisites, which applied for the proposed new major in the most recent admission period.

(ii) If the application is made after completion of the first year, the student's eligibility will be assessed according to criteria established by Deans of Faculties and published before the close of applications each year.

(iii) There must be a place available in the proposed major.

FORM: Intra-Faculty Changes Form (Form I).
(d) Change of attendance mode/change of attendance type:

Offers of admission to commencing students will specify the attendance mode and attendance type for which the offer is made. Students are required to enrol as specified in section 2(3) and complete at least the first semester accordingly.

Students who wish to change to another attendance mode or attendance type may apply to do so using the form specified below by the published dates detailed in sections 2(10)(b) and 2(10)(c). Applications will be determined by faculties, and for international students, also by the Office of International Students.

By due date:

FORM: On-line Change of Enrolment Form (unless advice to the contrary is received from the Enrolments Office, Kelvin Grove campus).
SOURCE: QUT Virtual (unless advice to the contrary is received from the Enrolments Office, Kelvin Grove campus).
SUBMIT TO: Follow instructions on QUT Virtual (unless advice to the contrary is received from the Enrolments Office, Kelvin Grove campus).

After due date:

FORM: Paper-based Change of Enrolment Form (Restricted) - (CR Form)
SOURCE: Student Centres
SUBMIT TO: Enrolments Office, Kelvin Grove campus, Office of International Students (for international students only) or Student Centres.

(e) Definitions of attendance modes and attendance types:

Attendance types:

(i) Full-time students are normally those students who are enrolled for the semester in 75 per cent or more of the standard credit points for a full-time semester of the course.

(ii) Part-time students are students who are enrolled for the semester in less than 75 per cent of the standard credit points for a full-time semester of the course.

Attendance modes:

(i) Internal students are those who undertake all units of study in which they are enrolled through attendance on campus, either in Australia or at an offshore location. Attendance includes undertaking units on a block basis (one week on-campus), intensive mode (five to seven week period), flexible delivery or as per an agreed schedule for the purpose of supervision and/or instruction.

(ii) External students are classified as external when all units of study for which they are enrolled involve special arrangements whereby teaching materials, assignments, etc., are delivered to the student, and any associated attendance at the University is of an incidental, irregular, special or voluntary nature.

(iii) Multi-modal students are those who undertake at least one unit of study on an internal mode of attendance and at least one unit of study on an external mode of attendance.

(12) Transfer to another campus

Where a course is offered on more than one campus, students will be allocated to one of the campuses and will be required to attend that campus for at least the first semester. Students who wish to change to another campus may apply to do so using the Enrolment Statement (Form E). Faculties will determine applications.

(13) Exceptions

In special circumstances, deans of faculties may approve exceptions to the following policies:

(a) the requirement that commencing students enrol and complete at least the first semester of their course as specified in their offer of admission; that is, no change to course, major, attendance mode or campus before the end of the first semester of the course;

(b) the requirement in section 2(11)(a)(i) and section 2(11)(c)(i) that students who wish to transfer to another course or major within the same faculty must have met the minimum entry level which applied for the proposed new course or major in the most recent admission round.

(14) Concurrent enrolment

Concurrent enrolment in two or more QUT courses is permitted except where the total study load in a semester exceeds 48 credit points, in which case the approval of the course coordinator of each course is required.

(15) Alternative studies

Alternative studies refers to the completion of a unit or units at QUT or another tertiary institution:

(a) in place of core units listed in the course structure; or

(b) in satisfaction of elective or other requirements where the unit is not listed in a schedule of units for such purposes.

An application to undertake alternative studies requires the course coordinator to approve the nominated alternative as a valid substitute in terms of the course rules. Where the alternative studies are offered by another QUT faculty, the approval of the faculty offering the unit is required.

Where alternative studies involve units taken at QUT, the units and results will appear on the student's academic record in the normal way. Where the alternative studies are undertaken at another institution, it is the student's responsibility to provide an official statement of results from that institution. In this case, credit for the alternative studies will be given.

(16) Leave of absence

International Students: International students are not permitted to defer commencement or take leave of absence in any semester of study, except on medical grounds, evidenced by a doctor's certificate, or for compassionate reasons, such as bereavement. Students must be able to enrol in a full-time program on their return from leave. Leave of absence for any other reason contravenes current visa regulations.

All other students: Students who find that their circumstances necessitate a period of absence from their course may request leave of absence. Normally leave of absence will not be granted in the first semester of the first year of study except where the absence is necessitated by medical, compassionate or other exceptional circumstances as determined by the Registrar.

Following the first semester of the first year of study for students in undergraduate courses, except where specified in the course rules, approval of leave of absence for periods up to one year is automatic. For periods in excess of one year or for students in postgraduate courses, leave of absence is subject to approval by the relevant dean of faculty.

In cases where leave of absence is granted after the dates referred to in Appendix 5, a 'Withdrawn – Failure' result will be awarded except where the Registrar, on advice from the faculty, is satisfied that the period of leave was necessitated by medical, compassionate or other exceptional circumstances. Documentary evidence, such as medical certificates or statements from employers, must be submitted in support of requests.
At the end of the nominated period, students are sent a form with which to re-enrol. If they do not re-enrol, their leave of absence is terminated and their enrolment status is altered to ‘Cancelled’.

FORM: Leave of Absence/Course Cancellation Form (Form L)
SOURCE: Student Centres.
SUBMIT TO: Enrolments Office, Kelvin Grove campus, Office of International Students (for international students only) or Student Centres.

(17) Cancellation of enrolment

Students may cancel their enrolment in a course at any time but should take into account the provisions of section 2(10). International students who cancel their enrolment will have their student visa cancelled.

FORM: On-line-Change of Enrolment Form or Leave of Absence/Cancellation of Course Form (Form L).
SOURCE: QUT Virtual or Student Centres
SUBMIT TO: On-line submissions follow instructions on QUT Virtual. Paper based form to Enrolments Office, Kelvin Grove campus, Office of International Students (for international students only) or Student Centres.

(18) Re-admission following a period of non-attendance or exclusion

Students who wish to re-enter a course after a period of absence and who are not returning from leave of absence may apply for re-admission. Re-admission applicants who have not completed all first and second semester units listed in the course requirements for the full-time mode of an undergraduate course must satisfy the entry requirements and cut-off levels applicable for the most recent admissions period.

Students who have been excluded from a course as a result of unsatisfactory academic performance will not be considered for re-admission until at least twelve months have elapsed since exclusion. Applications require the approval of the relevant faculty academic board.

Application is made directly to the University and must be lodged by the published due date of the semester in which the student wishes to resume. The student must submit a written statement in support of the application, which should address such factors as changed circumstances, academic and/or vocational performance since exclusion, maturity and motivation.

A student who is permitted to re-enrol following a period of absence will be required to satisfy the course requirements, which apply at the time of resumption. Depending on the length of the absence and on changes to course content and structure during the intervening period, the student will not necessarily retain credit for all units completed prior to the absence. The course coordinator may require a student to repeat units that have been passed previously or to undertake additional units in order to satisfy the current course requirements.

FORM: Re-admission Form (Form R) or Application for Admission as an International Student (Form F).
SOURCE: Admissions Office, Kelvin Grove campus or Office of International Students, Kelvin Grove campus or Student Centres.
SUBMIT TO: Admissions Office, Kelvin Grove campus, Office of International Students, Kelvin Grove campus or Student Centres.

(19) Time limits for completion of courses

Students are expected to progress with minimum interruption towards completion of their course. The time limits are measured in calendar years from the first day of the first semester in which the student was enrolled. The time limits, inclusive of periods of exclusion, but exclusive of periods of approved leave of absence or other approved periods of interruption, are as follows:

(a) doctoral and masters degree courses by research - as per course requirements. Maximum time limit for part-time PhD candidature – 8 years. Extension beyond 8 years considered only in exceptional circumstances and only for no more than 1 year;
(b) graduate diplomas and masters degree courses equivalent to two years of full-time study – 6 years;
(c) graduate diplomas, honours degrees, degrees and masters degrees equivalent to one year of full-time study – 4 years;
(d) degrees, graduate diplomas and masters degrees equivalent to one and a half years of full-time study – 5 years;
(e) bachelor degrees and diploma courses – 10 years;
(f) combined degree courses – 11 years;
(g) associate degree and associate diploma courses – 7 years;
(h) graduate and advanced certificate courses – 2 years.

At the end of the academic year, students who have exceeded these time limits will be eligible for exclusions. A faculty academic board may exclude a student, place them on probationary enrolment, or apply no penalty.

Students excluded because of failure to complete a course within time limits have the right of appeal (see MOPP section 13(4)).

3. NON-AWARD STUDIES

(1) Definition

Non-award students are those who have approval to undertake certain units from an award course without enrolling in the course itself. Non-award students receive normal instruction, assessment and examination results in such units but are not admitted to undertake a complete award course.

(2) Categories

There are two categories of non-award students:

(a) cross-institution students who undertake QUT units for credit towards an award course at an Australian Commonwealth-funded institution.
(b) visiting students who undertake units from award courses for purposes of professional or personal development, or in order to meet course entry requirements (this also includes HECS-liable students wishing to undertake units additional to the requirements of their award course).

(3) Application procedure

Non-award students are required to make application for each semester in which they wish to study. Applicants are responsible for obtaining information on unit availability, suitability of their background and timetables.

An application for enrolment as a non-award student may be rejected if the applicant does not have an educational background appropriate to the unit/s applied for, or if there are insufficient places remaining in the class. An application for enrolment as a non-award student requires the approval of the relevant dean of faculty.

(a) Cross-institution students

An application for admission as a cross-institution student must be accompanied by documentary evidence from a recognised institution of higher education that the proposed unit/s are accepted for credit in a course offered by the institution.

FORM: Application for Visiting or Cross-institution Admission, Form V.
SOURCE: Student Centres.
SUBMIT TO: Admissions Office, Kelvin Grove campus, Office of International Students (for international students only) or Student Centres.

(b) Visiting students
FORM: Application for Visiting or Cross-institution Admission, Form V.
SOURCE: Student Centres.
SUBMIT TO: Admissions Office, Kelvin Grove campus, Office of International Students (for international students only) or Student Centres.

(4) Fees for non-award studies
Domestic cross-institution students are required as a condition of their enrolment to make payments under the Higher Education Contribution Scheme, and to pay fees for membership of the QUT Student Guild.

Visiting students are required to pay tuition and other fees as advised by the University. Non-payment of fees will lead to cancellation of enrolment. International visiting student fees are charged on a pro-rata basis according to the full-time course fee.

(5) Rules relating to non-award studies
Non-award students are subject to the University's student rules generally, with the exception of those relating to unsatisfactory academic performance in section 7.

Award course students may use previous visiting student studies as a basis for applying for credit under section 4. The maximum credit allowable will be determined by these rules.

Where a student is excluded from a course, the student is not permitted to enrol as a non-award student in any unit of that course, except at the discretion of the dean of faculty responsible for the course.

4. TRANSFER OF CREDIT

(1) Policy
Credit towards a QUT award may be given for assessable learning outcomes achieved through formal and/or informal learning, work-related experience and/or life experience, to an extent that is consistent with maximising student progression while maintaining established academic standards.

It is considered to be in the interest of students to facilitate their movement between institutions and between courses of various types and levels. To that end, the University has negotiated formal arrangements with a number of institutions concerning course articulation and the granting of agreed academic credit; where no such arrangement exists, applications will be considered on their individual merit and in the spirit of this policy. The course coordinator, in consultation with relevant academic staff, is responsible for approving applications for academic credit, which are not covered by formal arrangement.

Applicants may seek credit for continuing education programs. Such credit may be granted where learning outcomes relevant to the award course can be demonstrated, or where faculties have arrangements for the automatic granting of academic credit for designated continuing education programs.

FORM: Application for Academic Credit (Form AC).
SOURCE: Student Centres.
SUBMIT TO: Academic Credit Office, Kelvin Grove campus or Student Centres.

(2) Considerations
In making a determination on applications for academic credit, consideration will be given to the following - (a) Total credit available: The maximum credit which may be granted depends on the length of the University award course within which credit is sought. For courses the duration of which is two years of equivalent full-time study or greater, credit may be granted up to a limit which ensures that the student completes at least the equivalent of one year of full-time study while enrolled in a QUT award course.

For courses the duration of which is less than two years of equivalent full-time study, credit may be granted up to a limit which ensures that the student completes at least one half of the total credit points specified for the course while enrolled in a QUT award course.

(b) In practice, credit is approved progressively until -

(i) account has been taken of all assessed learning outcomes relevant to the course, or

(ii) credit has been awarded up to the credit limit specified above.

Where appropriate, a student may seek to complete an award course of a previously attended institution by enrolling in an agreed program of study at QUT as a cross-institution student. The student's previous institution must agree in advance to the proposed program of study. It is the student's responsibility to secure the agreement of the previous institution.

(c) Recency of previous studies: In determining whether credit may be granted, the University must be confident of the currency of the applicant's knowledge. An applicant cannot obtain credit for studies undertaken ten or more years previous to the date of application unless the applicant makes a special case or is assessed to establish the currency of his/her knowledge. Further, in fields where practice and technology are changing rapidly, credit may not be granted where knowledge has become dated.

(3) Forms of credit:
Three alternatives are available -

(a) Specified exemption: Specified exemption will be approved when prior learning outcomes are assessed as satisfying the objectives and requirements of the course unit or units for which credit is sought.

(b) Unspecified exemption: Where course rules permit, exemption may be given from an unspecified unit on the basis of assessed learning outcomes judged to be equally acceptable within the structure of the course.

(c) Block exemption: Where course rules permit, block exemption of a fixed number of credit points may be given on the basis of assessed learning outcomes judged to be equally acceptable within the structure of the course.

Credit may be granted on a provisional basis, in which case confirmation of the granting of credit is dependent on the student's performance in some specified part of the course.

(4) Application procedure
(a) Timing of applications: Applicants and potential applicants for entry to a QUT course who also intend to apply for academic credit should do so immediately they are in possession of all the required documentation on which that credit will be based. Applications for academic credit may be submitted before an offer of a place in the course has been received, but must be submitted before the stipulated due date for academic credit applications.

Students already enrolled in a QUT course who become eligible to apply for credit should ensure that their application is submitted before the due date for academic credit applications in any semester in which the award of credit might affect their enrolment in a particular course unit or units.
Applications for academic student credit received after the due date may not be processed in time for enrolment to be adjusted to reflect the credit granted. Applications received after the census date in any semester cannot be effective for that semester.

(b) Documentation: Applicants are responsible for providing all relevant documentation, for example, an official transcript of results and copies of the course structure and outline or syllabus of all completed course units relevant to their application for academic credit. Before doing so, applicants are encouraged to contact the course coordinator to determine which of their previous studies and other learning experiences are likely to be relevant. Undocumented applications for academic credit are not considered.

(c) Other requirements: Applicants for academic credit may be required to attend an interview or to undergo such assessment as the course coordinator may determine.

(d) Notification: Applicants are notified in writing by the Registrar of the outcome of their application.

(5) Review of credit application decisions

Applicants for academic credit who are dissatisfied with the outcome of an application may have the decision reviewed and can expect to be provided with a clear indication of the reasons for the ruling. The review procedure is set out in section 6(2).

5. ASSESSMENT

(1) Assessment policy

Students will be assessed in accordance with the published assessment policy and practices of the Faculty offering the unit.

(2) Penalties for breach of assessment rules

If a student breaches any of these section 5 assessment rules, particularly those relating to examinations, cheating and plagiarism, the student may be dealt with under section 12 Sanctions for breach of Assessment Rules.

(3) Notification of assessment requirements

A unit outline will be published and a copy made available for each student as soon as possible and no later than the second week of a teaching period. The outline will contain at least the following information:

(a) unit objectives;
(b) statements of all assessment items, including due dates;
(c) procedures to be used in determining the final grade including, where appropriate, a statement of any item/s for which a pass is required in order to gain an overall pass in the unit;
(d) procedures for reviewing the mark for an assessment item;
(e) procedures to facilitate feedback on progressive assessment during the course of a semester; and
(f) a reference to the University’s policy on plagiarism and any specific guidance to the student on the nature of the unit's assessment items.

No subsequent changes to assessment requirements will be made except by mutual agreement between the lecturer responsible for the unit and the student taking the unit. and then only if approved by the relevant head of school.

(4) Availability for examinations

Internal students must be available to undertake examinations at the relevant QUT campus throughout periods designated for centrally organised examinations and at times specified in unit outlines for School-based examinations.

External students will sit examinations at the same time as internal students; however, they undertake them at external examination centres. A student who fails to attend an examination receives no mark for the examination unless he or she is granted a deferred examination.

Examinations may be held between 8.00am and 9.00pm on weekdays, and 8.00am and 6.00pm on Saturdays.

(5) Timetables

Final timetables for centrally organised examinations will be released to students at least two weeks before exams commence.

(6) Student identification

Students must bring into the examination room and keep displayed their current Student Identification Card.

(7) Students to comply with directions

A student will comply with all directions given by the examination supervisor and all instructions to candidates set out on the examination materials or displayed in the examination room. A student's behaviour must not disturb, distract or adversely affect any other student.

(8) Entering and leaving an examination room

Students who are given permission to enter or leave an examination room will comply with any conditions relating to the grant of the permission. However, students are not permitted to leave the examination room:

(a) until half the prescribed working time has elapsed
(b) during the last 15 minutes of working time
   - unless there are exceptional circumstances such as illness.

Students, who arrive late, but before half the working time for the examination has elapsed, will normally be permitted to take the examination. However, no additional working time will be allowed unless exceptional circumstances warrant.

In the case of central examinations, the decision to grant extra time is made by the Examinations Officer, in consultation where necessary with the unit coordinator.

(9) Unauthorised material not to be brought into the examination room

Students may bring into an examination room only those materials approved for the unit under examination and indicated as such on the examination paper. All other materials are expressly prohibited unless:

(a) brought into the room with the permission of the examination supervisor; and
(b) deposited by the student directly upon entering the examination room at a place stipulated by the examination supervisor.

It is inconsequential for this rule that the unauthorised material is not related to the unit under examination.

(10) Students not to remove papers

A student will not remove from the examination room any worked scripts or other paper provided for use during the course of the examination (other than the question paper supplied where this is authorised by the examination supervisor) or other material which is the property of the University.

(11) Students not to communicate with others

During an examination a student will not communicate by word or otherwise with any other person except the examination supervisor or examiner.
(12) Cheating

Students are expected to exhibit honesty and ethical behaviour in undertaking assessment requirements of units.

Cheating is defined as any behaviour whatsoever by students in relation to any item of assessment which may otherwise defeat the purposes of the assessment.

A student will not cheat, attempt to cheat, or incite or assist other students to cheat in any assessment item.

(13) Plagiarism

A student will not plagiarise in any item of assessment.

Plagiarism is the act of taking and using another person’s work as one’s own. For the purpose of these rules any of the following acts constitute plagiarism, unless the work is appropriately acknowledged:

(a) copying the work of another student;
(b) directly copying any part of another person’s work;
(c) summarising the work of another person;
(d) using or developing an idea or thesis derived from another person’s work;
(e) using experimental results obtained by another person;
(f) incitement by a student of another to plagiarise.

Where plagiarism occurs in items of assessment contributing to the result in a unit or course, it will be regarded as, and treated in the same manner as, cheating in an examination.

(14) Deferred examinations

Students who through medical or other exceptional circumstances beyond their control are unable to attend an examination at the prescribed time or complete an examination may apply to sit for a deferred examination.

Applications for deferred examinations should include the documentation detailed in section 5(16) and should normally be submitted prior to or within three days of the examination date, depending on the circumstances.

Normally, deferred examinations are not granted to candidates who misread examination timetables.

A deferred examination is regarded as a significant concession to a student and, as such, will only be granted when a properly documented and timely case is made by the applicant. Students should not expect to be granted an unlimited number of deferred examinations.

Students will receive written notification of the outcome of their application including, where appropriate, the date, time, campus and format of the deferred examination.

FORM: Application for Deferred Examination/Special Consideration.

SOURCE: Examinations Office, Gardens Point campus or Student Centres.

SUBMIT TO: Examinations Office, Gardens Point campus or Student Centres.

(15) Special consideration of factors affecting assessment performance

Students who consider that their performance in an assessment item was adversely affected by illness or other exceptional circumstances beyond their control may apply for special consideration.

Applications for special consideration, including the documentation detailed in section 5(16), should normally be submitted prior to or within three days of the examination or the submission of the assessment item.

(16) Documentation required for deferred examination or special consideration

Students applying for a deferred examination or special consideration on medical grounds must submit a medical certificate from a registered medical or dental practitioner stating:

(a) For a deferred examination - the date on which the practitioner examined the student the nature, severity and duration of the complaint (where appropriate) that in the practitioner’s opinion the student was not fit to sit for an examination on that day.

(b) For special consideration - the date on which the practitioner examined the student the nature, severity and duration of the complaint, or the practitioner’s opinion of the effect of the complaint on the student’s ability to perform satisfactorily in the assessment item.

In the case of an application for a deferred examination, a statement that a student was ‘not fit for duty’ will not be accepted.

When applying for special consideration, a statement that a student is/was suffering from a ‘medical condition’, without supporting comments from the practitioner as to the effect of the complaint, will not allow full consideration to be given to the student.

It is preferred that the practitioner provides a statement on surgery letterhead paper, or alternatively, completes the formatted medical certificate printed on the reverse side of the application form.

Students applying for a deferred examination or special consideration on other than medical grounds must submit with the application a statutory declaration stating the disability or exceptional circumstances which -

(c) prevented or will prevent the student from sitting for the examination in the case of an application for a deferred examination; or

(d) affected the student's performance in the assessment item in the case of an application for special consideration.

Students should also supply any corroborative evidence in support of the application.

(17) Religious convictions - alternative examination sittings

Students with religious convictions, which preclude attendance at examinations in accordance with the official timetable, have the right to alternative examination arrangements. Written requests for alternative examination sittings must be submitted to the Examinations Officer within 14 days of the release of the final timetable and include supporting documentation from the religious leader on organisational letterhead.

(18) Final results - Grading Scale

Pass Grades
7 High Distinction
6 Distinction
5 Credit
4 Pass
3 Low Pass (see Note)
S1 Pass Supplementary; final grade awarded following satisfactory completion of supplementary assessment (see Note), or
S2 Satisfactory (where approved for use).

Fail Grades
2 Fail
K Withdrawn - Failure, or
U Unsatisfactory (where approved for use).
Note: A grade of 3 counts as a passing grade for the purpose of completing award requirements and fulfilling prerequisite requirements. The limit on the number of grades of 3 which may be credited towards an award is specified in Appendix 2. Grades of S3 are not regarded as equivalent to grades of 3 for these purposes.

Other Results

E Exempt
W Withdrawn

(19) Unfinalised results

The following will be recorded when a result is not finalised at the time of release of results:

A Result Unfinalised - The result will be issued when available.
SA Supplementary Assessment - Student is to undertake supplementary assessment.
DA Deferred Assessment - Student is to undertake deferred assessment.
T Assessment Continues - Studies extending over more than one semester.

(20) Grade point average

The grade point average (GPA) is a simple numerical index which summarises the student's academic performance in a course in a single semester and over the duration of the student's enrolment in the course.

The GPA is reported on the Certificate of Results and on the Statement of Academic Record. Two values of the GPA are given: the GPA for the semester and the GPA in the course.

\[
GPA = \frac{\sum (\text{credit points of unit} \times \text{numeric value of grade})}{\sum (\text{credit points of unit})}
\]

(a) The GPA calculation includes all attempts at units which are awarded a numeric grade or the result 'Withdrawn-Failure' (which is converted to a 1).
(b) Unfinalised results are not included in the calculation.
(c) Only QUT units are included (not units taken at an external institution).
(d) Only units taken after the introduction of the seven-point grading scale are included in the calculation.

(21) Release of results

Following certification by deans of faculties, results will be released at the direction of the Registrar.

(22) Notification of results

Students will be advised of results at the end of each semester and (22) Notification of results

Students will be advised of results at the end of each semester and after the completion of any summer program studies on Student Profile screens on QUT Virtual, via Esi-line and on University official noticeboards. Passing grades and unfinalised results are also published in the press.

Request for non-publication of results

Students may request to have their results withheld from public release on campus noticeboards and in the press. Application must be made no later than 30 May for first semester, 30 October for second semester and 31 December for summer program studies. The request to withhold results from public release will remain in force until revoked in writing by the student.

FORM: Application for Non-publication of Results.
SOURCE: Examination Office, Gardens Point campus or Student Centres.
SUBMIT TO: Examination Office, Gardens Point campus or Student Centres.

(23) Eligibility for graduation

Students are eligible to graduate upon completion of course requirements. A passing grade must be achieved in all units set out in the course structure, except that in certain specified units a grade of 4 or better must be obtained to satisfy the course requirements. In addition, faculty academic boards have set a limit on the number of grades of 3 that may be credited towards awards. These limits are specified in Appendix 2.

Once a student has completed course requirements, a date of completion and the student's graduation name will be recorded.

6. REVIEW OF GRADES AND ACADEMIC RULINGS

(1) Review of grades:

During the course of a semester students should discuss their progress in all coursework exercises (including examinations which form part of progressive assessment) with relevant teaching staff, and can expect to be provided with a clear indication of the extent to which they have or have not achieved the objectives set for each assessment item.

Any student who believes that an error has been made or an injustice done with regard to a final grade for a unit may request a review of the grade, to the Registrar within 14 days of the release of the results. The steps for this process are outlined below.

Where, after discussion, the student believes that an error persists or that the final grade is not a fair reflection of his or her work, the student may request a review at the end of semester following notification of the final grade.

SOURCE: Examination Office, Gardens Point campus or Student Centres.
SUBMIT TO: Examination Office, Gardens Point campus or Student Centres.

The review process may involve three steps:

Step 1 - Informal consultation

Upon notification of the final grade, a student who is dissatisfied with the grade should contact relevant teaching staff (lecturer, unit coordinator, course coordinator) and seek clarification of the reason for the grade.

Step 2 - School-level review

If a student remains dissatisfied after Step 1, or if the student is unable to make contact with relevant teaching staff, an application for a formal review may be submitted. Applications must be made on an Application for Review of Grade Form.

Applications normally must be submitted to the Registrar within 14 days of the release of the results, accompanied by appropriate information and documentation if available, and must state the specific grounds on which the application for review is based.

The Application for Review is forwarded to the head of school responsible for the unit in dispute, who determines the form of the review. The University minimally requires that any such review consider whether all items of assessment have been marked and whether the aggregate marks were compiled accurately.

The Registrar normally advises students of the outcome within 14 days of receipt of the application.

Step 3 - Faculty-level review

A student who is dissatisfied with the outcome of Step 2 may apply to the Registrar within seven days of receipt of such notification to progress to a further stage of review. The student must resubmit the Application for Review Form stating why the previ-
ous review was inadequate and may provide additional reasons or evidence for the further review.

The application is forwarded through the chairperson to the faculty review committee, which is a sub-committee of the faculty academic board, and which minimally must comprise the dean (or nominee), a member of academic staff and a student representative, appointed by the faculty academic board. The quorum of the committee is three. The committee determines whether grounds exist for the further review.

The process for Step 3 requires the faculty involved, through the relevant head of school, to reconsider the assessment of the item(s) in dispute. All such reconsiderations must be accompanied by a written rationale for the final decision reached, to ensure that due process has been observed and that a record exists of the decision.

The faculty-level review committee must endorse outcomes of such reviews. The committee determines whether reviews have been conducted appropriately, monitors the number and type of reviews conducted and reports on its activities to the faculty academic board.

The Registrar normally advises students of the outcome within 21 days of receipt of the application.

Reviews may lead to no change or to either a less favourable or more favourable outcome for the student.

Reviews of pass grades under Steps 2 and 3 involve separate fees, which are reimbursed if a higher grade is awarded following the review. Review of fail grades attracts no reimbursement of fees.

(2) Review of academic rulings

Students who have received advice of a ruling in regard to an academic matter (for example, amount of credit awarded, cancellation of units, amendment of enrolment program, refusal of application to waive prerequisite), and who wish to be provided with further information on the basis and implications of the ruling, should contact their faculty office. Faculty administration officers will provide available information in response to such a request, or arrange for the student to have further discussions as deemed appropriate in the circumstances.

If, after having received such further advice, the student believes that an error has been made or that a ruling is unjust, the student is entitled to submit an application for review. Applications must be made on an Application for Review of Academic Ruling Form.

Applications must be submitted to the Registrar within 14 days of mailing of written advice of a ruling. Applications must be accompanied by appropriate information and documentation if available, and must state the specific grounds on which the application for review is based.

Applications are referred to the relevant dean of faculty, who determines the form of the review. A review may lead to no change or to either a less favourable or more favourable outcome for the student. The Registrar advises students of the outcome of reviews.

(3) Status of students awaiting the outcome of a review

The University will make determinations on reviews as soon as practicable, but will not necessarily resolve any particular case before the close of enrolments for the next semester. Students whose appeals will not be resolved before the commencement of semester (where the delay is not the fault of the student) are permitted to enrol in units within the course of study pending the outcome of the appeal - unless advice from the dean of the faculty is received to the contrary. When the appeal is resolved, the student remains bound by the ruling and if so determined by the University, is responsible for withdrawing from nominated unit enrolments. No penalties will apply for withdrawal provided the withdrawal occurs within seven days after receiving the advice.

7. UNSATISFACTORY ACADEMIC PERFORMANCE AND EXCLUSION

(1) Policy

Students are expected to maintain a satisfactory level of performance in their studies at QUT. Such performance may be defined in University or course-specific rules. Performance is reviewed at the end of each semester. Students whose performance is unsatisfactory are placed on probationary enrolment. If performance continues at an unsatisfactory level the student may be excluded. In addition, a single failure in a unit designated as critical to students’ progress in the course may result in exclusion.

This policy applies to studies undertaken while enrolled in an award course. Non-award students are required to apply for enrolment each semester and their applications may be accepted or rejected by the Registrar on the recommendation of the relevant dean of faculty.

(2) Probationary enrolment

A student is placed on probationary enrolment if:

(a) the student fails a unit which has been failed previously; or
(b) the student fails two or more units which are cross-linked; or
(c) the student has a grade point average of less than 3.0 in the course in which he or she is enrolled.

For the purpose of this rule a unit is uniquely identified by the unit code. Where a unit code and/or title has been changed on administrative grounds, the unit will be deemed to be the same unit for the purpose of this rule.

The Registrar notifies students that they have been placed on probationary enrolment and advises them that they should discuss their progress with their course coordinator.

(3) Terms of probationary enrolment

Students on probationary enrolment are required to enrol as the course coordinator directs. Students placed on probationary enrolment at the end of first semester remain on probationary enrolment for the duration of the following semester. Students placed on probationary enrolment at the end of second semester remain on probationary enrolment for first and second semester of the following year.

If a student cancels their enrolment while on probationary enrolment, any subsequent enrolment in that course is a probationary enrolment for the purposes of defining eligibility for exclusion. The periods of probationary enrolment before and after the period of cancelled enrolment are counted as one period of probationary enrolment.

(4) Exclusion

The faculty academic board may exclude a student under the following circumstances -

(a) at the end of second semester, the faculty academic board may exclude a student who has had, or is eligible for, a second or subsequent period of probation during the year;
(b) at the end of second semester, the faculty academic board may exclude a student who has failed to achieve a satisfactory level of performance in a designated unit.

Designated units are indicated in Appendix 3 and include professional experience units, units requiring the development of particular skills and units requiring certain personal qualities. A
satisfactory level of performance in a designated unit is a grade of 3 (Low Pass) or higher, or S – Satisfactory, where appropriate.

A student who is eligible under (a) or (b) above but who is not excluded by the faculty academic board is placed on probation.

Exclusion normally applies to the course in which the student was enrolled. A faculty academic board may exclude a student from all courses or a specified group of courses offered by the faculty if the student is eligible for exclusion under (a) or (b) above and has either had at least two periods of probationary enrolment or been excluded previously from another QUT course.

The academic committee, on the recommendation of the faculty academic board, may exclude a student from all QUT courses if the faculty academic board is recommending exclusion from all the faculty’s courses and the student has been excluded previously from a course in another faculty.

An excluded student may not enrol as a non-award student in any units in the course or courses from which they have been excluded except at the discretion of the dean of the faculty responsible for the course.

Students who are excluded are notified by registered mail. Excluded students have the right of appeal to the Academic Appeals Committee.

(5) Duration of exclusion and readmission after exclusion

If a student does not appeal against an exclusion decision or if the student's appeal is not successful, the exclusion remains in force for an indefinite period of time and may only be revoked by the decision of the faculty academic board to approve an application for readmission.

An application for readmission will not be considered until at least twelve months have elapsed since the exclusion was imposed.

The student's application for readmission must be accompanied by a statement which addresses such factors as changed circumstances, academic and/or vocational performance since exclusion, maturity and motivation.

Students readmitted after a period of exclusion will be placed on probationary enrolment for first and second semester.

At the end of the academic year, the academic board of the relevant Faculty will review the academic performance of each student readmitted to the course during that year. If the student's grade point average since readmission is less than 3.5, the student may be excluded under section 7(4).

If the student is permitted to proceed with the course, in subsequent years the student is subject to the probationary rules. In administering the probationary rules, units failed prior to the period of exclusion and the grade point average prior to the period of exclusion will be taken into account.

8. HIGHER EDUCATION CONTRIBUTION SCHEME (HECS)

Under Commonwealth Government legislation, all HECS-liable students must comply with certain conditions with respect to the HECS as a condition of their enrolment. A number of changes to HECS were introduced in 1997. The most significant of these were:

- differential HECS contributions for students commencing a course of study from 1 January 1997.
- lower compulsory repayment thresholds and rates.

(1) Existing HECS rates for pre-1997 students

A student is to be regarded as pre-1997 if he or she was a contributing student (or would have been a contributing student had he or she not deferred) at QUT or at another Australian university prior to 1 January 1997. Pre-1997 students will be charged HECS under existing arrangements until the completion of their courses. Further details defining the categories of pre-1997 students are available from the Student Fees Office.

In 2001, the HECS contribution for a pre-1997 student continuing a course of study and undertaking a full-time study load is $2644 for a full year. Pre-1997 students are charged HECS under existing arrangements until the completion of their courses.

(2) Differential HECS rates for commencing students

Commencing students who are not treated as pre-1997 students are required to pay HECS at the differential HECS rates. Calculation of differential HECS liability for a unit of study is based on study load or EFTSU (Equivalent Full-time Student Unit) and the discipline classification of the unit. Discipline classification for each unit is linked to one of three HECS Band rates. To determine HECS liability, EFTSU for the semester is then multiplied by the HECS Band. Further details of HECS Band rates are available from the Student Fees Office.

(3) HECS Payment Options Declaration Form

All students (except for international students, exempted students, students who are New Zealand citizens and some permanent residents) are required to lodge the HECS Payment Options Declaration Form at the time of their initial enrolment in a course. Proof of citizenship or residency may be required when lodging this form. A new HECS Payment Options Declaration form must be lodged when a student changes course or when a student wishes to change HECS payment options. Students concurrently enrolled in more than one course are required to lodge a new HECS Payment Options Declaration form for each course.

Unless a student is exempted from HECS under the terms of Commonwealth legislation, the student must select either the Up-front payment option, the partial Up-front payment option, or the deferred option as the method for making their HECS payment.

Students who select the Up-front payment option may also choose the Safety Net provision, by providing their Tax File Number.

Students who fail to lodge a valid HECS Payment Options Declaration form by the first day of the semester of enrolment in their course will have their enrolment cancelled on the grounds that they have not fulfilled the conditions of enrolment.

(4) Australian permanent residents and New Zealand citizens

The following categories of students are required to pay HECS up-front without the 25 per cent discount and cannot select the deferred payment option:

(a) New Zealand citizens who commenced a course of study on or after 1 January 1996;
(b) New Zealand citizens who commenced a course of study prior to 1996, and who have been resident in Australia for a continuous period of less than two years;
(c) New Zealand citizens enrolling as external students resident outside Australia;
(d) Australian permanent residents residing outside Australia for the semester for a reason other than a requirement of the course;
(e) persons both granted permanent resident status on or after 1 January 1996 AND commencing a course of study on or after 1 January 1996 and who, after meeting the normal requirements for Australian citizenship, do not become
Australian citizens within 12 months of satisfying the citizenship requirements.

(5) Changing HECS payment option
Eligible students may change their HECS payment option by lodging a new HECS Payment Options Declaration form by the first day of the semester. The new payment option applies to all future semesters until a further change of payment option is notified.

(6) Notice of HECS Liability
Following the census date for a semester, students are provided with a Notice of HECS Liability for the semester which was determined by their unit enrolment on the census date. Students have 14 days from the date of the notice to advise Student Administration of any error in the notice.

(7) HECS census dates
The HECS census dates for standard semesters are -
- First semester: 31 March
- Second semester: 31 August

Census dates for non-standard semesters, including summer program, are -
- Teaching periods of less than six weeks in length: first day of teaching
- Teaching periods of more than six weeks in length: fourteenth day of teaching

A HECS liability is incurred for any unit or units cancelled after the census date.

9. STUDENT GUILD FEE RULES

(1) Membership of the Student Guild
Subject to section 9(2), all enrolled students, excepting such persons or classes of persons as QUT Council declares by resolution to be ineligible for membership, will be members of the Student Guild.

(2) Conscientious objection
An enrolled student who:
(a) declares by letter addressed to the Registrar the nature of his or her conscientious objection to being a member of the Student Guild; and
(b) notifies the Student Guild that he or she has made such declaration in writing to the Registrar; and
(c) pays to QUT an amount equivalent to the Student Guild fees which would be payable if the student were a member of the Student Guild;

is exempt from membership of the Student Guild.

(3) Fees to be paid
Student Guild fees payable for membership of the Student Guild will be the amount approved by QUT Council. Student Guild fees for both semesters will be paid in full prior to, or at the time of, submitting an Enrolment Form.

(4) Consequences of non-payment or part-payment
If Student Guild fees payable by a student have not been paid at the time of lodging an Enrolment Form, or the student has not notified the Registrar of a conscientious objection as per section 9(2), the Registrar may refuse to accept the student's enrolment.

A student who has not paid all Student Guild fees due and who satisfies the Registrar that he or she is unable to make payment at the time of submitting an Enrolment Form may be granted an extension of time in which to pay the fees. In this case the enrolment is accepted subject to an agreement that all Student Guild fees will be paid by the extended date indicated by the Registrar.

A student who has not paid the full amount of Student Guild fees due may be dealt with under section 11.

(5) Refund of fees
A student who cancels enrolment on or before 31 March for first semester, or 31 August for second semester will be entitled to a refund of the Student Guild fees for that semester. The University, on behalf of the QUT Student Guild, will make the refund. The student is required to surrender any current QUT Student Identification Card.

(6) The annual Student Guild membership fees for 2002 are:
- Full-time students: $240
- Part-time students: $120
- External students: $48

Student Guild Fees are inclusive of the Goods and Services Tax (GST).

10. STUDENT FEES

(1) Postgraduate tuition fees
Students enrolled in the courses shown in Schedule 1 to these Rules, will be required to pay the postgraduate tuition fee listed, unless they have been previously enrolled in the course on a HECS liable basis and have not exceeded the maximum time limit for completion of the course.

Students who fail to pay the invoiced amount by the due date will be charged a late fee for acceptance of the payment. Failure to pay the required fee by the semester census date will lead to cancellation of enrolment.

(2) Visiting student fees
The visiting student fees applicable to domestic students for each faculty are listed in Schedule 2 to these rules.

Students who fail to pay the invoiced amount by the due date will be charged a late fee for acceptance of the payment. Failure to pay the required fee by the semester census date will lead to cancellation of enrolment.

(3) Tuition fee refund policy (excluding international students)
For single and multi-semester units undertaken in the first or second semester, students who cancel their enrolment in the first two weeks of semester are entitled to a full refund of any fees paid. Where cancellation occurs from the third week of the semester to 31 March in the case of first semester, or 31 August in the case of second semester, an administration charge equivalent to 25 per cent of the student's assessed liability will be levied and any remaining portion of the tuition fee which has been paid will be issued as a refund. Where cancellation occurs after 31 March in the case of first semester or 31 August in the case of second semester, no refund of fees will be approved.

For units undertaken in the summer program and units undertaken in the intensive study mode, the following refund policy applies:
- students who cancel their enrolment prior to the commencement of teaching are entitled to a full refund of any fees paid;
- for teaching periods of less than six weeks in length: if cancellation occurs after the commencement of teaching, students will be financially liable for any unit or units in which they are enrolled and no refund of tuition fees will be approved;
for teaching periods of six weeks or more in length: if cancellation occurs after the commencement of teaching and before the end of the second week, an administration charge equivalent to 25 per cent of the student's assessed liability will be levied and any remaining portion of the tuition fee, which has been paid, will be issued as a refund. Where cancellation occurs after the second week of teaching students will be fully financially liable for any unit or units in which they are enrolled and no refund of fees will be approved.

The Registrar, on advice from the faculty, may waive the refund administration charge when satisfied that the cancellation was necessitated by medical, compassionate or other exceptional circumstances.

(4) Administrative charges

These charges, as listed in Schedule 3 to these Rules, are subject to review and the University reserves the right to make changes as necessary.

(5) Deposit system for use of laboratory facilities

A student enrolled in any unit included in the ‘Schedule of Units relating to Laboratory Deposits’, which the Registrar may vary from time to time, will deposit $50 for the use of laboratory facilities.

The student will be required to pay only one deposit irrespective of the number of such units included in an enrolment. At the end of the year the deposit will be refunded to the student less the cost of any breakages which have not been made good.

11. SANCTIONS FOR FAILURE TO MEET OBLIGATIONS

Students who fail to meet one or more of the following obligations:

(a) payment of prescribed fees
(b) payment of late fees
(c) payment of fines
(d) payment of a debt to the university
(e) failing to return library/faculty materials
(f) failing to comply with instructions on essential procedures

will be dealt with in accordance with QUT statutes and rules.

12. SANCTIONS FOR BREACH OF ASSESSMENT RULES

(1)

The Registrar may impose one or more of the following penalties on a student who breaches or fails to comply with the assessment rules in section 5:

(a) withholding of results;
(b) withholding of transcript of academic record;
(c) withholding of award certificate;
(d) loss of right to re-enrol, but not where the obligation is to repay a debt to the University;
(e) the award of a Low Fail result in the unit concerned;
(f) the award of Low Fail results in all units in which the student would have received final results in the same academic semester;
(g) referral to QUT Statute No. 2 (Student Discipline) 1999;
(h) exclusion from the University for a period;
(i) expulsion from the University;
(j) any combination of the above.

(2)

However, before any sanction is imposed, the Registrar will notify the person in writing and give the person seven days to provide a written statement in their defence, or details of mitigating circumstances. At the discretion of the Registrar, any notification issued under this subsection will be in writing to the person’s last known postal address, or by message to their computer account.

(3)

After considering any material supplied under section 12(2), the Registrar will determine the appropriate sanction or penalty, if any, and will advise the person in writing of the outcome. Where section 12(1)(b) (exclusion) has been applied, the Registrar must also advise the student of their right to appeal under section 13(5). At the discretion of the Registrar, any notification issued under this subsection will be in writing to the person’s last known postal address, or by message to their computer account.

(4)

Where the sanctions in section 12(1)(a), (b) and/or (c) have been imposed, a statement that the student has completed course requirements may still be provided for the purposes of seeking employment.

13. STUDENT APPEALS AGAINST EXCLUSIONS

(1) Right to appeal

Any student who has been excluded has a right of appeal.

(2) General procedure to lodge an appeal

Appeals are made in writing to the Secretary of the Academic Appeals Committee. Applications must be made on an exclusion appeal form and must include the grounds and reasons for the Appeal. Appeals must reach the Secretary of the Academic Appeals Committee within 14 days of the date of the letter which advised the student of the exclusion. The University is not obliged to consider an appeal lodged after this date.

(3) Appeals against exclusion for unsatisfactory academic performance

An appeal against exclusion for unsatisfactory academic performance is referred to the relevant Faculty Academic Board. That Academic Board recommends to the Academic Appeals Committee whether the appeal should be upheld or dismissed. The Committee considers:

(a) whether the penalty imposed and procedures followed were correct according to policy and rules
(b) the severity or otherwise of the penalty imposed
(c) mitigating circumstances advanced by or on behalf of the student in the appeal.

Appeellants may be invited to present their case to the Academic Appeals Committee at a time nominated by the Committee. An appellant may choose to be accompanied by a companion. The companion may not speak unless invited to do so by the Chair of the Committee.

When an appeal against exclusion is upheld, the student is placed on probationary enrolment for the remainder of the academic year. The decision of the Academic Appeals Committee will be final.

(4) Appeals against exclusion for failure to complete a course within time limits

An appeal against exclusion for failing to complete a course within time limits is referred to the relevant faculty academic board. The faculty academic board recommends to the Academic Appeals Committee whether the appeal should be upheld or dismissed. The Committee considers:

(a) whether the penalty imposed and the procedures followed were correct according to the relevant policies and rules
(b) the severity or otherwise of the penalty imposed
Appellants may be invited to present their case to the Academic Appeals Committee at a time nominated by the Committee. An appellant may choose to be accompanied by a companion. The companion may not speak unless invited to do so by the Chair of the Committee.

When the faculty academic board recommends that an appeal be upheld, the Board includes in its report a specified period in which the student will complete the course requirements and any units or special examinations that the student will be required to undertake.

When the Academic Appeals Committee decides that an appeal be upheld, the appeal is referred back to the Academic Board to determine conditions under which the student may complete the course. The decision of the Academic Appeals Committee will be final.

(5) Appeals against exclusion for breach of assessment rules

An appeal against exclusion for a breach of assessment rules is referred to the Academic Appeals Committee which determines whether the appeal should be upheld or dismissed. The Committee considers -

(a) whether the original penalty was correct under the relevant rules
(b) whether procedures were properly carried out
(c) the severity or otherwise of the penalty imposed.

Appellants may be invited to present their case to the Academic Appeals Committee at a time nominated by the Committee. An appellant may choose to be accompanied by a companion. The companion may not speak unless invited to do so by the Chair of the Committee. The decision of the Academic Appeals Committee will be final.

(6) Status of students awaiting the outcome of an appeal

The University will make determinations on academic appeals as soon as practicable, but will not necessarily resolve any particular case before the close of enrolments for the next semester. Students whose appeals will not be resolved before the commencement of semester (where the delay is not the fault of the student) are issued with a letter of authorisation for attendance at classes only, pending the outcome of the appeal - unless advice from the dean of faculty is received to the contrary.

If the appeal is upheld, the students will be permitted to enrol in the recommended course of study. No late enrolment penalties will apply provided enrolment occurs within seven days after receiving the advice from the University.
### POSTGRADUATE TUITION FEES

Students enrolled in courses shown below will be required to pay the postgraduate tuition fee listed, unless they are a continuing student enrolled in the course on a HECS liable basis.

#### Creative Industries

<table>
<thead>
<tr>
<th>Fee per Credit Point</th>
<th>Course Description</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>$100</td>
<td>Master of Communication Design</td>
<td>AA84</td>
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<tr>
<td>$75</td>
<td>Master of Music</td>
<td>AA95</td>
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<tr>
<td>$70</td>
<td>Master of Arts (Digital Media)</td>
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<tr>
<td>$75</td>
<td>Graduate Diploma in Dance Instruction</td>
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<tr>
<td>$75</td>
<td>Graduate Diploma in Music</td>
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<tr>
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<td>Graduate Diploma in Digital Media</td>
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<tr>
<td>$75</td>
<td>Graduate Certificate in Dance Instruction</td>
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<td>Graduate Certificate in Digital Media</td>
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<td>Graduate Certificate in Arts (Creative Writing)</td>
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<tr>
<td>$75</td>
<td>Graduate Certificate in Arts (Film &amp; Television Production)</td>
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#### Humanities and Social Services

<table>
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<tr>
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<th>Course Description</th>
<th>Fee</th>
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<tbody>
<tr>
<td>$65</td>
<td>Master of Social Science (Human Services)</td>
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<tr>
<td>$65</td>
<td>Graduate Diploma in Social Science (Human Service)</td>
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<td>$70</td>
<td>Graduate Certificate in Human Services (commencing 2002)</td>
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#### Built Environment and Engineering

<table>
<thead>
<tr>
<th>Fee per Credit Point</th>
<th>Course Description</th>
<th>Fee</th>
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<tbody>
<tr>
<td>$95</td>
<td>Master of Facilities Management</td>
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<tr>
<td>$95</td>
<td>Master of Project Management</td>
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<td>Master of Property Economics</td>
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<tr>
<td>$95</td>
<td>Master of Engineering Management</td>
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<td>Master of Engineering Science in Electricity Supply Engineering</td>
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<tr>
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<td>Graduate Diploma in Project Management</td>
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<td>Graduate Diploma in Property Economics</td>
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<td>Graduate Certificate in Geographic Information Systems</td>
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<td>Graduate Certificate in Planning</td>
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<tr>
<td>$100</td>
<td>Graduate Certificate in Designed Environments for Ageing</td>
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#### Health

<table>
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<th>Fee per Credit Point</th>
<th>Course Description</th>
<th>Fee</th>
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<tbody>
<tr>
<td>$70</td>
<td>Master of Health Science</td>
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<tr>
<td>$70</td>
<td>Master of Nursing</td>
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<td>$70</td>
<td>Master of Counselling</td>
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<td>$70</td>
<td>Master of Counselling Psychology</td>
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<td>Graduate Diploma in Psychology (Bridging)</td>
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<td>Graduate Certificate in Intensive Care Nursing</td>
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<td>Graduate Certificate in Medical/Surgical Nursing</td>
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<td>Graduate Certificate in Community Practice</td>
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<td>Graduate Diploma in Midwifery</td>
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<tr>
<td>$70</td>
<td>Graduate Certificate in Human Movement Studies (Professional Studies)</td>
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**BUSINESS**

<table>
<thead>
<tr>
<th>Fee per Credit Point</th>
<th>Course Description</th>
<th>Fee</th>
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<tbody>
<tr>
<td>$65</td>
<td>Master of Business Administration</td>
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<tr>
<td>$80</td>
<td>Master of Business Administration (Communication Studies)</td>
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<td>MBA (New Venture Management)</td>
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<td>International MBA (commencing 2002)</td>
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<tr>
<td>$140</td>
<td>Master of Business Administration (commenced 2001)</td>
<td>GS10</td>
</tr>
<tr>
<td>$140</td>
<td>Master of Business Administration (commencing 2002)</td>
<td>GS20</td>
</tr>
<tr>
<td>$120</td>
<td>Master of Business Administration (major) (commencing 2002)</td>
<td>GS96</td>
</tr>
<tr>
<td>$140</td>
<td>Executive Master of Business Administration (commencing 2002)</td>
<td>GS94</td>
</tr>
<tr>
<td>$140</td>
<td>Executive Master of Business Administration</td>
<td>GS95</td>
</tr>
<tr>
<td>$120</td>
<td>Graduate Diploma in Business Administration (admission only via articulations)</td>
<td>GS70</td>
</tr>
<tr>
<td>$120</td>
<td>Graduate Diploma in Business Administration (commenced pre-2000)</td>
<td>GS86</td>
</tr>
<tr>
<td>$140</td>
<td>Graduate Diploma in Business Administration (commenced 2000)</td>
<td>GS91</td>
</tr>
<tr>
<td>$140</td>
<td>Graduate Diploma in Business Administration (commenced 2001)</td>
<td>GS11</td>
</tr>
<tr>
<td>$160</td>
<td>Graduate Diploma in Business Administration (commencing 2002)</td>
<td>GS21</td>
</tr>
<tr>
<td>$120</td>
<td>Graduate Certificate in Management (commenced pre-2000)</td>
<td>BS30</td>
</tr>
<tr>
<td>$140</td>
<td>Graduate Certificate in Management (commenced 2000)</td>
<td>GS93</td>
</tr>
<tr>
<td>$140</td>
<td>Graduate Certificate in Management (commenced 2001)</td>
<td>GS13</td>
</tr>
<tr>
<td>$160</td>
<td>Graduate Certificate in Management (commencing 2002)</td>
<td>GS23</td>
</tr>
<tr>
<td>$120</td>
<td>Graduate Certificate in Business Administration (commenced pre-2000)</td>
<td>GS87</td>
</tr>
<tr>
<td>$140</td>
<td>Graduate Certificate in Business Administration (commenced 2000)</td>
<td>GS92</td>
</tr>
<tr>
<td>$140</td>
<td>Graduate Certificate in Business Administration (commenced 2001)</td>
<td>GS12</td>
</tr>
<tr>
<td>$140</td>
<td>Graduate Certificate in Business Administration (commenced 2002)</td>
<td>GS22</td>
</tr>
<tr>
<td>$80</td>
<td>Graduate Certificate in Business</td>
<td>BS39</td>
</tr>
</tbody>
</table>

#### Education

- ED13: Master of Education $70
- ED14: Master of Education (TESOL) $70
- ED16: Master of Education $70
- ED20: Graduate Diploma in Education (Early Childhood) $70
- ED21: Graduate Diploma in Education (Computer Education) $70
- ED23: Graduate Diploma in Education (Educational Management) $70
- ED25: Graduate Diploma in Education (Teacher-Librarianship) $70
- ED28: Graduate Diploma in Education (Learning Support) $70
- ED61: Graduate Certificate in Education (Genereal) $70
- ED67: Graduate Certificate in Education (TESOL) $70

#### Health

- HL88: Master of Health Science $70
- NS85: Master of Nursing $70
- PY12: Master of Counselling $70
- PY17: Master of Counselling Psychology $70
- HL68: Graduate Diploma in Health Science $70
- NS64: Graduate Diploma in Nursing $70
- PY08: Graduate Diploma in Psychology (Bridging) $70
- PY20: Post Graduate Diploma in Psychology $70
- PY30: Graduate Diploma in Clinical Hypnosis $70
- PY41: Graduate Diploma in Road Safety $70
- PU65: Graduate Diploma in Occupational Health & Safety $70
- PU69: Graduate Diploma in Health Promotion withdrawn
- NS41: Graduate Certificate in Emergency Nursing $70
- NS30: Graduate Certificate in Intensive Care Nursing $70
- HL38: Graduate Certificate in Health Science $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
- NS39: Graduate Certificate in Aged Care $70
- PU32: Graduate Certificate in Environmental Health $70
- PU38: Graduate Certificate in Health Services Management $70
- PU39: Graduate Certificate in Health Promotion $70
- NS32: Graduate Certificate in Nursing $70
- NS68: Graduate Diploma in Midwifery $70
- HM30: Graduate Certificate in Human Movement Studies (Professional Studies) $70
- HM33: Graduate Certificate in Exercise and Sports Nutrition withdrawn
- HM38: Graduate Certificate in Sports Studies withdrawn
- PY31: Graduate Certificate in Clinical Hypnosis Practice withdrawn
- PY32: Graduate Certificate in Clinical and Experimental Hypnosis $70
- PY40: Graduate Certificate in Road Safety $70

---

**SCHEDULE 1**

---
### Schedule 1

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>IT40</td>
<td>Master of Information Technology</td>
<td>$80</td>
</tr>
<tr>
<td>IT45</td>
<td>Master of Information Technology (Professional)</td>
<td>$80</td>
</tr>
<tr>
<td>IT50</td>
<td>Master of Information Technology (Professional)</td>
<td>$100</td>
</tr>
<tr>
<td>IT35</td>
<td>Graduate Diploma in Information Technology</td>
<td>$80</td>
</tr>
<tr>
<td>IT38</td>
<td>Graduate Diploma in Information Technology</td>
<td>$80</td>
</tr>
<tr>
<td>IT25</td>
<td>Graduate Diploma in Library and Information Studies</td>
<td>$80</td>
</tr>
<tr>
<td>IT18</td>
<td>Graduate Certificate in Information Technology</td>
<td>$100</td>
</tr>
<tr>
<td>IT91</td>
<td>Graduate Certificate in Information Technology (Software Engineering)</td>
<td>$100</td>
</tr>
<tr>
<td>IT92</td>
<td>Graduate Certificate in Information Technology (Information Security)</td>
<td>$100</td>
</tr>
<tr>
<td>IT93</td>
<td>Graduate Certificate in Information Technology (Enterprise Wide Software)</td>
<td>$100</td>
</tr>
<tr>
<td>IT95</td>
<td>Graduate Certificate in Information Technology (Project)</td>
<td>$100</td>
</tr>
<tr>
<td>IT97</td>
<td>Graduate Certificate in Information Technology (Generic)</td>
<td>$100</td>
</tr>
<tr>
<td>IT35</td>
<td>Graduate Diploma in Information Technology</td>
<td>$80</td>
</tr>
<tr>
<td>IT38</td>
<td>Graduate Diploma in Information Technology</td>
<td>$80</td>
</tr>
<tr>
<td>IT25</td>
<td>Graduate Diploma in Library and Information Studies</td>
<td>$80</td>
</tr>
<tr>
<td>IT18</td>
<td>Graduate Certificate in Information Technology</td>
<td>$100</td>
</tr>
<tr>
<td>IT91</td>
<td>Graduate Certificate in Information Technology (Software Engineering)</td>
<td>$100</td>
</tr>
<tr>
<td>IT92</td>
<td>Graduate Certificate in Information Technology (Information Security)</td>
<td>$100</td>
</tr>
<tr>
<td>IT93</td>
<td>Graduate Certificate in Information Technology (Enterprise Wide Software)</td>
<td>$100</td>
</tr>
<tr>
<td>IT95</td>
<td>Graduate Certificate in Information Technology (Project)</td>
<td>$100</td>
</tr>
<tr>
<td>IT97</td>
<td>Graduate Certificate in Information Technology (Generic)</td>
<td>$100</td>
</tr>
</tbody>
</table>

### Schedule 2

#### Visiting Student Fees

The visiting student fees applicable to domestic students are as follows:

<table>
<thead>
<tr>
<th>Category</th>
<th>Fee per credit point</th>
</tr>
</thead>
<tbody>
<tr>
<td>Students enrolled in an <strong>undergraduate</strong> unit from an existing HECS course.</td>
<td>$75</td>
</tr>
<tr>
<td>Students enrolled in an <strong>postgraduate</strong> unit offered by the Faculty of Arts, Education or Health</td>
<td>$75</td>
</tr>
<tr>
<td>Students enrolled in an <strong>postgraduate</strong> unit offered by the Faculty of Science</td>
<td>$75</td>
</tr>
<tr>
<td>Students enrolled in an <strong>postgraduate</strong> unit offered by the Faculty of Law</td>
<td>$85</td>
</tr>
</tbody>
</table>

### Schedule 3

#### Administrative Charges

- Late lodgement of application for admission: $50
- Late lodgement of enrolment form: $50
- Late addition to enrolment program: $50
- Addition to enrolment program not made on prescribed form: $50
- Reinstatement of enrolment following administrative cancellation: $100
- Copy of examination script: $10
- Statement of Academic Record: $10
- Re-issue of student ID card: $10
- Re-issue of Award Certificate: $50
- Re-issue of receipt for fees paid/statement of fees paid: $10
- Late fee for up-front HECS payment: $50
- Late fee for payment of tuition fees: $50
- Re-issue of Final Notice of Enrolment and HECS liability: $10
CREDIT TRANSFER POLICIES

1.1 Policy statement: general principles concerning transfer of credit and combined awards — Technical and Further Education; (TAFE)/QUT

There is a history of favourable credit transfer arrangements between various TAFE and QUT courses. Further, there is a general willingness on the part of TAFE and QUT to review courses to identify areas in which advanced standing, transfer of credit, efficient progression from TAFE to QUT courses and the development of combined awards might be appropriate. TAFE and QUT seek to eliminate unnecessary barriers to student progression, recognise problem areas and seek appropriate solutions and processes so that increased numbers of better educated graduates can be made available to industry.

The following principles form the substance of the agreement between QUT and TAFE in this area.

● Principles

Note: These principles apply specifically to credit transfer arrangements and combined awards between TAFE advanced diploma and diploma courses and QUT degree level courses in related fields.

(i) Course development/review: When developing and/or reviewing units with common or closely linked vocational outcomes, TAFE and QUT will work in consultation with a view to establishing automatic equivalence. Units developed in this way will give TAFE students full QUT exemptions.

(ii) Block exemptions: The awarding of block credits is given a high priority. This allows for appropriate substitution in degree courses without disadvantaging the student’s foundation in core discipline units. While a normal exemption would comprise 96 credit points (diploma or advanced diploma), in certain circumstances additional credit may be awarded.

(iii) Individual unit exemptions: Where there is a close equivalence between TAFE and QUT units and/or they have been prepared jointly, then the student will be given credit for individual units that may fall outside those already credited in any block exemption.

(iv) Maximum recognition of previously completed learning: A student should be given maximum recognition for prior learning. Credit should be given for all appropriate learning experiences.

(v) The adoption of flexible constructs for credit exemptions: Flexible constructs should be adopted to ensure that the combined credit exemptions of unit blocks, individual units and recognition of prior learning are not reduced by a pre-determined ceiling. The only limiting factor in such arrangements is standard QUT policy regarding transfer of credit.

(vi) Joint use of resources: Where appropriate and mutually beneficial, maximum utilisation of joint resources (human and physical) will be made in the development and delivery of courses.

(vii) Combined awards: Where joint arrangements could provide more effectively for the flexibility and specialisations sought by industry, the development of combined awards will be encouraged.

(viii) New articulation and credit transfer arrangements: Individuals or groups seeking to initiate any development that may lead to articulation and/or transfer of credit between TAFE and QUT are encouraged to do so through the Dean of faculty or Student Administration Project Officer.

1.2 Articulation of awards

The University considers that it is in the interest of students to facilitate their movement between courses of various types and levels. In developing new courses or revising existing courses, faculties are asked to pay particular attention to achieving close articulation between courses both within the University and between institutions/sectors (e.g. QUT and TAFE).

Specific articulation and credit transfer arrangements between levels of completed awards in related fields will normally be as follows:

● Associate degree

Upon entry to these awards, students will normally gain credit on the basis of the following:

(i) certificate – 24 credit points (0.5 semester), or
(ii) advanced certificate – 48 credit points (1.0 semester).

● Bachelor degree awards

Upon entry to these awards, students will normally gain credit on the basis of the following:

(i) associate diploma – 96 credit points (2.0 semesters), or
(ii) diploma – 96 credit points (2.0 semesters), or
(iii) advanced diploma – 96 to 192 credit points (2.0 – 4.0 semesters).

● Graduate diploma awards

Upon entry to these awards, students will normally gain credit on the basis of the following:

(i) graduate certificate – 48 credit points (1.0 semester).

● Two-year Masters degree awards

Upon entry to these awards, students will normally gain credit on the basis of the following:

(i) four-year bachelor degree at honours standard – 96 credit points (2.0 semesters) or
(ii) honours – 96 credit points (2.0 semesters), or
(iii) graduate certificate – 48 credit points (1.0 semester) or
(iv) graduate diploma – 96 credit points (2.0 semesters).

● Professional doctorate awards

Upon entry to these awards, students will normally gain credit on the basis of the following:

(i) masters degree – 48 credit points (1.0 semester).

● Doctor of philosophy awards

Upon entry to these awards, students will normally gain credit on the basis of the following:

(i) masters degree – 48 credit points (1.0 semester).

Specific articulation and credit transfer arrangements between levels of awards in related fields on the basis of incomplete studies will normally be as follows:

● Masters degree awards

Students admitted to a doctoral research award or a professional doctorate award but who either do not qualify to progress to the award or do not wish to proceed may on application be transferred to a masters degree award.
● **Graduate diploma awards**
In specifically designed masters/graduate diploma awards, students may be granted a graduate diploma on the basis of the following:

(i) masters degree by coursework — satisfactory completion of at least 96 credit points (2.0 semesters)

if they either do not qualify or do not wish to proceed to the higher level award.

● **Graduate certificate**
In specifically designed masters/graduate diploma awards, students may be granted a graduate certificate on the basis of satisfactory completion of at least 48 credit points (1.0 semester) of units which constitute an approved graduate certificate program.

1. All semester values refer to full-time or equivalent. QUT operates on standard length semesters of 48 credit points.

### APPENDIX 2

#### ELIGIBILITY FOR GRADUATION (LIMITS ON GRADES OF 3)

<table>
<thead>
<tr>
<th>Faculty of Business</th>
<th>Faculty of Information Technology</th>
</tr>
</thead>
<tbody>
<tr>
<td>Students enrolled in the Bachelor of Business (BS56) may graduate with a maximum of three grades of 3 in units totalling a maximum of 36 credit points.</td>
<td>Masters 1</td>
</tr>
<tr>
<td>Students enrolled in Faculty of Business postgraduate programs may graduate with grades of 3 in units totalling a maximum of 12 credit points.</td>
<td>Graduate Diploma 1</td>
</tr>
<tr>
<td>Students enrolled in the University Diploma in Business (BS40) may graduate with a maximum of one grade of 3</td>
<td>Graduate Certificate 1</td>
</tr>
</tbody>
</table>

**Creative Industries Faculty**

| Masters | 0 |
| Graduate Diplomas | 0 |
| Graduate Certificates | 0 |
| Honours | 0 |
| Bachelor | 3 |
| Associate Degrees | 1 |

**Faculty of Education**

| Doctor | 0 |
| Master of Education (Coursework and TESOL): | 1 |
| Master of Teaching | 2 |
| Graduate Diploma | 1 |
| Graduate Certificate | 0 |
| Bachelor* | 3 |
| * Bachelor of Education (In-service) | 1 |

**Faculty of Built Environment and Engineering**

All courses: 12.5% of total course credit points

**Faculty of Health**

| Graduate Diploma | 1 |

All other courses: 12.5% of total course credit points

**Faculty of Information Technology**

| Masters | 1 |
| Graduate Diploma | 1 |
| Graduate Certificate | 1 |
| Honours | 0 |
| Bachelor | 3 |
| Double degree* | 2 |
| Diploma | 1 |
| * Faculty of Information Technology component. |

Note that all units are assumed to be 12 credit points each.

**Faculty of Law**

| Doctor | 0 |
| Masters | 0 |
| Graduate Certificate | 0 |

All undergraduate courses: 12.5% of total course credit points

**Faculty of Science**

All courses: 12.5% of total course credit points

**Interfaculty**

| Masters | 1 |
| Graduate Diploma | 1 |

Double degrees in Education: (with a maximum of three 3s in either the discipline or education component) 4

All other double degree courses: 12.5% of each of the degree component course credit points

All other courses: 12.5% of each of the total course credit points
EXCLUSION – DESIGNATED UNITS

Creative Industries Faculty

- Bachelor of Fine Arts (Acting)
  KSB202 Acting 1
  KSB203 Acting 2
- Bachelor of Music
  KMB651 Music Performance Studies 1
  KMB652 Music Performance Studies 2
  KMB657 Music Production Studies 1
  KMB658 Music Production Studies 2
- Bachelor of Fine Arts (Visual Arts)/Bachelor of Creative Industries (Visual Arts)
  KVB740 Studio Art Practice 1
  KVB741 Studio Art Practice 2

Faculty of Health

- Bachelor of Nursing (Preregistration)
  NSB212 Clinical Practice 2
  NSB222 Clinical Practice 3
  NSB322 Clinical Practice 4
  NSB323 Clinical Practice 5
- Bachelor of Applied Science (Optometry)
  OPB553 Clinical Practice 5
  OPB653 Clinical Practice 6
  OPB752 Clinical Practice 7
  OPB753 Specialist Practice 7
  OPB852 Clinical Practice 8
  OPB853 Specialist Practice 8

REPLACEMENT AND SUBSTITUTE AWARD CERTIFICATES

A ‘replacement’ certificate is a replacement for a certificate issued originally by the Queensland University of Technology.

A ‘substitute’ certificate is a substitute for a certificate issued originally by antecedents of Queensland University of Technology (including Brisbane College of Advanced Education, Brisbane Kindergarten Teachers’ College, Kedron Park Teachers’ College, Kelvin Grove Teachers’ College, Kelvin Grove College of Teacher Education, Kelvin Grove College of Advanced Education, North Brisbane College of Advanced Education, Queensland Institute of Technology, [Queensland] Teachers’ College and the [Queensland] Teachers’ Training College).

Substitute certificates will not be issued for certificates issued originally by the Queensland Department of Education or other bodies not currently associated with higher education.

Fees for Replacement or Substitution

Replacement certificates will be issued free of charge where the original was lost or damaged in transmission or was defective. A fee will be charged in all other cases, including the issue of substitute certificates (refer to Schedule 3 to these Rules for details).

Conditions of Replacement or Substitution

Both replacement and substitute certificates will be issued subject to the following conditions:

where the original certificate has been lost in transmission or subsequently, a statutory declaration is submitted to that effect where the original certificate was defective or has been damaged, the certificate is returned payment of the prescribed fee, where applicable.

Form of Certificates

All replacement and substitute certificates will be produced on QUT proforma, and, except where a replica is issued as a replacement, will be produced using the proforma current at the time of issue of the replacement or substitute, and incorporate the signatures of the incumbent Chancellor, Vice-Chancellor and Registrar.

The student’s name on the replacement and substitute certificates will be the same as on the original certificate. Certificates will not normally be re-issued on account of a change of name. In exceptional circumstances the Registrar may approve variations to the application of this policy.

Endorsements

- Replacement certificates
  Replacement certificates will carry no endorsement where the original certificate can be replicated in every respect. The University cannot guarantee to provide replicas in every instance. However, where there has been any change in the proforma itself, the Common Seal, or the signatories, and no stock of the original is available, a replacement certificate will be endorsed as follows:

  ‘This is a replacement for a certificate issued under the Common Seal on (day, month, year appearing on original certificate)(under the name of [name appearing on original certificate]).’

- Substitute certificates
Substitute certificates will carry, as appropriate, one of the following endorsements in every case:

'This is a substitute for a certificate, (number — if known), issued on (date, month, year, appearing on original certificate) by (institution), (under the name of [name appearing on original certificate]) which was incorporated into Queensland University of Technology on 1 May 1990.'

or

'This is a substitute for a certificate issued on (date, month, year appearing on original certificate) (under the name of [name appearing on original certificate]) by Queensland Institute of Technology which became Queensland University of Technology on 1 January 1989.'

## Appendix 5

### UNIT ADDITION AND WITHDRAWAL DATES FOR 2001

<table>
<thead>
<tr>
<th>Teaching Period</th>
<th>Addition Date</th>
<th>Withdrawal Date*</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Standard First Semester</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>25 February - 31 May 2002**</td>
<td>8 March 2002</td>
<td>3 May 2002</td>
</tr>
<tr>
<td><strong>Standard Second Semester</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15 July - 18 October 2002**</td>
<td>26 July 2002</td>
<td>13 September 2002</td>
</tr>
<tr>
<td><strong>Multi-Semester</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Two or more semesters</td>
<td>8 March 2002 for units commencing in first semester. 26 July for units commencing in second semester.</td>
<td>Census date of semester of enrolment for final component (31 March or 31 August 2002 as appropriate)</td>
</tr>
<tr>
<td><strong>International College (QUTIC)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Teaching Period 1: 25 February - 31 May 2002</td>
<td>8 March 2002</td>
<td>3 May 2002</td>
</tr>
<tr>
<td>Teaching Period 3: 22 October - 1 February 2002</td>
<td>1 November 2002</td>
<td>20 December 2002</td>
</tr>
<tr>
<td><strong>Brisbane Graduate School of Business (BGSB)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6 Credit Point Modules</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Semester 1A: 4 March - 27 April 2002</td>
<td>4 March 2002</td>
<td>29 March 2002</td>
</tr>
<tr>
<td>Semester 1B: 7 May - 22 June 2002</td>
<td>7 May 2002</td>
<td>31 May 2002</td>
</tr>
<tr>
<td>Semester 2B: 10 September - 26 October 2002</td>
<td>9 September 2002</td>
<td>4 October 2002</td>
</tr>
<tr>
<td>12 Credit Point Units</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Students undertaking 12 credit point BGSB units should refer to the standard First and Second Semester dates in this schedule as applicable. For units undertaken in the Summer Program 2002/2003, the end of Week 2 is the last date for additions and the end of Week 9 will be the last day to withdraw without academic penalty.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Corporate Programs and Executive MBA

Students undertaking these programs may have differing addition and withdrawal dates to those above. Refer to your program documentation for further details.

| **Intensive Mode, Summer Program or Off-shore** | | |
| Teaching Period: Up to two weeks | First day of teaching period | Prior to the commencement of the teaching period |
| Teaching Period: More that two weeks and up to six weeks | First day of teaching period | In the first two weeks of the teaching period |
| Teaching Period: More than six weeks | First day of teaching period | In the first six weeks of the teaching period |

* Academic penalty will apply for withdrawal after these specified dates

** Some units may commence prior to this date
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
e.g. brailed or audiotaped questions, viva voce testing, signing interpreter, etc.

• Response modality
e.g. oral rather than written answers - recorded on tape, viva voce, signing, etc.

Context

• Time
e.g. extended period to answer examination, respite breaks during an examination, extra time to complete assignments, deferment without penalty, etc.

• Equipment
e.g. tape recorder, brailler, print magnifier, electric typewriter, special desk for wheelchair, adapted laboratory equipment, etc.

• Separate examination room

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

• Personal assistance
e.g. amanuensis, reader, interpreter, aide.

To support their request for alternative assessment arrangements, students may be required by the relevant lecturer and course coordinator 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, i.e. 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 (e.g. 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 (e.g. 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 recognizes 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 (e.g. 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**
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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, administrative 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 dehumanises 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.

**SEXUAL AND GENDER-BASED HARASSMENT POLICY**

QUT has adopted a policy on Equal Opportunity (see MOPP section A/8.4) to reflect its commitment to equal opportunity and freedom from all forms of discrimination in education and employment as determined by legislation or by Council.

QUT recognises the right of all students and staff to work and/or study in an environment free from sexual and gender-based harassment. Sexual harassment and discrimination on the basis of sex are unlawful and unacceptable within the University. The University acknowledges its responsibility to ensure that staff, students, and members of the University community are made aware of what constitutes unacceptable behaviour within the University and that all managers and supervisors are aware of their responsibility for ensuring the maintenance of proper standards of conduct within the University.

The University recognises also its responsibility to take prompt and effective action to deal with complaints of sexual and gender-based harassment and to ensure that all people involved in the complaint, including the complainant, the person complained about, and witnesses are treated fairly. The University will do everything in its power to ensure that people are not victimised in any way. It also recognises the responsibility of managers to take a pro-active role in dealing with any manifestations of sexual and gender-based harassment in accordance with this policy.

**Definition of harassment**

Harassment is a form of discrimination. It is offensive social behaviour which occurs particularly in staff/student or employer/employee relationships where there is a relationship of power and/or authority of one person over another.

The University recognises however that the work or study environment may also be adversely affected by sexual or gender-based harassment by peers (student/student or employee/employee) and will not tolerate such behaviour. Similarly, the University will not tolerate harassment of staff by students nor harassment by staff or students of visitors or members of the public whilst engaged in University activities.

Behaviour that is regarded as harmless, trivial or a joke may constitute sexual or gender-based harassment where such behaviour is personally offensive, humiliating or distressing to the recipient.

- **Sexual harassment**
  
  Sexual harassment is any form of offensive sexual attention that is uninvited and unwelcomed. It can be a single incident or a persistent pattern of unwelcomed behaviour, and it should be noted that the distress can be the same whether the conduct is intentional or unintentional. Although a majority of complaints of sexual harassment come from women, sexual harassment is not confined to any gender or sexuality. Sexual harassment can range from subtle behaviour to explicit demands for sexual activity or even criminal assault and includes the following:

  - inappropriate remarks with sexual connotations;
  - smutty sexual jokes;
  - the display of offensive material;
  - stares and leers or offensive hand or body gestures;
  - inappropriate posturing;
  - comments and questions about another person's sexual conduct and/or private relationships;
  - persistent unwelcome invitations;
  - requests for sexual favours;
  - offensive written, telephone or electronic mail or other computer system communications;
  - unnecessary close physical proximity including persistently following a person;
  - unwelcome physical conduct such as brushing against or touching a person;
  - actual molestation; and
  - sexual assault.

- **Gender-based harassment**
  
  Gender-based harassment is any conduct that is unwelcome because it denigrates a person on the basis of their gender. It can be a single incident or a persistent pattern of unwanted behaviour and constitutes unlawful discrimination if it can be shown that the person being harassed is being treated unfavourably on the basis of her or his sex. The term covers a range of behaviour which in its context amounts to harassment, including:

  - denigrating comments regarding a person's gender;
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• the display of written or pictorial material that denigrates a person's gender;
• negative behaviours, eg bullying, intimidating or excluding, related to the gender of the recipient; and
• expressing stereotyping, i.e. assumptions based on gender about an individual's gender, group behaviour, values, culture or ability.

Information on harassment

Information on sexual and gender-based harassment is available from the following areas:

- Equity Section;
- Human Resources Department;
- Student Administration;
- Faculty administration offices;
- Student Guild;
- Library;
- Counselling Services;
- Campus managers;

The Equity Coordinator is responsible for organising ongoing educational campaigns on sexual and gender-based harassment and for providing information to all current and new students and staff.

POLICY ON RACIAL DISCRIMINATION AND HARASSMENT

QUT has adopted a policy on equal opportunity (see MOPP section A/8.4) to reflect its commitment to equal opportunity and freedom from all forms of discrimination in education and employment, as determined by legislation or by Council.

QUT recognises the right of all students and staff to work and/or study in an environment free from all proscribed forms of discrimination and harassment, including racial discrimination and harassment.

QUT is committed to protecting the rights of both students and staff to achieve their full potential in an environment which values cultural diversity and is free from racial discrimination or harassment. As such it aims to provide an environment in which positive actions are taken to

- affirm and value cultural identity
- give due recognition to the history and experiences of the indigenous peoples of Australia, particularly through the provision of information on Aboriginal and Torres Strait Islander culture and society in the curricula of courses within discipline areas where such information is relevant
- give due recognition to its culturally diverse community through the provision of information on diverse cultures and societies in the curricula of courses within discipline areas where such information is relevant
- develop cross-cultural awareness and the active participation of staff and students in establishing a climate, within all University activities, conducive to the elimination of racial discrimination and harassment
- eliminate racial discrimination and harassment
- inform students and staff of their right to make complaints on the basis of racial discrimination and harassment, and to ensure complaints are dealt with promptly, seriously, fairly and effectively
- alert staff, students, and organisational units to their responsibilities in regard to racial discrimination and harassment, and encourage them to take an active role in opposing racial discrimination and harassment
- ensure supervisors are aware of their accountability for maintaining proper standards of conduct within their areas of responsibility

- ensure all policies and practices of the University and its organisational units take account of the aim to eliminate racial discrimination and harassment.

QUT acknowledges its responsibility to ensure that staff, students and members of the University community are made aware of what constitutes unacceptable behaviour within the University and that all managers and supervisors are aware of their responsibility for ensuring the maintenance of proper standards of conduct within the University.

QUT recognises its responsibility to deal with racial discrimination and harassment and to take prompt and effective action to deal with complaints, and to do everything in its power to ensure that all people involved in a complaint, including the complainant, the person complained about (the respondent) and witnesses are treated fairly by the University and are not victimised in any way. It also recognises the responsibility of managers to take a pro-active role in dealing with any manifestations of discrimination or harassment in accordance with this policy.

Definition of racial discrimination and harassment

Any distinction, exclusion, restriction or preference within QUT's study and work environment which is based upon race, colour, national or ethnic origin, descent, migrant status, ancestry, or nationality amounts to racial discrimination. Discrimination on the grounds of religion may in some circumstances constitute racial discrimination.

The University may however develop affirmative action programs for specific groups of people in keeping with the University's policy on equal opportunity. Affirmative action programs include strategies to provide increased opportunities for identified groups of people and to remove barriers to participation and progression in employment and education which are as a result of historical or existing disadvantage, harassment and discrimination. Affirmative action programs are therefore not included in a definition of racial discrimination and harassment.

Discrimination may be both direct and indirect. An example of direct racial discrimination would be denigrating the racial background of a student in a lecture. An example of indirect racial discrimination could be when examination timetables do not provide reasonable alternatives for clashes with religious holidays.

Discrimination includes discrimination on the basis of actual attributes (such as appearance, racial background or accent) and also includes discrimination on the basis of imputed or presumed attributes, such as unsubstantiated assumptions about a person's racial background.

Harassment is a form of discrimination. It is offensive social behaviour. The University recognises that the work or study environment may be adversely affected by racial harassment in staff/student or employer/employee relationships and between peers (student/student or employee/employee), and it will not tolerate such behaviour. Similarly, the University will not tolerate harassment by or of staff or students with respect to any other person whilst engaged in University-related activities.

Behaviour that is regarded by some as harmless, trivial, or a joke may to others constitute racial harassment when it is personally offensive, humiliating, or distressing to the recipient.

When used in this policy, the term 'racially-based' means based upon attributes which may include race, colour, national or ethnic origin, descent, migrant status, ancestry and nationality.

Racial discrimination and harassment may consist of a variety of behaviours and actions including, but not limited to the following examples

- racially-based discrimination and harassment in access to services, education, or employment opportunities
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• offensive racially-based comments made in the course of lectures and class meetings or interviews
• racially-based derogatory name calling, insults and offensive jokes
• written racially-based offensive comments by staff or students
• racially-based offensive comment in telephone or electronic mail or other computer system communications
• racially-based offensive graffiti
• distribution of racially-based offensive material
• making racially-based threats against a person or group
• display of racially-based offensive comment, eg on clothing and badges
• using University facilities to recruit students or staff to organisations or groups which advocate racial discrimination or harassment
• advocating racial or religious hatred or inciting unlawful racial discrimination.

Procedures for dealing with complaints of racial discrimination and harassment

In support of the University's policy on racial discrimination and harassment, the University has put in place procedures for dealing with complaints of racial discrimination and harassment. These procedures are described in Appendix 41 of MOPP.

Education and information provision

Information on the policy and complaints procedures for racial discrimination and harassment is available from the following

- Oodgeroo Unit
- Teaching and Learning Development Unit
- Counselling Services
- Health Services
- Equity Section
- Library
- Human Resources Department
- Student Administration Department
- Student Guild
- Campus Manager's Office
- Faculty Administration Offices.

The Equity Coordinator is responsible for organising ongoing educational campaigns against racial discrimination and harassment and for coordinating the provision of information to all new students and staff.

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).
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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 comprises six disciplines, the combination of which is unique in Australia:

- Architecture
- Interior Design
- Industrial Design
- Urban and Regional Planning
- Landscape Architecture
- Surveying

As well as these six disciplines there is a sub-discipline of Urban Design.

This combination allows the School to pursue interdisciplinary teaching, research and community service. There are approximately 1600 students across all disciplines in undergraduate and postgraduate studies and research. The School seeks to maximise opportunities for interdisciplinary work. Accordingly, students are encouraged to work in cross-disciplinary teams, to build on the strength of each discipline and do respect each other’s expertise.

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 and project management professionals and researchers. The school's courses lead to professional qualifications in construction management expertise, and ethical judgement.

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 diverse study program which has been tailored in response to the challenging demands of industry and the profession, resulting in graduates who are highly sought after. The school’s courses are a balance of theory and ‘hands on’ experience. Students are offered the choice of an ‘in-house’ or industry project. Graduates are readily employed in a wide range of fields.

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 centres and concentrations.

Research Areas

- Asset Management
- Australian Housing and Urban Research Institute (AHURI)
- Biomechanics
- Biomedical Engineering
- Computer Vision and Automation
- Construction Innovation
- Design and Construction Studies
- Electrical Energy
- Manufacturing Systems Engineering
- Physical Infrastructure
- Railway Engineering
- Rehabilitation Science and Engineering
- Renewable Energy
- Satellite Systems
- Signal Processing
- Speech, Audio and Video Technology
- Tribology and Materials Technology

SENIOR STAFF

Dean: Professor W.P. Chang, BSc(CivEng) Taiwan, MSc(CivEng) PhD N.Y.State, CPEng, FIEAust, FAIB

(Acting) Assistant Dean, Teaching and Learning: W. Boles, BSc Egypt, MSc U of Pitt U3A, PhD GradCertEd QUT, MIEEE

Assistant Dean, Research: J. Bell, BSc(Hons) Syd., PhD NSW (Acting) Assistant Dean, Student Services: K. Oloyede, PhD DIC Imperial College London, MScA, MAAS, MNY Acad Sci.

Faculty Administration Manager: M. Parker, DipTch Kedron Park, BBus(Admin) MPubPolicy QUT

School of Design and Built Environment

Head: Professor J. Hockings, BArch(Hons), PhD Qld, FRAIA

Professors:

- H. Armstrong, BSc Syd, GradDipLA, MLArch NSW, AAILA
- B.P. Lim, BArch DipT&CP PhD Syd., FRAIA, MRIBA, Reg Arch

Associate Professors:

- J. Allison, BA(Hons), GradDipLib&MInfSys, MRegSc Qld, PhD
- J.M. Franz, BAppSc(BltEnv) QIT, DipTeach TAFE, MEducSt Qld, PhD QUT, MScA RegTeach (Qld)
- P. Heywood, BA(Hons) Otfr., DipTP Manc., MRTPI, FRAPI, LGP(Qld)
- V. Popovic, DipEngArch Belgrade, MFA (Industrial Design) Ill., PhD Syd., FDA, MHS, MAES, MDRS

School of Civil Engineering

Head: Professor R.J. Troutbeck, BE (Hons) MEngSc Meltb, PhD Qld, FIEAust, MITE

Professors:

- D.P. Thambiratnam, BScEng(Hons) Ceyl, MSc PhD Maniti., FICE, FIEAust, FASCE, CPEng
- L. Ferreira, BSc Lond MSc Westminster, PhD Leeds, FIEAust, FTCT

Associate Professors:

- M. Mahendran, BScEng(Honsl) S’Lanka, PhD Monash, MIEAust, CPEng

Computer Engineering/Information Technology

Computer Engineering/Business; and Electronic Engineering/Information Technology.
School of Construction Management and Property

*Head:* Professor A.C. Sidwell, BSc(Hons) Herriot-Watt, PhD Aston, MCIOB, ARICS, FAIB, FAIQS, FIEAust

*Professors:*
- T.P. Boyd, MSc(BldgMan), PhD QUT, AAPI (CPV), ANZIV, SNZPI, MIV(SA)
- R.M. Skitmore, MSc, PhD Salford, FRICS, MCIOB, FAIB, AAIQS

**School of Electrical and Electronic Systems Engineering**

*Head:* Professor R.M. Skitmore, MSc, PhD InstNatPoly Grenoble, SMIEEE, FIREE, FIEAust

*Professors:*
- B. Boashash, BE Lyon, MSc PhD InstNatPoly Grenoble, SMIEEE, FIREE, FIEAust
- M.P. Moody, BE(Hons) BA MEngSc PhD Qld, FIEAust, FIREE, SMIEEE, MACE, MAES, RPEQ, CPEng
- Chair in Electricity Asset Management: Professor G. Ledwich, BE(Hons) Qld, PhD Newcastle, FIEAust, SMIEEE
- Chair in Telecommunications: S. Sridharan, BSc(Eng) Ceyl., MSc Manc., PhD NSW, PhD Berlin, MIEAust, CEng, MIEE, SMIEEE, CPEng
- Associate Professors: D. Birtwhistle, BEng(Hons) MSc Brd., PhD Syd., FIEAust, MIEE, CEng, CPEng
- M. Deriche, DipIng(Elect) Algeria, MSc PhD Minn., MIEE

**School of Mechanical, Manufacturing and Medical Engineering**

*Head:* Professor J.H. Evans, BEng (Hons) Sheff., MSc PhD Strath.

*Professors:*
- B. Boashash, BE Lyon, MSc PhD InstNatPoly Grenoble, SMIEEE, FIREE, FIEAust
- M.P. Moody, BE(Hons) BA MEngSc PhD Qld, FIEAust, FIREE, SMIEEE, MACE, MAES, RPEQ, CPEng

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

The Institute is a six-member consortium consisting of the CSIRO Division of Building, Construction and Engineering, the Queensland University of Technology (QUT), Monash University, the Royal Melbourne Institute of Technology (RMIT), the University of Queensland (UQ) and the University of Adelaide.

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. The outcomes of some research projects shape government policies in urban and regional development.

**Contact:** Dr J. Minnery, BSc(Hons) Cantuar, PCE London, GradDipTP Wits, MPubAdmin Qld, PhD Qld, FRAPI, MIPAA, FAIUS

**Asset Management**

Asset Management for the Electricity Industry researches the best way to maintain and improve the networks that deliver electricity. There is particular interest on how to maintain a reliable service with large numbers of low cost items of equipment over a wide area. Areas of expertise include transformer and cable monitoring, Reliability and Quality analysis, Distributed Generation and Power Electronics for customer supply quality. Projects draw upon skills in power system equipment, electronics, power system analysis, power electronics and signal processing. Research partners include Powerlink, Ergon and Energex.

**Contact:** Professor G. Ledwich, BE(Hons) Qld, PhD Newcastle, SMIEEE

**Rehabilitation Science and Engineering**

The Schools of Mechanical, Manufacturing and Medical Engineering; Human Movement Studies; and Physical Sciences share their research interests to focus on internal and external prosthetic design, manufacture and evaluation; orthotic design, manufacturing and evaluation; mechanism of skeletal adaptation and injury; evaluation of musculoskeletal loading, posture and injury prevention; medical imaging technology development, and biomaterials.

**Director:** Professor J.H. Evans, BEng (Hons) Sheff., MSc PhD Strath.

**Renewable Energy**

The Cooperative Research Centre for Renewable Energy at QUT targets research into integrated building energy systems with a long-term goal of developing a framework for constructing buildings that return as much energy to the electricity grid as they use. Areas of expertise include building energy modelling, energy use in buildings, advanced glazing materials, and daylighting systems.

**QUT Director:** Associate Professor J.M. Bell BSc(Hons) Syd., PhD UNSW

**Satellite Systems**

The QUT School of Electrical and Electronic Systems Engineering is a member of a consortium that has formed the Cooperative Research Centre for Satellite Systems (CRCSS) with major funding from the Federal and State Governments. The CRCSS is responsible for the provision of global positioning system receivers and reconfigurable computer systems.

**Manager, Northern Node:** Professor M.P. Moody, BE(Hons), MEngSc BA PhD Qld., FIEAust, FIREE, SMIEEE, MACE, MAES, RPEQ, CPEng

**Physical Infrastructure**

The School of Civil Engineering has a strong research group developing innovative approaches to the management and operation of services essential to the community such as roads, buildings, bridges, water supply systems, dams, and wastewater treatment systems. Researchers work closely with the civil engineering profession, industry and government on key projects designed to strengthen and upgrade Australia’s physical infrastructure.

**Director:** Associate Professor M. Mahendra, BScEng(Hons) PhD Monash, SMIE Aust

**Signal Processing**

Signal Processing research investigates techniques for extracting and using information from radar, sonar, biomedical and other signals. Areas of expertise are nonstationary signal analysis, higher order spectral analysis, speech processing, biomedical applications, power systems applications and mobile communications. Researchers have links with industry and government organisations including the Defence Science Technology Organisation (DSTO), the Police Services, the Australian Coal Industry Research Laboratories and US Office of Naval Research.

**Contact:** Professor B. Boashash, BE Lyon, MSc PhD Inst Nat. Poly., Grenoble, SMIEEE, FIREE, FIEAust

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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
It is not normally faculty policy to grant supplementary examinations. However, at the discretion of the Dean of Faculty, supplementary or further assessment may be permitted in cases where a student is near to the completion of their course. In such cases it is normal policy to award an ‘A’ (Result Unfinalised) and to give the student further assessment. Following satisfactory completion of this further assessment, the highest grade which may normally be awarded is a grade of S3 (Pass Conceded).

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 Rule 2(19) in the student rules section).

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

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

Master of Applied Science (Research)

Award title: Master of Applied Science (Research)
CRICOS code: 003462A
Location: Gardens Point
Course duration (full-time): 1 year
Course duration (part-time): 2 years
Discipline coordinator: Architecture - Ms Susan Savage; Construction Management, Project Management, Property Economics and Quantity Surveying - Professor Martin Skitmore; Industrial Design - Associate Professor Vesna Popovic; Interior Design - Associate Professor Jill Franz, Landscape Architecture - Professor Helen Armstrong; Surveying - Dr John Hayes; Urban and Regional Planning - Dr John Minnery.

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 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 the University Enrolments Office 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 applicants capacity to pursue the course of study. The case may be based on the following:

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

2.5 A candidate shall 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 Director of Centre, 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 48 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**
  - A minimum of two-thirds of the degree
- **Minimum coursework requirement**
  - 64 credit points
- **Maximum coursework requirement**
  - 12 credit points
- **Normal coursework requirement**
  - 24 to 36 credit points
  - Maximum of 16 credit points per semester for each semester enrolled in the program.

3.8 Components of Coursework:
(a) Compulsory requirement for all students in the faculty:
- IFN001 Advanced Information Retrieval Skills
- 4 credit points
- Attendance and Participation in School, Research Centre or Concentration Seminar/Workshop
- 12 credit points

(b) Components determined by school, research centre or concentration - core or elective
- Units assessed by formal graded assessment: 24 credit points maximum
- Maximum units assessed as satisfactory/unsatisfactory: 24 credit points maximum
- Tailor-made reading courses supervised by supervising panel or individual member of staff: 24 credit points maximum

Students must contact their course coordinator to finalise their program.

4. Period of Time for Completion of Course of Study
4.1 The duration of study for candidates with four years of relevant study at tertiary level will normally be a maximum of one year and a maximum of two years or the part-time equivalent. Candidates who do not have a four-year degree or its equivalent will normally need to undertake a year of full-time coursework or equivalent whilst enrolled in the research degree.

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 graduate full-time 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 graduate part-time 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 exclusion by registered mail. They have right of appeal to the Academic Appeals Committee.

5. Supervision
5.1 The Faculty Research Committee shall appoint two or more supervisors with appropriate experience in respect of each candidate. One shall be nominated as the Principal Supervisor and others as Associate Supervisors. The supervisors shall form a Thesis Panel.

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 Thesis Panel shall supervise all aspects of the candidate’s work program, shall receive reports from the candidate on progress and shall recommend 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 Thesis Panel shall receive a formal oral and written report from the candidate at least once every semester on progress on the research project.

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 Director of Centre in which the study is proposed 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 or centre 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 director of centre in which the study is proposed 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/centre 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 jointly 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 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.

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

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

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

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

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

■ Master of Engineering (Research and Thesis) (BN72)
Award title: Master of Engineering
CRICOS code: 003465J
Location: Gardens Point
Course duration (full-time): 1 year
Course duration (part-time): 2 years
Discipline coordinator: Civil Engineering - Assoc Prof Mahen Mahedran, Electrical and Electronic Systems Engineering - Professor Sridha Sridharan, Mechanical Manufacturing and Medical Engineering - Professor Mark Peary.

Course Notes
Refer to BN71 for notes specific to this course.

■ Master of Built Environment (Urban Design) (BN73)
Award title: Master of Built Environment
CRICOS code: 003475G
Location: Gardens Point
Course duration (full-time): 1 year plus one full-time Summer Semester
Course duration (part-time): 1.5 years plus 1 year part-time
Masters Level Studies
Total credit points: 144
Course coordinator: Dr Danny O’Hare

Entry requirements
A grade point average of 5 or better in the Graduate Diploma in Urban Design. Applicants may be granted provisional entry to these courses with a modified enrolment program on the basis of alternative academic or professional attainments. Some applicants may be required to undertake a qualifying program of up to 48 credit points to develop design literacy and graphic skills. A three-module Summer unit is available as a minimum requirement for this purpose at AUD$260/module. Computer Literacy is also required.

Articulation to the Masters Program from the Graduate Diploma in Urban and Regional Design
Applicants are considered initially for acceptance in the Graduate Diploma in Urban Design. At the completion of one semester for full-time students and at the completion of two semesters for those studying part-time, students will be considered for enrolment in the Master of Built Environment (Urban Design). A grade point average of 5.0 or better in the course is normally required for progression to the Masters level.

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.
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. The course may be completed full-time or part-time (or a combination of both) by internal course work of semester units.

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 at the end of second semester full time or three 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 $260 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
OR
PSN214 Elective
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 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 Structure
Semester 1
MEN177 Total Quality Management
MEN289 Engineering Project Management
MEN171 Advanced Manufacturing Technologies
MEN190/1 Project
MEN241 Reliability and Maintenance Management

Semester 2
MEN172 Cost Analysis and Asset Management
MEN170 Systems Modelling and Simulation
MEN175 Energy and Environmental Management
MEN190/2 Project
MEN272 Enterprise Resource Planning

Master of Engineering Science (Civil Engineering Studies) (CE75)
Award title: Master of Engineering Science (Civil Engineering Studies)
CRICOS code: TBA
Location: Gardens Point
Course duration (full-time): 1 year
Course duration (part-time): 2 years
Total credit points: 96

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
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
MEN280 Engineering Project Management

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
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. Please note: CEP150 is offered only if fully supported by an employer, students must seek Course Coordinator approval before enrolling.

Band 2 - Semester 1
CEP127 Road and Traffic Engineering
CEP142 Water Pollution Control
CEP150 Engineering Investigation Project
CEP176 Engineering Practice 1
CEP218 Transportation Engineering
CEP291 Environmental Law and Assessment
CEP293 Pavement Design

Please note: Students must consult with Course Coordinator before enrolling in CEP176.
BUILT ENVIRONMENT AND ENGINEERING

Band 2 - Semester 2
CEP141 Studies in Environmental Engineering
CEP150 Engineering Investigation Project
CEP151 Road Safety Audit
CEP175 Pavement Maintenance Rehabilitation and Recycling
CEP216 Advanced Traffic Engineering
CEP292 Engineering Practice 2

Band 3 Project
Students may complete their 24 credit point 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

■ Master of Engineering Science (Civil) (CE74)
Award title: Master of Engineering Science (Civil)
CRICOS code: 020300M
Location: Gardens Point
Course duration (full-time): 1 year (subject to Course Coordinator’s approval)
Course duration (part-time): 2 years
Total credit points: 96
Standard credit points per semester (part-time): 24
Course coordinator: Mr Yin Foong

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

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

Master of Engineering Science (Civil)
SEMESTER 1
CEP294 Engineering Contract Development and Administration
Elective
SEMESTER 2
CEP201 Process Modelling
Elective
SEMESTER 3
CEP997 Project
Elective
SEMESTER 4
CEP997 Project
Elective
#The School reserves the right to offer these units according to enrolment quotas and staff availability.

Environmental Engineering Major
SEMESTER 1
CEP291 Environmental Law and Assessment
Elective
SEMESTER 2
CEP141 Studies in Environmental Engineering
Elective
SEMESTER 3
Project
Elective

SEMESTER 4
Project
Elective
#The School reserves the right to offer these units according to enrolment quotas and staff availability.

Transportation Engineering Major
SEMESTER 1
CEP218 Transportation Engineering
Elective
SEMESTER 2
CEP216 Advanced Traffic Engineering
Elective
SEMESTER 3
Project
Elective
SEMESTER 4
Project
Elective
#The School reserves the right to offer these units according to enrolment quotas and staff availability.

Electives - Semester 1
CEP127 Road and Traffic Engineering
CEP142 Water Pollution Control
CEP150 Engineering Investigation Project
CEP176 Engineering Practice 1
CEP201 Process Modelling
CEP218 Transportation Engineering
CEP291 Environmental Law and Assessment
CEP293 Pavement Design
NB. CEP150 is offered only if fully supported by an employer, and CEP176 may not be offered every semester. Advice must be sought from the Course Coordinator before enrolling.

Electives - Semester 2
CEP141 Studies in Environmental Engineering
CEP143 Biological Treatment Processes
CEP150 Engineering Investigation Project
CEP151 Road Safety Audit
CEP175 Pavement Maintenance Rehabilitation and Recycling
CEP201 Process Modelling
CEP216 Advanced Traffic Engineering
CEP292 Engineering Practice 2
CEP295 Civil Engineering Management in A Project Environment
NB. CEP150 is only offered if fully supported by an employer and CEP292 may not be offered every semester. Advice must be sought from the Course Coordinator before enrolling.

■ Master of Engineering Science (Computer and Communication Engineering) (EE76)
Award title: Master of Engineering Science (Study Area A)
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 (EE66) may upgrade by undertaking further study in the Master of Engineering Science (Computer & Communications Engineering) and be given credit for the units which they have completed at graduate diploma level. The structure of the course dictates that this upgrade program be undertaken on a part-time basis.

Students undertaking the Masters Upgrade Program will enrol in the following units:
EEP301/1 Project
EEP301/2 Project.
Course Structure
Masters students select a total of six units from Semester 1 and Semester 2 lists and must complete a 24 credit point project (EEP301).

Semester 1
EEP101 Algorithms For Control and Engineering
EEP126 Communications Digital Signal Processing
EEP137 Advanced Topic A
EEP102 Unix and C For Engineers
EEP103 Computer Hardware and Interfacing
EEP124 Data Communications
EEP301/1 Project

Semester 2
EEP104 Real-Time Operating Systems
EEP135 Digital Signal Processing and Applications
EEP123 Process Control and Robotics
EEP128 Detection and Estimation
EEP127 Advanced Topic B
EEP129 Image Processing and Computer Vision
EEP120 Networks and Distributed Computing
EEP301/2 Project

For EEP127 and EEP137
With approval of the Course Coordinator, students may enrol in appropriate units from other Schools within QUT.

■ Master of Engineering Science (Electrical Engineering Studies) (EE77)
Award title: Master of Engineering Science (Electrical Engineering Studies)
CRICOS code: TBA
Location: Gardens Point
Course duration (full-time): 1 year
Course duration (part-time): 2 years
Total credit points: 96

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
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
MEN280 Engineering Project Management

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
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 Electrical and Electronic Systems Engineering units are offered as electives within EE65/66/67, and may be cancelled due to insufficient enrolment numbers.

Band 2 - 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

Band 2 - 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
EEP127 Advanced Topic B

Band 3
Students must complete their 24 credit point project over one or two semesters (summer is an option) by enrolling in the following two 12 cp project units:
EEP301/1 Project
EEP301/2 Project

■ 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: Associate Professor 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
Year 1, Semester 1
12 Units (selected from List)
Year 1, Semester 2
EEP230 Thesis A
EEP231 Thesis B
6 Units (selected from List)
Students must complete 100 days of supervised professional practice. The thesis is related to this industry experience.

List 1, Semester 1
EEP230 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
EEP212 Advanced 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 of The ESI
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
### Master of Engineering Science (Mechanical Engineering Studies) (ME80)

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

**CRICOS code:** TBA

**Location:** Gardens Point

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

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

**Total credit points:** 96

**Course Structure**
The flexible Master of Engineering Science (Mechanical Engineering Studies) program allows students to choose 3 units from a common pool of units offered by all the Engineering Schools (Band 1). A band of Mechanical Engineering units is then offered from which students choose 3 (Band 2). Any units from Band 1 could also be chosen for Band 2 provided that they come from the School of Mechanical, Manufacturing and Medical Engineering. 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. 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**
  - 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
  - MEN280 Engineering Project Management
  - 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
  - MEN170 Systems Modelling and Simulation
  - MEN172 Cost Analysis and Asset Management

**Band 2 Units**

- 3 units are to be chosen from the range of Band 2 units. Please note MEN177 is a compulsory unit. The range of units will be expanded in the future.

  **Band 2 - Semester 1**
  - MEN177 Total Quality Management
  - MEN171 Advanced Manufacturing Technologies
  - MEN241 Reliability and Maintenance Management
  - MEN280 Engineering Project Management

  **Band 2 - Semester 2**
  - MEN170 Systems Modelling and Simulation
  - MEN172 Cost Analysis and Asset Management
  - MEN175 Energy and Environmental Management
  - MEN272 Enterprise Resource Planning

**Band 3 Mechanical Engineering Project**

24 credit point Mechanical Engineering Project

### 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**

- PSP275 Introductory Design and Graphics
  - Available in three modules to suit individual needs. Fee $260 per module. For applicants who wish to enter the course from a non Landscape Architecture or related qualification.

**Foundation Level Studies (Entry by three-year degree or diploma other than the Bachelor of Built Env)**

**Semester 1**

- PSP261 Landscape Construction 1
- PSP262 Communication and Practice 1
- PSP263 Landscape Ecology
- PSP264 Spatial Design Theory

**Semester 2**

- PSP265 Landscape Construction 2
- PSP266 Communication and Practice 2
- PSP267 Heritage and Plant Studies
- PSP268 Site Planning

**Professional Level Studies (Entry by the Bachelor of Built Environment (Landscape Architecture))**

**Semester 1**

- PSP269 Advanced Construction and Practice 1
- PSP270 Elective
- PSP271 Advanced Landscape Design 1

**Semester 2**

- PSP272 Advanced Construction and Practice 2
- PSP273 Landscape Planning
- PSP274 Advanced Landscape Design 2

**Master Level Studies**

**Semester 1**

- PSN211 Research Project 1
- PSN213 Specialisation

**Semester 2**

- PSN212 Research Project 2
- PSN214 Elective

### 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:** Professor Terry Boyd

**Course Structure Information**

The first two semesters full-time or four semester 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
- CNN442/2 Dissertation

■ Master of Property Economics (CN92)

CRICOS code: 036432A

Location: Gardens Point

Course duration (full-time): 1.5 Years
Course duration (part-time): 3 years

Total credit points: 144

Standard credit points per semester (full-time): 48
Course coordinator: Professor Terry Boyd

Additional information

The first two semesters full-time or four semester 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.

An Advanced Information Retrieval Skills unit is compulsory in the Master of Property Economics. It is strongly recommended that this unit be completed prior to the commencement of the course or as early in the first semester as possible.

Course Structure

Variations to the recommended study program require prior approval from the course coordinator.

School electives are offered subject to an appropriate enrolment in each semester.

Students who commence mid-year should enrol in Semester 2 units.

Full-time Course Structure

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
- CNP556 Property Management and Contracts
- EFN406 Managerial Finance
- Year 2, Semester 2
- Two Electives

Year 3, Semester 1
- CNN442/1 Dissertation
- 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 years - Bachelor of Built Environment (Urban and Regional Planning) graduates or equivalent; 2 years - other graduates
Course duration (part-time): 3 years - Bachelor of Built Environment (Urban and Regional Planning) graduates or equivalent; 4 years - other graduates

Total credit points: 192

Course coordinator: Dr Danny O’Hare

Part-time Study

This course is available in 66% and 50% progression rate modes.
Course Structure

Foundation Level Studies (Entry by three-year degree or diploma other than the Bachelor of Built Environment (Urban and Regional Planning))

Semester 1
- DBP401 Urban and Site Analysis
- DBP402 Planning Processes
- DBP403 Design Communication
- DBP404 Economic and Social Foundations of Planning

Semester 2
- DBP405 Urban Design
- DBP406 Computer Applications in Planning
- DBP407 Environmental Planning and Management
- DBP408 Planning Implementation and Law

Professional Level Studies (Entry by the Bachelor of Built Environment (Urban and Regional Planning))

Semester 3
- DBP409 Urban Planning Practice
- DBP410 Research Methods in Planning
- DBP412 Planning Theory and Ethics

Semester 4
- DBP413 Regional Planning Practice
- DBP414 Regional and Metropolitan Policy
- DBP415 Professional Practice Or Research Project
- DBP417 Comparative Planning

Specialization & Research Studies

Semester 5
- DBP501 Specialisation
- DBP502 Professional Practice Or Research Dissertation
- DBP503 Masters Seminar

Semester 6
- DBP501 Specialisation
- DBP502 Professional Practice Or Research Dissertation
- DBP503 Masters Seminar

Foundation Studies Entry - Part-time Course Structure

Semester 1
- DBP401 Urban and Site Analysis
- DBP402 Planning Processes
- DBP403 Design Communication

Semester 2
- DBP405 Urban Design
- DBP408 Planning Implementation and Law

Semester 3
- 2 Electives

Semester 4
- 2 Electives

Electives - Semester 1
- CEP127 Road and Traffic Engineering
- CEP142 Water Pollution Control
- CEP150 Engineering Investigation Project
- CEP176 Engineering Practice 1
- CEP218 Transportation Engineering
- CEP291 Environmental Law and Assessment
- CEP293 Pavement Design
- CEP150 is offered only if fully supported by an employer, and CEP176 may not be offered every semester. Seek advice from course coordinator before enrolling.

Electives - Semester 2
- CEP143 Biological Treatment Processes
- CEP151 Road Safety Audit
- CEP201 Process Modelling
- CEP292 Engineering Practice 2
- CEP295 Civil Engineering Management in a Project Environment

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
Standard credit points per semester (part-time): 24
Course coordinator: Mr Yin Foong

Course Structure Notes
The course structure is currently under review and subject to University approval.

Environmental Engineering Major

Semester 1
- CEP291 Environmental Law and Assessment
- Elective

Semester 2
- CEP141 Studies in Environmental Engineering
- Elective

Semester 3
- 2 Electives

Semester 4
- 2 Electives

Transportation Engineering Major

Semester 1
- CEP218 Transportation Engineering
- Elective

Semester 2
- CEP216 Advanced Traffic Engineering
- Elective

Semester 3
- 2 Electives

Semester 4
- 2 Electives

Electives - Semester 1
- CEP127 Road and Traffic Engineering
- CEP142 Water Pollution Control
- CEP150 Engineering Investigation Project
- CEP176 Engineering Practice 1
- CEP218 Transportation Engineering
- CEP291 Environmental Law and Assessment
- CEP293 Pavement Design
- NB. CEP150 is offered only if fully supported by an employer, and CEP176 may not be offered every semester. Seek advice from course coordinator before enrolling.

Electives - Semester 2
- CEP143 Biological Treatment Processes
- CEP151 Road Safety Audit
- CEP201 Process Modelling
- CEP292 Engineering Practice 2
- CEP295 Civil Engineering Management in a Project Environment

Graduate Diploma in Computer and Communications Engineering (EE66)

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.

**Semester 1 - Units**
- EEPROM Algorithms For Control and Engineering
- EEPROM Units and C For Engineers
- EEPROM Computer Hardware and Interfacing
- EEPROM Data Communications
- EEPROM Communications Digital Signal Processing
- EEPROM Advanced Topic A

**Semester 2 - Units**
- EEPROM Real-Time Operating Systems
- EEPROM Networks and Distributed Computing
- EEPROM Process Control and Robotics
- EEPROM Advanced Topic B
- EEPROM Detection and Estimation
- EEPROM Image Processing and Computer Vision
- EEPROM Digital Signal Processing and Applications

For EEPROM and EEPROM units
With approval of the Course Coordinator, students may enrol in appropriate units from other Schools within QUT.

**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:** Associate Professor David Birtwhistle

**Course Structure**
In the Graduate Diploma students must complete 24 units from List 1.

**List 1, Semester 1**
- EEPROM Fundamentals of Power System Earthing
- EEPROM Thermal Ratings and Heat Transfer
- EEPROM Testing and Condition Monitoring
- EEPROM Power System Load Flow Analysis
- EEPROM Power System Fault Calculations
- EEPROM Project Management
- EEPROM Economic Analysis For Power System Engineers
- EEPROM Power System Harmonics
- EEPROM Abnormal System Voltages
- EEPROM Basic Power System Protection
- EEPROM Statistics
- EEPROM Introduction to Automated System Control and Supervisory Systems
- EEPROM High Voltage Substation Equipment: Power Transformers and Reactive Power Plant
- EEPROM Organisation and Financial Management of The ESI
- EEPROM Contract Administration
- EEPROM Introduction to Electricity Markets

**List 1, Semester 2**
- EEPROM Overhead Line Route Selection - Environmental Factors
- EEPROM Advanced Power System Protection
- EEPROM Risk Assessment In The Electricity Supply Industry
- EEPROM Reliability
- EEPROM Overhead Line Design - Electrical
- EEPROM Overhead Line Design - Mechanical
- EEPROM Distribution Planning
- EEPROM Limits to Power System Stability
- EEPROM Maintenance of Electricity Supply Systems
- EEPROM Load Forecasting
- EEPROM Power System Operation
- EEPROM Distance Protection
- EEPROM Efficient Marketing and Utilisation of Electricity: Demand and Supply Side Solutions
- EEPROM Circuit Breakers - Switchgear
- EEPROM Introduction to Substation Design
- EEPROM Customer Metering

Units available as resource-based learning (distance education) with flexible enrolment
- EEPROM Thermal Ratings and Heat Transfer
- EEPROM Power System Load Flow Analysis
- EEPROM Economic Analysis For Power System Engineers
- EEPROM Power System Harmonics
- EEPROM Abnormal System Voltages
- EEPROM Basic Power System Protection
- EEPROM Advanced Power System Protection
- EEPROM Statistics
- EEPROM Risk Assessment In The Electricity Supply Industry
- EEPROM Reliability
- EEPROM Distribution Planning
- EEPROM Organisation and Financial Management of The ESI
- EEPROM Distance Protection

**Graduate Diploma in Geographic Information Systems (PS78)**

**Award title:** Graduate Diploma in Geographic Information Systems

**CRICOS code:** 040337K

**Course duration (full-time):** 2 semesters

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

**Total credit points:** 96 credit points

**Course coordinator:** Dr John Hayes

**Course Structure**

**Full-time Course Structure**

**Semester 1**
- PSB631 Geographic Information Systems 1
- PSN214 Elective

Choose 2 Electives

**Semester 2**
- PSB654 Topics in Geographic Information Systems
- PSP326 GIS And GPS

Choose 2 Electives

**Semester 1 Electives (Subject to availability)**
- BNB011 Fundamentals of Synthetic Environments
- PSP311 Professional Practice Management
- PSP316 Survey Computing And Processing
- PSP501 Environmental Planning And Assessment
- PSP504 Urban Systems And Infrastructure
- PSP432 History of Built Environment
- PSP612 Spatial And Land Information Management
- PSP630 Cartography And Digital Mapping
- PSP643 Geodesy
- PSN213 Specialisation
- PSP510 Specialisation

**Semester 2 Electives (Subject to availability)**
- PSP273 Landscape Planning
- PSP330 Professional Practice Management 2
- PSP268 Site Planning
- PSP503 Planning And Research Methods
- PSP632 Photogrammetry
- PSP633 Map Production: Principles And Practice
- PSP644 Advanced Geodesy
- PSP655 Remote Sensing
- PSN221 Advanced Specialisation

**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

**Course Structure**

**Semester 1**
- PSP311 Professional Practice Management
- PSP316 Survey Computing And Processing

**Electives**
- PSP314 Boundary Definition Surveys 1
PSP317 Property Development Surveys
PSP329 Urban Drainage For Surveyors
or any other elective as approved by the Course Coordinator.

Semester 2
PSP323 Project Site Surveys
PSP326 GIS And GPS

Electives
PSB651 Geographic Information Systems 1
PSB633 Map Production: Principles And Practice
PSN213 Specialisation
or any other electives as approved by the Course Coordinator

Graduate Diploma in Industrial Design (AR61)

Award title: Graduate Diploma in Industrial Design
CRICOS code: 003479C
Location: Gardens Point
Course duration (full-time): 1 year
Course duration (part-time): 2 years
Total credit points: 96
Standard credit points per semester (full-time): 48
Course coordinator: Associate Professor Vesna Popovic

Professional Recognition
The Graduate Diploma in Industrial Design has been accredited by the Design Institute of Australia (DIA). Graduates are eligible for associate membership.

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: Associate Professor Jill Franz

Professional Recognition
The Graduate Diploma in Interior Design is accredited 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 Built Environment (Landscape Architecture) graduates; 2 years other graduates
Course duration (part-time): 2 years Built Environment (Landscape Architecture) graduates; 4 years (other graduates)
Total credit points: 192
Course coordinator: Mr Glenn Thomas

Professional Recognition
The Graduate Diploma in Landscape Architecture is accredited by the Australian Institute of Landscape Architects.

Course Structure

Summer Semester - Introductory Unit
PSP275 Introductory Design and Graphics
Applicants from non-design require basic skills in design/freehand and technical graphics.
Available in three modules to suit individual needs. Fee $260 per module.

Year 1, Semester 1
Foundation Level Studies (Entry by three-year degree or diploma other than the Bachelor of Built Environment (Landscape Architecture)
PSP261 Landscape Construction 1
PSP262 Communication and Practice 1
PSP263 Landscape Ecology
PSP264 Spatial Design Theory

Year 1, Semester 2
PSP265 Landscape Construction 2
PSP266 Communication and Practice 2
PSP267 Heritage and Plant Studies
PSP268 Site Planning

Year 2, Semester 1
Professional Level Studies (Entry by the Bachelor of Built Environment (Landscape Architecture)
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
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: Professor Terry Boyd

Entry requirements
(1) A relevant bachelor degree from an approved tertiary institution; OR
(2) Successful completion in CN81 Graduate Certificate in Project Management with a grade point average of 5.0 or better, OR
(3) Qualifications deemed equivalent to the above by the Dean of Faculty on the recommendation of the course coordinator; AND
(4) At least three years of appropriate industry experience after graduation.

Students who commence mid-year should enrol in semester two units.

Course Structure
In the Graduate Diploma students complete coursework units from the Masters degree with a range of elective options available. Variations to the recommended study program require prior approval from the course coordinator. School electives are offered subject to an appropriate enrolment each semester.

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: 036427J
Location: Gardens Point
Course duration (full-time): 1 year
Course duration (part-time): 2 years
Total credit points: 96
Standard credit points per semester (full-time): 48
Course coordinator: Professor Terry Boyd

Entry requirements
(1) A relevant bachelor degree from an approved tertiary institution; OR
(2) Successful completion of CN90 Graduate Certificate in Property Economics with a grade point average of 5.0 or better; OR
(3) Qualifications deemed equivalent to the above by the Dean of Faculty on the recommendation of the course coordinator; AND
(4) At least three years of appropriate industry experience after graduation.

Course Structure
In the Graduate Certificate and Graduate Diploma courses, students complete coursework units from the Masters degree with a range of elective options available. Students who commence mid-year should enrol in Semester 2 units.

Full-time Course Structure - Development major
Year 1, Semester 1
CNP520 Project Management
CNP521 Project Cost and Risk Management
CNP545 Project Development
Year 1, Semester 2
CNP545 Project Development
CNP554 Advanced Land Development
CNP557 Property Portfolio Analysis
Two Electives

Full-time Course Structure - Investment 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 - Development major
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

Part-time Course Structure - Investment major
Year 1, Semester 1
CNP545 Project Development
CNP555 Property Market Analysis
Year 1, Semester 2
CNP545 Project Development
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
CRICOS code: 006369G
Location: Gardens Point
Course duration (full-time): 1 year (8 weeks per semester)
Course duration (part-time): 2 years (8 weeks per year)
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

**Semester 1**
- PSP311 Professional Practice Management
- PSP314 Boundary Definition Surveys 1
- PSP316 Survey Computing and Processing
- PSP317 Property Development Surveys

**Semester 2**
- PSP323 Project Site Surveys
- PSP326 GIS and GPS
- PSP327 Engineering Surveying
- PSP328 Boundary Definition Surveys 2

### Part-time Course Structure

**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**
- PSP265 Landscape Construction 2
- PSP317 Property Development Surveys

**Year 2, Semester 2**
- PSP327 Engineering Surveying
- PSP328 Boundary Definition Surveys 2

### 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 plus 1 year part-time  
**Course duration (part-time):** 2 years plus 1 year part-time  
**Total credit points:** 144  
**Course coordinator:** Dr Danny O’Hare

### Part-time Study

The course is available in 66% and 50% progression rate modes.

### Course Structure

**Foundation Level Studies (Entry by three-year degree or diploma other than the Bachelor of Built Environment (Urban and Regional Planning))**

**Semester 1**
- DBP401 Urban and Site Analysis  
- DBP402 Planning Processes  
- DBP403 Design Communication  
- DBP404 Economic and Social Foundations of Planning

**Semester 2**
- DBP405 Urban Design  
- DBP406 Computer Applications in Planning  
- DBP407 Environmental Planning and Management  
- DBP408 Planning Implementation and Law

**Professional Level Studies (Entry by the Bachelor of Built Environment (Urban and Regional Planning))**

**Semester 3**
- DBP409 Urban Planning Practice  
- DBP410 Research Methods in Planning  
- DBP411 Community Planning  
- DBP412 Planning Theory and Ethics

**Semester 4**
- DBP413 Regional Planning Practice  
- DBP414 Regional and Metropolitan Policy  
- DBP415 Professional Practice Or Research Project  
- DBP416 Elective  
- DBP417 Comparative Studies

### Graduate Diploma in Urban Design (PS69)

**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 Structure

To be eligible for the Graduate Diploma students must complete the first two semesters outlined below. If students complete the Graduate Diploma with a suitable grade point average, they can articulate into the Masters program, which comprises a flexibly delivered summer program.

### 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.

### Course Structure

**Summer Semester - Introductory Unit**
- PSP275 Introductory Design and Graphics  
  Available in three modules to suit individual needs. Fee $260 per module.

**Full-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**
- 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  
**CRICOS code:** 040338J  
**Course duration (part-time):** 2 semesters  
**Total credit points:** 48  
**Course coordinator:** Mr Glenn Thomas

### 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

Duration
This course is delivered by part-time study of four periods of weekend sessions each semester. Students will be advised when the periods will be conducted.

Professional Recognition
Support has been received from the Institution of Fire Engineers; The Institution of Engineers Australia; Society of Fire Safety; Queensland Fire Protection Industry Association Inc.; Queensland Department of Local Government and Planning; Queensland Department of Public Works and Housing; The Royal Australian Institute of Architects; Queensland Fire and Rescue Authority.

Course Structure
Semester 1
ARB801 Fire Technology And Science
ARB803 Fire And Building Legislation
Semester 2
ARB802 Human Behaviour And Fire
ARB804 Fire Safety System Design
ARB801 and ARB803 are prerequisites to ARB804, ARB802 is a corequisite with ARB804.

Graduate Certificate in Built Environment (Healthy Buildings) (AR66)
Award title: Graduate Certificate in Built Environment (Healthy Buildings)
Location: Gardens Point
Course duration (part-time): 1 year (teaching blocks)
Total credit points: 48
Course coordinator: Professor Bill Lim

Entry requirements
A relevant degree or diploma from a recognised tertiary institution or relevant industry experience, qualifications and recommendation by supervisor or industry body.

Course Structure
Semester 1
PUN303 The Health Aspects of Healthy Buildings
ARP901 Physical Environment of Healthy Buildings
Semester 2
ARP902 Management of Healthy Buildings
ARP903 Building Diagnostics

Graduate Certificate in Civil Engineering (CE62)
Award title: Graduate Certificate in Civil Engineering
CRICOS code: 040341C
Location: Gardens Point
Course duration (part-time): 2 semesters (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
Road Engineering Strand
Semester 1
CEP293 Pavement Design
Elective
Semester 2
CEP175 Pavement Maintenance Rehabilitation And Recycling
Elective
The School reserves the right to offer these units according to enrolment quotas and staff availability.

Engineering Administration Strand
Semester 1
CEP294 Engineering Contract Development And Administration
Elective
Semester 2
CEP295 Civil Engineering Management in a Project Environment
Elective
The School reserves the right to offer these units according to enrolment quotas and staff availability.

Environmental Engineering Strand
Semester 1
CEP291 Environmental Law And Assessment
Elective
Semester 2
CEP141 Studies in Environmental Engineering
Elective
The School reserves the right to offer these units according to enrolment quotas and staff availability.

Transport Engineering Strand
Semester 1
CEP218 Transportation Engineering
Elective

Electives - Semester 1
CEP127 Road And Traffic Engineering
CEP142 Water Pollution Control
CEP150 Engineering Investigation Project
CEP176 Engineering Practice 1
CEP218 Transportation Engineering
CEP291 Environmental Law And Assessment
CEP293 Pavement Design
CEP294 Engineering Contract Development And Administration
NB. CEP150 is offered only if fully supported by an employer, and CEP176 may not be offered every semester. Seek advice from course coordinator before enrolling.

Electives - Semester 2
CEP141 Studies in Environmental Engineering
CEP143 Biological Treatment Processes
CEP150 Engineering Investigation Project
CEP151 Road Safety Audit
CEP175 Pavement Maintenance Rehabilitation And Recycling
CEP201 Process Modelling
CEP216 Advanced Traffic Engineering
CEP292 Engineering Practice 2
CEP295 Civil Engineering Management in a Project Environment
NB. CEP150 is only offered if fully supported by an employer and CEP292 may not be offered every semester. Advice must be sought from the course coordinator before enrolling.
Graduate Certificate in Computer and Communications Engineering (EE61)
Award title: Graduate Certificate in Computer and Communications Engineering
CRICOS code: TBA
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.
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
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
For EEP127 and EEP137 units
With approval of the Course Coordinator, students may enrol in appropriate units from other schools within QUT

Graduate Certificate in Designed Environments for Ageing (DB60)
Award title: Graduate Certificate in Designed Environments for Ageing
CRICOS code: 040328M
Course duration (part-time): 2 semesters - Flexible delivery (on-line and on-campus intensive)
Total credit points: 48
Course coordinator: Dr MT (Malgosia) Zlobicki

Course Structure
Semester 1
DBP001 Criteria of Design For Ageing
DBP002 Performance of Design For Ageing
Semester 2
DBP003 Evaluation of Design For Ageing
DBP004 Realisation of Design For Ageing
Units are flexible delivery (on-line and on-campus intensive)

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: Associate Professor David Birtwhistle

Course Structure
In the Graduate Certificate students choose 12 units from List 1.
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
EEP230 Organisation And Financial Management of The ESI
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
EEP240 Organisation And Financial Management of The ESI
EEP241 Distance Protection

Graduate Certificate in Engineering Management (ME75)
Award title: Graduate Certificate in Engineering Management
CRICOS code: 018208C
Location: Gardens Point
Course duration (full-time): 1 semester
Course duration (part-time): 2 semesters
Total credit points: 48
Course coordinator: Dr Jun Wang

Course Structure
Students will take four units all of which are offered as part of the Master of Engineering Science Management (ME76). A similar course is offered in Singapore in conjunction with Crossfields Asia Pacific Pty Ltd.
Semester 1
MEN171 Advanced Manufacturing Technologies
MEN177 Total Quality Management
MEN241 Reliability And Maintenance Management
MEN280 Engineering Project Management
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

Course Structure

Full-time Course Structure

Semester 1
- PSB631 Geographic Information Systems 1
- PSN214 Elective
  Choose 2 Electives

Part-time Course Structure

Semester 1
- PSB654 Topics in Geographic Information Systems
  Choose 1 elective

Semester 2
- PSF326 GIS And GPS
  Choose 1 elective

Semester 1 Electives (subject to availability)
- BN6011 Fundamentals of Synthetic Environments
- PSF311 Professional Practice Management
- PSF316 Survey Computing And Processing
- PSF501 Environmental Planning And Assessment
- PSF504 Urban Systems And Infrastructure
- PSB432 History of Built Environment
- PSB612 Spatial And Land Information Management
- PSB630 Cartography And Digital Mapping
- PSB643 Geodesy
- PSN213 Specialisation
- PSF510 Specialisation

Semester 2 Electives (subject to availability)
- PSF273 Landscape Planning
- PSF330 Professional Practice Management 2
- PSF268 Site Planning
- PSF503 Planning And Research Methods
- PSB632 Photogrammetry
- PSB633 Map Production: Principles And Practice
- PSB644 Advanced Geodesy
- PSB655 Remote Sensing
- PSN221 Advanced Specialisation

Graduate Certificate in Geomatics (PS73)

Award title: Graduate Certificate in Geomatics
CRICOS code: 036436F
Location: Gardens Point
Course duration (full-time): 1 semester
Course duration (part-time): 2 semesters
Total credit points: 48
Course coordinator: Dr John Hayes

Course Structure

Semester 1
- PSF311 Professional Practice Management
- PSF316 Survey Computing And Processing

Electives
- PSF314 Boundary Definition Surveys 1
- PSF317 Property Development Surveys
  or any other electives as approved by the Course Coordinator

Graduate Certificate in Landscape Design (PS76)

Award title: Graduate Certificate in Landscape Design
CRICOS code: 037546E
Course duration (full-time): 1 semester
Course duration (part-time): 2 semesters
Total credit points: 48 credit points
Course coordinator: Mr Glenn Thomas

Course Structure

Foundation Level Studies
- PSP275 Introductory Design And Graphics
  Required prerequisite for non-BN31 applicants for entry to PSP261 or PSP264

Full-time Course Structure

Semester 1
- PSP265 Landscape Construction 2
- PSP266 Communication And Practice 2
- PSP267 Heritage And Plant Studies
- PSP268 Site Planning

Part-time Course Structure

Semester 1
- PSP263 Landscape Ecology
- PSP264 Spatial Design Theory

Semester 2
- PSP267 Heritage And Plant Studies
- 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

Course Structure

Summer Semester

Foundation Level Studies
- PSP275 Introductory Design And Graphics
  This unit is a required pre-requisite for non BN31 applicants
  for entry into PSP261 or PSP264

Full-time Course Structure

Semester 1
- PSP261 Landscape Construction 1
- PSP262 Communication And Practice 1
- PSP263 Landscape Ecology
- PSP264 Spatial Design Theory

Part-time Course Structure

Semester 1
- PSP261 Landscape Construction 1
- PSP262 Communication And Practice 1

Semester 2
- PSP265 Landscape Construction 2
- PSP266 Communication And Practice 2

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: Dr Danny OHare
Course Structure

Select any approved program of four 12 credit point units from list below

PSP503 Planning And Research Methods
PSP505 Planning in Society
PSP510 Specialisation
PSN211 Advanced Specialisation
PSP211 Research Project 1 And Advanced Research Methods

One or two approved electives

PSP503, PSP505 & PSP510 only available semester 1

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: Professor Terry Boyd

Course Structure

The first semester full-time or two semesters part-time are
identical to the Graduate Diploma in Project Management
(CN64). Students who complete the Graduate Certificate in
Project Management (CN81) and are successful in gaining entry
into the Graduate Diploma in Project Management (CN64) or
Master of Project Management (CN77) will be eligible to receive
credit for all units studied in the Graduate Certificate.

The full-time Graduate Certificate can only be completed in
Semester 1 of any year.

Students who commence mid-year should enrol in Semester 2
units.

Full-time Course Structure

Year 1, Semester 1
CNP520 Project Management
CNP521 Project Cost And Risk Management
CNP532 Innovation And Technology Management
CNP551 Project Human Resource Management

Part-time Course Structure

Year 1, Semester 1
CNP520 Project Management
CNP521 Project Cost And Risk Management

Year 1, Semester 2
CNP533 Project Management Law
CNP534 International Project Management

Graduate Certificate in Property Economics (CN90)

Award title: Graduate Certificate in Property Economics
CRICOS code: 036428G
Location: Gardens Point
Course duration (full-time): 1 semester
Course duration (part-time): 1 year
Total credit points: 48
Standard credit points per semester (part-time): 24
Course coordinator: Professor Terry Boyd

Entry requirements

(1) A relevant bachelor degree form an approved tertiary
institution; OR
(2) Qualifications and/or relevant training considered to be
deed equivalent to the above by the Dean of Faculty on
the recommendation of the course coordinator; AND
(3) At least three years of appropriate industry experience after
graduation.

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 (Mid-year Entry Courses)

The objective of running a summer program for mid-year entry
students is to provide an accelerated program which enables
students to complete their courses in 3.5 years. Students resume a
standard program during second year. The summer program is
necessary in order for mid-year entry students to complete their
courses in minimum time. If studies are not undertaken during the
summer program period, completion in minimum time is not
possible.

Supplementary Assessment

It is not normally faculty policy to grant supplementary
examinations. However, at the discretion of the Dean of Faculty,
supplementary or further assessment may be permitted in cases
where a student is near to the completion of their course.

In such cases it is normal policy to award an 'A' (Result
Unfinalised) and to give the student further assessment.

Following satisfactory completion of this further assessment, the
highest grade which may normally be awarded is a grade of 3
(Pass Conceded).
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, and the four-year Bachelor of Applied Science courses in Construction Management and Quantity Surveying. 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 the 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 Student Rule 2(19) (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.

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 the first year information booklets for details of the policies of individual schools.

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, not later than the fourth week of semester immediately following each period of industrial experience, submit to the faculty office a report in the required format describing the work carried out during the period of industrial experience and including an Industrial Experience Record Form signed by the employer. 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.

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.

Surveying/mapping students must obtain at least 90 days of industrial experience in a surveying/mapping environment approved by the course coordinator.
Bachelor of Engineering (Aerospace Avionics) students are required to obtain 10 days specialist experience in the avionics industry during the first year of their course. This is in addition to the 60 days industrial experience requirement.

Industrial Experience information booklets can be obtained from the Student Services Officer in the Faculty Office, Level 10, S Block, Gardens Point campus.

**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’.

**First and second year commencement**

Candidates who are admitted into the course at the beginning of first and second 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 credited to ADB796 Practice Experience B, before commencing Year Four.
- Candidates who had previously been studying part-time and who have satisfied ADB796 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 4.5.0).
  - 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 (AACA item 4.7.21 and 4.7.22).

**Experience**

Experience may be in any area of architecture. (Commonly approved allied areas: Civil Engineering, Interior Design, Industrial Design, Quantity Surveying, Construction Management, Town Planning, Landscape Architecture, Building).

**Administrative purposes**

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 Experience Counts Once**

Experience 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 credited to ADB796 Practice Experience B, before commencing Year Four.
- Candidates who had previously been studying part-time and who have satisfied ADB796 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 4.5.0).
  - Preliminary site investigation and evaluation of at least one project
  - (AACA item 4.2.4).
  - Project Management contract administration of at least one project at ‘observer’ status (AACA item 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
Total credit points: 384
Standard credit points per semester (full-time): 48
Course coordinator: Dr Jay Yang

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.

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.

Electives
Note A: Students may choose CNB408 Advanced Building and Civil Construction; CNB425 International Construction; or an approved elective from other QUT courses.
Note B: Students may choose CNB413 Research Project if their course GPA is 5.0 or better and they have completed CNB407 Professional Investigation and Reporting. Alternatively, students may undertake an approved elective from other QUT courses.
Note C: Students may choose CNB424 Specialist Measurement if they have completed CNB408 Advanced Building and Civil Construction; CNB420 Current Construction Issues or an approved elective from other QUT courses.

Full-time Course Structure
Year 1, Semester 1
CNB101 Construction 1
CNB102 Building Technology 1
CNB105 Surveying And Data Analysis
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
CNB207 Professional Studies 2
CNB227 Applied Computing

Year 3, Semester 1
CNB302 Contract Administration
CNB303 Construction Business Management 2
CNB305 Construction Estimating
CNB335 Time Management

Year 3, Semester 2
CNB306 Construction Business Management 3
CNB307 Building Economics And Cost Management
CNB308 Professional Studies 3
CNB309 Law 2

Year 4, Semester 1
CNB402 Investment Theory
CNB407 Professional Investigation And Reporting
CNB409 Professional Practice 1

Year 4, Semester 2
CNB410 Development Processes
CNB423 Professional Practice 2

Year 4, Semester 2
Note A Elective
Note B Elective
Note C Elective

Flexible Mode - Course Structure
Year 1, Semester 1
CNB101 Construction 1
CNB102 Building Technology 1
CNB106 Technical Communications

Year 1, Semester 2
CNB107 Construction 2
CNB108 Building Technology 2
CNB110 Measurement 1

Year 2, Semester 1
CNB203 Building Services
CNB204 Measurement 2
CNB302 Contract Administration

Year 3, Semester 2
CNB207 Professional Studies 2
CNB208 Construction Business Management 1
CNB309 Law 2

Year 4, Semester 1
CNB303 Construction Business Management 2
CNB335 Time Management
CNB305 Construction Estimating

Year 4, Semester 2
CNB306 Construction Business Management 3
CNB307 Building Economics And Cost Management
CNB308 Professional Studies 3
CNB409 Professional Practice 1

Year 5, Semester 1
CNB407 Professional Investigation And Reporting
CNB409 Professional Practice 1

Year 5, Semester 2
CNB410 Development Processes
CNB423 Professional Practice 2

Year 6, Semester 1
CNB402 Investment Theory

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 Adrian Bridge

Professional Accreditation and Recognition
The course is offered with or without honours. Both the honours and non-honours versions of the course are fully accredited by the Australian Institute of Quantity Surveyors, and the Singapore Institute of Surveyors and Valuers. The course with honours is fully accredited by the Royal Institution of Chartered Surveyors and the Board of Quantity Surveyors Malaysia. 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. All units are 12 credit points. Please refer to the unit synopses section for more information.

**Special Course requirements**

All students are required to gain a minimum of 100 days of employment in the final year of the courses 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.

Work Experience: Only International students are eligible to complete their work experience off-shore.

**Advanced Standing**

Up to 4 semesters of advanced standing may be granted, subject to prior learning and qualifications. Only students entering with 4 semesters of advanced standing are eligible to take the summer program.

**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.

**Electives**

Note A Elective: Choose CNB408 Advanced Building and Civil Construction: CNB425 International Construction; or an approved elective from other QUT Courses.

Note B Elective: Choose CNB413 Research Project if course GPA is 5 or better and they have successfully completed CNB407 Professional Investigation and Reporting. Alternately, students may undertake an approved elective from other QUT courses.

Note C Elective: Choose CNB424 Specialist Measurement if they have completed CNB408 Advanced Building and Civil Construction: CNB420 Current Construction Issues; or an approved elective from other QUT courses.

**Course Structure - February Entry - Standard Full-time**

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<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>CNB101 Construction 1</th>
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<tr>
<td>CNB102 Building Technology 1</td>
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<td>CNB105 Surveying And Data Analysis</td>
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<td>Year 1, Semester 2</td>
<td>CNB107 Construction 2</td>
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<td>CNB120 Economics For The Construction Industry</td>
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<td>Year 2, Semester 1</td>
<td>CNB201 Construction 3</td>
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<td>CNB209 The Environment And The Quantity Surveyor</td>
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<td>CNB227 Applied Computing</td>
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<td>CNB207 Professional Studies 2</td>
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<td>CNB407 Professional Investigation And Reporting</td>
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<td>CNB410 Development Processes</td>
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<td>CNB423 Professional Practice 2</td>
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<td>Note B Elective</td>
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<td>Note C Elective</td>
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**Course Structure - Flexible Mode**

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<tr>
<th>Year 1- Semester 1</th>
<th>CNB101 Construction 1</th>
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<td>CNB102 Building Technology 1</td>
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**Course Structure - Mid-year July Entry with one semester of Advanced Standing**

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<thead>
<tr>
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<td>Year 4, Semester 1</td>
<td>CNB402 Investment Theory</td>
</tr>
<tr>
<td>CNB407 Professional Investigation And Reporting</td>
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<tr>
<td>CNB409 Professional Practice 1</td>
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<tr>
<td>Note A Elective</td>
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<tr>
<td>Year 5, Semester 2</td>
<td>CNB410 Development Processes</td>
</tr>
<tr>
<td>CNB423 Professional Practice 2</td>
<td></td>
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<tr>
<td>Note C Elective</td>
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BUILT ENVIRONMENT AND ENGINEERING
BUILT ENVIRONMENT AND ENGINEERING

CNB310 Measurement 3
Year 3, Semester 1
CNB402 Investment Theory
CNB407 Professional Investigation And Reporting
CNB409 Professional Practice 1
Note A Elective
Year 4, Semester 2
CNB410 Development Processes
CNB423 Professional Practice 2
Note B Elective
Note C Elective

Year 3, Semester 1
CNB307 Building Economics And Cost Management
CNB308 Professional Studies 3
CNB309 Law 2
CNB310 Measurement 3
Year 1, Summer Program
CNB302 Contract Administration
CNB303 Construction Business Management 2
CNB335 Time Management
CNB395 Construction Estimating
Year 2, Semester 1
CNB402 Investment Theory
CNB407 Professional Investigation And Reporting
CNB409 Professional Practice 1
Note A Elective
Year 2, Semester 2
CNB410 Development Processes
CNB423 Professional Practice 2
Note B Elective
Note C Elective

Course Structure - Standard full-time with 4 Semesters of Advanced Standing and Summer Program
Year 1, Semester 1
ADB001 Architectural Design 1
ADB911 Human Environment 1
ADB921 Technology And Science Foundation
Year 1, Semester 2
ADB002 Architectural Design 2
ADB931 Introduction to History, Theory And Criticism
ADB021 Technology And Science 1
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
ADB013 Contextual Studies 3
ADB913 Human Environment 3
ADB024 Technology And Science 4
Year 3, Semester 2
ADB006 Architectural Design 6
ADB012 Contextual Studies 2
ADB0795 Practice Experience A
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
ADB032 Professional Studies 2
Year 5, Semester 2
ADB014 Contextual Studies 4
ADB051 Architectural Research 1
ADB0943 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
ADB0796 Practice Experience B

Special Course Requirements
A Bachelor of Architecture student must be engaged in approved employment for at least 48 recognised weeks within the first three years (ADB795 Practice Experience A) and for at least 72 recognised weeks within the second three years (ADB796 Practice Experience B).

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.

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
Year 1, Semester 2
ADB002 Architectural Design 2
ADB931 Introduction to History, Theory And Criticism
ADB021 Technology And Science 1
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
ADB013 Contextual Studies 3
ADB913 Human Environment 3
ADB024 Technology And Science 4
Year 3, Semester 2
ADB006 Architectural Design 6
ADB012 Contextual Studies 2
ADB0795 Practice Experience A
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
ADB032 Professional Studies 2
Year 5, Semester 2
ADB014 Contextual Studies 4
ADB051 Architectural Research 1
ADB0943 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
ADB0796 Practice Experience B

Bachelor of Architecture (AR48)
Award title: Bachelor of Architecture
CRICOS code: 006364A
Location: Gardens Point
Course duration (full-time): 6 years flexible full-time
Total credit points: 384 (coursework) + 96 (approved employment)
Standard credit points per semester (full-time): 24 or 36 (see Course Structure)
Course coordinator: Ms Susan Savage

Professional Recognition
Graduates with a year of postgraduate practical experience are eligible for associate membership of the Royal Australian Institute of Architects and are eligible to sit for the registration examination conducted by the Board of Architects of Queensland.
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: Ms Sue Savage

Professional Recognition
Graduates of the Bachelor of Built Environment (Architectural Studies) who go on to complete the final three years of the Bachelor of Architecture degree meet the academic requirements for membership of the Royal Australian Institute of Architects and 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

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: Associate Professor Jill Franz

Professional Recognition
Successful completion of the Bachelor of Built Environment (Interior Design) satisfies the requirements for entry into the Graduate Diploma in Interior Design, which is accredited by the Design Institute 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

Year 1, Semester 1
ADB101 Interior Design 1
ADB911 Human Environment 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
ADB224 Industrial Design History Theory And Criticism 1
ADB204 Industrial Design 2
ADB234 Manufacturing Technology 2
ADB244 Computer Aided Industrial Design 1

Year 2, Semester 2
ADB232 Design Technology And Society
ADB203 Industrial Design 1
ADB233 Manufacturing Technology 1
ADB245 Computer Aided Industrial Design 2

Year 3, Semester 2
ADB244 Computer Aided Industrial Design 2
ADB236 Manufacturing Technology 4
ADB942 Elective 2

Bachelor of Built Environment (Industrial Design) (BN31)

Award title: Bachelor of Built Environment (Industrial Design)
CRICOS code: 003507D
Location: Gardens Point
Course duration (full-time): 3 Years
Total credit points: 288
Standard credit points per semester (full-time): 48
Course coordinator: Associate Professor Vesna Popovic

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.
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
Course coordinator: Ms Delwyn Poulton

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
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
PSB434 Landscape Construction A
PSB435 Social And Cultural Relations
Year 2, Semester 2
PSB441 Planning/Landscape Design 4
PSB442 Plant Studies
PSB443 Population And Urban Studies
PSB444 Landscape Construction B

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 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
Course coordinator: Dr Bhishna Bajracharya

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
PSB435 Social And Cultural Relations
Year 2, Semester 2
PSB441 Planning/Landscape Design 4
PSB443 Population And Urban Studies
PSB444 Landscape Construction B

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 (CE44, EE41, ME41)

Location: Gardens Point
Course duration (full-time): BEng 3.5 years, BEng/MEngSc 4-4.5 years
Total credit points: BE 384, BE/MEngSc 456
Course coordinator: CE44 - Dr Martin Murray, EE41 - Dr Duncan Campbell, ME41 - Dr Peter Ridley

Professional Recognition
These courses are fully accredited by the Institution of Engineers Australia.

Course Outline
The Dean Scholars Program is a accelerated program designed specifically for OP1 or equivalent students. The Program provides the opportunity to complete a Bachelor of Engineering and a Master of Engineering Science in 4 to 4.5 years. Students have the option of exiting after the Bachelor of Engineering (3.5yrs). To be eligible to enrol in the Masters units and to proceed to the Masters, students must demonstrate appropriate levels of achievement in the Bachelor of Engineering course.

Domestic Student Fees
Students who enrol will receive a full scholarship that includes payment of all undergraduate Higher Education Contribution Scheme (HECS) monies for the bachelor program. Students who attain a GPA of 5.5 or above in their QUT studies and wish to continue to the Master of Engineering accelerated program will receive further scholarship benefits: the full payment of the course fees for the masters program.

International Student Fees
International students eligible for a Queensland OP who are successful in gaining entry and enrol will receive a scholarship, which will partially cover their tuition fees, to the level of the HECS amount for non-international students. Students will have to pay the difference between the international student fee and the HECS amount under a formula to be devised. Students who attain a GPA of 5.5 or above in their QUT studies and wish to continue to the Master of Engineering accelerated program will receive further scholarship benefits: payment of the course fees for the masters program to the level of the amount paid by non-international students. Students will have to pay the difference between the international student fee and the non-international tuition fee under a formula to be devised.

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

CE44 - Dean’s Scholars Course Structure

Year 1, Semester 1
CEB109 Engineering Mechanics 1
MAB131 Engineering Materials
MAB213 Environmental Science
MAB131 Engineering Mathematics 1A
or
MAB180 Engineering Mathematics 1

Year 1, Semester 2
BNB007 Professional Studies 1
CEB110 Engineering Mechanics 2
CEB217 Hydraulic Engineering 1
EEB112 Electrical And Computer Engineering 1
PCB136 Engineering Physics 1C

Summer Program
CEB209 Geotechnical Engineering 1
MAB132 Engineering Mathematics 1B

Year 2, Semester 1
CEB207 Professional Studies 2
CEB208 Materials Science
CEB317 Professional Studies 4
CEB319 Water Engineering

Year 2, Semester 2
CEB214 Professional Studies 3
CEB215 Structural Engineering
CEB216 Project Engineering 1
CEB321 Water And Wastewater Treatment
CEB322 Geotechnical Engineering 2

Year 3, Semester 1
CEB318 Structural Engineering 2
CEB409 Professional Studies 6 (Civil Projects Design)
CEB412 Project Engineering 2
MAB138 Engineering Statistics And Numerical Methods

Year 3, Semester 2
CEB320 Professional Studies 5 (Steel And Concrete Structure Design)
CEB323 Transport Engineering 1
CEB413 Structural Engineering 3
CEB414 Professional Studies 7 (Capstone Project Design)

Summer Program
CEB411 Thesis Project A

Year 4, Semester 1
CEB415 Thesis Project B
Master of Engineering Science unit 2
Master of Engineering Science unit 3
Master of Engineering Science unit 4

Year 4, Semester 2
CEP997/1 Project
CEP997/2 Project
Master of Engineering Science unit 7
Master of Engineering Science unit 8

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 programs.

EE41 - 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 is to be taken by those who have not passed Maths C

Year 1, Semester 2
BNB007 Professional Studies 1
EEB212 Electrical And Computer Engineering 2
MAB132 Engineering Mathematics 1B
MAB131 Engineering Materials

Year 2, Semester 1
EEB311 Electrical Measurement And Machines
EEB312 Analog And Digital Electronics
EEB340 Introduction to Telecommunications
EEB781 Professional Studies 2
MAB134 Electrical Engineering Mathematics 3

Year 2, Semester 2
EEB411 Classical Control And Power Generation
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
General Elective

Year 3, Semester 2
EEB612 Software Systems Design
EEB641 Fields Transmission And Propagation
EEB664 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
Elective unit
Elective unit
Master of Engineering Science unit
EEP301/2 Project

ME41 - Dean’s Scholars 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
MAB180 is to be taken by those who have not passed Maths C
Year 1, Semester 2
BNB007 Professional Studies 1
EEB112 Electrical And Computer Engineering 1
MAB132 Engineering Mathematics 1B
or
MMB112 Dynamics
MAB136 Engineering Statistics
or
MGB007 Engineering Management
Year 1, Summer Program
MAB132 Engineering Mathematics 1B
or
MMB112 Dynamics
Year 2, Semester 1
EEB220 Electrical Engineering 2M
MAB133 Engineering Mathematics 2
MAB211 Mechanics 1
MMB281 Fundamentals of Mechanical Design
MMB371 Manufacturing Processes
Year 2, Semester 2
MMB212 Mechanics 2
MMB232 Materials Technology
MMB252 Thermofluids
MAB136 Engineering Statistics
or
MGB007 Engineering Management
Year 2, Summer Program
Elective Unit 1
Year 3, Semester 2
MAB401/1 Project
MAB401/2 Project
Year 4, Semester 2
Masters Research Project
Master of Engineering Science unit

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: Professor Miles Moody

Professional Recognition
This degree meets the requirements for membership of The Institution of Engineers, Australia. It is also professionally recognised by many international professional institutions.

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. (GPA of 5 out of 7 for 2001.)

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 certain minimum performance criteria at the end of year 3 of the Bachelor of Engineering course, may be eligible to study two units of the Master of Engineering degree then enrol in the Master of Engineering Science with the two completed units credited towards the Masters program. Successful completion of this course will then lead to obtaining the Master of Engineering Science as well as the Bachelor degree.

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
or
MMB112 Dynamics
MAB136 Engineering Statistics
Year 2, Semester 1
EEB220 Electrical Engineering 2M
MAB133 Engineering Mathematics 2
MAB211 Mechanics 1
MMB281 Fundamentals of Mechanical Design
MMB371 Manufacturing Processes
Year 2, Semester 2
MMB212 Mechanics 2
MMB232 Materials Technology
MMB252 Thermofluids
MAB136 Engineering Statistics
or
MGB007 Engineering Management
Year 2, Summer Program
Elective Unit 1
Year 3, Semester 2
MGB007 Engineering Management
CEB109 Engineering Mechanics 1
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
EEB435 Classical Flight Control Systems
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
EEB750 Aerospace Radio And Radar Systems
EEB781 Professional Studies 2
EEB782 Aerospace Project
Elective Unit 1
Year 4, Semester 2
EEB782 Aerospace Project
EEB860 Navigation Systems For Aircraft And Space
Engineering Management
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.

■ 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, and the Institution of Engineers, Ireland.

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 units of the Master of Engineering degree then enrol in the Master of Engineering Science with the two completed units credited towards the Masters program. Successful completion of this course will then lead to obtaining the Master of Engineering Science as well as the Bachelor degree.

Minors
Subject to the approval of the course coordinator, students may be able to choose a minor area of study. A minor is a collection of four units from the one study area, that totals 48 credit points. This will not affect the total number of credit points required for course completion. Students may choose from the list of minors, available from the office of the Faculty of Built Environment and Engineering.

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

Year 1, Semester 1
CEB109 Engineering Mechanics 1
MMB131 Engineering Materials
PCB136 Engineering Physics 1C
MAB180 Engineering Mathematics 1
or
MAB131 Engineering Mathematics 1A
MAB180-must have Maths B, MAB131-must have Maths C

Students who do not have Maths B, please consult School Admin Officer

Year 1, Semester 2
BNB007 Professional Studies 1
EEB112 Electrical And Computer Engineering 1
CEB110 Engineering Mechanics 2
MAB132 Engineering Mathematics 1B
Year 2, Semester 1
CEB207 Professional Studies 2
CEB208 Materials Science
CEB209 Geotechnical Engineering 1
CEB213 Environmental Science
Year 2, Semester 2
CEB214 Professional Studies 3
CEB215 Structural Engineering
CEB216 Project Engineering 1
CEB217 Hydraulic Engineering 1
Year 3, Semester 1
CEB317 Professional Studies 4
CEB318 Structural Engineering 2
CEB319 Water Engineering
MAB138 Engineering Statistics And Numerical Methods
Year 3, Semester 2
CEB320 Professional Studies 5 (Steel And Concrete Structure Design)
CEB322 Geotechnical Engineering 2
CEB321 Water And Wastewater Treatment
CEB323 Transport Engineering 1
Year 4, Semester 1
CEB409 Professional Studies 6 (Civil Projects Design)
CEB411 Thesis Project A
CEB412 Project Engineering 2
One elective
Year 4, Semester 2
CEB413 Structural Engineering 3
CEB414 Professional Studies 7(Capstone Project Design)
CEB415 Thesis Project B
or
CEB411 Thesis Project A
or Elective for those who have completed CEB411
Subject to approval of the Course Coordinator
CEB412, CEB413, CEB414, CEB415 or electives maybe substituted for a minor

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
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

Electives

Semester 1
CEB416 Environmental Law And Assessment
CEB507 Finite Element Methods
CEB508 Transport Engineering 1
CEB509 Project Management And Administration
CEB517 Advanced Engineering Studies
Content - either structural or concrete (will be confirmed by week 11 of previous semester)
CEB523 Environmental Geotechnology

Semester 2
CEB418 Waste Resource Management
CEB513 Advanced Construction Practice
CEB514 Project Control
CEB515 Professional Practice in Asia And Pacific
CEB516 Masonry Design
CEB517 Advanced Engineering Studies  
  Content - either structural or concrete (will be confirmed by  
  week 11 of previous semester)  
CEB518 River And Coastal Engineering  
CEB522 Geotechnical Engineering Practice  
With approval from the Head of School students maybe permitted to enrol  
in one elective unit from other QUT faculties  

Course Structure - Environmental Major  
Years 1, 2 and 3  
See Year 1, 2 & 3 of full-time course structure  

Year 4, Semester 1  
CEB409 Professional Studies 6 (Civil Projects Design)  
CEB411 Thesis Project A  
CEB416 Environmental Law And Assessment  
CEB523 Environmental Geotechnology  

Year 4, Semester 2  
CEB415 Thesis Project B  
or  
CEB411 Thesis Project A  
or Elective for those who have completed CEB411  
CEB417 Environmental Professional Studies  
CEB418 Waste Resource Management  
  Choose one Environmental Elective  
  Subject to the approval of the Course Coordinator  
CEB416, CEB418, CEB523 or Electives maybe substituted for  
a minor  

■ Bachelor of Engineering (Computer Systems) (EE46)  
Award title: Bachelor of Engineering (Computer Systems)  
Location: Gardens Point  
Course duration (full-time): 4 Years  
Total credit points: 384  
Standard credit points per semester (full-time): 48  

Professional Recognition  
Professional accreditation will be sought from the Institution of  
Engineers, Australia (IEAust).  

Career Outcomes  
Graduates will be employed as design engineers, software  
engineers, hardware engineers, computer system engineers,  
information systems engineers, research and development  
engineers and project managers.  

Other Requirements  
Students must complete at least 12 weeks industrial experience in  
order to graduate.  

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 certain  
minimum performance criteria at the end of year 3 of the  
Bachelor of Engineering course, may be eligible to study two  
units of the Master of Engineering degree then enrol in the  
Master of Engineering Science with the two completed units  
credited towards the Masters program. Successful completion of  
this course will then lead to obtaining the Master of Engineering  
Science as well as the Bachelor degree.  

Course Structure  
Year 1, Semester 1  
ITB106 Foundations of Computing  
ITB410 Software Development 1  
PCB136 Engineering Physics 1C  
MAB180 Engineering Mathematics 1  
or  
MAB131 Engineering Mathematics 1A  

Year 1, Semester 2  
EEB123 Electrical Circuits And Measurements  
ITB107 Programming Laboratory  
ITB411 Software Development 2  
MAB132 Engineering Mathematics 1B  

Year 2, Semester 1  
EEB312 Analog And Digital Electronics  
EEB340 Introduction to Telecommunications  
ITB421 Software Development 3  
MAB139 Computer Engineering Mathematics 3  

Year 2, Semester 2  
BNB007 Professional Studies 1  
EEB412 Advanced Electronics And Embedded Systems  
EEB440 Classical Signal Processing  
ITB448 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  
EEB684 Advanced Design  
EEB666 Communication Environments For Embedded Systems  

Year 4, Semester 1  
EEB781 Professional Studies 2  
EEB889/1 Project  
Elective 1  
Elective 2  

Year 4, Semester 2  
EEB889/2 Project  
General Elective  
Elective 3  
Elective 4  

Students must complete 60 days industrial experience before graduating  

■ 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)  
Course coordinator: Dr Duncan Campbell  

Professional Recognition  
This degree meets the requirements for membership of The  
Institution of Engineers, Australia. It is professionally recognised  
by the Hong Kong Institution of Engineers, the UK Institution of  
Electrical Engineers, the Institution of Engineers of Ireland, the  
Institution of Professional Engineers, New Zealand. The  
alternative award name, Bachelor of Engineering (Electrical),  
meets the requirements for membership of the Singapore  
Professional Engineering Board.  

Other Options  
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.
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 certain minimum performance criteria at the end of year 3 of the Bachelor of Engineering course, may be eligible to study two units of the Master of Engineering degree then enrol in the Master of Engineering Science with the two completed units credited towards the Masters program. Successful completion of this course will then lead to obtaining the Master of Engineering Science as well as the Bachelor degree.

Industrial Experience
To graduate, students must complete at least 60 days industrial experience in an engineering environment which is approved by the Course Coordinator. For further information, contact the Student Services Officer at the Faculty Office, S Block, Level 10, Gardens Point: Phone 3864 2191.

Electives
At the discretion of the course coordinator students may be allowed to select an elective from advanced topics offered by the University. Also, potential honours students may, with the approval of the course coordinator, select one elective from the postgraduate degree courses offered by the School of Electrical and Electronic Systems Engineering.

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

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>CEB109 Engineering Mechanics 1</td>
</tr>
<tr>
<td>EEB112 Electrical And Computer Engineering 1</td>
</tr>
<tr>
<td>MAB180 Engineering Mathematics 1</td>
</tr>
<tr>
<td>OR</td>
</tr>
<tr>
<td>MAB131 Engineering Mathematics 1A</td>
</tr>
<tr>
<td>PCB136 Engineering Physics 1C</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 1, Semester 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>BNB007 Professional Studies 1</td>
</tr>
<tr>
<td>EEB212 Electrical And Computer Engineering 2</td>
</tr>
<tr>
<td>MAB132 Engineering Mathematics 1B</td>
</tr>
<tr>
<td>MMB131 Engineering Materials</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 2, Semester 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEB311 Electrical Measurement And Machines</td>
</tr>
<tr>
<td>EEB312 Analog And Digital Electronics</td>
</tr>
<tr>
<td>EEB340 Introduction to Telecommunications</td>
</tr>
<tr>
<td>MAB134 Electrical Engineering Mathematics 3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 2, Semester 2</th>
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</thead>
<tbody>
<tr>
<td>EEB411 Classical Control And Power Generation</td>
</tr>
<tr>
<td>EEB412 Advanced Electronics And Embedded Systems</td>
</tr>
<tr>
<td>EEB440 Classical Signal Processing</td>
</tr>
<tr>
<td>MAB135 Electrical Engineering Mathematics 4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 3, Semester 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEB511 Modern Control And Power Electronics</td>
</tr>
<tr>
<td>EEB512 Industrial Electronics And Digital Design</td>
</tr>
<tr>
<td>EEB560 Digital Communications</td>
</tr>
<tr>
<td>EEB584 Introduction to Design</td>
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</tbody>
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<table>
<thead>
<tr>
<th>Year 3, Semester 2</th>
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</thead>
<tbody>
<tr>
<td>EEB612 Software Systems Design</td>
</tr>
<tr>
<td>EEB641 Fields Transmission And Propagation</td>
</tr>
<tr>
<td>EEB684 Advanced Design</td>
</tr>
<tr>
<td>EEB640 Digital Signal Processing</td>
</tr>
<tr>
<td>EEB650 Power Systems Analysis</td>
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</tbody>
</table>

Course Structure - EE42-Mid-year entry

<table>
<thead>
<tr>
<th>Semester 1 (July)</th>
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</thead>
<tbody>
<tr>
<td>BNB007 Professional Studies 1</td>
</tr>
<tr>
<td>CEB109 Engineering Mechanics 1</td>
</tr>
<tr>
<td>EEB112 Electrical And Computer Engineering 1</td>
</tr>
<tr>
<td>MAB180 Engineering Mathematics 1</td>
</tr>
<tr>
<td>MAB131 Engineering Mathematics 1A</td>
</tr>
<tr>
<td>PCB136 Engineering Physics 1C</td>
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</tbody>
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<table>
<thead>
<tr>
<th>Semester 2 - Summer Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEB212 Electrical And Computer Engineering 2</td>
</tr>
<tr>
<td>MAB132 Engineering Mathematics 1B</td>
</tr>
<tr>
<td>EEB311 Electrical Measurement And Machines</td>
</tr>
<tr>
<td>EEB312 Analog And Digital Electronics</td>
</tr>
<tr>
<td>EEB340 Introduction to Telecommunications</td>
</tr>
<tr>
<td>MAB134 Electrical Engineering Mathematics 3</td>
</tr>
<tr>
<td>MMB131 Engineering Materials</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEB411 Classical Control And Power Generation</td>
</tr>
<tr>
<td>EEB412 Advanced Electronics And Embedded Systems</td>
</tr>
<tr>
<td>EEB440 Classical Signal Processing</td>
</tr>
<tr>
<td>MAB135 Electrical Engineering Mathematics 4</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>Semester 5</th>
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</thead>
<tbody>
<tr>
<td>EEB511 Modern Control And Power Electronics</td>
</tr>
<tr>
<td>EEB512 Industrial Electronics And Digital Design</td>
</tr>
<tr>
<td>EEB560 Digital Communications</td>
</tr>
<tr>
<td>EEB584 Introduction to Design</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEB612 Software Systems Design</td>
</tr>
<tr>
<td>EEB641 Fields Transmission And Propagation</td>
</tr>
<tr>
<td>EEB684 Advanced Design</td>
</tr>
<tr>
<td>Select one of:</td>
</tr>
<tr>
<td>EEB640 Digital Signal Processing</td>
</tr>
<tr>
<td>EEB650 Power Systems Analysis</td>
</tr>
</tbody>
</table>

Students must complete 60 days Industrial Experience before Graduation.

Electives
Select one of:

<table>
<thead>
<tr>
<th>Electives</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEB904 Advanced Topics in Electrical Engineering A</td>
</tr>
<tr>
<td>EEB905 Advanced Topics in Electrical Engineering B</td>
</tr>
<tr>
<td>EEB911 Electrical Energy Systems</td>
</tr>
<tr>
<td>EEB941 Modern Signal Processing</td>
</tr>
</tbody>
</table>
**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  

**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**  
EEB220 Electrical Engineering 2m  
MMB281 Fundamentals of Mechanical Design  
MAB133 Engineering Mathematics 3  

**Year 3, Semester 1**  
MMB371 Manufacturing Processes  
MMB373 Professional Practice I  
ITB221 3GL Systems  

**Year 3, Semester 2**  
MMB473 Professional Practice III  
3 Electives  

**Year 4, Semester 1**  
MMB272 Quality and Reliability Engineering  
ITB225 Introduction to Databases  
MMB252 Thermofluids  
MMB232 Materials Technology  

**Year 3, Semester 1**  
MMB371 Manufacturing Processes  
MMB373 Professional Practice I  
MMB373 Industrial Engineering  
ITB221 3GL Systems  

**Year 3, Semester 2**  
MMB476 Operations Management  
ITB827 Fundamentals of Enterprise Systems  
MMB376 Professional Practice II  

**Year 4, Semester 1**  
MMB473 Professional Practice III  
3 Electives  

**Year 4, Semester 2**  
MMB400 Industry Project  

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**Bachelor of Engineering (Engineering Management and Information Systems) (ME43)**  
Award title: Bachelor of Engineering (Engineering Management and Information Systems)  
CRICOS code: 040311J  
Location: Gardens Point  
Course duration (full-time): 4 years  
Total credit points: 384  

**Course Structure**

**Year 1, Semester 1**  
CEB109 Engineering Mechanics 1  
MMB131 Engineering Materials  

**Year 1, Semester 2**  
EEB112 Electrical And Computer Engineering 1  
MAB132 Engineering Mathematics 1B  
MMB112 Dynamics  

**Year 2, Semester 1**  
EEB212 Electrical And Computer Engineering 2  
MAB133 Engineering Mathematics 2  

**Year 2, Semester 2**  
MMB272 Quality and Reliability Engineering  
ITB225 Introduction to Databases  
MMB252 Thermofluids  
MMB232 Materials Technology  

**Year 3, Semester 1**  
MMB371 Manufacturing Processes  
MMB373 Professional Practice I  
ITB221 3GL Systems  

**Year 3, Semester 2**  
MMB476 Operations Management  
ITB827 Fundamentals of Enterprise Systems  
MMB376 Professional Practice II  

**Year 4, Semester 1**  
MMB473 Professional Practice III  
3 Electives  

**Year 4, Semester 2**  
MMB400 Industry Project  

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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.  

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**Bachelor of Engineering (Engineering Management and Information Systems) (ME43)**  
Award title: Bachelor of Engineering (Engineering Management and Information Systems)  
CRICOS code: 040311J  
Location: Gardens Point  
Course duration (full-time): 4 years  
Total credit points: 384  

**Course Structure**

**Year 1, Semester 1**  
CEB109 Engineering Mechanics 1  
MMB131 Engineering Materials  

**Year 1, Semester 2**  
EEB112 Electrical And Computer Engineering 1  
MAB132 Engineering Mathematics 1B  
MMB112 Dynamics  

**Year 2, Semester 1**  
EEB212 Electrical And Computer Engineering 2  
MAB133 Engineering Mathematics 2  

**Year 2, Semester 2**  
MMB272 Quality and Reliability Engineering  
ITB225 Introduction to Databases  
MMB252 Thermofluids  
MMB232 Materials Technology  

**Year 3, Semester 1**  
MMB371 Manufacturing Processes  
MMB373 Professional Practice I  
ITB221 3GL Systems  

**Year 3, Semester 2**  
MMB476 Operations Management  
ITB827 Fundamentals of Enterprise Systems  
MMB376 Professional Practice II  

**Year 4, Semester 1**  
MMB473 Professional Practice III  
3 Electives  

**Year 4, Semester 2**  
MMB400 Industry Project
■ Bachelor of Engineering (Environmental Management) (CE46)

Award title: Bachelor of Engineering (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 will be sought from the Institution of Engineers, Australia (IEAust).

Articulation to Masters of Engineering
Subject to University approval, students achieving a certain minimum performance GPA>5 at the end of year 3 of the Bachelor of Engineering course, may be eligible to study two units of the Master of Engineering degree then enrol in the Master of Engineering Science with the two completed units credited towards the Masters program. Successful completion of this course will lead to obtaining the Master of Engineering Science as well as the Bachelor degree.

Minors
Subject to the approval of the course coordinator, students may be able to choose a minor area of study. A minor is a collection of four units from the one study area, that totals 48 credit points. This will not affect the total number of credit points required for course completion. Students may choose from the list of minors, available from the office of the Faculty of Built Environment and Engineering.

Course Structure
Year 1, Semester 1
CEB109 Engineering Mechanics 1
MAB180 Engineering Mathematics 1
MAB180 Engineering Mathematics 1A
CEB213 Environmental Science
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
Please note: MAB132: students must have Maths C.

Year 2, Semester 1
CEB207 Professional Studies 2
MAB138 Engineering Statistics And Numerical Methods
CEB232 Geotechnical Engineering 1 And The Environment
CEB230 Materials Engineering And The Environment

Year 2, Semester 2
CEB215 Structural Engineering
CEB217 Hydraulic Engineering 1
PCB136 Engineering Physics 1C
CEB233 Environmental Professional Studies 3 (Impacts of Projects And Sustainable Development)

Year 3, Semester 1
Students who wish to take a minor in 4th year, must consult with the Course Coordinator early in their 3rd year.
CEB317 Professional Studies 4
CEB319 Water Engineering
PSB435 Social And Cultural Relations
CEB330 Environmental Management For Engineers

Year 3, Semester 2
CEB321 Water And Wastewater Treatment
CEB322 Geotechnical Engineering 2
CEB418 Waste Resource Management
CEB419 Environmental Management in Transport & Infrastructure

Year 4, Semester 1
CEB409 Professional Studies 6 (Civil Projects Design)
CEB420 Environmental Thesis A or Elective
CEB416 Environmental Law And Assessment
Choose 1 Elective from the list below

Year 4, Semester 2
CEB420 Thesis A or Elective for those who have completed CEB420
PSB443 Population And Urban Studies
Elective
Elective
CEB415, CEB417, PSB443 or Electives may be substituted for a minor with course coordinators approval
To graduate students must complete 60 days Industrial Experience.

Electives
Semester 1
CEB523 Environmental Geotechnology
PSB435 Social And Cultural Relations
PSX501 Environmental Planning And Assessment

Semester 2
CEB415 Thesis Project B
CEB417 Environmental Professional Studies
PSX453 Urban Systems And The Physical Environment

■ 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
Professional accreditation from The Institution of Engineers, Australia (IEAust) has been sought.

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 certain minimum performance criteria at the end of year 3 of the Bachelor of Engineering course, may be eligible to study two units of the Master of Engineering degree then enrol in the Master of Engineering Science with the two completed units credited towards the Masters program. Successful completion of this course will then lead to obtaining the Master of Engineering Science as well as the Bachelor degree.

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
MAB112 Dynamics

Year 2, Semester 1
EEB312 Analog And Digital Electronics
ITB411 Software Development 2
MAB134 Engineering Mathematics 3

Q U T H A N D B O O K 2 0 0 2 • P A G E 7 6
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  
MMB221 Mechanics 1  
MMB371 Manufacturing Processes  
Elective  
**Year 3, Semester 2**  
EEB411 Classical Control And Power Generation  
ITB427 Concurrent And Distributed Systems  
MMB212 Mechanics 2  
MMB374 Design For Manufacturing 1  
**Year 4, Semester 1**  
EEB521 Digital Systems And Control  
ITB487 Computational Intelligence for Control & Embedded Systems  
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  
**Total credit points:** 360  
**Standard credit points per semester (full-time):** 48  
**Course coordinator:** Dr Peter Ridley

#### 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.

#### 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 certain minimum performance criteria at the end of year 3 of the Bachelor of Engineering course, may be eligible to study two units of the Master of Engineering degree then enrol in the Master of Engineering Science with the two completed units credited towards the Masters program. Successful completion of this course will then lead to obtaining the Master of Engineering Science as well as the Bachelor 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. 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  
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  
MAB112 Dynamics

#### Year 2, Semester 1  
MAB133 Engineering Mathematics 2  
MMB131 Engineering Materials

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**CRICOS code:** 003490G  
**Award title:** Bachelor of Engineering (Mechanical)  
**Location:** Gardens Point  
**Course duration (full-time):** 4 years  
**Course duration (part-time):** 6 to 8 years

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Course Structure

**Year 2, Semester 2**
- MAB136 Engineering Statistics
- MMB212 Mechanics 2
- MMB232 Materials Technology
- MMB252 Thermofluids
- EEB112 Electrical And Computer Engineering 1

**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 Electives**
- MMB401 Internal Project (Part 1)
- MMB401 Internal Project (Part 2)
- MMB409/1 Project
- MMB409/2 Project

**Group B Electives**
- MMB450 Air Conditioning
- MMB451 Advanced Automatic Control
- MMB470 Operations Management

**Group C Electives**
- MMB470 Operations Management And Maintenance
- MMB476 Engineering Asset Management And Maintenance
- Any unit approved by the Course Coordinator.

**Bachelor of Engineering (Mechanical) (ME48)**

**Conversion Program from Bachelor of Technology ME36 (ME41)**

**Location:** Gardens Point  
**Course duration (full-time):** 4 years  
**Total credit points:** 384  
**Course coordinator:** Dr. Peter Ridley

**Professional Recognition**
This course is accredited by The Institution of Engineers, Australia (IEAust). Graduates are eligible to be graduate members of IEAust and fulfill academic requirements for membership of its College of Biomedical Engineers.

**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 units of the Master of Engineering degree then enrol in the Master of Engineering Science with the two completed units credited towards the Masters program. Successful completion of this course will then lead to obtaining the Master of Engineering Science as well as the Bachelor degree.

**Industrial Experience**
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.

**Course Structure**

**Year 1, Semester 1**
- LSB142 Human Anatomy And Physiology
- MMB131 Engineering Materials
- MMB191 Introduction to Engineering In The Medical Environment
- MAB131 Engineering Mathematics 1A
- or MAB180 Engineering Mathematics 1
- MAB132 Engineering Mathematics 1B
- MMB112 Dynamics
- MMB131 Engineering Materials
- EEB112 Electrical And Computer Engineering 1

**Year 2, Semester 2**
- MBB211 Mechanics 1
- MBB252 Thermofluids
- MBB292 Biomaterials
- CEB109 Engineering Mechanics 1
- MBB311 Mechanics 3
- MBB352 Fluid Mechanics
- MBB371 Manufacturing Processes
- MBB392 Biomedical Engineering Design 2
- MBB400 Industry Project

**Year 3, Semester 1**
- PCB136 Engineering Physics 1C
- MBB474 Functional Anatomy
- MAB133 Engineering Mathematics 2
- MMB211 Mechanics 1
- MMB281 Fundamentals of Mechanical Design
- MGB007 Engineering Management
- MMB287 Biomedical Instrumentation
- MMB292 Biomaterials
- MMB391 Biomechanical Engineering Systems

**Year 3, Semester 2**
- MBB400 Industry Project
- MBB470 Engineering Asset Management And Maintenance
- Elective from list A

**Year 4, Semester 2**
- MBB409/2 Project
be able to choose a minor area of study. A minor is a collection of
Minors in order to graduate.

ITB421 Software Development 3
EEB584 Introduction to Design
EEB560 Digital Communications

Year 3, Semester 1
ITB766 Communication Technologies
EEB781 Professional Studies 2
EEB889/1 Project
Elective unit 1

Year 4, Semester 2
EEB889/2 Project
EEP960 Wireless Communications

General Elective
Elective unit 2

Students must complete 60 days work experience before graduating.

■ 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: Mr Stuart Ross

Professional recognition
Graduates with related 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 Institute of Chartered Surveyors and has been recommended for accreditation by the Singapore Institute of Surveyors and Valuers.

Special Note
Students may elect to complete their studies on the completion of 3 years (or flexible full-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 fourth year program may graduate with honours according to their overall grade point average.

Special course requirements
All students must undertake 60 days professional work experience during the course as part of CNB390 Professional Practice. All work experience is to 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 course coordinator upon request.
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.

Flexible Mode
Students may take up to 3 units per semester from the full-time timetable.

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.
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 Institute of Engineering and Mining Surveyors, Australia. The degree also satisfies the academic requirements of the Surveyors Board of Queensland as leading to registration and licensing as a Surveyor. The degree is recognised by the Mapping Sciences Institute, Australia, as satisfying academic membership requirements. Overseas: Surveying graduates are readily accepted internationally.

Special Course Requirements
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. Industrial Experience Record Forms are available from the School of Design and Built Environment, Level 5, D Block, Gardens Point Campus or the Faculty Industrial Experience Officer, Level 10, S Block, Gardens Point.

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

Semester 1
- CNB190 Introductory Studies
- CNB191 Property Law 1
- BSB113 Economics
- CNB192 Building Studies 1

Semester 2
- EFB102 Economics 2
- CNB193 Property Law 2
- CNB194 Principles of Property Valuation
- MAB107 Introductory Mathematics and Statistics

Semester 3
- CNB290 Building Studies 2
- CNB291 Urban Economics
- CNB292 Property Investment Valuation
- CNB293 Real Estate Accounting and Taxation

Semester 4
- EFB210 Finance 1
- CNB294 Real Estate Agency and Marketing
- CNB295 Planning Theory and Processes
- CNB296 Contemporary Issues

Semester 5
- CNB390 Professional Practice
- CNB391 Statutory and Specialist Valuation
- EFB307 Finance 2

Semester 6
- CNB392 Property Investment Analysis
- CNB393 Property and Asset Management
- CNB394 Property Development
- CNB395 Research Methods

Semester 7 & 8
- EFB490/1 Research Dissertation
- EFB490/2 Research Dissertation
- 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

Course Structure

Year 1, Semester 1
- MAB100 Mathematical Sciences 1A
- PSB412 Computer Skills
- PSB414 Professional Skills 1
- PSB424 Land Science

Year 1, Semester 2
- EFB312 International Finance and Economics
- MGB207 Human Resource Issues and Strategy
- PSB610 Government And Law
- PSB620 Cadastral Surveying And Mapping
- PSB630 Cartography And Digital Mapping

Year 2, Semester 2
- EFB318 Portfolio and Security Analysis
- CNB390 Professional Practice
- CNB391 Statutory and Specialist Valuation
- EFB307 Finance 2

Year 3, Semester 1
- CNB296 Contemporary Issues
- CNB295 Planning Theory and Processes
- CNB294 Real Estate Agency and Marketing
- EFB210 Finance 1

Year 3, Semester 2
- CNB293 Real Estate Accounting and Taxation
- CNB292 Property Investment Valuation
- CNB291 Urban Economics
- CNB290 Building Studies 2

Year 4, Semester 1
- CNB390 Professional Practice
- CNB391 Statutory and Specialist Valuation
- EFB307 Finance 2
- CNB294 Real Estate Agency and Marketing
- EFB210 Finance 1

Year 4, Semester 2
- CNB392 Property Investment Analysis
- CNB393 Property and Asset Management
- CNB394 Property Development
- CNB395 Research Methods

Year 5
- EFB307 Finance 2
- CNB391 Statutory and Specialist Valuation
- EFB307 Finance 2
- CNB294 Real Estate Agency and Marketing
- EFB210 Finance 1

Year 6
- CNB392 Property Investment Analysis
- CNB393 Property and Asset Management
- CNB394 Property Development
- CNB395 Research Methods

Year 7 & 8
- EFB490/1 Research Dissertation
- EFB490/2 Research Dissertation
- 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

List of Approved Electives

Year 3, Semester 1
- PSB613 Land Development Principles And Policies
- PSB612 Photogrammetry

Year 4, Semester 1
- PSB614 Urban And Rural Design Principles
- PSB633 Map Production: Principles And Practice

Year 4, Semester 2
- PSB615 Urban And Rural Design Practice
- PSB621 Advanced Cadastral Surveying

Year 4, Semester 3
- PSB652 Topics in Land Administration
- PSB655 Remote Sensing

Year 4, Semester 4
- PSB654 Topics in Geographic Information Systems
- PSB650 Project 1
Bachelor of Technology (Mechanical)

Conversion Program (ME36)

Award title: Bachelor of Technology (Mechanical)

CRICOS code: 020303G

Location: Gardens Point

Course duration (full-time): 1.5 Years

Course duration (part-time): 3 Years

Total credit points: 144

Course coordinator: Dr Vladis Kosse

Professional Recognition

Preliminary accreditation has been granted by The Institution of Engineers, Australia (IEAust). Full recognition will be sought this year. When full recognition has been gained, graduates will be 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.

Special Course Requirements

Students must obtain at least 50 days of industrial experience with a minimum of 25 days in a engineering environment approved by the course coordinator.

Students will be permitted to articulate to the Bachelor of Engineering (Mechanical) in mid-course only after completion of 48 credit points with a grade point average of 5.5 or above in the Bachelor of Technology (Mechanical) - see articulation course structure.

Course Structure

Year 1, Semester 1

PSB610 Government And Law

PSB620 Cadastral Surveying And Mapping

PSB630 Cartography And Digital Mapping

PSB641 Professional Skills 1

PSB652 Topics in Land Administration

Year 2, Semester 1

PSB611 Introduction to Urban And Regional Economics

PSB642 Control Surveying And Analysis

PSB644 Advanced Geodesy

Year 3, Semester 1

PSB612 Spatial And Land Information Management

PSB645 Surveying And Mapping Practice

PSB646 Surveying Computations

Year 3, Semester 2

PSB613 Land Development Principles And Policies

PSB631 Geographic Information Systems 1

MMB111 Mechanical Engineering Science

Year 4, Semester 1

PSB642 Environmental Science

PSB643 Geodesy

Elective

Elective

Year 4, Semester 2

PSB615 Urban And Rural Design Practice

PSB621 Advanced Cadastral Surveying

PSB645 Surveying And Mapping Practice

Elective

Elective

List of Approved Electives

Year 3, Semester 1

PSB555 Remote Sensing

Year 3, Semester 2

PSB552 Topics in Land Administration

Year 4, Semester 1

PSB555 Remote Sensing

PSB554 Topics in Geographic Information Systems

Year 4, Semester 2

PSB552 Topics in Land Administration

PSB553 Topics in Surveying Engineering

Year 5, Semester 2

PSB555 Remote Sensing

PSB554 Topics in Geographic Information Systems

Year 6, Semester 2

PSB555 Remote Sensing

PSB554 Topics in Geographic Information Systems

Bachelor of Technology (Mechanical)

(ME36)

Award title: Bachelor of Technology (Mechanical)

CRICOS code: 020303G

Location: Gardens Point

Course duration (full-time): 3 Years

Total credit points: 288

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

Course coordinator: Dr Vladis Kosse

Professional Recognition

Provisional accreditation has been granted by The Institution of Engineers, Australia (IEAust). Full recognition will be sought from the IEAust this year. When full recognition has been gained, graduates will be eligible for affiliate membership of the IEAust, 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 associate diploma (or equivalent) in Mechanical Engineering or a relevant tertiary qualification (eg. Bachelor of Science or CAE Diploma) will receive credit of 144 credit points. Students must apply for credit of 144 credit points 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.
Students wishing to enrol part-time must consult with the course coordinator regarding their enrolment.

**Course Structure**

**Year 1, Semester 1**
- MMB281 Fundamentals of Mechanical Design
- MMB371 Manufacturing Processes

**Year 1, Semester 2**
- MGB207 Human Resource Issues And Strategy
- MMB112 Dynamics

**Year 2, Semester 1**
- EEB220 Electrical Engineering 2m
- MMB211 Mechanics 1

**Year 2, Semester 2**
- MMB232 Materials Technology
- MMB252 Thermofluids

**Year 3, Semester 1**
- BSB115 Management, People And Organisations
- MMB302 Project 2t

**Year 3, Semester 2**
- MMB212 Mechanics 2
- MMB312 Mechanical Measurement
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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
- 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 prestigious regional business magazine, Asia Week, as one of the highest ranking programs in the country.

In 2001, we launched the Executive MBA, an intensive, flexibly delivered program designed for Senior Executives, Managing Directors, COOs, and CEOs that culminates in a ten day study tour to China. And we also introduced double degree options, allowing you to add a 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: Professor Sandra Harding, BSc(Hons) ANU, MPubAdmin Qld, PhD North Carolina State, FAICD, FAIM

Assistant Dean/Director of Graduate Studies: Dr Jennifer Radbourne, CertT BA MA PhD Qld, LSDA (Aust), ATCL (Lond)

Director of Research & Development: Professor Neal Ryan, BSc MSc MPhil PhD Griff.

Director of Undergraduate Studies: Andrew Paltridge, BEd(Hons) MEdSt Qld GradCert(HigherEd) Griff.

Academic Services Manager: Ms Kathleen O’Hare, BA DipEd Qld

Brisbane Graduate School of Business

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

Director of MBA Program: Dr Jeremy Williams, BA(Econ)(Hons) DipMgmtStuds CNAA, PGCE Hull, MA(Econ) Leeds, PhD UNE
School of Accountancy  
*Head:* Professor P. Little, LLB LLM *Qld*, Barrister-at-Law  
*Professor:* Roger Willett, BA(Hons) UEA, PhD *Aberdeen*, FCA (ICAEW)  
*Associate Professors:*  
P. Best, BCom(Hons) *Qld*, MEngSc *N’clet*(NSW), PhD *QUT*, FCPA, ICA, MACS  
M. McGregor-Lowndes, BA LLB *Qld*, MAdmin., PhD Griff, JP, Solicitor of Supreme Court of Queensland and High Court of Australia

School of Advertising, Marketing and Public Relations  
*Head:* Professor Charles Patti, BA, MS, PhD *Ill.*  
*Associate Professors:*  
G.H. Hearn, BSc, BSc(Hons), PhD *Qld*  
J.L. Everett, BA *Michigan*, MA PhD *Colorado*

School of Economics and Finance  
*Head:* Professor Allan Layton, BEcon(Hons) MEcon PhD *Qld*  
*Professor:* A.S. Hurn, BCom(Hons) *Natal*, DPhil *Oxon.*  
*Associate Professors:*  
M.L. Robinson, BA(Hons) *Syd.*, MCom(Econ) *Melb.*, PhD ANU  
T.J.C. Robinson, BEcon(Hons) PhD *Qld*

School of Management  
*Head:* Professor Boris Kabanoff, BA(Hons) *Qld*, PhD *Flinders*  
*Professors:*  
R.D. Scott, BA(Hons) DipPubAdmin *Tas.*, DPhil *Oxon.*, FACE  
N. Ryan, BSc, MSc MPhil PhD *Griff.*  
*Associate Professor:* T. Williams, BA(Hons), MA *Melb.*, PhD *W.Aust.*

School of International Business  
*Head:* Vacant  
*Professors:*  
N. Arnold, BMus MSc *Southern Ill.*, ReD *Indiana*, FAMI, CMC, AIMC  
W. Renforth, AB *Rollins College*, MBA *Crummer*, MS, MBA *DBA Indiana*

**RESEARCH CENTRES**

**Australian Centre in Strategic Management**  
The Australian Centre in Strategic Management in the School of Management, Faculty of Business is a Centre of Teaching and Research established at QUT in 1989 under the Australian Research Council’s Key Centre program. It spans the industry/university boundary, working with business solutions to enhance organisational performance.  
The centre offers a broad range of client and information services to organisations in its research areas of strategic leadership and work effectiveness. The services include joint industry research and public seminars.  
PhD applications area welcome, pending the availability of appropriate staff, in the areas of:  
- strategy  
- organisational change  
- organisational behaviour  
- human resource management  
- public policy/public management  
*Director:* Robert Walderssee, BA, MA(Psyh) *Syd.*, MA(ClinPsych), PhD *UN-L*  
*Principal Research Fellow:* Mark Griffin, BA MEd *Melb.*, PhD *Penn.St.*  
Phone: +61 7 3864 2539  
Fax: +61 7 3864 1766
■ 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: Dr Jennifer Radbourne
Discipline coordinator: Mr Mark Christensen

Entry Requirements
An undergraduate degree from an area other than finance from a recognised tertiary institution, or equivalent qualification. A limited number of places are available for those who have successfully completed a Graduate Certificate in Business with a major in finance, or the equivalent of a postgraduate diploma in finance offered by a professional organisation. Applicants without formal tertiary qualifications but with extensive and/or relevant employment experience may be considered for special entry but will first complete the Graduate Certificate in Business (Finance).

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 Finance and Treasury Association.

Full-time Course Structure

**Year 1, Semester 1**
- EFN405 Managerial Economics
- EFN406 Managerial Finance
- MGN409 Introduction to Management
- Elective unit

**Year 1, Semester 2**
- EFN413 Securities Law
- EFN414 International Finance
- EFN415 Security Analysis
- Elective unit

**Year 2, Semester 1**
- BSN404 Project 1
- EFN412 Advanced Managerial Finance
- EFN416 Treasury and Portfolio Management
- EFN505 Financial Risk Management

Electives may be chosen from available Faculty of Business postgraduate units, subject to approval.

Part-time Course Structure

**Year 1, Semester 1**
- EFN405 Managerial Economics
- EFN406 Managerial Finance

**Year 1, Semester 2**
- EFN414 International Finance
- EFN415 Security Analysis

**Year 2, Semester 1**
- EFN412 Advanced Managerial Finance
- MGN409 Introduction to Management

**Year 2, Semester 2**
- EFN413 Securities Law
- Elective Unit

**Year 3, Semester 1**
- EFN505 Financial Risk Management
- Elective Unit

■ Master of Business (Research) - Accountancy (BS99)
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: Professor Neal Ryan, Director of Research and Development
Discipline coordinator: Prof Roger Willett

Entry Requirements
If applicants have an Honours degree, (at level 2B or better) it must be relevant to the chosen discipline for the Master of Business (Research); or if applicants are entering from a pass degree, their undergraduate degree must include a major in an approved area, plus a grade point average of 5 or more on a 7 point scale; or applicants can present a case based on evidence of qualifications that demonstrates the applicants capacity to pursue the course of study.

In addition to assessing qualifications, the Faculty must also be satisfied that adequate supervision and resources are available to support the applicants proposed research.

Research Proposal - the application for admission to the Master of Business (Research) must include details of the proposed research project.

Course Design
Assessment is essentially based on a program of supervised research and investigation, culminating in production of a thesis. If students have not completed an Honours program, they will have to undertake assessed coursework to support the research and thesis preparation. If applicants have an approved Honours degree, they will normally be exempt from the 48 credit points of coursework. Students may be required to participate in and present seminars if the Principal Supervisor thinks it desirable. The thesis should be either an original contribution to knowledge or an original application of existing knowledge. It will be between 40,000 and 50,000 words long, with an upper limit of 55,000 words. The Master of Business (Research) degree can provide an alternative entry route to the Doctor of Philosophy program. If progress is satisfactory, students can apply to transfer to PhD candidature after a years full-time enrolment in the Research Masters.

**Course Structure**

**Compulsory Unit**
- BSN507 Research Methods

**Units in Accountancy**
- Two of the following units:
  - AYN505 Accounting Honours - A
  - AYN506 Accounting Honours - B
  - AYN507 Business Law Honours

**Elective**
The elective unit may be taken from any 12 credit point postgraduate unit offered by the Schools of Accountancy, Economics and Finance, or by other schools within the Faculty of Business, subject to approval by the Major Coordinator.

**Compulsory Thesis**
- BSN600 Thesis
Master of Business (Research) - Advertising (BS92)

Award title: Master of Business (Research)
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: Professor Neal Ryan, Director of Research and Development
Discipline coordinator: Associate Professor Jim Everett

Entry Requirements
If applicants have an Honours degree, (at level 2B or better) it must be relevant to the chosen discipline for the Master of Business (Research); or if applicants are entering from a pass degree, their undergraduate degree must include a major in an approved area, plus a grade point average of 5 or more on a 7 point scale; or applicants can present a case based on evidence of qualifications that demonstrates the applicants capacity to pursue the course of study.

In addition to assessing qualifications, the Faculty must also be satisfied that adequate supervision and resources are available to support the applicants proposed research.

Research Proposal - the application for admission to the Master of Business (Research) must include details of the proposed research project.

Course Design
Assessment is essentially based on a program of supervised research and investigation, culminating in production of a thesis. If students have not completed an Honours program, they will have to undertake assessed coursework to support the research and thesis preparation. If applicants have an approved Honours degree, they will normally be exempt from the 48 credit points of coursework. Students may be required to participate in and present seminars if the Principal Supervisor thinks it desirable.

Course Structure
BSN502 Research Methodology
Advertising Unit
Elective
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: Professor Neal Ryan, Director of Research and Development
Discipline coordinator: Professor Stan Hurn

Entry Requirements
If applicants have an Honours degree, (at level 2B or better) it must be relevant to the chosen discipline for the Master of Business (Research); or if applicants are entering from a pass degree, their undergraduate degree must include a major in an approved area, plus a grade point average of 5 or more on a 7 point scale; or applicants can present a case based on evidence of qualifications that demonstrates the applicants capacity to pursue the course of study.

In addition to assessing qualifications, the Faculty must also be satisfied that adequate supervision and resources are available to support the applicants proposed research.

Research Proposal - the application for admission to the Master of Business (Research) must include details of the proposed research project.

Course Design
Assessment is essentially based on a program of supervised research and investigation, culminating in production of a thesis. If students have not completed an Honours program, they will have to undertake assessed coursework to support the research and thesis preparation. If applicants have an approved Honours degree, they will normally be exempt from the 48 credit points of coursework. Students may be required to participate in and present seminars if the Principal Supervisor thinks it desirable.

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 Schools of Accountancy, and Economics and Finance, or by other schools within the Faculty of Business, subject to the approval of the Major Coordinator
Compulsory 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: Professor Neal Ryan, Director of Research and Development
Discipline coordinator: Prof Stan Hurn

Entry Requirements
If applicants have an Honours degree, (at level 2B or better) it must be relevant to the chosen discipline for the Master of Business (Research); or if applicants are entering from a pass degree, their undergraduate degree must include a major in an approved area, plus a grade point average of 5 or more on a 7 point scale; or applicants can present a case based on evidence of qualifications that demonstrates the applicants capacity to pursue the course of study.

In addition to assessing qualifications, the Faculty must also be satisfied that adequate supervision and resources are available to support the applicants proposed research.

Research Proposal - the application for admission to the Master of Business (Research) must include details of the proposed research project.

Course Design
Assessment is essentially based on a program of supervised research and investigation, culminating in production of a thesis. If students have not completed an Honours program, they will have to undertake assessed coursework to support the research and thesis preparation. If applicants have an approved Honours degree, they will normally be exempt from the 48 credit points of coursework. Students may be required to participate in and present seminars if the Principal Supervisor thinks it desirable.

The thesis should be either an original contribution to knowledge or an original application of existing knowledge. It will be between 40,000 and 50,000 words long, with an upper limit of 55,000 words. The Master of Business (Research) degree can provide an alternative entry route to the Doctor of Philosophy program. If progress is satisfactory, students can apply to transfer to PhD candidature after a years full-time enrolment in the Research Masters.

Course Structure
BSN502 Research Methodology
Advertising Unit
Elective
BSN600 Thesis
point scale; or applicants can present a case based on evidence of qualifications that demonstrates the applicants capacity to pursue the course of study.

In addition to assessing qualifications, the Faculty must also be satisfied that adequate supervision and resources are available to support the applicants proposed research.

Research Proposal - the application for admission to the Master of Business (Research) must include details of the proposed research project.

Course Design
Assessment is essentially based on a program of supervised research and investigation, culminating in production of a thesis. If students have not completed an Honours program, they will have to undertake assessed coursework to support the research and thesis preparation. If applicants have an approved Honours degree, they will normally be exempt from the 48 credit points of coursework. Students may be required to participate in and present seminars if the Principal Supervisor thinks it desirable. The thesis should be either an original contribution to knowledge or an original application of existing knowledge. It will be between 40,000 and 50,000 words long, with an upper limit of 55,000 words. The Master of Business (Research) degree can provide an alternative entry route to the Doctor of Philosophy program. If progress is satisfactory, students can apply to transfer to PhD candidature after a years full-time enrolment in the Research Masters.

Course Structure

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(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: Professor Neal Ryan, Director of Research and Development
Discipline coordinator: Professor Robert Walderssee

Entry Requirements
If applicants have an Honours degree, (at level 2B or better) it must be relevant to the chosen discipline for the Master of Business (Research); or if applicants are entering from a pass degree, their undergraduate degree must include a major in an approved area, plus a grade point average of 5 or more on a 7 point scale; or applicants can present a case based on evidence of qualifications that demonstrates the applicants capacity to pursue the course of study.

In addition to assessing qualifications, the Faculty must also be satisfied that adequate supervision and resources are available to support the applicants proposed research.

Research Proposal - the application for admission to the Master of Business (Research) must include details of the proposed research project.

Course Design
Assessment is essentially based on a program of supervised research and investigation, culminating in production of a thesis. If students have not completed an Honours program, they will have to undertake assessed coursework to support the research and thesis preparation. If applicants have an approved Honours degree, they will normally be exempt from the 48 credit points of coursework. Students may be required to participate in and present seminars if the Principal Supervisor thinks it desirable. The thesis should be either an original contribution to knowledge or an original application of existing knowledge. It will be between 40,000 and 50,000 words long, with an upper limit of 55,000 words. The Master of Business (Research) degree can provide an alternative entry route to the Doctor of Philosophy program. If progress is satisfactory, students can apply to transfer to PhD candidature after a years full-time enrolment in the Research Masters.

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 students 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: Professor Neal Ryan, Director of Research and Development
Discipline coordinator: Dr Beverley Kitching

Entry Requirements
If applicants have an Honours degree, (at level 2B or better) it must be relevant to the chosen discipline for the Master of Business (Research); or if applicants are entering from a pass degree, their undergraduate degree must include a major in an approved area, plus a grade point average of 5 or more on a 7 point scale; or applicants can present a case based on evidence of qualifications that demonstrates the applicants capacity to pursue the course of study.

In addition to assessing qualifications, the Faculty must also be satisfied that adequate supervision and resources are available to support the applicants proposed research.

Research Proposal - the application for admission to the Master of Business (Research) must include details of the proposed research project.

Course Design
Assessment is essentially based on a program of supervised research and investigation, culminating in production of a thesis. If students have not completed an Honours program, they will have to undertake assessed coursework to support the research and
Course Structure

**Compulsory Units**

- BSN502 Research Methodology
- BSN503 Research Seminar

**International Business Units**

- IBNxxx International Business unit
- IBNxxx International Business unit

Please contact the Major Coordinator for the list of available units.

**Compulsory Thesis**

BSN600 Thesis

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**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:** Professor Neal Ryan, Director of Research and Development

**Discipline coordinator:** Professor Robert Waldersee

**Entry Requirements**

If applicants have an Honours degree, (at level 2B or better) it must be relevant to the chosen discipline for the Master of Business (Research); or if applicants are entering from a pass degree, their undergraduate degree must include a major in an approved area, plus a grade point average of 5 or more on a 7 point scale; or applicants can present a case based on evidence of qualifications that demonstrates the applicants capacity to pursue the course of study.

In addition to assessing qualifications, the Faculty must also be satisfied that adequate supervision and resources are available to support the applicants proposed research.

Research Proposal - the application for admission to the Master of Business (Research) must include details of the proposed research project.

**Course Design**

Assessment is essentially based on a program of supervised research and investigation, culminating in production of a thesis. If students have not completed an Honours program, they will have to undertake assessed coursework to support the research and thesis preparation. If applicants have an approved Honours degree, they will normally be exempt from the 48 credit points of coursework. Students may be required to participate in and present seminars if the Principal Supervisor thinks it desirable.

The thesis should be either an original contribution to knowledge or an original application of existing knowledge. It will be between 40,000 and 50,000 words long, with an upper limit of 55,000 words. The Master of Business (Research) degree can provide an alternative entry route to the Doctor of Philosophy program. If progress is satisfactory, students can apply to transfer to PhD candidature after a years full-time enrolment in the Research Masters.

**Course Structure**

**Compulsory Units**

- BSN502 Research Methodology
- BSN503 Research Seminar

**Two units from students chosen area of study**

- MGN501 Readings in Management
- MGN507 Contemporary Issues in Management

**Compulsory Thesis**

BSN600 Thesis

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**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 (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:** Professor Neal Ryan, Director of Research and Development

**Discipline coordinator:** Dr Beverley Kitching

**Entry Requirements**

If applicants have an Honours degree, (at level 2B or better) it must be relevant to the chosen discipline for the Master of Business (Research); or if applicants are entering from a pass degree, their undergraduate degree must include a major in an approved area, plus a grade point average of 5 or more on a 7 point scale; or applicants can present a case based on evidence of qualifications that demonstrates the applicants capacity to pursue the course of study.

In addition to assessing qualifications, the Faculty must also be satisfied that adequate supervision and resources are available to support the applicants proposed research.

Research Proposal - the application for admission to the Master of Business (Research) must include details of the proposed research project.

**Course Design**

Assessment is essentially based on a program of supervised research and investigation, culminating in production of a thesis. If students have not completed an Honours program, they will have to undertake assessed coursework to support the research and thesis preparation. If applicants have an approved Honours degree, they will normally be exempt from the 48 credit points of coursework. Students may be required to participate in and present seminars if the Principal Supervisor thinks it desirable.

The thesis should be either an original contribution to knowledge or an original application of existing knowledge. It will be between 40,000 and 50,000 words long, with an upper limit of 55,000 words. The Master of Business (Research) degree can provide an alternative entry route to the Doctor of Philosophy program. If progress is satisfactory, students can apply to transfer to PhD candidature after a years full-time enrolment in the Research Masters.
Entry Requirements
If applicants have an Honours degree, (at level 2B or better) it must be relevant to the chosen discipline for the Master of Business (Research); or if applicants are entering from a pass degree, their undergraduate degree must include a major in an approved area, plus a grade point average of 5 or more on a 7 point scale; or applicants can present a case based on evidence of qualifications that demonstrates the applicants capacity to pursue the course of study.

In addition to assessing qualifications, the Faculty must also be satisfied that adequate supervision and resources are available to support the applicants proposed research. Research Proposal - the application for admission to the Master of Business (Research) must include details of the proposed research project.

Course Design
Assessment is essentially based on a program of supervised research and investigation, culminating in production of a thesis. If students have not completed an Honours program, they will have to undertake assessed coursework to support the research and thesis preparation. If applicants have an approved Honours degree, they will normally be exempt from the 48 credit points of coursework. Students may be required to participate in and present seminars if the Principal Supervisor thinks it desirable. The thesis should be either an original contribution to knowledge or an original application of existing knowledge. It will be between 40,000 and 50,000 words long, with an upper limit of 55,000 words. The Master of Business (Research) degree can provide an alternative entry route to the Doctor of Philosophy program. If progress is satisfactory, students can apply to transfer to PhD candidature after a years full-time enrolment in the Research Masters.

Course Structure
BSN502 Research Methodology
Public Relations unit
Public Relations unit
Elective

BSN600 Thesis

■ Master of Business (Advertising) (BS93)
Award title: Master of Business (Advertising)
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 Jennifer Radbourne
Discipline coordinator: Associate Professor Jim Everett

Entry Requirements
A degree (or equivalent) in Business or Commerce, with an approved HRM major, specialisation or minor, or equivalent study in organisational behaviour, organisational psychology or employee relations or an alternative entry point if applicants have a business or other relevant degree other than in HRM could include articulation from a Graduate Certificate in Business

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 three consecutive semesters, depending on the availability of units.

Full-time Course Structure
Year 1, Semester 1
AMN400 Consumer Behaviour
AMN420 Advertising Management
AMN422 Media Strategy
AMN424 Advertising Planning

Year 1, Semester 2
AMN401 Integrated Marketing Communication
AMN421 Contemporary Issues in Advertising
AMN423 Strategies For Creative Advertising
AMN403 Market and Survey Research
OR

BSN412 Qualitative Research

Year 1, Summer Program
BSN406 Project
Elective
Elective

Part-time Course Structure
Year 1, Semester 1
AMN420 Advertising Management
AMN421 Contemporary Issues in Advertising

Year 1, Semester 2
AMN400 Consumer Behaviour
AMN423 Strategies For Creative Advertising

Year 2, Semester 1
AMN422 Media Strategy
AMN424 Advertising Planning

Year 2, Semester 2
AMN401 Integrated Marketing Communication
AMN403 Market and Survey Research
OR

BSN412 Qualitative Research

Year 3, Semester 1
BSN406 Project
Year 3, Semester 2
Elective
Elective

■ 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: Dr Jennifer Radbourne
Discipline coordinator: Dr Leisa Sargent

Entry requirements
A degree (or equivalent) in Business or Commerce, with an approved HRM major, specialisation or minor, or equivalent study in organisational behaviour, organisational psychology or employee relations or an alternative entry point if applicants have a business or other relevant degree other than in HRM could include articulation from a Graduate Certificate in Business

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 three consecutive semesters, depending on the availability of units.

Full-time Course Structure
Year 1, Semester 1
AMN400 Consumer Behaviour
AMN420 Advertising Management
AMN422 Media Strategy
AMN424 Advertising Planning

Year 1, Semester 2
AMN401 Integrated Marketing Communication
AMN421 Contemporary Issues in Advertising
AMN423 Strategies For Creative Advertising
AMN403 Market and Survey Research
OR

BSN412 Qualitative Research

Year 1, Summer Program
BSN406 Project
Year 3, Semester 2
Elective
Elective

Part-time Course Structure
Year 1, Semester 1
AMN420 Advertising Management
AMN421 Contemporary Issues in Advertising

Year 1, Semester 2
AMN400 Consumer Behaviour
AMN423 Strategies For Creative Advertising

Year 2, Semester 1
AMN422 Media Strategy
AMN424 Advertising Planning

Year 2, Semester 2
AMN401 Integrated Marketing Communication
AMN403 Market and Survey Research
OR

BSN412 Qualitative Research

Year 3, Semester 1
BSN406 Project
Year 3, Semester 2
Elective
Elective
(HRM). Applicants would also need at least two years work experience in a related field.

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 program) 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.

Full-time Course Structure
Year 1, Semester 1
IBN400 Global 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 1 Summer Program
Elective
Elective
Elective
Elective

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
Elective

Year 2, Semester 1
IBN400 Global Industry Analysis
MGN505 Consulting and Change Management

Year 2, Semester 2
MGN421 Strategic HRM
MGN423 Contemporary Strategic Analysis

Year 2 Summer Program
Elective
Elective

Master of Business (International Business) (BS93)
Award title: Master of Business (International Business)
CRICOS code: 002329C
Location: Gardens Point
Course duration (full-time): 3 semesters
Course duration (part-time): 6 semesters
Total credit points: 144
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Dr Jennifer Radbourne
Discipline coordinator: Mr Gary Chittick

Entry requirements
An undergraduate degree (or equivalent) with a major in business or commerce, or equivalent study in economics, international relations, international politics and history, languages or cross-cultural communication, as approved by the course coordinator with advice from the major coordinator. Students without an undergraduate degree may be admitted at the discretion of the Director of Graduate Studies.

Course Design
All students will undertake eight compulsory core units (96 credit points) and also complete 48 credit points of approved elective units.

The major is designed for possible completion in one calendar year consisting of three teaching periods. Students should note that only elective units are offered during the summer program. Careful planning is necessary to ensure that units are undertaken in an appropriate sequence to ensure timely completion. Part-time students would normally complete the course in six semesters, spread over two or three calendar years, depending on the number of units and semesters undertaken each year.

Course Structure
Year 1, Semester 1
IBN400 Global Industry Analysis
IBN408 Business and The International Environment
MGN404 Managing and Organising Global Firms
Plus one of the following
IBN403 Business in Asia
IBN404 Business in Europe
IBN435 Business in Australia

Year 1, Semester 2
EFN417 An Introduction to International Finance
MGN421 International Marketing
MGN423 Contemporary Strategic Analysis
MGN424 International Dimensions Of HRM

Year 1, Summer Program
Elective
Elective
Project(s)/Elective(s)

Three Semesters, no Summer Program Course Structure
Year 1, Semester 1
IBN408 Business and The International Environment
MGN404 Managing and Organising Global Firms
Elective
Elective

Year 1, Semester 2
EFN417 An Introduction to International Finance
MGN423 Contemporary Strategic Analysis
MGN424 International Dimensions Of HRM
MGN421 International Marketing

Year 2, Semester 1
IBN400 Global Industry Analysis
Project(s)/Elective(s)
Plus one of the following
IBN403 Business in Asia
IBN404 Business in Europe
IBN435 Business in Australia

Part-time Course Structure
Year 1, Semester 1
IBN400 Global Industry Analysis
MGN404 Managing and Organising Global Firms

Year 1, Semester 2
MGN424 International Dimensions Of HRM
MGN421 International Marketing

Year 1 Summer Program
Elective

Year 2, Semester 1
IBN400 Global Industry Analysis
Plus one of the following
IBN403 Business in Asia
IBN404 Business in Europe
IBN435 Business in Australia

Year 2, Semester 2
EFN417 An Introduction to International Finance
MGN423 Contemporary Strategic Analysis

Year 2 Summer Program
Elective

Year 3, Semester 1
Project(s)/Elective(s)
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: Dr Jennifer Radbourne
Discipline coordinator: Assoc. Prof. Jim Everett

Entry requirements
An undergraduate degree (or equivalent) with a major in marketing or equivalent professional experience. If you have undergraduate study in business, commerce, economics, or another of the social sciences you may be eligible for entry. Applicants without sufficient prior studies in marketing may be required to undertake introductory units in marketing at the graduate level.

Course Design
All students will undertake eight compulsory 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 three consecutive semesters, depending on the availability of units.

Full-time Course Structure

Year 1, Semester 1
AMN400 Consumer Behaviour
AMN403 Market and Survey Research
AMN443 Product and Service Innovation
AMN444 Services Marketing

Year 1, Semester 2
AMN401 Integrated Marketing Communication
AMN442 Marketing Management
AMN445 Strategic Market Management
MIN421 International Marketing

Year 1 Summer Program
BSN406 Project

Elective

Part-time Course Structure

Year 1, Semester 1
AMN403 Market 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 Market Management
MIN421 International Marketing

Year 3, Semester 1
BSN406 Project

Elective

Master of Business (Philanthropy & Nonprofit Studies) (BS93)

Award title: Master of Business (Philanthropy & Nonprofit Studies)
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 Jennifer Radbourne
Discipline coordinator: Associate Professor Myles McGregor-Lowndes

Entry Requirements
Applicants should hold an undergraduate degree in any field from a recognised tertiary institution or equivalent. Applicants without a degree or formal qualifications but with extensive and/or relevant work experience will be considered for special entry. Under special entry, each applicant will be individually assessed.

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).

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 three consecutive semesters, depending on the availability of units.

Full-time Course Structure

Year 1, Semester 1
GSN229 Philanthropic & Nonprofit Governance and Economics
GSN230 Ethics and Management for Philanthropic and Nonprofit Organisations
GSN233 Special Topic in Philanthropy and Nonprofit Studies

Year 1, Semester 2
AMN403 Marketing and Survey Research
BSN506 Econometric Methods
BSN507 Research Methods
BSN412 Qualitative Research

Year 1 Summer Program or Year 2, Semester 1
AMN482 Marketing for the Nonprofit Sector

Elective

Part-time Course Structure

Year 1, Semester 1
GSN231 Legal & Accounting Issues for Philanthropic and Nonprofit Organisations
GSN232 Fundraising Principles
GSN224 Corporate Philanthropy

Year 1, Semester 2
AMN482 Marketing for the Nonprofit Sector

Year 2, Semester 1
BSN404 Project 1 or Elective

Year 2, Semester 2
AMN492 Marketing for the Nonprofit Sector
GSN231 Legal and Accounting Issues for Philanthropic and Nonprofit Organisations

Year 2, Semester 1
GSN229 Philanthropic and Nonprofit Governance & Economics
GSN230 Ethics and Management for Philanthropic & Nonprofit Organisations

Year 2, Semester 2
AMN492 Marketing for the Nonprofit Sector
GSN231 Legal and Accounting Issues for Philanthropic and Nonprofit Organisations

Year 2, Semester 1
GSN223 Applied Research Project B

Year 2, Semester 2
AMN492 Marketing for the Nonprofit Sector

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■ 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: Dr Jennifer Radbourne
Discipline coordinator: Ms Lynn Gallagher
Entry requirements
An undergraduate degree in an area other than accounting from a recognised tertiary institution and an appropriate standard of
tertiary achievement in quantitative methods/statistics. Applicants
who do not meet this requirement will have to complete an
additional specified unit (or units). Students with a prior
undergraduate degree that included a major in Economics,
Finance or Law may be eligible to apply for substitution of units.

Professional Recognition
The Master of Business in Professional Accounting, offered by
the School of Accountancy, is a conversion course for non-
accounting graduates. On completion you will meet the academic
requirements for Associate Membership of CPA Australia, for
enrolment in the CPA examinations and for enrolment in the CA
program of the Institute of Chartered Accountants in Australia.

Full-time Course Structure
Year 1, Semester 1
AYN410 Business Law and Ethics
AYN416 Financial Accounting 1
EFN405 Managerial Economics
EFN406 Managerial Finance
Year 1, Semester 2
AYN412 Company Law
AYN414 Cost Accounting
AYN417 Financial Accounting 2
AYN443 Electronic Commerce Cycles
Year 2, Semester 1
AYN411 Company Auditing
AYN418 Financial Accounting 3
AYN438 Taxation Law and Practice
AYN439 Management Accounting

Part-time Course Structure
Year 1, Semester 1
AYN410 Business Law and Ethics
AYN416 Financial Accounting 1
Year 1, Semester 2
AYN412 Company Law
AYN417 Financial Accounting 2
Year 2, Semester 1
AYN411 Company Auditing
AYN418 Financial Accounting 3
Year 2, Semester 2
AYN414 Cost Accounting
AYN443 Electronic Commerce Cycles
Year 3, Semester 1
AYN438 Taxation Law and Practice
AYN439 Management Accounting

Year 3, Semester 2
EFN406 Managerial Finance
GSN411 Economics Of Strategy 1
GSN414 Business Conditions Analysis 1
GSN411 & GSN414 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: Dr Jennifer Radbourne, Director of Graduate Studies
Discipline coordinator: Dr Kerry Brown

Entry requirements
An undergraduate degree (or equivalent) in business or a relevant
field, or significant employment experience in the public sector.

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 program) 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.

Full-time Course Structure
Year 1, Semester 1
MGN402 Government-Business Relations
MGN423 The Context Of Public Management
MGN517 Program Management and Evaluation
Core option or elective unit
Year 1, Semester 2
MGN421 Strategic HRM
MGN423 Contemporary Strategic Analysis
MGN426 International Trends in Public Management
Core option or elective unit
Year 2, Semester 1 (or Year 1 Summer Program)
Core option or elective unit
Elective
Elective
Elective
Core Option Units
Students choose two of the following core options
AYN432 Public Sector Accounting Issues
EFN405 Managerial Economics
LWN088 Government Law, Policy and Practice
MGN516 Policy Analysis
MGN524 Special Topic in Management 1

Part-time Course Structure
Year 1, Semester 1
MGN402 Government-Business Relations
MGN423 The Context Of Public Management
Year 1, Semester 2
MGN426 International Trends in Public Management
Core Option or Elective Unit
Year 2, Semester 1
MGN517 Program Management and Evaluation
Core Option or Elective Unit
Year 2, Semester 2
MGN421 Strategic HRM
Core Option or Elective Unit
Year 3, Semester 1
Core Option or Elective Unit
Elective
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 three consecutive semesters, depending on the availability of units.

Full-time Course Structure

**Year 1, Semester 1**
- AMN461 Corporate Media Strategy and Tactics
- AMN464 Public Communication
- AMN465 Public Relations Management
- AMN468 Issues and Crisis Management

**Year 1, Semester 2**
- AMN460 Corporate and Investor Relations
- AMN463 Public Opinion and Public Relations
- AMN467 Public Relations Campaigns
- AMN403 Market and Survey Research
  - OR
- BSN412 Qualitative Research

**Year 1, Summer Program**
- AMN466 Corporate Communication Strategy
- BSN406 Project
  - Elective

Part-time Course Structure

**Year 1, Semester 1**
- AMN465 Public Relations Management
- AMN468 Issues and Crisis Management

**Year 1, Semester 2**
- AMN460 Corporate and Investor Relations
- AMN463 Public Opinion and Public Relations

**Year 2, Semester 1**
- AMN464 Public Communication
- AMN403 Market and Survey Research
  - OR
- BSN412 Qualitative Research

**Year 2, Semester 2**
- AMN460 Corporate and Investor Relations
- AMN467 Public Relations Campaigns

**Year 3, Semester 1**
- AMN466 Corporate Communication Strategy
  - Elective

**Year 3, Semester 2**
- BSN406 Project

**Master of Business Administration (MBA) (GS20)**

**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:** Associate Professor Jeremy Williams

**Entry Requirements**

To be considered for the MBA program an applicant must be proficient in the English language, demonstrated by:

- English as their first language or language of instruction at undergraduate level, or
- TOEFL score of greater than or equal to 575 (or greater than or equal to 230 on the computer based test) or IELTS score of greater than or equal to 6.5, or
- TOEFL score between 550 and 572 (213 and 229 on the computerised tests) or IELTS score between 6.0 and 6.49 and the successful completion of two Business English units through QUT International College.

Admission into the program is based on a points system that considers a range of criteria including management experience, tertiary qualifications and GMAT/or equivalent test score. For a more detailed explanation of entry requirements go to [www.bgsb.qut.edu.au](http://www.bgsb.qut.edu.au)

**Course Design**

The MBA consists of 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**

**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 Marketing Management 1
- 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 Leadership 1
- GSN416 Business Plans 1

**Concentrations and Minors are listed below:**

**Accounting**
- AYN414 Cost Accounting
- AYN417 Financial Accounting 2
- AYN418 Financial Accounting 3
- AYN424 International Accounting
- AYN439 Management Accounting
- AYN443 Electronic Commerce Cycles
- GSN404 Financial Statements Analysis 1
- GSN427 Financial Statements Analysis 2
- GSN435 Electronic Commerce
Advertising
AMN400 Consumer Behaviour
AMN421 Contemporary Issues in Advertising
AMN423 Strategies For Creative Advertising
GSN408 Marketing Management 1
GSN418 Marketing Management 2

Arts & Cultural Management
GSN226 Arts Policy and Strategy
GSN227 Arts and Cultural Management
GSN228 Marketing Arts and Culture
GSN232 Fundraising Principles

Business Communication
GSN407 Business Communication
GSN417 Effective Advocacy For Managers
GSN457 Organisational Communication & Influence
GSN458 Intercultural Business Communication
GSN459 Management Communication and Planning

Business Law
AYN412 Company Law
AYN426 Legal Environment Of Business
AYN438 Taxation Law and Practice
GSN412 Business Law 1
GSN422 Business Law 2
LWN117 Legal Regulation Of The Internet

Creative Industries
GSN401 Managing in The Global Business Environment
GSN408 Marketing Management 1
GSN225 Business Development in Creative Industries
KCP018 Creative Industries

Economics
EFN403 Economics and Public Policy
EFN404 Environmental Economics and Policy
EFN408 Special Topic - Economics, Banking and Finance A
GSN411 Economics Of Strategy 1
GSN414 Business Conditions Analysis 1
GSN421 Economics Of Strategy 2
GSN424 Business Conditions Analysis 2
GSN451 Contemporary Issues in International Politics and Economy
GSN453 Economics Of Health and Health Care
GSN454 Economics Of Information and E-Commerce

Electronic Commerce
AYN443 Electronic Commerce Cycles
GSN402 Strategic Use Of Information Technology
GSN435 Electronic Commerce
GSN447 Strategic Internet Marketing 1
GSN448 Strategic Internet Marketing 2
GSN454 Economics Of Information and E-Commerce
ITN341 Information Policy and Planning
ITN342 Issues in Information Technology Management
ITN355 Information Resources For Business and Industry
LWN117 Legal Regulation Of The Internet

Entrepreneurship
GSN405 Strategic Management
GSN410 Entrepreneurship
GSN416 Business Plans 1
GSN420 New Venture Strategy
GSN426 Business Plans 2
GSN429 New Venture Marketing
GSN430 New Venture Funding
GSN431 New Venture Growth and Transitions
GSN432 New Venture Leadership and HRM
GSN433 Public Policy Towards New and Small Business
GSN434 Venture Capital
GSN435 Electronic Commerce
GSN443 Project Management 2
GSN448 Strategic Internet Marketing 2
GSN447 Strategic Internet Marketing 1

Finance
EFN412 Advanced Managerial Finance
EFN414 International Finance
EFN415 Security Analysis
EFN417 An Introduction to International Finance
EFN506 Advanced International Finance
GSN413 Financial Management 1
GSN414 Business Conditions Analysis 1
GSN423 Financial Management 2
GSN424 Business Conditions Analysis 2
GSN430 New Venture Funding
GSN434 Venture Capital

Health Services Management
GSN411 Economics Of Strategy 1
GSN450 Corporate Social and Social Marketing 2
GSN453 Economics Of Health and Health Care
PUN601 Contemporary Health Policies
PUN609 Health Care Finance
PUN610 Health Services Management
PUN615 Advanced Health Service Management
PUN617 Environmental Health Management
PUN692 Health Care Delivery Systems

Human Resource Management
GSN207 Organisational Analysis and Consulting
GSN406 Human Resource Management Issues
GSN409 Organisational Behaviour 1
GSN419 Organisational Behaviour 2
GSN432 New Venture Leadership and HRM
GSN452 International Human Resource Management

Information Technology Management
ITN220 Major Issues in Information Technology
ITN251 Issues in Information Technology Management
ITN252 Process Engineering
ITN341 Information Policy and Planning
ITN343 Principles Of Information Management
ITN355 Information Resources For Business and Industry

Integrated Marketing Communication
AMN400 Consumer Behaviour
AMN401 Integrated Marketing Communication
AMN420 Advertising Management
AMN465 Public Relations Management
GSN408 Marketing Management 1
GSN418 Marketing Management 2

Language Studies
QCD110 Communication For Business 1
QCD210 Communication For Business 2

Leadership
GSN207 Organisational Analysis and Consulting
GSN407 Business Communication
GSN415 Leadership 1
GSN417 Effective Advocacy For Managers
GSN425 Leadership 2
GSN432 New Venture Leadership and HRM
GSN456 Personal Development and Ethics For Managers

Marketing
AMN400 Consumer Behaviour
AMN403 Market and Survey Research
GSN408 Marketing Management 1
GSN418 Marketing Management 2
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

Philanthropy & Nonprofit Studies
GSN224 Corporate Philanthropy
GSN229 Philanthropic & Nonprofit Governance & Economics
GSN230 Ethics & Management for Philanthropic & Nonprofit Organisations
GSN231 Legal & Accounting Issues for Philanthropic & Nonprofit Organisations
GSN232 Fundraising Principles
GSN233 Special Topic in Philanthropy & Nonprofit Studies
### Executive Master of Business Administration (GS95)

**Award title:** Master of Business Administration  
**Location:** Gardens Point  
**Course duration (full-time):** 18 months  
**Total credit points:** 144  
**Course coordinator:** Associate Professor Jeremy Williams

#### Entry Requirements

Entry will be based on an interview and 2 references one of which is from your current employer, plus the applicant meeting one of the following criteria:

- Applications will be considered from those who hold a Bachelors Degree in any field, and have at least five years relevant business experience and hold senior management positions (or operate their own business)
- Individuals with no degree and at least ten years business experience with demonstrated potential for graduate study in business and who hold senior management positions (or operate their own business), will be considered for special entry.

#### Course Design

The intake for the EMBA is in January and the program runs for 18 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 also be held in the first January. 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. For more information about the EMBA, consult the BGSB website at www.bgsb.qut.edu.au/emba.htm

#### Overview

The Executive course is a tailored MBA course offered in an intensive, flexibly delivered format to a cohort of ‘executive level’ management. The course is designed to equip senior managers with the necessary knowledge, analytical ability and management skills to continue their career success and increase their mobility as a senior executive in Australia and internationally.

#### 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 Marketing Management 1  
- 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 Leadership 1  
- GSN416 Business Plans 1  
- GSN418 Marketing Management 2  
- GSN425 Leadership 2  
- GSN428 International Study Tour  
- GSN435 Electronic Commerce  
- GSN444 Special Topics 1  
- GSN445 Special Topics 2  
- GSN451 Contemporary Issues in International Politics and Economy  
- GSN455 Special Topics 3

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**Project Management**

- GSN405 Strategic Management  
- GSN438 Production and Operations Management 1  
- GSN439 Operations and Production Management 2  
- GSN440 Risk Management 1  
- GSN441 Risk Management 2  
- GSN442 Project Management 1  
- GSN443 Project Management 2  

**Public Relations**

- AMN461 Corporate Media Strategy and Tactics  
- AMN465 Public Relations Management  
- GSN408 Marketing Management 1  
- GSN418 Marketing Management 2  

**Strategic Management**

- AMN445 Strategic Market Management  
- GSN200 Business Strategies  
- GSN207 Organisational Analysis and Consulting  
- GSN405 Strategic Management  
- GSN411 Economics Of Strategy 1  
- GSN416 Business Plans 1  
- GSN420 New Venture Strategy  
- GSN421 Economics Of Strategy 2  
- GSN426 Business Plans 2  
- MGN421 Strategic HRM
To be considered for the International MBA program an applicant must be proficient in the English language, demonstrated by:

- English as their first language or language of instruction at undergraduate level, or
- TOEFL score of greater than or equal to 575 (or greater than or equal to 230 on the computer based test) or IELTS score of greater than or equal to 6.5, or
- TOEFL score between 550 and 572 (213 and 229 on the computerised tests) or IELTS score between 6.0 and 6.49 and the successful completion of two Business English units through QUT International College.

Admission into the program is based on a points system that considers a range of criteria including management experience, tertiary qualifications and GMAT/or equivalent test score. For a more detailed explanation of entry requirements go to www.bgsb.qut.edu.au

**Course Structure**

**Australia**

GSN401 Managing in The Global Business Environment  
GSN403 Understanding Data  
Language courses (if needed) or additional core units

**China**

GSN408 Marketing Management 1  
GSN418 Marketing Management 2  
GSN409 Organisational Behaviour 1  
GSN419 Organisational Behaviour 2  
GSN404 Financial Statements Analysis 1  
GSN427 Financial Statements Analysis 2  
GSN406 Human Resource Management Issues  
GSN452 International Human Resource Management  
GSN223 Applied Research Project B

**France**

GSN407 Business Communication  
Cross-Cultural Communication Elective (6 credit points)  
GSN402 Strategic Use Of Information Technology  
Technology Management Elective (6 credit points)  
Management Information Systems Elective (12 credit points)  
Applied Research Project (12 credit points)  
E-Business Elective (12 credit points)

**Australia**

GSN405 Strategic Management  
GSN410 Entrepreneurship  
GSN411 Economics Of Strategy 1  
GSN412 Business Law 1  
GSN413 Financial Management 1  
GSN414 Business Conditions Analysis 1  
GSN415 Leadership 1  
GSN416 Business Plans 1  
Completion of remaining core units (if any)

**International Master of Business Administration (GS24)**

**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:** Associate Professor Jeremy Williams

**Entry Requirements**

To be considered for the International MBA program an applicant must be proficient in the English language, demonstrated by:

- English as their first language or language of instruction at undergraduate level, or
- TOEFL score of greater than or equal to 575 (or greater than or equal to 230 on the computer based test) or IELTS score of greater than or equal to 6.5, or
- TOEFL score between 550 and 572 (213 and 229 on the computerised tests) or IELTS score between 6.0 and 6.49 and the successful completion of two Business English units through QUT International College.

Admission into the program is based on a points system that considers a range of criteria including management experience, tertiary qualifications and GMAT/or equivalent test score. For a more detailed explanation of entry requirements go to www.bgsb.qut.edu.au

**Course Design**

The IMBA is a three-continent MBA offered jointly by BGSB at QUT, Aetna School of Management at Shanghai Jiao Tong University (China), and Groupe Ecole Superieure de Commerce, Grenoble (France).

Students will study full-time for a semester at each of these Universities taking a planned sequence of core and elective units that satisfies the requirements for graduation from their home university.

**Master of Business Administration/Master of Applied Finance (BS99)**

**Award title:** Master of Business Administration/Master of Applied Finance  
**CRICOS code:** 037552G  
**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 Jeremy Williams for BGSB; Mr Mark Christensen for School of Economics and Finance

**Entry requirements**

A minimum of an undergraduate degree from a recognised tertiary institution, two years’ managerial experience and a GMAT test score of 550 or higher (or equivalent). Individual entry requirements will vary depending on the amount of managerial and related work experience, level of tertiary qualifications and/or GMAT score.

For the Master of Applied Finance component, an undergraduate degree from an area other than finance from a recognised tertiary institution, or equivalent qualification. To be considered for the MBA program an applicant must be proficient in the English language, demonstrated by:

- English as their first language or language of instruction at undergraduate level, or
- IELTS score of greater than or equal to 6.5, or
- IELTS score between 6.0 and 6.49 and the successful completion of two Business English units through QUT International College.

**Course Design**

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 (AAIBF-Snr). Graduates may also meet the educational requirements for professional membership of the Financial and Treasury Association.

Course Structure

<table>
<thead>
<tr>
<th>Semester 1, first half</th>
<th>Semester 1, second half</th>
</tr>
</thead>
<tbody>
<tr>
<td>GSN401 Managing in The Global Business Environment</td>
<td>GSN404 Financial Statements Analysis 1</td>
</tr>
<tr>
<td>GSN407 Business Communication</td>
<td>GSN402 Strategic Use Of Information Technology</td>
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<tr>
<td>GSN408 Marketing Management 1</td>
<td>GSN403 Understanding Data</td>
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<tr>
<td>GSN410 Entrepreneurship</td>
<td>GSN409 Organisational Behaviour 1</td>
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</tbody>
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<table>
<thead>
<tr>
<th>Semester 2, first half</th>
<th>Semester 2, second half</th>
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</thead>
<tbody>
<tr>
<td>GSN411 Economics Of Strategy 1</td>
<td>GSN414 Business Conditions Analysis 1</td>
</tr>
<tr>
<td>GSN405 Strategic Management</td>
<td>GSN406 Human Resource Management Issues</td>
</tr>
<tr>
<td>GSN415 Leadership 1</td>
<td>GSN416 Business Plans 1</td>
</tr>
<tr>
<td>EFN406 Managerial Finance</td>
<td>Continuation of EFN406</td>
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<table>
<thead>
<tr>
<th>Semester 3, first half</th>
<th>Semester 3, second half</th>
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</thead>
<tbody>
<tr>
<td>EFN412 Advanced Managerial Finance</td>
<td>Continuation of EFN412</td>
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<tr>
<td>GSN424 Business Conditions Analysis 2</td>
<td>MBA elective unit</td>
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<td>MBA elective unit</td>
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<thead>
<tr>
<th>Semester 4 (both halves)</th>
<th>Semester 5 (both halves)</th>
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</thead>
<tbody>
<tr>
<td>EFN413 Securities Law</td>
<td>BSN404 Project 1</td>
</tr>
<tr>
<td>EFN414 International Finance</td>
<td>EFN505 Financial Risk Management</td>
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<tr>
<td>EFN415 Security Analysis</td>
<td>EFN elective unit</td>
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<tr>
<td>EFN507 Advanced Capital Budgeting</td>
<td>EFN elective unit</td>
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<tr>
<th>Note</th>
<th>Date</th>
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<tbody>
<tr>
<td>MBA elective unit</td>
<td>MBA elective unit</td>
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</table>

<table>
<thead>
<tr>
<th>Semester 3, second half</th>
<th>Semester 4 (both halves)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuation of EFN412</td>
<td>MBA elective unit</td>
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<tr>
<td>MBA elective unit</td>
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<td>MBA elective unit</td>
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<table>
<thead>
<tr>
<th>Semester 5 (both halves)</th>
<th>Semester 6 (both halves)</th>
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</thead>
<tbody>
<tr>
<td>BSN404 Project 1</td>
<td>EFN401 Advanced Financial Institutions Management</td>
</tr>
<tr>
<td>EFN505 Financial Risk Management</td>
<td>EFN410 Economic and Financial Modelling</td>
</tr>
<tr>
<td>EFN elective unit</td>
<td>EFN416 Treasury and Portfolio Management</td>
</tr>
</tbody>
</table>

### 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:** Dr Jennifer Radbourne  
**Discipline coordinator:** Ms Lynn Gallagher (Accountancy, Business and Taxation Law, Electronic Business). Mr Peter Whelan (Banking and Finance)

### Entry requirements
An undergraduate degree from a recognised tertiary institution, with a suitable level of achievement in an appropriate discipline. This course assumes a knowledge of Australian business law, company law, taxation law, and accounting and auditing standards. At the discretion of the subject area coordinators, students may be required to complete some units in BS70 Graduate Diploma in Advanced Accounting prior to entry into BS94 Master of Commerce.

### Course Design
Students are required to complete satisfactorily 12 units (144 credit points). This may comprise 12 coursework units, or a combination of coursework units and up to two research projects (BSN404 Project 1, BSN405 Project 2 - 12 credit points each) or a 24 credit point research project (BSN409 Research Project). A minimum of ten units (120 credit points) must be selected from the five lists. Students can select units from any list or choose to specialise in a particular field of study. Up to two postgraduate units (24 credit points) offered within QUT or elsewhere may be selected as electives, subject to the approval of the Subject Area Coordinator. Please note that BS89 Master of Business (Professional Accounting) units are not available to BS94 students.

### Professional Recognition
Gradsuates 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).

### Research Projects
Students who choose to complete one or more projects must comply with the following:  
**BSN404 and/or BSN405**
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**
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. The project should reflect the application of theoretical analysis or problem solving in Accountancy, Banking and Finance, Business and Taxation Law or Electronic Business. 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 (24cp). This unit is studied in one semester.

### Course Structure

#### Accountancy Units

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
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<tbody>
<tr>
<td>AYN404</td>
<td>Advanced Company Accounting</td>
</tr>
<tr>
<td>AYN413</td>
<td>Computer Auditing</td>
</tr>
<tr>
<td>AYN424</td>
<td>International Accounting</td>
</tr>
<tr>
<td>AYN430</td>
<td>Managerial Accounting Issues A</td>
</tr>
<tr>
<td>AYN432</td>
<td>Public Sector Accounting Issues</td>
</tr>
<tr>
<td>AYN433</td>
<td>Special Topic in Accounting A</td>
</tr>
<tr>
<td>AYN441</td>
<td>Advanced Auditing</td>
</tr>
<tr>
<td>AYN442</td>
<td>Superannuation</td>
</tr>
<tr>
<td>AYN505</td>
<td>Accounting Honours - A</td>
</tr>
<tr>
<td>AYN506</td>
<td>Accounting Honours - B</td>
</tr>
</tbody>
</table>

#### Banking and Finance Units

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
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</thead>
<tbody>
<tr>
<td>EFN401</td>
<td>Advanced Financial Institutions Management</td>
</tr>
<tr>
<td>EFN410</td>
<td>Economic and Financial Modelling</td>
</tr>
<tr>
<td>EFN416</td>
<td>Treasury and Portfolio Management</td>
</tr>
</tbody>
</table>
Students may be required to take one or more undergraduate units. A minimum of six units must be selected from the accountancy, banking and finance, business and taxation law, and electronic business lists. Students can select units from any list or choose to specialise in a particular field of study. Up to two postgraduate units may be selected as electives, subject to the approval of the Major Coordinator. Please note that BS89 Master of Business (Professional Accounting) units are not available to BS70 students.

Articulation

Units completed in the Graduate Diploma may be counted towards BS94 Master of Commerce, subject to approval by the Course Coordinator. Student who have aspirations to proceed to the Masters, are advised to refer to the Masters course rules before selecting units in the Graduate Diploma.

Unit Lists

Accountancy

AYN404 Advanced Company Accounting
AYN413 Computer Auditing
AYN424 International Accounting
AYN430 Managerial Accounting Issues A
AYN432 Public Sector Accounting Issues
AYN433 Special Topic in Accounting A
AYN441 Advanced Auditing
AYN442 Superannuation
AYN505 Accounting Honours - A
AYN506 Accounting Honours - B

Banking and Finance

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

Business and Taxation Law

AYN405 Advanced Tax Planning
AYN406 Capital Gains Tax
AYN426 Legal Environment Of Business
AYN445 Goods and Services Tax
AYN507 Business Law Honours

Electronic Business

AYN413 Computer Auditing
AYN445 Goods and Services Tax
AYN446 The Law Of E-Commerce
AYN447 Issues in Electronic Commerce
AYN448 Management Of Electronic Business Processes
AYN449 Enterprise Systems A
AYN450 Enterprise Systems B

Research Based Units

BSN506 Econometric Methods
OR
BSN507 Research Methods
AND
BSN409 Research Project
OR
BSN404 Project 1
AND/OR
BSN405 Project 2
A maximum of 24 credit points may be taken as project(s)

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: Dr Jennifer Radbourne
Discipline coordinator: Associate Professor Peter Best

Entry requirements

An undergraduate business degree from a recognised tertiary institution, with an appropriate major in accountancy. This course assumes a knowledge of Australian business law, company law, taxation law, and accounting and auditing standards. Students may be required to take one or more undergraduate units in addition to the normal course requirements in order to make good any deficiency in their qualifications to enter the postgraduate course.

Exemptions

Once enrolled in this course, students may claim exemptions from specified units completed at QUT or other tertiary institutions. Students enrolled in the postgraduate programs are eligible for exemptions up to a limit of half of the scheduled units. Exemptions may be granted for Professional Year or CA studies completed with the Institute of Chartered Accountants in Australia and CPA studies completed with CPA Australia.

Course Design

Students must complete eight units (96 credit points total). A minimum of six units must be selected from the accountancy, banking and finance, business and taxation law, and electronic business lists. Students can select units from any list or choose to specialise in a particular field of study. Up to two postgraduate units may be selected as electives, subject to the approval of the Major Coordinator.

Graduate Diploma in Applied Finance (BS96)

Award title: Graduate Diploma in Applied Finance
CRICOS code: 027282G
Location: Gardens Point
Course duration (full-time): 3 semesters
Course duration (part-time): 6 semesters
Total credit points: 96
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Dr Jennifer Radbourne
Discipline coordinator: Mr Mark Christensen

Entry requirements

An undergraduate degree from a recognised tertiary institution in any area other than finance. A limited number of places are available for applicants who have completed a Graduate Certificate in Business with a major in Finance, or the equivalent of a postgraduate diploma in finance offered by a professional association. Applicants without formal tertiary qualifications but with extensive and/or relevant work experience may be considered for special entry but will first complete the Graduate Certificate in Business (Finance).

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).

**Course Structure**

**Semester 1**
- EFN406 Managerial Finance
- EFN405 Managerial Economics

**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 chosen from available postgraduate units offered by the Faculty, subject to approval.

### 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  
**Standard credit points per semester (full-time):** 48  
**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Jennifer Radbourne  
**Discipline coordinator:** Associate Professor Myles McGregor-Lowndes

**Entry Requirements**

An undergraduate degree from a recognised tertiary institution. Applicants without a degree or formal qualifications but with extensive and/or relevant work experience may be considered for special entry. Under special entry each applicant will be individually assessed.

**Modes of Study**

The course is offered part-time over four semesters. Initially on-campus delivery, moving towards on-line teaching/delivery with a face-to-face component in February each year.

**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 the approval of the Director of Graduate Studies.

**Full-time Course Structure**

**Year 1, Semester 1**
- GSN229 Philanthropic & Nonprofit Governance & Economics
- GSN230 Ethics & Management for Philanthropic & Nonprofit Organisations
- GSN233 Special Topic in Philanthropy & Nonprofit Studies

One of the following:
- AMN403 Market and Survey Research
- BSN506 Econometric Methods
- BSN507 Research Methods
- BSN412 Qualitative Research

**Year 1, Semester 2**
- AMN482 Marketing for the Nonprofit Sector
- GSN231 Legal & Accounting Issues for Philanthropic & Nonprofit Organisations
- GSN232 Fundraising Principles
- GSN224 Corporate Philanthropy

**Part-time Course Structure**

**Year 1, Semester 1**
- GSN229 Philanthropic & Nonprofit Governance & Economics
- GSN230 Ethics & Management for Philanthropic & Nonprofit Organisations

**Year 1, Semester 2**
- GSN231 Legal & Accounting Issues for Philanthropic & Nonprofit Organisations
- AMN482 Marketing for the Nonprofit Sector

**Year 2, Semester 1**
- GSN233 Special Topic in Philanthropy & Nonprofit Studies
- One of the following units:
  - AMN403 Market and Survey Research
  - BSN412 Qualitative Research
  - BSN506 Econometric Methods
  - BSN507 Research Methods

**Year 2, Semester 2**
- GSN232 Fundraising Principles
- GSN224 Corporate Philanthropy
- Or Elective

### 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:** Dr Jennifer Radbourne  
**Discipline coordinator:** Associate Professor Jim Everett

**Overview**

This course is designed for graduate with no formal qualifications in Public Relations, who wish to add postgraduate Public Relations qualifications to their credentials. Students must complete eight units (96 credit points total).

**Articulation**

Students who enrol in the Graduate Diploma in Public Relations can articulate into BS93 Master of Business (Public Relations). Student 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.

**Course Structure**

AMN461 Corporate Media Strategy and Tactics  
AMN463 Public Opinion and Public Relations  
AMN465 Public Relations Management  
Elective (Any approved School of Advertising, Marketing & Public Relations postgraduate unit)

Plus any four of the following units:
- AMN460 Corporate and Investor Relations
- AMN464 Public Communication
- AMN467 Public Relations Campaigns
- AMN468 Issues and Crisis Management

Elective (Any approved School of Advertising, Marketing & Public Relations postgraduate unit)
Graduate Diploma of Business Administration (GS21)

Award title: Graduate Diploma of Business Administration
Location: Gardens Point
Course duration (full-time): 2 semesters. The course must be completed within a maximum time period of five years
Course duration (part-time): 4 Semester. The course must be completed within a maximum time period of five years
Total credit points: 96
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Associate Professor Jeremy Williams

Entry Requirements
To be considered for the Graduate Diploma program an applicant must be proficient in the English language, demonstrated by:
- English as their first language or language of instruction at undergraduate level, or
- TOEFL score of greater than or equal to 575 (or greater than or equal to 230 on the computer based test) or IELTS score of greater than or equal to 6.5, or
- TOEFL score between 520 and 572 (213 and 229 on the computerised tests) or IELTS scores between 6.0 and 6.49 and the successful completion of two Business English units through QUT International College.

Admission into the program is based on a points system that considers a range of criteria including management experience, tertiary qualifications and GMAT/or equivalent test score.

For a more detailed explanation of entry requirements go to www.bgsb.qut.edu.au

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.

The Graduate Diploma consists of a minimum of 12 units of 6 credit points each from the MBA core and no more than 24 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
Students must complete a minimum of 12 of the following 16 units with the remaining being electives or core units not yet completed.

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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
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<td>GSN401</td>
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<td>GSN402</td>
<td>Strategic Use Of Information Technology</td>
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<td>GSN403</td>
<td>Understanding Data</td>
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<td>GSN404</td>
<td>Financial Statements Analysis 1</td>
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<td>GSN405</td>
<td>Strategic Management</td>
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<td>Human Resource Management Issues</td>
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<td>AYN443</td>
<td>Electronic Commerce Cycles</td>
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<td>Financial Statements Analysis 1</td>
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<td>GSN427</td>
<td>Financial Statements Analysis 2</td>
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<tr>
<td>GSN435</td>
<td>Electronic Commerce</td>
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Advising
AMN409 | Consumer Behaviour |
AMN421 | Contemporary Issues in Advertising |
AMN423 | Strategies For Creative Advertising |
GSN408 | Marketing Management 1 |
GSN418 | Marketing Management 2 |
Arts & Cultural Management
GSN226 | Arts Policy and Strategy |
GSN227 | Arts and Cultural Management |
GSN228 | Marketing Arts and Culture |
GSN232 | Fundraising Principles |

Business Communication
GSN407 | Business Communication |
GSN417 | Effective Advocacy For Managers |
GSN457 | Organisational Communication and Influence |
GSN458 | Intercultural Business Communication |
GSN459 | Management Communication Planning |

Business Law
AYN412 | Company Law |
AYN426 | Legal Environment Of Business |
AYN438 | Taxation Law and Practice |
GSN412 | Business Law 1 |
GSN422 | Business Law 2 |
LWN117 | Legal Regulation Of The Internet |

Economics
EFN403 | Economics and Public Policy |
EFN404 | Environmental Economics and Policy |
EFN408 | Special Topic - Economics, Banking and Finance A |
GSN411 | Economics Of Strategy 1 |
GSN414 | Business Conditions Analysis 1 |
GSN421 | Economics Of Strategy 2 |
GSN424 | Business Conditions Analysis 2 |
GSN451 | Contemporary Issues in International Politics and Economy |
GSN453 | Economics Of Health and Health Care |
GSN454 | Economics Of Information and E-Commerce |

Electronic Commerce
AYN443 | Electronic Commerce Cycles |
GSN402 | Strategic Use Of Information Technology |
GSN435 | Electronic Commerce |
GSN447 | Strategic Internet Marketing 1 |
GSN448 | Strategic Internet Marketing 2 |
GSN454 | Economics Of Information and E-Commerce |
ITN251 | Issues in Information Technology Management |
ITN341 | Information Policy and Planning |
ITN355 | Information Resources For Business and Industry |
LWN117 | Legal Regulation Of The Internet |

Entrepreneurship
AMN443 | Product and Service Innovation |
GSN405 | Strategic Management |
GSN410 | Entrepreneurship |
GSN416 | Business Plans 1 |
GSN420 | New Venture Strategy |
GSN426 | Business Plans 2 |
GSN429 | New Venture Marketing |
GSN430 | New Venture Funding |
GSN431 | New Venture Growth and Transitions |
GSN432 | New Venture Leadership and HRM |
GSN433 | Public Policy Towards New and Small Business |
GSN434 | Venture Capital |
GSN435 | Electronic Commerce |
GSN447 | Strategic Internet Marketing 1 |
GSN448 | Strategic Internet Marketing 2 |

Finance
EFN412 | Advanced Managerial Finance |
EFN414 | International Finance |
EFN415 | Security Analysis |
EFN417 | An Introduction to International Finance |
EFN506 | Advanced International Finance |
GSN413 | Financial Management 1 |
GSN414 | Business Conditions Analysis 1 |
GSN423 | Financial Management 2 |
GSN424 | Business Conditions Analysis 2 |
GSN430 | New Venture Funding |
GSN434 | Venture Capital |
GSN451 | Contemporary Issues in International Politics and Economy |

Health Services Management
GSN411 | Economics Of Strategy 1 |

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GSN450 Public Sector and Social Marketing 2
GSN453 Economics Of Health and Health Care
PUN601 Contemporary Health Policies
PUN609 Family Health
PUN610 Health Services Management
PUN615 Advanced Health Service Management
PUN617 Environmental Health Management
PUN692 Health Care Delivery Systems
PUP415 Financial Accounting

Human Resource Management
GSN207 Organisational Analysis and Consulting
GSN406 Human Resource Management Issues
GSN409 Organisational Behaviour 1
GSN419 Organisational Behaviour 2
GSN432 New Venture Leadership and HRM
GSN452 International Human Resource Management
MGN421 Strategic HRM
MGN427 Human Resource Management
MGN422 Contemporary Issues and Practices in Employee Relations

Information Technology Management
GSN402 Strategic Use Of Information Technology
ITN220 Major Issues in Information Technology
ITN251 Issues in Information Technology Management
ITN252 Process Engineering
ITN255 Knowledge Management
ITN341 Information Policy and Planning
ITN343 Principles Of Information Management
ITN355 Information Resources For Business and Industry

Integrated Marketing Communication
AMN400 Consumer Behaviour
AMN401 Integrated Marketing Communication
AMN420 Advertising Management
AMN465 Public Relations Management
GSN408 Marketing Management 1
GSN418 Marketing Management 2

International Business
AYN424 International Accounting
EFN414 International Finance
GSN401 Managing In The Global Business Environment
GSN428 International Study Tour
GSN451 Contemporary Issues in International Politics and Economy
IBN403 Business in Asia
IBN435 Business in Australia
MIN404 Business in Europe
MIN421 International Marketing

Language Studies
24 credit points in a Foreign Language
The Following units for International Students only
QCD110 Communication For Business 1
QCD210 Communication For Business 2

Leadership
GSN207 Organisational Analysis and Consulting
GSN407 Business Communication
GSN415 Leadership 1
GSN417 Effective Advocacy For Managers
GSN425 Leadership 2
GSN432 New Venture Leadership and HRM
GSN456 Personal Development and Ethics For Managers

Marketing
AMN400 Consumer Behaviour
AMN403 Market and Survey Research
GSN408 Marketing Management 1
GSN418 Marketing Management 2
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

Philanthropy & Nonprofit Studies
GSN224 Corporate Philanthropy
GSN229 Philanthropic & Nonprofit Governance & Economics
GSN230 Ethics & Management for Philanthropic & Nonprofit Organisation
GSN231 Legal & Accounting Issues for Philanthropic & Nonprofit Organisations
GSN232 Fundraising Principles
GSN233 Special Topic in Philanthropy & Nonprofit Studies
GSN405 Strategic Management

Project Management
GSN438 Production and Operations Management 1
GSN439 Operations and Production Management 2
GSN440 Risk Management 1
GSN441 Risk Management 2
GSN442 Project Management 1
GSN443 Project Management 2

Public Relations
AMN461 Corporate Media Strategy and Tactics
AMN465 Public Relations Management
GSN408 Marketing Management 1
GSN418 Marketing Management 2

Strategic Management
AMN445 Strategic Market Management
GSN200 Business Strategies
GSN207 Organisational Analysis and Consulting
GSN405 Strategic Management
GSN411 Economics Of Strategy 1
GSN416 Business Plans 1
GSN421 Economics Of Strategy 2
GSN420 New Venture Strategy
GSN426 Business Plans 2
MGN421 Strategic HRM

Graduate Certificate in Business (BS39)
Award title: Graduate Certificate in Business
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: Dr Jennifer Radbourne

Entry requirements
An appropriate undergraduate degree from a recognised tertiary institution. Special entry without a degree but with professional and work experience may be available.

- Advertising - an undergraduate degree in an area other than Advertising. Full-time and part-time. Semester 1 or 2 entry.
- Arts & Cultural Management - an undergraduate degree. Part-time only. Semester 1 or 2 entry.
- Business Management - an undergraduate degree. Part-time only. Semester 1 or 2 entry.
- Contemporary Issues in Organisational Psychology - an undergraduate degree. Part-time only. Semester 1 or 2 entry.
- Communication - an undergraduate degree. Part-time only. Semester 1 or 2 entry.
- Corporate Media Strategy and Tactics - an undergraduate degree. Part-time only. Semester 1 or 2 entry.
- Economics Of Strategy - an undergraduate degree. Part-time only. Semester 1 or 2 entry.
- Health Care Finance - an undergraduate degree. Part-time only. Semester 1 or 2 entry.
- Human Resource Management - an undergraduate degree with a major in human resource management, or approved equivalent study in organisational psychology or organisational behaviour. Semester 1 entry, full-time or part-time. Semester 2 entry, part-time only.
- Integrated Marketing Communication - an undergraduate degree in an area other than Integrated Marketing Communication. Semester 1 entry, part-time only. Semester 2 entry, full-time or part-time.
- International Business - an undergraduate degree with a major in business or commerce, or approved equivalent study in international relations, international politics and history, languages and cross-cultural communication. Semester 1 entry, full-time or part-time. Semester 2 entry, part-time only.
- International Finance - an undergraduate degree with a major in finance or approved equivalent study in Australian Institute of Banking and Finance. Part-time only. Semester 1 or 2 entry.
- Language Studies - an undergraduate degree in an area other than Language Studies. Part-time only. Semester 1 or 2 entry.
- Marketing - an undergraduate degree in an area other than Marketing. Semester 1 entry, full-time or part-time. Semester 2 entry, part-time only.
- Marketing and Survey Research - an undergraduate degree with a major in marketing and survey research. Part-time only. Semester 1 or 2 entry.
- Market and Survey Research - an undergraduate degree in an area other than Market and Survey Research. Part-time only. Semester 1 or 2 entry.
- New Venture Leadership and HRM - an undergraduate degree in an area other than New Venture Leadership and HRM. Part-time only. Semester 1 or 2 entry.
- Project Management - an undergraduate degree. Part-time only. Semester 1 or 2 entry.
- Strategic Management - an undergraduate degree with a major in strategic management. Part-time only. Semester 1 or 2 entry.
- Strategic Human Resource Management - an undergraduate degree. Part-time only. Semester 1 or 2 entry.
- Strategic Marketing Management - an undergraduate degree. Part-time only. Semester 1 or 2 entry.
- Strategic Marketing Management - an undergraduate degree. Part-time only. Semester 1 or 2 entry.
- Strategic Marketing Management - an undergraduate degree. Part-time only. Semester 1 or 2 entry.
• Public Relations - an undergraduate degree in an area other than Public Relations. Full-time or part-time. Semester 1 or 2 entry.

Articulation
With the approval of the relevant major coordinator, students may articulate from the Graduate Certificate in Business to one of the following courses, depending on the specialisation undertaken. Students will have to meet the entry requirements and/or the prerequisites for further study:
• 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 (Marketing) or BS93 Master of Business (Public Relations) or BS72 Graduate Diploma in Public Relations - for students completing the Graduate Certificate in Business (Integrated Marketing Communication).
• BS93 Master of Business (Human Resource Management) - for students completing the Graduate Certificate in Business (Human Resource Management).
• BS93 Master of Business (International Business) - for students completing the Graduate Certificate in Business (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).
• IF02 Graduate Diploma in Creative Industries (Arts & Cultural Management) - for students completing the Graduate Certificate in Business (Arts & Cultural Management).
• GS20 Master of Business Administration (MBA) or GS21 Graduate Diploma in Business Administration - for students completing the Graduate Certificate in Business, provided students have a minimum of two years’ relevant work experience.

Course Design
Graduate Certificates consist of 48 credit points of units. Students take one of the following specialisations consisting of four units: Advertising, Arts & Cultural Management, Finance, Human Resource Management, Integrated Marketing Communication, International Business, Marketing, Philanthropy & Nonprofit Studies, Professional Accounting, Public Management or Public Relations.

Course Structure

Advertising
Major Coordinator: Associate Professor Jim Everett
AMN400 Consumer Behaviour
AMN421 Contemporary Issues in Advertising
AMN423 Strategies For Creative Advertising

Arts and Cultural Management
Major Coordinator: Dr Jennifer Radbourne
GSN226 Arts Policy and Strategy
GSN227 Arts and Cultural Management
GSN228 Marketing Arts and Culture
Approved Elective

Finance
Major Coordinator: Mr Mark Christensen
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

Human Resource Management
Major Coordinator: Dr Leisa Sargent
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 Major Coordinator

Integrated Marketing Communication
Major Coordinator: Associate Professor Jim Everett
AMN400 Consumer Behaviour
AMN401 Integrated Marketing Communication
Plus any two of the following units:
AMN420 Advertising Management
AMN442 Marketing Management
AMN463 Public Relations Management

International Business
Major Coordinator: Mr Gary Chittick
IBM408 Business and The International Environment
MGN404 Managing and Organising Global Firms
Plus any two of the following units:
IBM400 Global Industry Analysis
IBM403 Business in Asia
IBM404 Business in Europe
IBM435 Business in Australia
MGN424 International Dimensions Of HRM
MIN421 International Marketing

Marketing
Major Coordinator: Associate Professor Jim Everett
AMN400 Consumer Behaviour
AMN403 Market and Survey Research
AMN442 Marketing Management

Philanthropy and Nonprofit Studies
Major Coordinator: Associate Professor Myles McGregor-Lowndes
GSN229 Philanthropic & Nonprofit Governance & Economics
GSN230 Ethics & Management for Philanthropic & Nonprofit Organisations
GSN231 Legal & Accounting Issues for Philanthropic & Nonprofit Organisations
Plus one of the following units:
AMN482 Marketing for the Nonprofit Sector
GSN232 Fundraising Principles

Professional Accounting
Major Coordinator: Ms Lynn Gallagher
AYN412 Company Law
AYN418 Financial Accounting 3
AYN438 Taxation Law and Practice
Plus one of the following units:
AYN443 Electronic Commerce Cycles

Public Management
Major Coordinator: Dr Kerry Brown
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 Major Coordinator
In line with other leading business schools, BGSB offers six elective courses, from the MBA core program.

For a more detailed explanation of entry requirements go to www.bgsb.qut.edu.au

Entry Requirements
To be considered for the Graduate Certificate program an applicant must be proficient in the English language, demonstrated by:
- English as their first language or language of instruction at undergraduate level, or
- TOEFL score of greater than or equal to 575 (or greater than or equal to 230 on the computer based test) or IELTS score of greater than or equal to 6.5, or
- TOEFL score between 550 and 572 (213 and 229 on the computerised tests) or IELTS score between 6.0 and 6.49 and the successful completion of two Business English units through QUT International College.

Admission into the program is based on a points system that considers a range of criteria including management experience, tertiary qualifications and GMAT/or equivalent test score.

For a more detailed explanation of entry requirements go to www.bgsb.qut.edu.au

Course Design
The Graduate Certificate consists of any 8 units, of 6 credit points each, from the MBA core program.

In line with other leading business schools, BGSB offers six elective courses, 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 Marketing Management 1
- 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 Leadership 1
- GSN416 Business Plans 1
Discipline coordinator: Mr Conor O’Leary (Accountancy); Assoc. Prof. Jim Everett (Advertising, Marketing & Public Relations); Mr Peter Whelan (Economics and Banking and Finance); Prof. Robert Waldersee (Management and Human Resource Management); Dr Mike Quayle (International Business)

Entry requirements
A Bachelor of Business from QUT that includes a major in the area of intended Honours level study or a qualification deemed equivalent. Students must have achieved a grade-point average (GPA) of 5 or better on a 7-point scale in the three years of undergraduate study or other qualifications and experience which is considered by the Dean of Faculty to qualify for admission. Students would normally apply for admission to Honours at the end of the final year of their pass degree, or within 18 months of completing the pass degree.

Course Requirements
Student must complete four prescribed coursework units within the relevant discipline area, plus a 20,000 to 25,000 word dissertation. Awards of first class, second class division A, second class division B and third class Honours are determined according to the weighted grade-point average in both the coursework units and dissertation.

Course Structure

Accountancy
BSN507 Research Methods
Two of the following Accountancy units
AYN505 Accounting Honours - A
AYN506 Accounting Honours - B
AYN507 Business Law Honours
Elective (Any approved postgraduate School of Accountancy or Economics & Finance unit)
BSN501 Dissertation

Advertising
BSN502 Research Methodology
AMNxxx Advertising Unit (please contact Major Coordinator)
AMNxxx Advertising Unit (please contact Major Coordinator)
Elective (Any approved School of Advertising, Marketing & Public Relations postgraduate unit)
BSN501 Dissertation

Banking and Finance
BSN506 Econometric Methods
EFN504 Finance Honours
EFN505 Financial Risk Management
Elective (Any approved School of Accountancy or Economics & Finance postgraduate unit)
BSN501 Dissertation

Economics
BSN506 Econometric Methods
EFN500 Contemporary Macroeconomic Theories
EFN502 Developments in Microeconomic Theories
Elective (Any approved School of Accountancy or Economics & Finance postgraduate unit)
BSN501 Dissertation

Human Resource Management
BSN502 Research Methodology
BSN503 Research Seminar
MGN506 Contemporary Issues in HRM
MGN508 HRM Cases
BSN501 Dissertation

International Business
BSN502 Research Methodology
BSN503 Research Seminar
IBNxxx International Business Unit (please contact Major Coordinator)
IBNxxx International Business Unit (please contact Major Coordinator)
BSN501 Dissertation

Management
BSN502 Research Methodology
BSN503 Research Seminar
MGN501 Readings in Management
MGN507 Contemporary Issues in Management
BSN501 Dissertation

Marketing
BSN502 Research Methodology
BSN503 Research Seminar
AMNxxx Marketing Unit (please contact Major Coordinator)
AMNxxx Marketing Unit (please contact Major Coordinator)
BSN501 Dissertation

Public Relations
BSN502 Research Methodology
Public Relations Unit (please contact Major Coordinator)
Public Relations Unit (please contact Major Coordinator)
Elective (Any approved School of Advertising, Marketing & Public Relations postgraduate unit)
BSN501 Dissertation

☐ Bachelor of Business (BS56) Course Notes


Special Requirements for the Bachelor of Business Degree in the Faculty of Business
A full-time student may only enrol in units selected from those contained in the normal course program for semesters 1 and 2 in the first year of study unless in exceptional circumstances, and with the approval of the Dean of Business. Similarly, a part-time student may only select units from those listed for years 1 and 2 in the first two years of study.

A student must enrol for more than one unit in any semester, unless they have the approval of the Dean. Copies of the Undergraduate Guidelines outlining the faculty rules and procedures are available from the Faculty of Business Student Enquiries Counter at Gardens Point in Z407, or Carseldine in C201.

Course Requirements
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) the relevant 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 electives.

(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
- BSB313 Business Strategy & Technology
- 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
- AMB341 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

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 majors.

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.

Specialisations For Business Majors
Specialisations are a coherent group of six specified units in a discipline area. Specialisations for business students may be chosen from the following areas. 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.

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 (BLS) for Business students without an Accountancy major
- Financial Economics (FES) for Business students without an Economics major
- Integrated Marketing Communication (IMS) for Business students
- 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. Refer to the International Business major for unit details.
- 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. Refer to the International Business major for unit details.
- Marketing, Law & Finance (MLS) for Business students

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

Professional Membership
Students completing the Bachelor of Business (Accountancy) degree with an extended major in either Professional Accounting or Business Law and Taxation meet the academic requirements for Associate membership of CPA Australia and enrolment in the CPA examinations and the academic requirements for enrolment in the CA examinations of the Institute of Chartered Accountants in Australia. Students with advanced standing may be required to
undertake additional studies in order to meet the requirements of the professional bodies.

Students completing the double major in Accountancy and Electronic Business also meet the academic requirements for Associate membership of CPA Australia and enrolment in the CPA examinations and the CA examinations of the Institute of Chartered Accountants in Australia, subject to the following specific unit selections: AYB223 Law of Business Associations (BSB111) substitutes for AYB221 in the Accountancy major; the Electronic Business elective unit chosen is AYB221.

Computerised Accounting Systems (BSB110); and the four electives chosen are AYB325 Taxation Law (AYB220), EFB210 Finance 1 (BSB110 & BSB113), EFB102 Economics 2 (BSB113) and either AYB311 Financial Accounting Issues (AYB220) or AYB321 Strategic Management Accounting (AYB225).

These programs are also accredited with the Institute of Chartered Secretaries and Administrators and Chartered Secretaries Australia.

**Major Review**

The Accountancy Major was reviewed in 2001 and a number of changes were made. Prior to 2002, AYB120 Business Law was a core unit in the Accountancy Major. This has been replaced by AYB221 Computerised Accounting Systems. AYB221 was a unit in the Professional Accounting Extended Major (PAX) and students selected one of the units AYB311 Financial Accounting Issues or AYB321 Strategic Management Accounting. Both AYB311 and AYB321 are now compulsory units in the PAX. Please note a change in title for both AYB311 and AYB321. AYB225 Management Accounting has also been renamed as part of the review.

The Business Computing Extended Major (BCX) has been discontinued, however continuing students will be able to complete their course. Please contact the School of Accountancy for further advice.

**Full-time Course Structure**

**Year 1, Semester 1**
- BSB110 Accounting
- BSB111 Business Law and Ethics
- BSB113 Economics
- BSB115 Management, People and Organisations
  
  For students not seeking professional recognition

**Year 1, Semester 2**
- AYB121 Financial Accounting
- BSB119 International & Electronic Business
- BSB122 Business Information Analysis & Communication
- BSB125 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 1
  
  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

**Course Structure - Extended Major in Professional Accounting**

**Year 1, Semester 1**
- BSB110 Accounting

**Year 1, Semester 2**
- AYB121 Financial Accounting
- BSB119 International & Electronic Business
- BSB122 Business Information Analysis & 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 1
- EFB102 Economics 2

**Year 3, Semester 1**
- AYB301 Auditing
- AYB321 Management Accounting Theory
- AYB325 Taxation Law
  
  Extended major unit

**Year 3, Semester 2**
- AYB311 Financial Accounting Theory
  
  Elective unit
  Elective unit
  Elective unit

**Course Structure - Extended Major in Business Law and Tax**

**Year 1, Semester 1**
- BSB110 Accounting
- BSB113 Economics
- BSB111 Business Law and Ethics
- BSB115 Management, People and Organisations

**Year 1, Semester 2**
- AYB121 Financial Accounting
- BSB119 International & Electronic Business
- BSB122 Business Information Analysis & 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 1
- EFB102 Economics 2

**Year 3, Semester 1**
- AYB301 Auditing
- AYB321 Management Accounting Theory
- AYB325 Taxation Law
  
  Extended major unit

**Year 3, Semester 2**
- AYB311 Financial Accounting Theory
  
  Elective unit
  Elective unit
  Elective unit

**Extended Major Units**

Students must select any four of the following units:
- AYB122 Goods and Services Tax
- AYB305 Company Law and Practice
- AYB312 Financial Institutions Law
- AYB323 Tax Planning
- AYB328 Taxation Law 2

**Part-time Course Structure**

**Year 1, Semester 1**
- BSB110 Accounting
- BSB113 Economics

**Year 1, Semester 2**
- AYB121 Financial Accounting
- BSB122 Business Information Analysis & Communication

**Year 2, Semester 1**
- BSB111 Business Law and Ethics
- BSB115 Management, People and Organisations
### Year 1, Semester 1
- BSB110 Accounting
- BSB113 Economics

#### Part-time Extended Major in Professional Accounting
- AMB211 Financial Accounting
- BSB112 Business Information Analysis & Communication
- BSB126 Marketing

### Year 2, Semester 1
- AMB222 Media Planning
- BSB110 Accounting
- BSB115 Management, People and Organisations

### Year 3, Semester 1
- AMB320 Advertising Management
- BSB114 Government, Business and Society
- EFB101 Data Analysis For Business

### Year 4, Semester 1
- AMB221 Advertising Copywriting
- BSB111 Business Law and Ethics
- BSB113 Economics

### Year 5, Semester 1
- AMB320 Advertising Management
- BSB114 Government, Business and Society
- EFB101 Data Analysis For Business

### Year 6, Semester 1
- AMB320 Advertising Management
- BSB114 Government, Business and Society
- EFB101 Data Analysis For Business

### Extended Major Units
- Students must select any four of the following units:
  - AMB112 Goods and Services Tax
  - BSB105 Company Law and Practice
  - BSB112 Business Information Analysis & Communication
  - BSB126 Marketing

### 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
- BSB110 Accounting
- BSB113 Economics

#### Year 2, Semester 1
- BSB111 Business Law and Ethics
- BSB115 Management, People and Organisations

#### Year 3, Semester 1
- BSB114 Government, Business and Society
- EFB101 Data Analysis For Business

#### Year 4, Semester 1
- AMB221 Advertising Copywriting
- BSB111 Business Law and Ethics
- BSB113 Economics

#### Year 5, Semester 1
- AMB221 Advertising Copywriting
- BSB111 Business Law and Ethics
- BSB113 Economics

#### Year 6, Semester 1
- AMB221 Advertising Copywriting
- BSB111 Business Law and Ethics
- BSB113 Economics
Part-time Course Structure

Year 1, Semester 1
- BSB122 Business Information Analysis & Communication
- BSB126 Marketing

Year 1, Semester 2
- BSB114 Government, Business and Society
- BSB119 International & Electronic Business

Year 2, Semester 1
- AMB200 Consumer Behaviour
- AMB220 Advertising Theory and Practice
- BSB115 Management, People and Organisations

Year 2, Semester 2
- AMB321 Advertising Campaigns
- AMB331 Direct Marketing
- AMB330 Advertising Strategy and Planning

Year 3, Semester 1
- AMB222 Media Planning
- AMB231 Marketing Communications Regulations and Ethics

Year 3, Semester 2
- AMB221 Advertising Copywriting
- BSB110 Accounting

Year 4, Semester 1
- BSB111 Business Law and Ethics

Year 4, Semester 2
- AMB321 Advertising Campaigns
- AMB330 Advertising Strategy and Planning
- Any School of Advertising Marketing and Public Relations Unit*

Year 5, Semester 1
- AMB321 Advertising Campaigns
- AMB330 Advertising Strategy and Planning

Year 6, Semester 1
- AMB331 Direct Marketing

Year 6, Semester 2
- Elective

Extended Major in Advertising

Year 1, Semester 1
- BSB114 Government, Business and Society

Year 2, Semester 1
- AMB222 Media Planning

Year 1, Semester 2
- AMB200 Consumer Behaviour
- AMB220 Advertising Theory and Practice

Year 2, Semester 2
- AMB320 Advertising Management
- AMB330 Advertising Strategy and Planning

Year 3, Semester 1
- AMB200 Consumer Behaviour
- AMB220 Advertising Theory and Practice
- AMB321 Advertising Campaigns

Year 3, Semester 2
- AMB321 Advertising Campaigns

Year 4, Semester 1
- BSB111 Business Law and Ethics

Year 4, Semester 2
- AMB321 Advertising Campaigns

Year 5, Semester 1
- AMB321 Advertising Campaigns

Year 6, Semester 1
- AMB331 Direct Marketing

Year 6, Semester 2
- Elective

Part-time Extended Major in Advertising

Year 1, Semester 1
- BSB122 Business Information Analysis & Communication
- BSB126 Marketing

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
- AMB222 Media Planning
- AMB231 Marketing Communications Regulations and Ethics

Year 3, Semester 2
- AMB221 Advertising Copywriting
- BSB110 Accounting

Year 4, Semester 1
- BSB113 Economics

Year 4, Semester 2
- AMB320 Advertising Management
- BSB111 Business Law and Ethics

Year 5, Semester 1
- AMB321 Advertising Campaigns
- AMB330 Advertising Strategy and Planning

Year 5, Semester 2
- Any School of Advertising Marketing and Public Relations Unit*

Year 6, Semester 1
- Elective

Year 6, Semester 2
- Elective

*Choice units can be taken in any semester.

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 John Polichronis

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 majors in Banking and Funds Management build 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 recognition 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 recognition in both disciplines, offering a wide range of career opportunities, particularly in the economic and financial forecasting functions within the financial and government sectors.

Course structures for these combinations are available at the Faculty of Business Student Enquiries Counter (Level 4, Z Block, Gardens Point or via bus@qut.edu.au). Enrolment advice is available from the School of Economics and Finance (Level 8, Z Block, Gardens Point).

### 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  
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

### 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  
BSB113 Economics  
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

### Course Structure - Extended Major in Banking

#### Compulsory

AYB225 Management Accounting 1  
AYB312 Financial Institutions Law  
EFB310 Financial Institutions - Control  
EFB311 Financial Institutions - Lending  
plus two of the following:  
EFB200 Applied Regression Analysis  
EFB308 Finance 3  
EFB309 Financial Derivatives  
EFB318 Portfolio and Security Analysis  
EFB326 Applied Portfolio Management

### Course Structure - Extended Major in Financial Economics

#### Compulsory

EFB202 Business Cycles and Economic Growth  
EFB211 Firms, Markets and Resources  
EFB324 Macroeconomics Of Global Financial Markets  
EFB325 Financial Microeconomics  
EFB326 Applied Portfolio Management  
plus one of the following:  
EFB200 Applied Regression Analysis  
EFB308 Finance 3  
EFB309 Financial Derivatives  
EFB318 Portfolio and Security Analysis

### Course Structure - Extended Major in Funds Management

#### Compulsory

AYB225 Management Accounting 1  
EFB308 Finance 3  
EFB309 Financial Derivatives  
EFB318 Portfolio and Security Analysis  
plus two of the following:  
AYB312 Financial Institutions Law  
EFB200 Applied Regression Analysis
The Bachelor of Business (Economics) with a double major in Financial Economics provides an excellent foundation for a career as a Financial Policy advisor with the various Federal and State level financial and monetary regulatory associated authorities.

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. 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 recognition 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 recognition in both disciplines, offering a wide range of career opportunities, particularly in the economic and financial forecasting functions within the financial and government sectors.

The course structure for this combination is available at the Faculty of Business Student Enquiries Counter (Level 4, Z Block, Gardens Point or via bus@qut.edu.au). Enrolment advice is available from the School of Economics and Finance (Level 8, Z Block, Gardens Point).
### Economics Units offered by the School of Economics and Finance

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<td>EFB328</td>
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</tbody>
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### 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:** Ms Sherrena Buckby

#### Professional Membership

Students completing the Bachelor of Business (Electronic Business) with a double major in Accountancy meet the academic requirements for Associate membership of CPA Australia and enrolment in the CPA examinations and the academic requirements for enrolment in the CA examinations of the Institute of Chartered Accountants in Australia, subject to the following specific unit selections: AYB223 Law of Business Associations (BSB111) Substitutes for AYB221 in the Accountancy major; the Electronic Business elective unit chosen is AYB221 Computerised Accounting Systems (BSB110); and the four electives chosen are AYB325 Taxation Law (AYB223), EFB210 Finance 1 (BSB110 & BSB113), EFB102 Economics 2 (BSB113) and either AYB311 Financial Accounting Issues (AYB220) or AYB321 Strategic Management Accounting (AYB225). Students Planning to undertake this program should contact the School of Accountancy regarding specific course structures.

### Major Review

Please note that a number of units in the Electronic Business Major have been recoded for 2002. Please refer to the School of Accountancy for further details.

### Course Design

Electronic Business is only available as a double major. It is not possible to study it as an extended major nor will students be allowed to undertake a specialisation, neither business nor interfaculty.

#### Full-time Course Structure

**Year 1, Semester 1**  
BSB111 Business Law and Ethics  
BSB119 International & Electronic Business  
BSB122 Business Information Analysis & 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  
Elective*  

**Year 3, Semester 2**  
BSB313 Business Strategy and Technology  
Double major unit  
Elective*  

### Part-time Course Structure

**Year 1, Semester 1**  
BSB111 Business Law and Ethics  
BSB119 International & Electronic Business  
**Year 1, Semester 2**  
BSB126 Marketing  
BSB122 Business Information Analysis & Communication  
**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**  
Double Major Unit  
Elective*  

**Year 6, Semester 1**  
Double Major Unit  
Elective*  

**Year 6, Semester 2**  
BSB313 Business Strategy and Technology  
Elective*  

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

### Electronic Business Elective Unit List

- AMB230 Internet Promotion  
- AMB241 E-Marketing Strategies  
- AMB221 Advertising Copywriting  
- ITB223 Emerging Technologies and International Business  
- ITB233 Enterprise Systems Applications  
- ITB823 Web Sites For Electronic Commerce  
- ITB827 Fundamentals Of Enterprise Systems  
- ITB510 Data Communications  
- MGB216 Managing Technology, Innovation and Knowledge
■ 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

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 & Electronic Business
BSB122 Business Information Analysis & 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

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

Course Structure - Extended Major in Human Resource Management

Year 1, Semester 1
BSB115 Management, People and Organisations
BSB119 International & Electronic Business
BSB122 Business Information Analysis & 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

Year 2, Semester 2
BSB110 Accounting
BSB113 Economics
MGB304 Human Resource Information Management
MGB320 Recruitment and Selection

Year 3, Semester 1
MGB314 Organisational Consulting and Change
  Elective

Year 3, Semester 2
BSB111 Business Law and Ethics
MGB309 Strategic Management
MGB315 Personal and Professional Development
MGB331 Training and Development

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 & Communication

Year 2, Semester 1
MGB220 Management Research Methods
MGB222 Managing Organisations

Year 2, Semester 2
BSB119 International & 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
  Elective

Year 4, Semester 2
Double Major/Extended Major/Specialisation Unit

Year 5, Semester 1
Double Major/Extended Major/Specialisation Unit
  Elective 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
Double Major/Extended Major/Specialisation Unit
  Elective unit

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 & Communication

Year 2, Semester 1
MGB220 Management Research Methods
MGB222 Managing Organisations

Year 2, Semester 2
BSB119 International & 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

Year 5, Semester 1
MGB315 Personal and Professional Development
  Elective

Year 5, Semester 2
MGB331 Training and Development
  Elective
- 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 Michael Cox

Professional Membership
Students may be eligible for membership of associations, such as the Australasian Institute of Export 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 & Electronic Business
- BSB126 Marketing

**Year 1, Semester 2**
- BSB114 Government, Business and Society
- BSB212 Business Information Analysis & Communication
- IBB202 Business and The World Economy
- IBB211 Globalisation and Business

**Year 2, Semester 1**
- BSB110 Accounting
- BSB111 Business Law and Ethics
- BSB210 Export Management

**Area Study Options**
- Area Study 1
- Area Study 2

**Area Study Options**

**Year 2, Semester 2**
- MIB213 International Marketing
- IBB304 Global Industry Analysis
- Elective

**Year 3, Semester 1**
- IBB300 International Business Strategy
- Elective
- Elective

**Year 3, Semester 2**
- Elective

**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
- IBB233 Emerging Technologies and International Business
- IBB231 Business in Country X - Study Tour
- IBB303 International Logistics
- IBB312 Special Topic - International Business
- IBB322 Independent Study Project

**Course Structure - Language Specialisation**

**Year 1, Semester 1**
- BSB113 Economics
- BSB119 International & Electronic Business
- BSB126 Marketing

**Year 1, Semester 2**
- BSB115 Management, People and Organisations
- IBB202 Business and The World Economy
- IBB211 Globalisation and Business

**Year 2, Semester 1**
- BSB114 Government, Business and Society
- IBB210 Export Management

**Year 2, Semester 2**
- IBB222 Business Information Analysis & Communication
- Elective

**Year 3, Semester 1**
- BSB110 Accounting
- Elective

Credit points per semester (full-time): 48
Credit points per semester (part-time): 24
Course coordinator: Mr Andrew Paltridge
Discipline coordinator: Mr Michael Cox

**Student must select one of the following pairs of area study units:**
- IBB217 Asian Business Development
- IBB317 Contemporary Business in Asia
- IBB208 European Business Development
- IBB308 Contemporary Business in Europe
IBB205 Cross-Cultural Communication and Negotiation

**Year 3, Semester 2**
- BSB111 Business Law and Ethics
  - Elective
- BSB115 Management, People and Organisations

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
- 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

**Course Structure - Part-time**

**Year 1, Semester 1**
- BSB114 Government, Business and Society
- BSB126 Marketing

**Year 1, Semester 2**
- BSB110 Accounting
- BSB115 Management, People and Organisations

**Year 2, Semester 1**
- BSB113 Economics
- BSB119 International & Electronic Business

**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 & Communication
  - Double Major/Extended Major/ Specialisation 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

**Year 6, Semester 1**
- Elective

**Year 6, Semester 2**
- Elective

**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 in Country X Study Tour
- IBB303 International Logistics
- IBB312 Special Topic - International Business
- IBB322 Independent Study Project

**Area Study Options**

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

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

**Course Structure - Part-time Language Specialisation**

**Year 1, Semester 1**
- BSB126 Marketing
  - Language 1

**Year 1, Semester 2**
- BSB115 Management, People and Organisations
  - Language 2

**Year 2, Semester 1**
- BSB119 International & Electronic Business
  - Language 3

**Year 2, Semester 2**
- BSB113 Economics
  - Language 4

**Year 3, Semester 1**
- BSB122 Business Information Analysis & Communication
  - Double Major/Extended Major/ Specialisation Unit
  - 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
  - OR
  - International Business Elective (IBB2xx, IBB3xx)

**Year 4, Semester 2**
- IBB202 Business and The World Economy
Elective

**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

**Year 6, Semester 2**
Elective
Elective

**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

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**Bachelor of Business (Management) (BS56)**

**Award title:** Bachelor of Business (Management)

**CRICOS code:** 003491G

**Location:** Gardens Point and Carseldine

**Course duration (full-time):** 3 years

**Course duration (part-time):** 6 years

**Total credit points:** 288

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

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

**Course coordinator:** Mr Andrew Paltridge

**Discipline coordinator:** Dr Glenda Maconachie

**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.

**Course Structure - Full-time**

**Year 1, Semester 1**
BSB115 Management, People and Organisations
BSB119 International & Electronic Business
BSB122 Business Information Analysis & 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**
MGB335 Project Management
AND either:
MGB218 Venture Skills
OR
MGB223 Creating New Enterprises
Students with a double major in HRM or E-Business should contact the School for enrolment advice

**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 & Communication
MGB220 Management Research Methods
MGB222 Managing Organisations

**Year 2, Semester 2**
BSB119 International & 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

**Year 6, Semester 2**
Double Major/Extended Major/Specialisation Unit
Elective Unit

**Part-time Extended Major in Management**

**Year 1, Semester 1**
BSB113 Economics
Full-time Course Structure

Year 1, Semester 1
BSB114 Government, Business and Society
BSB115 Management, People and Organisations
BSB122 Business Information Analysis & Communication

Year 2, Semester 1
MGB220 Management Research Methods
MGB222 Managing Organisations

Year 2, Semester 2
BSB119 International & 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
MGB220 Management Research Methods
MGB222 Managing Organisations

Year 4, Semester 2
BSB119 International & Electronic Business
MGB211 Organisational Behaviour

Year 5, Semester 1
MGB312 Negotiation Skills

Year 5, Semester 2
MGB309 Strategic Management
MGB315 Personal and Professional Development

Year 6, Semester 1
MGB211 Organisational Consulting and Change
Elective

Year 6, Semester 2
MGB314 Organisational Consulting and Change
Elective

Extended Major Units

Students need to complete either:
ITB827 Fundamentals Of Enterprise Systems
OR
MGB216 Managing Technology, Innovation and Knowledge
AND either:
MGB210 Production and Service Management
OR
MGB223 Creating New Enterprises

Students with a double major in HRM or E-Business should contact the School for enrolment advice.

Bachelor of Business (Marketing) (BS56)

Award title: Bachelor of Business (Marketing)
CRICOS code: 003419G
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 Baltrudge
Discipline coordinator: Dr Marilyn Healy

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 Australasian Institute of Export.

Full-time Course Structure

Year 1, Semester 1
BSB114 Government, Business and Society
BSB115 Management, People and Organisations
BSB122 Business Information Analysis & Communication

Year 2, Semester 1
MGB220 Management Research Methods
MGB222 Managing Organisations

Year 2, Semester 2
BSB119 International & 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
MGB220 Management Research Methods
MGB222 Managing Organisations

Year 4, Semester 2
BSB119 International & Electronic Business
MGB211 Organisational Behaviour

Year 5, Semester 1
MGB312 Negotiation Skills

Year 5, Semester 2
MGB309 Strategic Management
MGB315 Personal and Professional Development

Year 6, Semester 1
MGB211 Organisational Consulting and Change
Elective

Year 6, Semester 2
MGB314 Organisational Consulting and Change
Elective

Extended Major Units

Students need to complete either:
ITB827 Fundamentals Of Enterprise Systems
OR
MGB216 Managing Technology, Innovation and Knowledge
AND either:
MGB210 Production and Service Management
OR
MGB223 Creating New Enterprises

Students with a double major in HRM or E-Business should contact the School for enrolment advice.
Year 5, Semester 1
AMB341 Strategic Marketing
Double Major/Extended Major/Specialisation unit

Year 5, Semester 2
Double Major/Extended Major/Specialisation unit
Elective

Year 6, Semester 1
Double Major/Extended Major/Specialisation unit
Elective

Year 6, Semester 2
Elective
Elective

Part-time - Extended Major in Marketing

Year 1, Semester 1
BSB122 Business Information Analysis & Communication
AMB260 Public Relations Theory and Practice

Year 1, Semester 2
BSB114 Government, Business and Society
AMB241 E-Marketing Strategies
AMB261 Media Relations and Publicity

Year 2, Semester 1
AMB200 Consumer Behaviour
AMB201 Market and Audience Research
AMB210 Internship
AMB240 Marketing Planning and Management

Year 2, Semester 2
AMB215 Management, People and Organisations
Elective

Year 3, Semester 1
AMB360 Corporate Communication Management
AMB361 Public Relations Campaigns

Year 3, Semester 2
AMB360 Corporate Communication Management
AMB361 Public Relations Campaigns

Year 4, Semester 1
AMB202 Integrated Marketing Communication
AMB203 Advertising Theory and Practice

Year 4, Semester 2
AMB240 Marketing Planning and Management
AMB250 Business to Business Marketing

Year 5, Semester 1
AMB250 Business to Business Marketing
AMB251 Innovation and Market Development

Year 5, Semester 2
AMB250 Business to Business Marketing
AMB251 Innovation and Market Development

Year 6, Semester 1
AMB250 Business to Business Marketing
AMB251 Innovation and Market Development

Year 6, Semester 2
AMB250 Business to Business Marketing
AMB251 Innovation and Market Development

Marketing Extended Major Units

AMB202 Integrated Marketing Communication
AMB203 Advertising Theory and Practice
AMB240 Marketing Planning and Management
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) (BSS56)
Award title: Bachelor of Business (Public Relations)
CRICOS code: 003419G
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

Professional Recognition
The Bachelor of Business with a major in public relations has been accredited with the Public Relations Institute of Australia since 1990. Accreditation renewal will be sought in 2002.

Full-time Course Structure

Year 1, Semester 1
BSB114 Government, Business and Society
BSB119 International & Electronic Business
BSB122 Business Information Analysis & Communication
BSB126 Marketing

Year 1, Semester 2
BSB115 Management, People and Organisations
AMB260 Public Relations Theory and Practice
Amb250 Business to Business Marketing

Year 2, Semester 1
AMB261 Media Relations and Publicity
AMB262 Public Relations Writing

Year 2, Semester 2
AMB261 Media Relations and Publicity
AMB262 Public Relations Writing

Year 3, Semester 1
AMB360 Corporate Communication Management
AMB361 Public Relations Campaigns

Year 3, Semester 2
AMB360 Corporate Communication Management
AMB361 Public Relations Campaigns

Year 4, Semester 1
AMB261 Media Relations and Publicity

Year 4, Semester 2
AMB261 Media Relations and Publicity

Year 5, Semester 1
AMB360 Corporate Communication Management

Year 5, Semester 2
AMB360 Corporate Communication Management

Year 6, Semester 1
AMB360 Corporate Communication Management

Year 6, Semester 2
AMB360 Corporate Communication Management

Extended Major in Public Relations

Year 1, Semester 1
BSB114 Government, Business and Society
BSB119 International & Electronic Business
Management Certificate Program
(Undergraduate) (BS20)

Location: Gardens Point and Carseldine
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: Tilly Brasch (Program Administrator)

Entry requirements
Applicants must have completed year 12 studies or completed year 10 plus a trade qualification (or an equivalent level of achievement); and applicants must have completed the equivalent of a minimum of 12 months full-time work experience.

Course Structure

**BS20BAC Business Accounting**
- Compulsory
- AYB121 Financial Accounting
- BSB110 Accounting
- Plus two of the following electives:
  - AYB220 Company Accounting
  - AYB221 Computerised Accounting Systems
  - AYB225 Management Accounting I

**BS20BUS Business Management**
- Compulsory
- BSB115 Management, People and Organisations
- Plus one of the following electives:
  - BSB110 Accounting
  - BSB111 Business Law and Ethics
  - BSB113 Economics

**BS20FIN Financial Management**
- BSB110 Accounting
- BSB113 Economics
- EFB102 Economics 2
- EFB210 Finance 1

**BS20INB International Business**
- Compulsory
- BSB119 International & Electronic Business
- IBB211 Globalisation and Business
- Plus two of the following electives:
  - BSB110 Accounting
  - BSB111 Business Law and Ethics
  - BSB113 Economics

**BS20MKT Marketing**
- Compulsory
- AMB240 Marketing Planning and Management
- BSB126 Marketing
- Plus one of the following electives:
  - BSB110 Accounting
  - BSB111 Business Law and Ethics
  - BSB113 Economics

**Management Certificate Program**

- **Year 1, Semester 1**
  - BSB122 Business Information Analysis & Communication
  - BSB126 Marketing

- **Year 2, Semester 1**
  - AMB260 Public Relations Theory and Practice
  - BSB115 Management, People and Organisations
  - Plus any two units offered by the School of Advertising Marketing and Public Relations

- **Year 2, Semester 2**
  - AMB262 Public Relations Writing
  - BSB111 Business Law and Ethics
  - BSB113 Economics
  - Plus any unit offered by the School of Advertising Marketing and Public Relations

- **Year 3, Semester 1**
  - AMB360 Corporate Communication Management
  - AMB370 Public Relations Cases
  - Elective

- **Year 3, Semester 2**
  - AMB361 Public Relations Campaigns
  - AMB371 Corporate Communication Strategies
  - Elective

- **Year 4, Semester 1**
  - AMB201 Market and Audience Research
  - Any unit offered by the School of Advertising Marketing and Public Relations

- **Year 4, Semester 2**
  - AMB262 Public Relations Writing
  - BSB115 Management, People and Organisations

- **Year 5, Semester 1**
  - AMB361 Public Relations Campaigns
  - AMB370 Public Relations Cases

- **Year 5, Semester 2**
  - AMB360 Corporate Communication Management
  - AMB371 Corporate Communication Strategies
  - Elective

- **Year 6, Semester 1**
  - AMB200 Market and Audience Research
  - Any unit offered by the School of Advertising Marketing and Public Relations
  - Elective

- **Year 6, Semester 2**
  - Elective
  - Elective
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CREATIVE INDUSTRIES

OVERVIEW
In 2001 the School of Media and Journalism and the Academy of the Arts merged to become the nucleus of the Creative Industries Faculty. All of the existing study areas were retained and a new discipline of Fashion Design added.

Exciting creative industries study areas include:
- Communication Design
- Creative Writing and Cultural Studies
- Dance
- Drama
- Fashion Design
- 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 in 2002:
- 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 brand 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 2003-2004 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 advisory boards.

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: John O’Hare, MFA (Theatre) QUT; Dip Fine Arts (Acting) WAAPA; Dip Theatre Arts & Design WAAPA

Communication Design
Head: G. Sade, BMus

Creative Writing and Cultural Studies
Associate Professor: P. M. Neilsen, BA(Hons) MA, PhD Qld, ASA

Dance
Head: Associate Professor C.F. Stock, BA(Hons) Flinders, PhD QUT

Drama
Head of Theatre and Teaching Studies: J. Martin, DipT Kelvin Grove, BA PhD Stockholm, LTCL

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

Journalism
Discipline Head: Dr W. Hindsley, BA, MA, PhD

Media Communications
Discipline Head: T. Flew, BEc (Hons) MEc Sydney, PhD Griffith, GradCertHigherEd QUT

Music
Head: Associate Professor A. Artlurs, 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, Bachelor of Arts/Visual Arts, Alexander Mackie College of Art, Sydney, GradDip Prof Art Practice, City Arthstitute, 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 - was launched in 2001 to contribute to the research and applications needs of the creative industries locally, at a state level, national and internationally.

CIRAC is the research and applications component of the new creative industries faculty at QUT. It is supported under the Vice-Chancellor’s Research Innovation Program.

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 and facilities to partners from government to micro-business
- produce both creative IP for commercialisation, and cutting-edge industry oriented research
- contribute to the development of the Creative Industries Precinct, working with co-locating partners
- work towards CRC status for a consortium dedicated to R&D leadership in this emergent industry sector.
■ Master of Arts (Research) (KK51)

Award title: Master of Arts (Research)

CRICOS code: 040331E

Location: Gardens Point and 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: Brad Haseman

Course Structure

For those with a three-year degree the MA (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 instead enrol in 12cp course work plus 84cp research project; or 24cp coursework plus 72cp research project.

Research Component

Depending on the discipline, the research component may be undertaken either as a research thesis (30,000-50,000 words, or as a creative production-based project with an exegesis or written component 10,000-20,000 words).

Students can undertake:
- a significant creative work such as a theatrical or musical production
- a long 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.

Dance, Drama, Music, Visual Arts, Communication Design - 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
- 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

Creative Writing, Cultural Studies, Film & TV, Journalism, Media Studies - with 3-year qualification

Semester 1
- KKP391 Media Research Methods
- KWP103 Creative Writing Theory
- KPP104 Film and Television Production Theory
- KJP105 Theories of Journalism
- KCP110 Media Theory and Policy

Semester 2
- KKN007/1 Research Project 1
- KKN007/2 Research Project 2
- KKN007/3 Research Project 3
- KKN007/4 Research Project 4

Semester 3
- KKN007/5 Research Project 5
- KKN007/6 Research Project 6
- KKN007/7 Research Project 7
- KKN007/8 Research Project 8

■ Master of Communication Design (KI42)

Award title: Master of Communication Design

CRICOS code: 031870G

Location: Kelvin Grove

Course duration (full-time): 3 semesters

Total credit points: 144

Course coordinator: Gavin Sade

Entry requirements

An appropriate Bachelor degree.

Full-time Course Structure

Semester 1
- KIN818 Introduction to Digital Media Technologies
- KIN808 Introduction to Communication Design
- KIN816 Information Design
  Elective

Semester 2
- KIN817 Project Management
- KIN851/1 Design Project
- KIN851/2 Design Project
  Elective

Semester 3
- KIN851/3 Design Project
- KIN851/4 Design Project
  Elective
  Elective

Part-time Course Structure

Semester 1
- KIN818 Introduction to Digital Media Technologies
- KIN808 Introduction to Communication Design

Semester 2
- KIN816 Information Design
  Elective

Semester 3
- KIN817 Project Management
  Elective

Semester 4
- Elective
  Elective

Semester 5
- KIN851/1 Design Project
- KIN851/2 Design Project

Semester 6
- KIN851/3 Design Project
- KIN851/4 Design Project

Suggested Elective Choices (Note that placement of electives is across the three semesters)

Technology & Design Strand electives
- KIN819 Electronic Publishing
- KIN809 Interaction Design
- KIN810 Information Architecture
- KJB815 Interaction Design 2

Digital Media Strand Electives
- KJB803 Temporal Media
- KJB804 3-D Animation 1
Master of Digital Media (KC42)

Award title: Master of Digital Media
CRICOS code: 040325C
Course duration (full-time): 3 semesters full-time
Course duration (part-time): 6 semesters part-time
Total credit points: 144

Points Full Time
Standard credit points per semester (full-time): 48 Credit

Points Part Time
Standard credit points per semester (part-time): 24 Credit

Course coordinator: Dr Terry Flew

Entry Requirements
A Bachelor degree from a university in a field other than digital media; or a three-year diploma in an area relevant to digital media; or professional standing and successful professional practice relevant to digital media approved by the Course Coordinator and Dean of Faculty.

Course Structure - Full-time

Year 1, Semester 1
- KIN819 Electronic Publishing
- KCB295 Virtual Cultures
- KIN818 Introduction to Digital Media Technologies
  Elective from List A or List B

Year 1, Semester 2
- KCP336 New Media Technologies
- KCB348 Applied Media Studies
  Elective from List A or List B
  Elective from List A or List B

Course Structure - Part-time

Year 1, Semester 1
- KIN818 Introduction to Digital Media Technologies
- KCB295 Virtual Cultures

Year 2, Semester 1
- KIN819 Electronic Publishing
  Elective from List A or List B

Year 2, Semester 2
  Elective from List A or List B
  Elective from List A or List B

List A Electives
- KIN809 Interaction Design
- KIN816 Information Design

List B Electives
- KCB349 Media Audiences
- KCB204 Globalisation and New Media
- KCP018 Creative Industries

Master of Fine Arts (KK42)

Award title: Master of Fine Arts
CRICOS code: 016349F
Location: Gardens Point and Kelvin Grove
Course duration (full-time): 1.5 years full-time (Acting Studio: 2 years full-time only), Visual Arts and Painting Studio students can opt to study over the Summer period which means completing the degree in one year.
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

Discipline coordinator: Dance: Assoc Prof Cheryl Stock; Drama: Dr Jacqueline Martin; Music: Assoc Prof Andy Arthurs; Vis Arts: Mr Donal Fitzpatrick; Film & TV: Mr John Hookham; Acting Studio: Mr John O’Hare; Painting Studio: Mr Dan Mafe.

Entry Requirements
A Bachelor degree, or equivalent, which may include substantial relevant professional experience.

Suggested Full-time Course Structure - Independent Study

Semester 1
- KKN011 Advance Professional Practice 1
- KKN012 Advanced Professional Practice 2
  Elective

Semester 2
- KKN013 Advanced Professional Practice 3
  Elective

Semester 3
- KKN010 MFA Project
- KKN010-2MFA Project
- KKN010-3MFA Project
- KKN010-4MFA Project

*It is advised that Dance students choose KKN058 Arts Research as an elective in the first semester

Painting Studio

Students undertake 144 credit points of approved units. Refer to Discipline Coordinator for advice. Students can opt to study over the Summer period.

Acting Studio

Year 1, Semester 1
- KSB011 Music Theatre Skills
- KSB233 Voice and Movement 3
- KSB247 Acting 3

Year 1, Semester 2
- KSB234 Voice and Movement 4
- KSB248 Acting 4

Year 2, Semester 1
- KSB235 Voice and Movement 5
- KSB255 Theatre Project 1

Year 2, Semester 2
- KSB256 Theatre Project 2

Master of 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 Structure - Independent Study

Semester 1
- KMN601 Independent Project (AAN609 Independent Project)

Semester 2
- KMN602 Independent Project (AAN609 Independent Project)

Semester 3
- KMN603 Independent Project (AAN609 Independent Project)

By coursework and project:

Eight 12 credit point units of which AAN609 Independent Project and one other AAN unit must be undertaken, prior to two 24 cp Music Project units (KMN601, KMN602 Music Project 12 inclusive).
By project
Two 12 credit point units undertaken prior to five 24 credit point Music Project units (KMN601, KMN605 Music Project 15 inclusive).

Course Structure
Pathways: Music Composition for the Creative Industries
KMB619 Music and Sound Technology
KMN610 Materials of Music
KMB638 Sound and Image
KMN608 Composing For Moving Pictures
KMB621 Sound Recording and Acoustics
KMB620 Popular Song Composition
KMB056 Professional Studies
KMN609 Independent Project
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
KMN613 Music and Sound For Digital Media
KMN606 Advanced Digital Recording
KMB818 Introduction to Multimedia Technology
KBM056 Professional Studies
KMB609 Independent Project
KMN601 Music Project 1
KMN602 Music Project 2

Pathway: Instrumental Music Teaching
KMN611 Multi-Instrumental Studies 1
KMN615 Advanced Conducting
KMP433 Music Curriculum Studies 2a
KMB619 Music and Sound Technology
KMB612 Multi-Instrumental Studies 2
KMN614 Teaching Music With Technology
KMP434 Music Curriculum Studies 1a
KMB639 Music Directing
KMN601 Music Project 1
KMN602 Music Project 2

Pathway: Project
KMN601 Music Project 1
KMN602 Music Project 2
KMN603 Music Project 3
KMN604 Music Project 4
KMN605 Music Project 5
Elective
Elective

Other music units available for selection
KMB640 Sex Drugs Rock N Roll
KMB631 World Music
KMN607 Australian Music Culture
KMB638 Sound and Image

Graduate Diploma in Dance Instruction (KD36)
Award title: Graduate Diploma in Dance Instruction
Location: External
Course duration (full-time): 2 semesters
Course duration (part-time): 4 semesters
Total credit points: 96
Course coordinator: Ms Jude Smith
Entry Requirements
A relevant degree or diploma and at least 12 months of dance teaching experience equivalent to 150 hours.
OR
Significant performance experience with a recognised professional dance company for at least five years, and at least 12 months of dance teaching experience equivalent to 150 hours.
OR
Significant and demonstratable longstanding reputation as a dance teacher.

Graduate Diploma in Digital Media (KC36)
Award title: Graduate Diploma in Digital Media
CRICOS code: 034712J
Location: Gardens Point
Course duration (full-time): 1 year full-time
Course duration (part-time): 2 years part-time
Total credit points: 96
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Dr Terry Flew
Entry Requirements
A Bachelor degree from a university in a field other than digital media; or a three-year diploma in an area relevant to digital media; or professional standing and successful professional practice relevant to digital media approved by the Course Coordinator and Dean of Faculty.

Full-time Course Structure
Year 1, Semester 1
KIN819 Electronic Publishing
KCB295 Virtual Cultures
KIN818 Introduction to Digital Media Technologies
Elective from List A or List B
Year 1, Semester 2
KCP336 New Media Technologies
KCB348 Applied Media Studies
Elective from List A or List B
Elective from List A or List B
Year 2, Semester 1
KIN819 Electronic Publishing
Elective from List A or List B
Year 2, Semester 2
Elective from List A or List B
Elective from List A or List B

List A Electives
KIN809 Interaction Design
KIN816 Information Design

List B Electives
KCB349 Media Audiences
KCB204 Globalisation and New Media
KCP018 Creative Industries
Graduate Diploma in Film and Television (KP36)

Award title: Graduate Diploma in Film and Television
CRICOS code: 040324D
Location: Gardens Point

Course duration (full-time): 2 semesters
Course duration (part-time): 4 semesters (The part-time mode may not be available by evening study.)

Total credit points: 96
Course coordinator: Mr John Hookham

Entry requirements
A degree or diploma from a recognised tertiary institution (Diploma graduates may be required to undertake additional work at the discretion of the course or discipline coordinator). Limited special entry places are available if the applicant is a senior member of the relevant profession without a formal degree, provided they can demonstrate and document their grasp of the profession. These candidates will be senior members of their profession. An applicant who does not meet the requirements for normal entry may present documentary evidence of qualifications, experience and other relevant information for special consideration. QUT film and television, journalism and media studies graduates, if they enrol in the Graduate Diploma course, must select a major different from their undergraduate major.

Full-time Course Structure

Year 1, Semester 1
KPP111 Media Writing
KPP155 Media Production
KPP104 Film and Television Production Theory
Elective

Year 1, Semester 2
KPP185 Informational Production
KPB358 Documentary Theory and Practice
Elective

Part-time Course Structure

Year 1, Semester 1
KPP111 Media Writing
KPP155 Media Production
KPP104 Film and Television Production Theory

Year 1, Semester 2
KPP185 Informational Production
Elective

Year 2, Semester 1
KPP111 Media Writing
Elective

Year 2, Semester 2
KPB358 Documentary Theory and Practice
Elective

Graduate Diploma in Music (KM36)

Award title: Graduate Diploma in Music
CRICOS code: 034717D
Location: Kelvin Grove

Course duration (full-time): 2 semesters
Course duration (part-time): 4 semesters
Total credit points: 96
Course coordinator: Dr Adrian Thomas

Entry requirements
Either a three-year degree or diploma in music from a university or a three-year degree plus certified evidence of musical attainment (equivalent to at least AMEB grade seven) in performance or composition or a three-year degree plus documentary evidence of a successful career as a professional musician. Entry with advanced standing for Graduate Diploma: only if recently undertaken QUT Music units as a Visiting Student.

Course of Study
Eight 12 credit point units, which must include one KMN unit taken in the penultimate semester, plus KMN609 Independent Project taken in the last semester.

Course Structure

Pathways: Music Composition for the Creative Industries
KMB619 Music and Sound Technology
KMN610 Materials of Music
KMB638 Sound and Image
KMN608 Composing For Moving Pictures
KMB621 Sound Recording and Acoustics
KMB620 Popular Song Composition
KMB056 Professional Studies
KMN609 Independent Project

Pathway: Music and Media Technologies
KMB619 Music and Sound Technology
KMB621 Sound Recording and Acoustics
KMB635 Sound Media Musicanship
KMB636 Music and Sound for Digital Media
KMB606 Advanced Digital Recording
KMB818 Introduction to Multimedia Technology
KMB056 Professional Studies
KMN609 Independent Project

Pathway: Instrumental Music Teaching
KMN611 Multi-Instrumental Studies 1
KMN615 Advanced Conducting
KMP433 Music Curriculum Studies 2a
KMB619 Music and Sound Technology
KMB612 Multi-Instrumental Studies 2
KMN614 Teaching Music With Technology
KMP434 Music Curriculum Studies 1a
KMB639 Music Directing

Other music units available for selection
KMB640 Sex Drugs Rock N Roll
KMB631 World Music
KMN607 Australian Music Culture
KMB638 Sound and Image

■ Graduate Certificate in Creative Writing (KW35)
Award title: Graduate Certificate in Creative Writing
CRICOS code: 040322F
Location: Gardens Point
Course duration (full-time): 1 semester
Course duration (part-time): 2 semesters
Total credit points: 48
Course coordinator: Associate Professor Philip Neilsen
Discipline coordinator: Associate Professor Philip Neilsen

Entry requirements
A Bachelor degree in any field or evidence that the applicant can cope with postgraduate study (for example, employment at a relatively senior level or relevant industry experience) will be looked on favourably. In special circumstances professional and/or life experiences will be considered instead of the degree requirements.

Course Structure
Year 1, Semester 1
KWP103 Creative Writing Theory
Plus select THREE units from:
KWB330 Creative Writing and Publishing
KWB250 Introduction to Creative Writing
KWB380 Creative Nonfiction Writing 1
KWB399 The Writing and Publishing Industry
KWB229 Film and Television Scriptwriting
KWB370 Electronic Creative Writing
KWB381 Creative Nonfiction Writing 2
KWB314 Corporate Writing and Editing
KWB712 Youth Writing

■ Graduate Certificate in Dance Instruction (KD35)
Award title: Graduate Certificate in Dance Instruction
Location: External
Course duration (external): 1 semester full-time; 2 semesters part-time
Total credit points: 48
Course coordinator: Ms Jude Smith

Entry Requirements
A relevant degree or diploma and at least 12 months of dance teaching experience equivalent to 150 hours.

OR
Significant performance experience with a recognised professional dance company for at least five years, and at least 12 months of dance teaching experience equivalent to 150 hours.

significant and demonstrable longstanding reputation as a dance teacher.

Course Structure
Full-time Students
Select 4 units (2 core & 2 electives) from first or second semester.
Students can replace one elective from Semester 1 or 2 with a residency unit in the Summer Program.

Part-time Students
Select 4 units (2 core & 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 For Dance Teachers
Electives
KDP105 Dance Analysis and Dance Histories
KDP189 Dance Assessment and Reporting
KDP191 Dance Teaching Methodologies

Second Semester
Core Units
KDP104 Safe Dance Practice
KDP190 Professional Practice For Dance Teachers
Electives
KDP105 Dance Analysis and Dance Histories
KDP189 Dance Assessment and Reporting
KDP191 Dance Teaching Methodologies

Summer Program
KDP180 Dance Teaching Studies 1

■ Graduate Certificate in Digital Media (KC35)
Award title: Graduate Certificate in Digital Media
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: Dr Terry Flew

Entry Requirements
A Bachelor degree with a GPA of 5.0 or higher; or relevant TAFET/VT diploma; or professional experience in the creative industries approved by the Course Coordinator.

Course Structure
Year 1, Semester 1
KIN818 Introduction to Digital Media Technologies
KCB295 Virtual Cultures
Year 1, Semester 2
KCP336 New Media Technologies
KCB348 Applied Media Studies
OR
Elective

Creative Industries Open Electives
KDB106 The Analysis of Modern Dance
KDB114 Australian Dance
KDB172 World Dance
KDB176 Popular Dance Styles
KJB814 Applications of Design Technology
KJB819 Electronic Publishing
KJB813 Contemporary Issues in Technology Design
KKB818 Introduction to Multimedia Technology
KJB101 Journalism Information Systems
KJB120 Newswriting
KMB640 Sex Drugs Rock N Roll
KPB111 Media Writing
KPB118 Fundamentals of Photography
KPB305 American Film
KPB358 Documentary Theory and Practice
KPB359 Film History
KPB343 Australian Film
KPB311 Asian Film and Media
KPB307 Feminist Screen Studies
KPB344 International Cinema
KPB147 Film and Television Genres
KSB276 Visual Theatre - Design
KTB061 Arts Business Management  
KTB278 Technical Theatre  
KVB447 Drawing  
KVB457 Sculpture  
KVB507 Painting  
KVB701 Modernism  
KVB703 Video Art and Culture  
KVB704 Theories of Spatial Culture  
KVP503 Clay Materials  
KVP509 Photographic Media  
KVP511 Printmaking  
KWB150 Film, Crime and Deviance  
KWB315 Persuasive Writing  
KWB316 Imagining Brisbane  
KWB321 Body Matters  
KWB350 Creative Writing and Publishing  
KWB380 Creative Nonfiction Writing 1  
KWB725 Popular Fictions, Popular Culture

**Graduate Certificate in Film and Television (KP35)**

**Award title:** Graduate Certificate in Film and Television  
**CRICOS code:** 040327A  
**Location:** Gardens Point  
**Course duration (part-time):** 2 semesters  
**Total credit points:** 48  
**Course coordinator:** Mr John Hookham

**Entry requirements**

Applicants will normally have a bachelor degree in any field, although other evidence that a candidate could cope with postgraduate study (for example, employment at a relatively senior level, relevant industry experience) will be looked on favourably.

**Course Structure**

**Year 1, Semester 1**  
KPP155 Media Production  
KPP104 Film and Television Production Theory

**Year 1, Semester 2**  
KPP185 Informational Production  
Plus one of the following:  
KPP111 Media Writing  
KPB260 Community and Educational Video

**Graduate Certificate in Journalism (KJ35)**

**Award title:** Graduate Certificate in Journalism  
**CRICOS code:** 040323E  
**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 Angela Romano

**Entry requirements**

Applicants will normally have a bachelor degree in any field, although other evidence that a candidate could cope with postgraduate study (for example, employment at a relatively senior level, relevant industry experience) will be looked on favourably.

**Course Structure**

**Year 1, Semester 1**  
KJP105 Theories of Journalism  
KJP120 Newswriting  
KJP224 Feature Writing  
KJP232 Radio and Television Journalism 1  
KJB323 Radio and Television Journalism 1  
KJB322 Desktop Publishing and Editing

**Pathway: Music Composition for the Creative Industries**  
KMB619 Music and Sound Technology  
KMN610 Materials of Music  
KMB638 Sound and Image  
KMN608 Composing For Moving Pictures

**Pathway: Music and Media Technologies**  
KMB619 Music and Sound Technology  
KMB621 Sound Recording and Acoustics  
KMB635 Sound Media Musicianship  
KMB636 Sound and Image For Digital Media

**Pathway: Contemporary Music Studies**  
KMB640 Sex Drugs Rock N Roll  
KMB631 World Music  
KMN607 Australian Music Culture  
KMB638 Sound and Image

**Pathway: Instrumental Music Teaching**  
KMN611 Multi-Instrumental Studies 1  
KMN615 Advanced Conducting  
KMP433 Music Curriculum Studies 2a  
KMB619 Music and Sound Technology

**Other music units available for selection**  
KMB640 Sex Drugs Rock N Roll  
KMB631 World Music  
KMN607 Australian Music Culture  
KMB638 Sound and Image

**Bachelor of Creative Industries (Honours) (Creative Writing/Media Studies/Communication Design/Dance/Drama/Visual Arts) (KK52)**

**Award title:** Bachelor of Creative Industries (Honours) (Study Area A)  
**CRICOS code:** 040321G  
**Location:** Gardens Point and Kelvin Grove  
**Course duration (full-time):** 2 semesters  
**Total credit points:** 96  
**Standard credit points per semester (full-time):** 48  
**Discipline coordinator:** Dance: Ms Kristen Bell; Drama: Dr Paul Makeham; Visual Arts: Mr Daniel Mafe; Media Studies: Dr...
Entry Requirements
Normally students will apply within the final year of their pass degree. Except where otherwise specified, applicants MUST have: completed a Bachelor degree in the relevant discipline area from QUT, or a similar degree from QUT or another university achieved a level of attainment considered by the Faculty Academic Board to be acceptable for the purposes of proceeding to an Honours degree (normally a course GPA of 5 on a seven-point scale). Alternatively, candidates may be accepted for admission by the Faculty Academic Board, after advice from the Course Coordinator regarding evidence of other relevant qualifications and/or experience.

Full-time Course Structure
 Semester 1
KKB001 Visual Arts Research Project
KKN058 Arts Research
OR
KJP105 Theories of Journalism
KTB275 Understanding Theatre
KTP200 Dramaturgy
KWB004 Contemporary Aesthetic Debates
KWP103 Creative Writing Theory
KPB104 Film and Television Production Theory
KCP110 Media Theory and Policy

List A Electives
KCP110 Media Theory and Policy

Bachelor of Fine Arts (Honours) (KK53)
Award title: Bachelor of Fine Arts (Honours) (Study Area A)  
CRICOS code: 040320G
Location: Gardens Point and Kelvin Grove
Course duration (full-time): 2 semesters
Total credit points: 96
Standard credit points per semester (full-time): 48
Course coordinator: TBA
Discipline coordinator: Cheryl Stock (Dance), Philip Neilsen (Creative Writing), John Hookham (Film & TV), Andrew McNamara (Vis Arts), Gavin Sade (Comm Des)

Entry requirements
Normally students will apply within the final year of their pass degree. Except where otherwise specified, applicants MUST have: completed a Bachelor degree in the relevant discipline area from QUT, or a similar degree from QUT or another university; achieved a level of attainment considered by the Faculty Academic Board to be acceptable for the purposes of proceeding to an Honours degree (normally a course GPA of 5 on a seven-point scale). Alternatively, candidates may be accepted for admission by the Faculty Academic Board, after advice from the Course Coordinator regarding evidence of other relevant qualifications and/or experience.

Course Structure
 Year 1, Semester 1
KKB001 Visual Arts Research Project
KKN058 Arts Research
OR
KJP105 Theories of Journalism
KTP200 Dramaturgy
KWP103 Creative Writing Theory
KPB104 Film and Television Production Theory
KCP110 Media Theory and Policy

Bachelor of Music (Honours) (KK55)
Award title: Bachelor of Music (Honours)  
CRICOS code: 031574E
Location: Kelvin Grove
Course duration (full-time): 1 year
Total credit points: 96
Standard credit points per semester (full-time): 48
Course coordinator: Andrew Brown

Entry Requirements
Normally students will apply within the final year of their pass degree. Except where otherwise specified, applicants MUST have: completed a Bachelor degree in the relevant discipline area from QUT, or a similar degree from QUT or another university achieved a level of attainment considered by the Faculty Academic Board to be acceptable for the purposes of proceeding to an Honours degree (normally a course GPA of 5 on a seven-point scale). Alternatively, candidates may be accepted for admission by the Faculty Academic Board, after advice from the Course Coordinator regarding evidence of other relevant qualifications and/or experience.

Course Structure
 Year 1, Semester 1
KKN001 Honours Project 1
KKN058 Arts Research
or
KJP105 Theories of Journalism
KTP200 Dramaturgy
KWP103 Creative Writing Theory
KPB104 Film and Television Production Theory
KCP110 Media Theory and Policy

Bachelor of Journalism (Honours) (KK54)
Award title: Bachelor of Journalism (Honours)  
CRICOS code: 040326B
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: Mr Roger Patching

Entry requirements
Applicants must have completed a Bachelor degree in the relevant discipline area from QUT or a similar degree from QUT or another university, and must have achieved a level of attainment considered by the Faculty Academic Board to be acceptable for the purposes of proceeding to an Honours degree (normally a GPA of 5 on a seven-point scale). Alternatively, candidates may be accepted for admission by the Faculty Academic Board, after advice from the Course Coordinator regarding evidence of other relevant qualifications and/or experience.

Course Structure
 Year 1, Semester 1
KKB001 Visual Arts Research Project
KJP391 Media Research Methods
KJP105 Theories of Journalism

Year 1, Semester 2
KKB003 Honours Project 2
KKN002 Graduate Seminar

List A Electives
See Bachelor of Creative Industries (Honours) (Creative Writing/Media Studies/Communication Design/Dance/Drama/Visual Arts) (KK52) in this section.
List A Electives
See Bachelor of Creative Industries (Honours) (Creative Writing/Media Studies/Communication Design/Dance/Drama/Visual Arts) (KK52) in this section.

Bachelor of Creative Industries (Communication Design) (KI32)
Award title: Bachelor of Creative Industries (Communication Design)
CRICOS code: 040304G
Location: Kelvin Grove
Course duration (full-time): 3 years
Total credit points: 288
Standard credit points per semester (full-time): 48
Course coordinator: Debra Polson

Course Structure
Year 1, Semester 1
KIB811 Visual Interactions
KIB807 Media Technology 1
Creative Industries Core Unit
Creative Industries Core Unit

Year 1, Semester 2
KIB808 Media Technology 2
KIB814 Applications of Design Technology
Creative Industries Core Unit
Communication Design Elective List B

Year 2, Semester 1
KIB816 Interactive Writing
Creative Industries Core Unit
Communication Design Elective List B
Elective

Year 2, Semester 2
Communication Design Elective List B
Communication Design Elective List B
Elective
Elective

Year 3, Semester 1
KDB180 Dance Technique Studies 1
KDB125 Deconstructing Dance in History
KDX104 Architecture of the Body
Creative Industries Core Unit - List A

Year 1, Semester 2
KDB181 Dance Technique Studies 2
KDB106 The Analysis of Modern Dance
KDX143 Choreographic Studies 1
Creative Industries Core Unit - List A

Year 2, Semester 1
KDB182 Dance Technique Studies 3
KDB158 Dance and Technology 1
KDB053 Gender Issues in the Visual and Performing Arts
Creative Industries Core Unit - List A

Year 2, Semester 2
KDB114 Australian Dance
KDB183 Dance Technique Studies 4
KDB176 Popular Dance Styles
Elective outside discipline - List B

Year 3, Semester 1
KDB117 Dance in Education
KDB158 Dance and Technology 1
KDB053 Gender Issues in the Visual and Performing Arts
Creative Industries Core Unit - List A

Year 3, Semester 2
KDB114 Australian Dance
KDB159 Dance and Technology 2
KDB172 World Dance
Elective - List B

NOTE: Students wishing to graduate the BCI (Dance) must have completed 4 electives outside the Dance area

List A - Creative Industries Core Units
See Bachelor of Creative Industries (Media Studies) (KC32) in this section.

List B - Creative Industries Open Electives
See Bachelor of Creative Industries (Media Studies) (KC32) in this section.

Bachelor of Creative Industries (Creative Writing) (KW32)
Award title: Bachelor of Creative Industries (Creative Writing)
CRICOS code: 040296C
Location: Gardens Point
Course duration (full-time): 3 years
Total credit points: 288
Standard credit points per semester (full-time): 48
Course coordinator: Ms Donna Brien

Course Structure
Year 1, Semester 1
KWB250 Introduction to Creative Writing
KPB111 Media Writing
Creative Industries Core Unit
Elective

Year 1, Semester 2
KWB350 Creative Writing and Publishing
KJB224 Feature Writing

Year 2, Semester 1
KWBS29 Film and Television Scriptwriting
Creative Industries Core Unit
Elective
Choose one from the following:
KPB358 Documentary Theory and Practice
KWBS381 Creative Nonfiction Writing 2

Year 2, Semester 2
KWBS380 Creative Nonfiction Writing 1
KWBS712 Youth Writing
Creative Industries Core Unit
Elective

Year 3, Semester 1
KWBS370 Electronic Creative Writing
KWBS381 Creative Nonfiction Writing 2
Elective
Elective

Year 3, Semester 2
KWBS399 The Writing and Publishing Industry
Elective
Elective
Choose one from the following:
KTB307 Writing For Performance
KWBS314 Corporate Writing and Editing

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

Course Structure
Year 1, Semester 1
KDB180 Dance Technique Studies 1
KDB125 Deconstructing Dance in History
KDX104 Architecture of the Body
Creative Industries Core Unit - List A

Year 1, Semester 2
KDB181 Dance Technique Studies 2
KDB106 The Analysis of Modern Dance
KDX143 Choreographic Studies 1
Creative Industries Core Unit - List A

Year 2, Semester 1
KDB182 Dance Technique Studies 3
KDB158 Dance and Technology 1
KDB053 Gender Issues in the Visual and Performing Arts
Creative Industries Core Unit - List A

Year 2, Semester 2
KDB114 Australian Dance
KDB183 Dance Technique Studies 4
KDB176 Popular Dance Styles
Elective outside discipline - List B

Year 3, Semester 1
KDB117 Dance in Education
KDB158 Dance and Technology 1
KDB053 Gender Issues in the Visual and Performing Arts
Creative Industries Core Unit - List A

Year 3, Semester 2
KDB114 Australian Dance
KDB159 Dance and Technology 2
KDB172 World Dance
Elective - List B

NOTE: Students wishing to graduate the BCI (Dance) must have completed 4 electives outside the Dance area

List A - Creative Industries Core Units
See Bachelor of Creative Industries (Media Studies) (KC32) in this section.

List B - Creative Industries Open Electives
See Bachelor of Creative Industries (Media Studies) (KC32) in this section.
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 Structure

Year 1, Semester 1
Creative Industries Core Unit
KTB252 Theatre History: 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 Theatre History: 20th Century Stages
KTB271 Studies in Directing
KTB273 Performance 1

Year 2, Semester 1
Creative Industries Core Unit
KTB214 Process Drama
KTB278 Technical Theatre
Elective

Year 2, Semester 2
Creative Industries Core Unit
KTB304 Forming Knowledge
KTB308 Performance 2
Elective

Year 3, Semester 1
Creative Industries Core Unit
KTB253 Theatre History: Staging Australia
Elective
Elective
Elective

Year 3, Semester 2
Creative Industries Core Unit
KTB272 Drama and Community Cultural Development
Elective
Elective
Elective

BCI (Drama) Electives Semester 1
KKB055 Professional Practice
KTB062 Arts Event Promotion and Public Relations
KTB275 Understanding Theatre
KTB277 Physical Theatre
KTB306 Directing For Theatre
KTB310 Studies in Acting 3

BCI (Drama) Electives Semester 2
KKB055 Professional Practice
KKB057 Independent Study
KTB061 Arts Business Management
KTB258 Studies in Acting 2
KTB280 Drama as Social Action
KTB307 Writing For Performance
KTB309 Performance 3

Bachelor of Creative Industries (Interdisciplinary Studies) (KK32)

Award title: Bachelor of Creative Industries
CRICOS code: 040297B
Location: Gardens Point and Kelvin Grove
Course duration (full-time): 3 years
Total credit points: 288
Course coordinator: Paul Makeham

Course Design

In addition to selecting core studies in creative industries from units covering Introduction to Creative Industries, Transforming Cultures, Creativity, Writing for Creative Industries and Introduction to Digital Multimedia, students can choose three sub-majors (six units) from three of the following study areas or two sub-majors (six units) and two minors (four units).

- Art and Visual Culture
- Communication Design
- Creative and Professional Writing
- Cultural Studies
- Dance
- Digital Media
- Film and Television
- Journalism
- Literary Writing and Criticism
- Music Studies
- Screen Studies
- Sound Studies
- Theatre Studies

Students may complement their studies with units from another QUT discipline area including Business, Information Technology, Science, Law, Health, Built Environment and Engineering, Education and Social Science.

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

Semester 1, Year 1
Creative Industries Core Unit
Sub-Major One
Sub-Major Two
Sub-Major Three

Semester 2, Year 1
Creative Industries Core Unit
Sub-Major One
Sub-Major Two
Sub-Major Three

Semester 1, Year 2
Creative Industries Core Unit
Sub-Major One
Sub-Major Two
Sub-Major Three

Semester 2, Year 2
Creative Industries Core Unit
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

List A - Creative Industries Core Units
See Bachelor of Creative Industries (Media Studies) (KC32) in this section.

List B - Creative Industries Open Electives
See Bachelor of Creative Industries (Media Studies) (KC32) in this section.

List C - Sub-Majors
See Bachelor of Creative Industries (Media Studies) (KC32) in this section.
Bachelor of Creative Industries (Media Studies) (KC32)

Award title: Bachelor of Creative Industries (Media Studies)
CRICOS code: 040305G
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
Discipline coordinator: Dr Terry Flew

Course Structure

Year 1, Semester 1
KCB140 Media and Society: From Printing Press to Internet
KPB130 Media Text Analysis
KPB141 Film and Television Language
Creative Industries Core Unit

Year 1, Semester 2
KPB147 Film and Television Genres
KCB336 New Media Technologies
Creative Industries Core Unit

Year 2, Semester 1
Creative Industries Core Unit
Elective List B
Choose two from the following:
KPB233 Television Cultures
KPB209 Australian Television
KCB295 Virtual Cultures

Year 2, Semester 2
Elective List B
Choose one from the following:
KPB305 American Film
KPB358 Documentary Theory and Practice
KCB204 Globalisation and New Media

Year 3, Semester 1
KPB343 Australian Film
KCB349 Media Audiences
Elective List B

Year 3, Semester 2
Elective List B
Choose one from the following:
KPB307 Feminist Screen Studies
KPB311 Asian Film and Media
KPB344 International Cinema

List A - Creative Industries Core Units
KKB018 Creative Industries
KKB218 Creativity
KKB418 Transforming Cultures
KKB618 Writing For Creative Industries
KKB818 Introduction to Multimedia Technology

List B - Creative Industries Open Electives

Semester 1
KPB130 Media Text Analysis
KCB140 Media and Society: From Printing Press to Internet
KCB295 Virtual Cultures
KDB053 Gender Issues in the Visual and Performing Arts
KDB125 Deconstructing Dance in History
KDX104 Architecture of the Body
KIB816 Interactive Writing
KIB811 Visual Interactions
KKB818 Introduction to Multimedia Technology
KIB825 History of Animation
KJB101 Journalism Information Systems
KJB120 Newswriting
KPB118 Fundamentals of Photography
KPB111 Media Writing
KPB233 Television Cultures
KPB209 Australian Television

Semester 2
KCB204 Globalisation and New Media
KCB336 New Media Technologies
KDB106 The Analysis of Modern Dance
KDB114 Australian Dance
KDB172 World Dance
KDB176 Popular Dance Styles
KIB814 Applications of Design Technology
KIB819 Electronic Publishing
KIB813 Contemporary Issues in Technology Design
KKB818 Introduction to Multimedia Technology
KJB101 Journalism Information Systems
KJB120 Newswriting
KPB111 Media Writing
KPB118 Fundamentals of Photography
KPB155 Media Production
KPB305 American Film
KPB358 Documentary Theory and Practice
KPB359 Film History
KPB343 Australian Film
KPB311 Asian Film and Media
KPB307 Feminist Screen Studies
KPB344 International Cinema
KPB147 Film and Television Genres
KSB276 Visual Theatre - Design
KTB061 Arts Business Management
KTB251 Theatre History: 20th Century Stages
KTB278 Technical Theatre
KVB447 Drawing
KVP507 Painting
KVP701 Modernism
KVP703 Video Art and Culture
KVP503 Clay Materials
KVP509 Photographic Media
KVP511 Printmaking
KWB150 Film, Crime and Deviance
KWB135 Persuasive Writing
KWB316 Imagining Brisbane
KWB321 Body Matters
KWB350 Creative Writing and Publishing
KWB380 Creative Nonfiction Writing 1
KWB725 Popular Fictions, Popular Culture
KWB729 Shakespeare, Then and Now
KVB457 Sculpture
KVB704 Theories of Spatial Culture

List C - Sub-Majors

Arts and Visual Culture
Prerequisite Units
KVB702 Australian and Indigenous Art
KVB701 Modernism
Advanced Units
KVB444 Contemporary Visual Arts of Asia
KVB712 Contemporary Art Issues
KVB703 Video Art and Culture
KVB704 Theories of Spatial Culture
**Communication Design**
Prerequisite Units
KKB818 Introduction to Multimedia Technology
KIB825 History of Animation
KIB814 Applications of Design Technology
Advanced Units
KIB816 Interactive Writing
KIB811 Visual Interactions
KIB819 Electronic Publishing
KIB813 Contemporary Issues in Technology Design

**Creative and Professional Writing**
Prerequisite Units
KWB250 Introduction to Creative Writing
KWB380 Creative Nonfiction Writing 1
Advanced Units
KWB381 Creative Nonfiction Writing 2
KWB315 Persuasive Writing
KWB314 Corporate Writing and Editing
KWB399 The Writing and Publishing Industry
OR
KWB229 Film and Television Scriptwriting

**Literary and Cultural Studies**
Prerequisite Units
KWB716 Introduction to Literary and Cultural Studies
KWB710 Ozlit
Advanced Units
KWB625 American Stories
OR
KWB318 Music and Culture: Rock Stars to DJs
KWB729 Shakespeare, Then and Now
OR
KWB712 Youth Writing
KWB321 Body Matters
OR
KWB724 Wonderlands: Literature and Culture in the 19th Century
KWB725 Popular Fictions, Popular Culture

**Dance**
Prerequisite Units
KDB125 Deconstructing Dance in History
KDB106 The Analysis of Modern Dance
Advanced Units
KDX104 Architecture of the Body
KDB114 Australian Dance
KDB172 World Dance
KDB176 Popular Dance Styles

**Digital Media**
Prerequisite Units
KCB140 Media and Society: From Printing Press to Internet
KCB336 New Media Technologies
Advanced Units
KCB295 Virtual Cultures
KCB349 Media Audiences
KCB204 Globalisation and New Media
KCB348 Applied Media Studies

**Film and Television**
Prerequisite Units
KPB111 Media Writing
KPB155 Media Production
Advanced Units
KPB141 Film and Television Language
KPB118 Fundamentals of Photography
KPB185 Informational Production
KPB260 Community and Educational Video

**Journalism**
Prerequisite Units
KJB101 Journalism Information Systems
KJB120 Newswriting
Advanced Units
KJB121 Journalistic Inquiry
KJB224 Feature Writing
KJB180 Speech Communication For Journalists
KPB155 Media Production
KJB239 Journalism Ethics and Issues
KJB280 International Journalism

**Music Studies**
Prerequisite Units
KMB631 World Music
KMB640 Sex Drugs Rock N Roll
Advanced Units
KMB638 Sound and Image
KMB648 The Music Scene
KMB649 Introductory Musicianship
KMB650 Introductory Ensemble

**Screen Studies**
Prerequisite Units
KPB130 Media Text Analysis
KPB141 Film and Television Language
Advanced Units
KPB209 Australian Television
OR
KPB233 Television Cultures
KPB305 American Film
OR
KPB358 Documentary Theory and Practice
KPB343 Australian Film
KPB344 International Cinema

**Sound Studies**
Prerequisite Units
KMB631 World Music
KMB640 Sex Drugs Rock N Roll
Advanced Units
KMB638 Sound and Image
KMB648 The Music Scene
KMB621 Sound Recording and Acoustics
KMB619 Music and Sound Technology

**Theatre Studies**
Prerequisite Units
KTB208 Elements of Drama
KTB251 Theatre History: 20th Century Stages
Advanced Units
KSB259 The Performance Instrument: Body and Voice
KTB252 Theatre History: the Sound of Theatre
KTB271 Studies in Directing
KTB275 Understanding Theatre
KTB307 Writing For Performance

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### 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

**Course coordinator:** Victoria Garnons-Williams

**Course Structure**

#### Year 1, Semester 1
- KVB740 Studio Art Practice 1
- KVB702 Australian and Indigenous Art

#### Year 1, Semester 2
- KVB741 Studio Art Practice 2
- KVB701 Modernism

#### Year 2, Semester 1
- KVB742 Studio Art Practice 3
- KVB703 Video Art and Culture

#### Year 2, Semester 2
- KVB444 Contemporary Visual Arts of Asia

#### Year 3, Semester 1
- Elective
- Elective
- Elective
- Elective
# 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

**Course coordinator:** John O’Hare

### Course Structure

**Semester 1, Year 1**

- KSB202 Acting 1
- KSB204 Voice and Movement 1
- Creative Industries Core Unit

**Semester 2, Year 1**

- KSB203 Acting 2
- KSB205 Voice and Movement 2
- KTB251 Theatre History: 20th Century Stages

**Semester 1, Year 2**

- KSB011 Music Theatre Skills
- KSB247 Acting 3
- KSB233 Voice and Movement 3

**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 Theatre History: Staging Australia
- KSB235 Voice and Movement 5

**Semester 2, Year 3**

- KSB056 Professional Studies
- KSB256 Theatre Project 2

### Pathway 1 - Animation

**Year 1, Semester 1**

- KVB755 Foundations of Drawing For Animation
- KIB807 Media Technology 1

### Pathway 2 - Interaction Design

**Year 1, Semester 1**

- KIB801 Foundations of Communication Design 1
- KIB807 Media Technology 1

**Year 1, Semester 2**

- KIB802 Foundations of Communication Design 2
- KIB808 Media Technology 2
- KIB814 Applications of Design Technology
- KIB816 Interactive Writing

**Year 2, Semester 1**

- KIB809 Interaction Design 1
- KIB803 Temporal Media
- KIB804 3-D Animation 1
- KMB626 Music and Sound For Multimedia

**Year 3, Semester 1**

- KIB805 Design Project A
- KIB826 3-D Animation 3
- KIB813 Contemporary Issues in Technology Design

**Year 3, Semester 2**

- KIB806 Design Project B
- KIB056 Professional Studies

### Pathway 3 - Sound Design

**Year 1, Semester 1**

- KMB657 Music Production Studies 1
- KIB807 Media Technology 1
- KMB621 Sound Recording and Acoustics

**Year 1, Semester 2**

- KMB658 Music Production Studies 2
- KIB808 Media Technology 2
- KMB619 Music and Sound Technology

**Choose one from:**

- KMB640 Sex Drugs Rock N Roll
- KMB648 The Music Scene

**Year 2, Semester 1**

- KMB659 Music Production Studies 3
- KIB809 Interaction Design 1
- KMB626 Music and Sound For Multimedia
- KMB631 World Music
- KMB618 Soundtracks For Film and Television

**Year 2, Semester 2**

- KMB660 Music Production Studies 4
- KIB815 Interaction Design 2
KMB635  Sound Media Musicianship  
Creative Industries Core Unit  

Year 3, Semester 1  
KMB681  Music Project 1  
KMB618 Soundtracks For Film and Television  
Elective  

Semester 2, Year 3  
KMB682 Music Project 2  
KJB056 Professional Studies  
Elective  

List A - Creative Industries Core Units  
See Bachelor of Creative Industries (Media Studies) (KC32) in this section.  

List B - Creative Industries Open Electives  
See Bachelor of Creative Industries (Media Studies) (KC32) in this section.  

- Bachelor of Fine Arts (Creative Writing Production) (KW25)  
  Award title: Bachelor of Fine Arts (Creative Writing Production)  
  CRICOS code: 040306F  
  Location: Gardens Point  
  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: Associate Professor Philip Neilsen  

Course Structure  
Semester 1, Year 1  
KWB250  Introduction to Creative Writing  
KPB111  Media Writing  
Creative Industries Core Unit  
Elective  
Semester 2, Year 1  
KWB350  Creative Writing and Publishing  
KTB307  Writing For Performance  
Creative Industries Core Unit  
Elective  
Semester 1, Year 2  
KWB229  Film and Television Scriptwriting  
KWB370  Electronic Creative Writing  
KJB224  Feature Writing  
Elective  
Semester 2, Year 2  
KWB380  Creative Nonfiction Writing 1  
KWB712  Youth Writing  
KWB395  Creative Writing Project 1 [12cp]  
Elective  
Semester 1, Year 3  
KWB399  The Writing and Publishing Industry  
KWB382  Editing and Creative Writing [24cp]  
Elective  
Semester 2, Year 3  
KWB396  Creative Writing Project 2 [36cp]  
Elective  

- Bachelor of Fine Arts (Fashion Design) (KF25)  
  Award title: Bachelor of Fine Arts (Fashion Design)  
  Location: Kelvin Grove  
  Course duration (full-time): 3 years  
  Total credit points: 288  
  Standard credit points per semester (full-time): 48  
  Discipline coordinator: TBA  

Course Structure  
Semester 1, Year 1  
KFB401  Design Studio 1  
KVB757/1 Drawing For Fashion 1  
KFB407/1 Textiles  
KFB413  Introduction to Fashion Design  
KDX104  Architecture of the Body  
Creative Industries Core Unit  
Semester 2, Year 2  
KFB402  Design Studio 2  
KFB408 Fashion in Context  
MGB218  Venture Skills  
Creative Industries Core Unit  
KFB403  Design Studio 3  
Creative Industries Core Unit  
Semester 1, Year 2  
KFB757/2 Drawing For Fashion 1  
KFB407/2 Textiles  
KFB408 Fashion in Context  
MGB218  Venture Skills  
Creative Industries Core Unit  
KFB403  Design Studio 3  
Creative Industries Core Unit  
Semester 2, Year 2  
KFB404  Design Studio 4  
KFB758 Drawing for Fashion 2  
KFB410/2 Research Seminar  
Fashion Elective - Choose one from:  
KFB411  Advanced Textiles  
KFB412  Applied Planning  
KFB413  Introduction to Fashion Design  
KFB414  Cross Media Design Applications  
KFB415  Design Project  
Elective (List B)  
Semester 1, Year 3  
KDB181  Dance Technique Studies 2  
KDX112  Performance 2  
KDX143  Choreographic Studies 1  
Year 2, Semester 1  
KDB125  Deconstructing Dance in History  
KDB182  Dance Technique Studies 3  
KDX141  Performance 3  
KDX144  Choreographic Studies 2  
Year 2, Semester 2  
KDB114  Australian Dance  
KDB183  Dance Technique Studies 4  
KDX142  Performance 4  
KDX145  Choreographic Studies 3  
Year 3, Semester 1  
KDX144  Choreographic Studies 2  
KDX141  Performance 3  
KDB053  Gender Issues in the Visual and Performing Arts  
KSB011  Music Theatre Skills  
Elective List A or List B  
Year 3, Semester 2  
KDB114  Australian Dance  
KDX145  Choreographic Studies 3  
KDX142  Performance 4  
KDB172  World Dance  
OR  
Elective List A or List B  
NOTE: Students wishing to graduate with BFA (Dance) must have 2 elective units outside the Dance area  

List A - Creative Industries Core Units  
See Bachelor of Creative Industries (Media Studies) (KC32) in this section.  

List B - Creative Industries Open Electives  
See Bachelor of Creative Industries (Media Studies) (KC32) in this section.  

- 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  
  Discipline coordinator: TBA  

Course Structure  
Year 1, Semester 1  
KDB125  Deconstructing Dance in History  
KDB180  Dance Technique Studies 1  
KDX104  Architecture of the Body  
KDX111  Performance 1  
Year 1, Semester 2  
KDB172  World Dance  

Q U T H A N D B O O K 2 0 0 2 • P A G E 1 3 5
KFB405  Design Studio 5  
Fashion Elective - Choose one from: 
KFB411  Advanced Textiles  
KFB412  Applied Planning  
KFB413  Introduction to Fashion Design  
KFB414  Cross Media Design Applications  
KFB415  Design Project  
Elective (List B)  
Semester 2, Year 3  
KFB406  Design Studio 6  
KFB056  Professional Studies (Fashion)  
KFB412  Applied Planning  
List A - Creative Industries Core Units  
See Bachelor of Creative Industries (Media Studies) (KC32) in this section.  
List B - Creative Industries Open Electives  
See Bachelor of Creative Industries (Media Studies) (KC32) in this section.

■ 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  
Discipline coordinator: Ms Helen Yeates  
Course Structure - Production Pathway  
Semester 1, Year 1  
KPB111  Media Writing  
KPB155  Media Production  
KPB141  Film and Television Language  
Creative Industries Core Unit  
Semester 2, Year 1  
KPB185  Informational Production  
KPB147  Film and Television Genres  
KPB359  Film History  
Creative Industries Core Unit  
Semester 1, Year 2  
KPB190  Creative Production  
KPB314  Media Business  
Elective  
Semester 2, Year 2  
KPB265  Corporate Production  
KWB229  Film and Television Scriptwriting  
Elective  
Semester 1, Year 3  
KPB358  Documentary Theory and Practice  
KPB270  Film Drama Production  
Creative Industries Core Unit  
Course Structure - Writing for Screen Pathway  
Semester 1, Year 1  
KWB250  Introduction to Creative Writing  
KPB111  Media Writing  
KPB155  Media Production  
Creative Industries Core Unit  
Semester 2, Year 1  
Elective  
KWB350  Creative Writing and Publishing  
KPB185  Informational Production  
Creative Industries Core Unit  
Semester 1, Year 2  
KWB229  Film and Television Scriptwriting  
Elective  
KPB190  Creative Production  
Semester 2, Year 2  
KWB380  Creative Nonfiction Writing 1  
KWB399  The Writing and Publishing Industry  
KPB265  Corporate Production  
Semester 1, Year 3  
KWB370  Electronic Creative Writing  
KTB307  Writing For Performance  
KPB314  Media Business  
KPB268  Film and Television Drama Practice  
Semester 2, Year 3  
KWB712  Youth Writing  
KWB395  Creative Writing Project 1 [12cp]  
KPB270  Film Drama Production  
Course Structure - Multimedia Pathway  
Semester 1, Year 1  
KPB111  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 1  
KIB803  Temporal Media  
Elective  
Semester 2, Year 2  
KPB360  Documentary Production  
KIB822  Interaction Design 3  
Elective  
List A - Creative Industries Core Units  
See Bachelor of Creative Industries (Media Studies) (KC32) in this section.  
List B - Creative Industries Open Electives  
See Bachelor of Creative Industries (Media Studies) (KC32) in this section.

■ 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: Mr George Miejer  
Course Structure  
Year 1, Semester 1  
KSB274  Theatrecraft  
KSB289  Technical Production 1  
Creative Industries Core Unit  
Elective  
Year 1, Semester 2  
KMB621  Sound Recording and Acoustics  
KSB292  Stage Management 1  
KTB251  Theatre History: 20th Century Stages  
Creative Industries Core Unit  
Year 2, Semester 1  
KSB290  Technical Production 2  
KSB293  Stage Management 2  
KTB253  Theatre History: Staging Australia  
Creative Industries Core Unit  
Elective  
Year 2, Semester 2  
KSB291  Technical Production 3  
KTB061  Arts Business Management  
KTB271  Studies in Directing  
KSB276  Visual Theatre - Design
List A - Creative Industries Core Units
See Bachelor of Creative Industries (Media Studies) (KC32) in this section.

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
Course coordinator: Victoria Garnons-Williams

Course Structure - Studio Arts
Studio Arts, Semester 1, Year 1
KVB740 Studio Art Practice 1
KVB702 Australian and Indigenous Art
Creative Industries Core Unit

Studio Arts, Semester 2, Year 1
KVB741 Studio Art Practice 2
KVB701 Modernism
Elective

Studio Arts, Semester 1, Year 2
KVB742 Studio Art Practice 3
KVB703 Video Art and Culture
Creative Industries Core Unit

Studio Arts, Semester 2, Year 2
KVB743 Studio Art Practice 4
KVB444 Contemporary Visual Arts of Asia
KVB056 Professional Practice
Creative Industries Core Unit

Studio Arts, Semester 1, Year 3
KVB744 Studio Project 1
KVB712 Contemporary Art Issues
KKN058 Arts Research

Studio Arts, Semester 2, Year 3
KVB745 Studio Project 2
KVB704 Theories of Spatial Culture
Elective - List B

Course Structure - Intermedia Arts
Intermedia Arts, Semester 1, Year 1
KVB740 Studio Art Practice 1
KMB657 Music Production Studies 1
Creative Industries Core Unit

Intermedia Arts, Semester 2, Year 1
KVB741 Studio Art Practice 2
KMB658 Music Production Studies 2
KKB818 Introduction to Multimedia Technology

Intermedia Arts, Semester 1, Year 2
KMB659 Music Production Studies 3
KJB808 Media Technology 2
Creative Industries Core Unit
KMB621 Sound Recording and Acoustics

Intermedia Arts, Semester 2, Year 2
KMB626 Music and Sound For Multimedia
KMB638 Sound and Image
KVB703 Video Art and Culture
KMB635 Sound Media Musicianship

Intermedia Arts, Semester 1, Year 3
KMB681 Music Project 1
KVB744 Studio Project 1
KJB809 Interaction Design 1
KVB712 Contemporary Art Issues

Intermedia Arts, Semester 2, Year 3
KMB682 Music Project 2
KVB745 Studio Project 2
Elective - List B
Elective - List B

List B - Creative Industries Open Electives
See Bachelor of Creative Industries (Media Studies) (KC32) in this section.

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: Sue Forster

Performance Pathway
Year 1, Semester 1
KMB651 Music Performance Studies 1
KMB632 Core Musicianship 1
KMB619 Music and Sound Technology
Creative Industries Core Unit

Year 1, Semester 2
KMB652 Music Performance Studies 2
KMB633 Core Musicianship 2
KMB621 Sound Recording and Acoustics
Choose one from:
KMB640 Sex Drugs Rock N Roll
KMB648 The Music Scene

Year 2, Semester 1
KMB653 Music Performance Studies 3
KMB630 Music Textures
KMB634 Contemporary Art Music Musicianship
KMB636 Cross Cultural Musicianship
Creative Industries Core Unit
Choose one from:
KMB638 Sound and Image
KMB631 World Music
KMB616 Ensemble Project A

Year 2, Semester 2
KMB654 Music Performance Studies 4
KMB635 Sound Media Musicianship
OR
KMB637 Jazz and Popular Music Musicianship
Creative Industries Core Unit
Choose one from:
KMB640 Sex Drugs Rock N Roll
KMB622 Second Study 1
KMB629 Ensemble Project B

Year 3, Semester 1
KMB681 Music Project 1
Elective
Choose one from:
KMB618 Soundtracks For Film and Television
KMB623 Conducting
KMB629 Ensemble Project B

Year 3, Semester 2
KMB682 Music Project 2
Elective
Choose one from:
KMB617 Arranging
KMB056 Professional Studies
KMB622 Second Study 1
KMB648 The Music Scene

Music Theatre Pathway
Year 1, Semester 1
KMB651 Music Performance Studies 1
KMB632 Core Musicianship 1
KMB619 Music and Sound Technology
Creative Industries Core Unit

Year 1, Semester 2
KMB652 Music Performance Studies 2
KMB633 Core Musicianship 2
KMB621 Sound Recording and Acoustics
Choose one from:
KMB640 Sex Drugs Rock N Roll
KDB176 Popular Dance Styles

Year 2, Semester 1
KMB653 Music Performance Studies 3
KMB630 Music Textures
KMB634 Contemporary Art Music Musicianship
OR
KMB636 Cross Cultural Musicianship
Creative Industries Core Unit

Year 3, Semester 1
KMB681 Music Project 1
Elective
Choose one from:
KMB617 Arranging
KMB626 Music and Sound For Multimedia
KMB648 The Music Scene

Year 3, Semester 2
KMB682 Music Project 2
Music Elective
Choose one from:
KMB056 Professional Studies
KMB648 The Music Scene

Screen and Mixed Media Pathway
Year 1, Semester 1
KMB657 Music Production Studies 1
KMB632 Core Musicianship 1
KMB619 Music and Sound Technology
Creative Industries Core Unit

Year 1, Semester 2
KMB658 Music Production Studies 2
KMB633 Core Musicianship 2
KMB621 Sound Recording and Acoustics
KMB626 Music and Sound For Multimedia

Year 2, Semester 1
KMB659 Music Production Studies 3
KMB630 Music Textures
KMB634 Contemporary Art Music Musicianship
OR
KMB636 Cross Cultural Musicianship
Creative Industries Core Unit

Year 2, Semester 2
KMB660 Music Production Studies 4
KMB617 Arranging
KMB626 Music and Sound For Multimedia
KMB648 The Music Scene

Year 3, Semester 1
KMB681 Music Project 1
Elective
Choose one from:
KMB617 Arranging
KMB631 World Music
KMB629 Ensemble Project B

Year 3, Semester 2
KMB681 Music Project 1
Choose two from:
KDB171 Theatre Dance Styles
KMB638 Sound and Image
KMB631 World Music
KTR208 Elements of Drama
KMB618 Soundtracks For Film and Television
KMB629 Ensemble Project B

KMB682 Music Project 2
Choose one from:
KDB171 Theatre Dance Styles
KMB638 Sound and Image
KMB631 World Music
KTR208 Elements of Drama
KMB618 Soundtracks For Film and Television
KMB629 Ensemble Project B

KMB683 Music Project 3
Choose one from:
KMB638 Sound and Image
KMB631 World Music
KTR208 Elements of Drama
KMB618 Soundtracks For Film and Television
KMB629 Ensemble Project B

KMB684 Music Project 4
Choose one from:
KMB638 Sound and Image
KMB631 World Music
KTR208 Elements of Drama
KMB618 Soundtracks For Film and Television
KMB629 Ensemble Project B

KMB685 Music Project 5
Choose two from:
KMB638 Sound and Image
KMB631 World Music
KTR208 Elements of Drama
KMB618 Soundtracks For Film and Television
KMB629 Ensemble Project B

KMB686 Music Project 6
Choose one from:
KMB638 Sound and Image
KMB631 World Music
KTR208 Elements of Drama
KMB618 Soundtracks For Film and Television
KMB629 Ensemble Project B
CREATIVE INDUSTRIES

KMB635 Sound Media Musicianship
OR
KMB637 Jazz and Popular Music Musicianship
Creative Industries Core Unit
Choose one from:
KPB155 Media Production
KKB818 Introduction to Multimedia Technology

Year 3, Semester 1
KMB681 Music Project 1
Elective
Choose one from:
KMB618 Soundtracks For Film and Television
KPB155 Media Production
KPB141 Film and Television Language

Digital Media Pathway
Year 1, Semester 1
KMB657 Music Production Studies 1
KMB632 Core Musicianship 1
KMB619 Music and Sound Technology
Creative Industries Core Unit
Year 1, Semester 2
KMB658 Music Production Studies 2
KMB633 Core Musicianship 2
KMB621 Sound Recording and Acoustics
Choose one from:
KMB640 Sex Drugs Rock N Roll
KMB626 Music and Sound For Multimedia

Year 2, Semester 1
ITB410 Software Development 1
KMB659 Music Production Studies 3
KMB630 Music Textures
KMB634 Contemporary Art Music Musicianship
OR
KMB636 Cross Cultural Musicianship
Choose one from:
KMB638 Sound and Image
KMB631 World Music
KMB626 Music and Sound For Multimedia

Year 2, Semester 2
KMB660 Music Production Studies 4
KMB635 Sound Media Musicianship
OR
KMB637 Jazz and Popular Music Musicianship
Creative Industries Core Unit
Choose one from:
KMB626 Music and Sound For Multimedia
ITB410 Software Development 1
ITB411 Software Development 2
ITB107 Programming Laboratory

Year 3, Semester 1
KMB681 Music Project 1
Elective
Choose one from:
KIB807 Media Technology 1
ITB410 Software Development 1
ITB411 Software Development 2
ITB463 Pattern Recognition
ITB107 Programming Laboratory

Year 3, Semester 2
KMB682 Music Project 2
Elective
Choose one from:
KMB056 Professional Studies
KMB648 The Music Scene
ITB411 Software Development 2
ITB463 Pattern Recognition
ITB107 Programming Laboratory

List A - Creative Industries Core Units
See Bachelor of Creative Industries (Media Studies) (KC32) in this section.

List B - Creative Industries Open Electives
See Bachelor of Creative Industries (Media Studies) (KC32) in this section.

■ 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: Ms Shaaron Boughten

Associate Degree in Dance
Year 1, Semester 1
KDX111 Performance 1
KDX104 Architecture of the Body
KDB180 Dance Technique Studies 1
KDB125 Deconstructing Dance in History
International students have an option to study the following instead of KDB125:
QCD110 Communication For Business 1
Year 1, Semester 2
KDX112 Performance 2
KDB181 Dance Technique Studies 2
KDX143 Choreographic Studies 1
KDB172 World Dance
International students have an option to study the following instead of KDB172:
QCD210 Communication For Business 2
Year 2, Semester 1
KDX144 Choreographic Studies 2
KDX141 Performance 3
KDB182 Dance Technique Studies 3
KDB125 Deconstructing Dance in History
Semester 2, Year 2
KDB183 Dance Technique Studies 4
KDX142 Performance 4
KDX145 Choreographic Studies 3
Elective List B

List B - Creative Industries Open Electives
See Bachelor of Creative Industries (Media Studies) (KC32) in this section.

■ Advanced Certificate in Dance Teaching (KD06)
Award title: Advanced Certificate in Dance Teaching
Location: External
Course duration (external): 1 semester full-time; 2 semesters part-time
Total credit points: 96
Course coordinator: Ms Jude Smith

Entry Requirements
Professional Practice and Business Administration for Dance Teachers Professional Practice and Business Administration for Dance Teachers.

Course Structure
Students should contact the Course Coordinator to discuss their enrolment program
First Semester
KDB189 Dance Assessment and Reporting
KDB190 Professional Practice and Business Administration For Dance Teachers
KDB191 Dance Teaching Methodologies
KDB192 Stagecraft and Costume For Dance
KDB197 Dance Analysis and Dance Histories
KDB198 Safe Dance Practice

Second Semester
KDB189 Dance Assessment and Reporting
KDB190 Professional Practice and Business Administration For Dance Teachers
KDB191 Dance Teaching Methodologies
KDB192 Stagecraft and Costume 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
Course coordinator: Jude Smith

Entry requirements
Professional Practice and Business Administration for Dance Teachers Professional Practice and Business Administration for Dance Teachers.

Course Structure
Students should contact the Course Coordinator to discuss their enrolment program.

First Semester
KDB198 Safe Dance Practice
KDB189 Dance Assessment and Reporting
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
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
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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. Courses meet national and international standards with our continuing commitment to preservice teacher education 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
Acting Assistant to the Dean (Undergraduate Programs): Dr T. Aspland, DipT KPCAE, BEdSt Qld, BA Qld, MEd (Vic), PhD Qld
Acting Assistant to the Dean (Postgraduate Programs): Prof E.L. McWilliam, DipT KGCAE, BA MESt PhD Qld
Faculty Administration Manager: B. Zebergs

School of Cultural and Language Studies in Education
Head: Associate Professor W.T. Corcoran, BA DipEd Qld, MLitt NE, MA PhD Alta
Professor: N. Kyle, BA(Hons) PhD N’cle
Associate Professors:
P.A. McKay, BEd SACAE, MA ASU, PhD Qld
P. Singh, DipT TCAE, BEd(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:
H.A. Mohay, BSc(Hons) Leicester, DipAppPsych Liverpool, PhD Qld, MAPS, ABPS
S.K. Wright, BEd MEd Alta, PhD N’cle (NSW)

School of Learning & Professional Studies
Acting Head: Associate Professor: W. Patton, BEd James Cook, BA(Hons) PhD Qld
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
J.G. Lidstone, CertEd Durh, BSc(Econ)(Hons) AdvDipEd MA PhD Lond, FRGS

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, MSt Pacific, PhD Monash, MACE, MRACI
Associate Professor: K.B. Lucas, BSc MEd Syd, DipEd NE, MSc Macq, PhD Indiana

RESEARCH CENTRES
Centre for Applied Studies in Early Childhood
The centre conducts research in two broad areas: child development and child rearing in contemporary societies; and reconceptualisation of early childhood curriculum programs and the work of teachers.

Centre for Cognitive Processes in Learning
The centre conducts research in the area of cognitive processes in a wide range of aspects of learning. This includes cognitive and metacognitive processes and affective aspects as they relate to learning and development.

Centre for Mathematics and Science Education
The centre focuses on research concerning curriculum development and evaluation, student attitudes and learning, information technology applications, and teacher beliefs and teacher change as they relate to mathematics, science and technology education.

Centre for Professional Practice in Leadership Education and Training
The centre focuses on research in four areas:
• curriculum development and professional growth of practitioners
• adult and workplace education and the nature of learning organisations
• social and environmental education and the promotion of the social and physical environment
• leadership and organisational climate and policy analysis.

The research priority for each of these areas is concerned with improved professional practice and it is this common focus which integrates the work of the Centre.

Centre for Language, Literacy and Diversity
The centre provides opportunities to undertake theoretical or applied research in three overlapping and interdependent areas of enquiry: (i) language studies in education (eg. second language and LOTE education, sociolinguistic studies); (ii) literacy studies in education (eg. textual and policy studies, technological and information literacies, critical literacy); and (iii) educational diversity (eg. studies of gender and sexuality, youth studies, ethnicity, social justice and schooling).
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; 4.5 years without a relevant Masters  
Total credit points: 288  
Standard credit points per semester (part-time): 24  
Course coordinator: Dr Susan Danby  

Entry requirements
(i) A four-year education degree or its equivalent with First Class Honours or Honours IIA or a masters degree in education or in a field relevant to the professional doctorate in education AND  
(ii) two years practice in a position of professional responsibility in education or a closely related field.  

Overview
The Doctor of Education (EdD) is a professional doctorate which requires the completion of coursework units and a thesis. A professional doctorate addresses the need for a higher degree oriented towards the enhancement of professional practice and is designed to focus on applied investigation and problem solving rather than on a contribution to pure research or to theoretical knowledge. Its focus is the professional development of practitioners involved in some aspect of education.  
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. 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.  

Provisional Enrolment
Students with lesser academic qualifications but with exemplary professional experience may be given provisional enrolment on the approval of the Dean of Education.  
(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.  

Procedure for Enrolment
(i) Before submitting an application for enrolment, a potential candidate shall consult the Course Coordinator who will assist in the preparation of the appropriate application form concerning eligibility and special interests.  
(ii) A person seeking admission to the course shall apply on the appropriate application forms through Student Administration. The completed application forms should be accompanied by any specified documentation. These will include a proposal for a course of study and research to be pursued for the purpose of obtaining the degree and other requirements as specified in the form. A person relying on qualifications from another institution of higher education shall furnish with their application evidence of such qualifications. After acknowledgement and recording of basic information by Student Administration, the application will be forwarded for consideration to the Course Coordinator.  
(iii) The Course Coordinator will forward recommendations on applications to the Dean for approval before forwarding official advice to all applicants on the outcome of their applications through Student Administration.  

Course of Study

Length
(i) Candidates for the degree of Doctor of Education will normally be required to complete their course in at least 3.5 years of part-time study.  
(ii) Without the permission of the Faculty Academic Board, no full-time candidate for the degree of EdD shall submit a thesis for examination more than 24 months from the date on which registration in the program was granted. The corresponding period in the case of a part-time candidate shall be 42 months.  
(iii) Where a candidate wishes to change from full-time to part-time registration, or vice versa, application must be made in writing to the Faculty Academic Board. All such applications must specify the revised date of expected completion.  
(iv) Where application is made for permission to extend the period within which the candidate may submit a thesis for examination, details of the candidate’s progress shall be presented to the Faculty Academic Board, together with the reasons for the delay in completing the course and the expected date of completion. Where the Board agrees to an extension, it may set a limit to the maximum period of registration in the EdD program.  

Credit Points
A candidate for the Doctor of Education award will obtain a total of 72 credit points in coursework, and 216 credit points in the preparation and presentation of a thesis.  

Studies in the course of the award will consist of two stages involving specified coursework and a thesis. Satisfactory performance in Stage 1 will be necessary before preparation of the thesis can commence.  

Course Structure

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]).  
Note: Students entering the course with an MEd 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.  

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 presentation of a thesis or alternative to the supervisory team for approval; production of the thesis in a suitable form for examination.
Transfer of Credit
Application for credit will be considered by the Course Coordinator. Where candidates possess postgraduate qualifications in related and appropriate academic areas, credit up to a maximum of 72 credit points may be granted towards coursework.

Supervision
(i) The criteria for selecting for Doctor of Education students are: domain expertise, qualifications and supervisory experience. Normally, the Principal Supervisor will be a member of the Faculty of Education.
(ii) Consistent with QUT rules, Doctor of Education students must have a Principal Supervisor and at least one Associate Supervisor.
(iii) No staff member will normally be permitted to supervise, either as a principal or an associate supervisor, more than six full-time higher degree students concurrently.
(iv) Faculty of Education staff members appointed as supervisors to Doctor of Education students will normally be members of the Faculty Research Committee: Doctoral Sub-Committee and will be expected to represent that Committee as a panel member at doctoral Confirmation of Candidature and Oral Presentation seminars. Undertaking this role forms part of the Faculty’s approach to the staff development of supervisors.
(v) Where appropriate an associate supervisor may be appointed from industry.

Procedures for selecting the supervisors for Doctor of Education students will be:
(i) Students may obtain from the Course Coordinator, Heads of School and Directors of Centres information regarding procedures for selection of supervisors.
(ii) While enrolled in the first semester of study in EDR703 - Interdisciplinary Education Studies, Students must have a ‘Pro-Tem’ Supervisor in consultation with the Course Coordinator and Centre Director and advised the Course Coordinator in writing of the supervisor’s details.
(iii) When the student reaches enrolment in EDR702/3 - Thesis Stage 3 Confirmation, the student must complete the Nomination of Supervisor form providing details of their supervisor.
(iv) Supervision is discussed with Heads of School, Directors of Centres and with the Course Coordinator.
(v) The Course Coordinator, after agreement with the relevant Head of School(s) and Directors of Centres recommends the names of supervisors for specific students to the Faculty Research Committee which, in turn, recommends these supervisors to the Faculty Academic Board.
(vi) The names of supported supervisors will be transmitted for University approval to the Research Management Committee.
(vii) If the Principal Supervisor leaves the staff of the Faculty of Education, 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.

Confirmation of Candidature
Within two years of enrolment for part-time students (or 18 months for full-time students), the student in consultation with his/her supervisor, should present for confirmation. Failure to do so could result in the candidate’s progress being deemed unsatisfactory.

The Confirmation of Candidature Review Panel of the Faculty Research Committee will review the candidate’s progress and course of study in the form of a formal seminar presentation, before candidature in the Doctor of Education program can be confirmed. Prior to this occurring the thesis proposal must first be checked by the centre director (or nominee) to ensure it meets the centre quality assurance checks before proceeding to the seminar stage.

Membership of the Confirmation of Candidature Review Panel will consist of the candidate’s principal supervisor, one member of the Doctoral Sub-Committee of the Faculty Research Committee and the Director of the relevant Centre or nominee. The quorum for the Confirmation of Candidature Review Panel is three. The EdD Course Coordinator, Head of School, other staff members and other interested people are welcome to participate in the seminar presentation.

The candidate’s principal supervisor, through the Centre Director, should notify the Chair of the Faculty Research Committee on the relevant proforma at least three weeks in advance of the proposal being completed so that a date can be set for the seminar presentation. The Student Affairs Officer in the Faculty of Education will then issue invitations and arrange a suitable venue. Three copies of the written proposal should be submitted to the Chair of the Faculty Research Committee no later than three weeks prior to the seminar presentation. The proposal will be read by the members of the Confirmation of Candidature Review Panel prior to the seminar presentation.

The proposal is a comprehensive introduction to the proposed study and should be approximately 10,000 words in length. It will normally be presented when the candidate’s progress is such that he or she has completed a thorough review of the literature and has developed a comprehensive, defensible research plan. It is suggested that the proposal be divided into sections reflecting proposed thesis headings. Supervisors will guide students in the preparation of the proposal.

The proposal will normally include:
• the proposed title of the thesis to be written
• the aims and objectives of the proposed program of research and investigation
• its relationship to previous work in the same field (i.e. a review of the relevant literature)
• the research design and methods to be followed in the study
• a reference list

Criteria for assessing the proposal include:
• clearly defined research aims and objectives
• feasibility of research project
• appropriate research design and methodology
• evidence that research approach will achieve objectives
• familiarity with literature in field and demonstration of the contribution of the proposed study to the field
• evidence of a capacity to express written ideas in a scholarly way

The Confirmation of Candidature Review Panel will meet after the seminar presentation to determine its recommendation. The candidate may be required to attend this meeting. The panel will provide feedback to the candidate on the proposal.

After all these steps have been completed to the satisfaction of the Panel, a recommendation will be made through Faculty Research Committee and the Faculty Academic Board to the Research Degrees Committee that the candidate’s enrolment in the EdD program be confirmed. The recommendation will consist of:
• an appraisal of the candidate’s proposal (including its presentation)
• an appraisal of the candidate’s progress and suitability for continuation in the EdD program
• statements of whether the studies continue to be within the aims and objectives and physical and human resources of the Centre.
The Review Panel recommendation must be submitted within one month from the date of confirmation seminar. Where the decision of the Panel is not unanimous, those members of the Panel who disagree with the Chair recommendation will submit a second report indicating the source of the disagreement. The Chair of the Faculty Research Committee (or nominee), will adjudicate on such recommendations and forward his/her recommendation to the Faculty Academic Board.

The student will have the outcomes of the evaluation procedure formally conveyed to him or her by the Research Students’ Officer as soon as possible after the outcomes are confirmed through the Research Degrees Committee.

Should the candidate’s progress be deemed unsatisfactory, the candidate will be required to submit to the Confirmation of Candidature process on one further occasion within a period of three months of the first seminar. The process for the resubmission is a repeat of the initial one.

If the panel recommends unsatisfactory progress at this point, the candidate will be terminated and the candidate will be offered the opportunity to enrol in one of the Master’s courses in Education.

**Progression, Unsatisfactory Progress and Leave**

A provisional candidate who fails to achieve a grade of five in any qualifying or Masters coursework units or fails to make satisfactory progress may be excluded from the course upon the recommendation of the coordinator to the Faculty Research Committee.

With respect to the EDR702/1-3 Thesis Stage 1-3, progress which is considered clearly unsatisfactory by the Pro-tem Supervisor, Centre Director and the Course Coordinator may lead to a recommendation by them to the Faculty Academic Board via the Faculty Research Committee that the candidate be excluded from the course.

Before Faculty Research Committee recommends exclusion, the candidate shall be given the opportunity to show cause why this action should not be taken.

In each year of candidature the academic progress of each candidate shall be reviewed by the Course Coordinator. Satisfactory progress for provisional candidates will consist of passing of qualifying requirements or course units at appropriate academic levels.

All students shall be required to confirm their candidature following the procedures outlined with in the Confirmation of Candidature policy. Once a student has been confirmed, six monthly reports are required from the principal supervisor at the end of April and October each year. The report is to be reviewed by the Course Coordinator and then forwarded through the Faculty Research Committee to Research Management Committee.

The progress report shall be signed by the candidate and supervisor and submitted through the Head of School and the Director of the Centre. When progress is deemed unsatisfactory by the course coordinator or supervisor, the course coordinator will write to the candidate to request an indication of what action has been or will be taken to ensure progress is satisfactory for the next report. When two consecutive reports indicate unsatisfactory progress, the Faculty Research Committee may require the candidate to show cause against exclusion.

A student excluded under these rules has a right of appeal to the Academic Appeals Committee. Such an appeal must be in writing, stating the grounds and reasons for it, and must reach the Secretary of the Committee within fourteen days of the date on the Registrar’s letter advising the student of the exclusion. This appeal will then be referred to the Faculty of Education Academic Board and will be considered by the Faculty of Education Academic Performance Committee.

A candidate who wishes to take leave of absence for a specified period from his/her EdD program must apply in advance on the prescribed form and return it through the faculty committee, for consideration by the Course Coordinator.

Leave of absence will not normally be approved in the coursework components EDR703, EDR702/1-2 except for medical or extenuating circumstances subject to Course Coordinator approval. The maximum period of leave of absence for which a candidate may be given approved leave 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.

A candidate who has not applied for leave and 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.

Candidates are entitled to receive up to twelve months parental (maternity/paternity/ adoption) leave. The Course Coordinator 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.

**Thesis Presentation and Examination**

Appointment of Examiners

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.

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.

Examiners must have demonstrable and substantial publications and research experience in the area under investigation, preferably have a doctoral qualification 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 and the other from industry. However examiners may be from Australian institutions provided that they are widely recognised as experts with demonstrable and substantial publications and research experience or widely recognized as industry leaders in the relevant industry. 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.

**Thesis Submission**

(i) Prior to thesis submission, the thesis proposal must first be checked by the centre director (or nominee) to ensure it meets the centre quality assurance checks before proceeding to the oral presentation stage. After making revisions suggested in the oral presentation, candidates will submit to the Student Affairs Officer three copies of the thesis, bound in a temporary form as approved by Research Degrees Committee.

(ii) The thesis must be accompanied by a signed declaration which states that:

(a) the candidate has complied with the ethics of experimentation as set out in the publication Guide to Thesis Presentation
Thesis Presentation and Examination

An oral and a written presentation to a Faculty of Education Panel is designed to assist the candidate in a final revision of the thesis and to allow the panel to recommend if the thesis is ready for examination, and the formal examination by a University Examination Committee.

Oral Presentation

(i) An oral presentation of the thesis shall be made to a Faculty of Education Panel. The presentation will be based on:

- the work described in the thesis, and
- the field of study in which the investigation lies.

The Panel consists of:

(a) the Principal Supervisor (Chair)
(b) Director of the relevant Centre or Nominee
(c) a member of the FRC Doctoral Sub-Committee

The quorum of the Faculty Panel is three.

(ii) The candidate’s principal supervisor, through the Centre Director, shall notify (Student Affairs Officer) on the relevant proforma at least four weeks in advance of the presentation.

Faculty panel members must each receive a copy of the thesis in temporary binding four weeks in advance of the date set for the oral presentation. A copy of the thesis, bound in temporary cover, must also be provided to each attending member of the University Examination Panel.

(iii) The Faculty shall advertise and arrange for the presentation to a Faculty of Education Examination Panel. The Faculty members shall also be invited to attend.

(iv) The candidate will be required to leave the room while his/her thesis is under discussion by the Faculty Oral Panel and return immediately following the discussion to review any issues raised.

(v) The panel may recommend:

- Thesis be forwarded to the appointed Thesis Examination Committee, subject to minor changes (if required);
- Thesis be forwarded to the appointed Thesis Examination Committee, subject to substantial changes made in consultation with the Principal Supervisor;
- Resubmit for Oral Presentation within three months of the first presentation.

The Review Panel recommendation must be submitted within one month from the date of Oral Presentation. Where the decision of the Panel is not unanimous, those members of the Panel who disagree with the Chair’s recommendation will submit a second report indicating the source of disagreement. The Chair of the Faculty Research Committee (or nominee) will adjudicate on such recommendations and forward his/her recommendation to the Faculty Academic Board.

(vi) Where the Faculty Research Committee is satisfied that a candidate would be seriously disadvantaged if required to undergo an oral presentation, an alternative form of presentation may be approved. Such approval should not be given solely on the grounds that the applicant’s oral competence of the English language is inadequate.

The Formal Examination

(i) Examiners will be required to submit a written assessment of the thesis within eight weeks of its receipt. These assessments will be presented on official forms forwarded with the thesis. These forms are available from the Research Students Office and will deal with the general standard and quality of the work and not with specific detail. Examiners are expected to return their assessment within eight weeks to the Research Students Office.

Candidates may be required to participate in an oral defence of their thesis but only at the request of the examiners. Each examiner should make one of the following recommendations:

(a) Pass - Implying that the thesis be accepted without modification and the degree be awarded;

or

Pass - Implying that the thesis will be fully satisfactory except possibly for minor editorial changes;

or

Pass - Implying that the thesis be accepted subject to major revisions, e.g., rewriting one of the sections, with or without additional work (changes must be made to the satisfaction of the Principal Supervisor or, if further work is required to develop additional evidence for the rewrite, the certification of the Head of School is required.)

(b) Resubmit - Implying that the thesis will be fully acceptable when certain necessary corrections or modifications are made by the candidate and resubmitted to the examiners;

(c) Fail - Implying that the thesis is not of a suitable standard

(ii) In all cases an examiner should provide, along with the official assessment form, a separate document indicating where corrections or modifications are required and as, appropriate, providing any constructive criticism and comment helpful to the candidate. An examiner will refer to any notably original contributions which the candidate has made and comment on the scope for further research or postgraduate study.

(iii) The Research Students Office will forward the set of examiners assessment forms and the thesis to the Student Affairs Officer who will forward the same on to the Course Coordinator and the relevant centre director.

Examination Outcomes

Pass by all Examiners

The Course Coordinator will forward the set of examiners assessment forms to the Chairperson, Faculty Research Committee, attaching formal recommendation. The Chairperson, Faculty Research Committee makes formal recommendation to the Faculty Academic Board. The Faculty Academic Board will indicate acceptance or otherwise of the recommendation. If a recommendation of type (a) is accepted, the Faculty Academic Board will ask the Course Coordinator to make the examiners requirements available to the candidate while maintaining the anonymity of the examiners. The Faculty Academic Board will sign an official record indicating satisfaction of all thesis requirements when advised by the course coordinator that all required changes have been completed satisfactorily.

Resubmit by all Examiners

The Course Coordinator will forward the set of examiners assessment forms to the Chairperson, Faculty Research Committee, attaching formal recommendation. The Chairperson, Faculty Research Committee makes formal recommendation to the Faculty Academic Board. The Faculty Academic Board will indicate acceptance or otherwise of the recommendation. If a recommendation of type (b) is accepted, the Faculty Academic Board will ask the Course Coordinator to ensure that the candidate is requested to resubmit the thesis with any necessary
corrections or modifications. The revised thesis is forwarded to the examiners for assessment.

Differing recommendations from Examiners
If the examiners cannot reach agreement, the Faculty Academic Board will request the Course Coordinator to appoint a chair of the examination panel (internal examiner, associate supervisor or other person approved by Faculty Academic Board). In conjunction with the examiners, the chair will review the recommendations of the individual examiners and recommend a course of action to the Course Coordinator. If the chair indicates that the examiners after review cannot agree on a recommendation, the Course Coordinator will refer the matter to the Examination Committee of the Faculty Research Committee, which has been established to make recommendations on areas of disputation among examiners. The Faculty Research Committee will then make for recommendation to the Faculty Academic Board. The Board will then (i) recommend the degree not be awarded, or (ii) accept a majority recommendation with or without the advice of a further external examiner.

Fail by all Examiners
The Course Coordinator will forward the set of examiners assessment forms to the Chairperson, Faculty Research Committee, attaching formal recommendation. The Chairperson, Faculty Research Committee makes formal recommendation to the Faculty Academic Board. The Faculty Academic Board will indicate acceptance or otherwise of the recommendation. If a recommendation of type (c) is accepted, the normal implication is that the candidate will be excluded from the course. In exceptional circumstances, the Faculty Research Committee may grant the candidate an opportunity to submit a substantially new thesis after a period of not less than six months.

Examiners may recommend that a candidate who has been examined for the degree of EdD be awarded the degree of Master, provided that the candidate meets or can meet the requirements of the Master’s program.

Re-examination of the Thesis
(a) A candidate who fails to satisfy the Faculty Academic Board (upon recommendation of the Faculty Research Committee) at the first attempt may, on the recommendations of the examiners and with the approval of the Faculty Academic Board, be re-examined not more than once. Application must to the Faculty Academic Board for approval of the re-examination arrangements.

(b) Re-examination shall take place within 12 months from the date on which the candidate is advised in writing of such re-examination. The Faculty Academic Board may, on application by the candidate and supported by the principal supervisor, approve an extension of this period.

(c) The examiners must give the candidate guidance on the deficiencies identified by the first examination.

(d) 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.

(e) The Faculty Academic Board on recommendation from the Faculty Research Committee may require that an additional external examiner be appointed for the re-examination.

(f) Regulations applicable to examinations generally apply to the re-examination.

Admission to Degree
A candidate who:
(i) fulfils the requirements of these rules, and
(ii) whose work is of a standard that satisfies the Faculty Academic Board (after considering the results in all units and/or the reports of all examiners), and
(iii) has otherwise complied with the provisions of all statutes and other applicable rules may be admitted to the degree of Doctor of Education.

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**Master of Education (Research) (ED12)**

**Award title:** Master of Education (Research)

**CRICOS code:** 002501G

**Location:** Kelvin Grove

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

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

**Total credit points:** 96

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

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

**Course coordinator:** Professor Lyn English

**Entry Requirements**

A four-year education-related degree with a grade point average of at least five (on a seven point scale) or equivalent, with demonstrated potential for further study and evidence of professional standing;

OR

a graduate diploma in an education-related field with a grade point average of at least five (on a seven point scale) or equivalent, with a demonstrated potential for further study and evidence of professional standing;

OR

an honours degree in an education-related field with a minimum Honours of IIA or IIB.

Applicants who do not have professional experience in an education-related field would normally be expected to demonstrate their potential for further study with a grade point average of six or better.

Admission depends on matching student interests and background to an appropriate supervisor or a supervisory team with relevant expertise as ascertained through interview. A proposal is developed in this initial phase. Applicants may be required to provide satisfactory formal evidence of proficiency in the English language. Some example of recent academic writing may also be required. If applicants intend to study coursework units as part of their study program they should submit their application well before the next formal semester commences to ensure approval processes are finalised in time.

**Provisional Enrolment**

In special circumstances and with the specific approval of the Dean of Faculty, a person may be admitted to the Master of Education (Research) on a provisional basis. The conditions which must be satisfied to remove the provisional status must be detailed in writing by the course coordinator, endorsed by the Dean and placed on record by the Registrar.

Provisional status will not normally extend beyond one year.

**Course Structure**

The course consists of four stages: preparation, proposal, 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, followed by commencement of a comprehensive literature search. The proposal stage involves the adoption of an appropriate research design for the proposed research, preparation of a comprehensive research proposal including a draft review of the literature, presentation and justification of the proposal to a seminar of other students and academic staff, and the trialing of research procedures. Implementation involves execution of the research for the thesis and completion of the literature review. Submission involves completion and presentation of the thesis for approval by supervisor/s, and production of the thesis in a suitable form for examination.

**Structure**

**Preparation**

Acquisition of knowledge of a range of appropriate research methods and in-depth knowledge of the research method to be
Transfer of Credit

(i) On the recommendation of the course coordinator, the Dean may grant credit for studies passed at an approved institution of higher education, provided that:

(a) the studies are of equivalent standard and value to those offered at the University
(b) the studies are appropriate to the candidate’s work at the University
(c) the studies have not counted towards a previous qualification
(d) the studies are not included in those that have been designated as qualifying studies for the course.

(ii) There shall be no maximum credit granted for units previously completed at this institution prior to enrolment in the Master of Education (Research) award.

(iii) The maximum credit granted for studies passed elsewhere shall be the equivalent to one semester of full-time study.

(iv) Credit may be granted for units passed elsewhere after enrolment in the Master of Education (Research) award, provided that the candidate has previously obtained the permission of the Dean to enrol in these units.

(v) Where credit is granted the Dean may reduce proportionately the candidate’s period of enrolment.

(vi) A candidate who is re-enrolling following withdrawal or termination of candidature may be granted credit for previously successful studies by the Dean upon the recommendation of the course coordinator.

Supervision

(i) Normally, the Principal Supervisor will be a member of the Faculty of Education.

(ii) The University’s rules for PhD supervisors are supported in regard to principal and associate supervisors.

(iii) For masters students, a maximum of two supervisors should constitute the supervisory team.

(iv) Procedures for selection of supervisors may be obtained from Heads of School, Directors of Research Centres and Concentrations.

(v) It is generally expected that the student will discuss the prospect of supervision with Heads of School or Directors of Research Centres and with the course coordinator.

(vi) The course coordinator, after agreement with the relevant Head of School (s) recommends that names of supervisors for specific students to the Faculty Research Committee which in turn recommends supervisors to the Faculty Academic Board.

(vii) The names of supported supervisors of students in research degrees will be transmitted for University approval to the Research Degrees Committee.

Progression and Unsatisfactory Progress

Progression

In each semester of the candidature, six-monthly progress reports are required from the Principal Supervisor to be reviewed by the course coordinator and then forwarded to the Research Degrees Committee. Satisfactory progress for provisional candidates will consist of passing qualifying requirements or course units at the appropriate levels. For students enrolled in research studies, satisfactory progress will be judged by the submission of a report to the course coordinator. Progress reports will be submitted at the designated intervals, normally at least twice each year.

 Unsatisfactory progress

When progress is deemed unsatisfactory by the course coordinator or supervisor, the course coordinator will write to the candidate to request an indication of what action has been or will be taken to ensure progress is satisfactory for the next report. When two consecutive reports indicate unsatisfactory progress, the Dean may require the candidate to show cause against exclusion. A student excluded under these rules has right of appeal to the Academic Appeals Committee.

(i) With respect to coursework studies, candidates who have failed two or more units or who have otherwise progressed unsatisfactorily may be excluded from the course.

(ii) With respect to the thesis project, progress which is considered clearly unsatisfactory by both the supervisor and the coordinator may lead to recommendation by them to the Faculty Research Committee that the candidate be excluded from the course.
(iii) Before the Faculty Research Committee recommends exclusion, the student will apply to the Faculty Research Committee which will consider the application and make recommendation to the Faculty Academic Board.

**Examination of the Thesis**

**Submission of Thesis**

(i) A candidate should submit a minimum of three copies to the Faculty Office. Receipt of the thesis by the Faculty Office, on behalf of the Faculty Academic Board shall constitute submission of the candidate’s thesis for examination. These should be temporarily bound in order to facilitate the making of any revisions and editorial changes required by examiners (if the thesis is otherwise acceptable to them) before final printing and binding.

(ii) The thesis should be accompanied by a signed declaration that:

(a) the candidate has complied with the ethics of experimentation as set out in the publication QUT Guide to Thesis Presentation

(b) the thesis is the candidate’s own work and that all other sources are correctly acknowledged

(c) the thesis has not been submitted to another institution.

(iii) the thesis must contain a joint declaration signed by both the student and their supervisor stating that the thesis is ready for examination.

**Examination of the Thesis**

(i) Each thesis will be examined by at least two examiners, one of whom may be external to the University, appointed by the Faculty Academic Board upon recommendation of the Faculty Research Committee upon the recommendation of the Course Coordinator in consultation with the Principal Supervisor. At least one of the examiners appointed may be external to the University.

(ii) An oral defence of a thesis may be made a component of the overall thesis examination procedure by the Faculty Academic Board upon the recommendation of the Faculty Research Committee. Should this be the case, the course coordinator will normally act as Chairperson of the group of examiners for the oral examination. At such an examination, the attendance of observers other than the Dean and the relevant Head of School is subject to the express approval of the Faculty Research Committee.

(iii) Examiners must receive copies of the thesis in reasonable time to permit its thorough consideration and appraisal before the date by which assessments are required or before any oral examination. Whether or not there is an oral examination, each examiner is required to submit a written assessment of the thesis within eight weeks of its receipt.

(iv) These assessments will be presented on official forms available from the faculty office and will deal with the general standard and quality of the work and not with specific detail. They will be submitted to the course coordinator by the specified date and, if there is to be an oral examination, before this examination. Each assessment is individual and confidential and should not be made available to other examiners. Each examiner should make one of the following recommendations:

(a) Pass - implying that the thesis will be fully satisfactory except possibly for editorial changes

(b) Resubmit - implying that the thesis will be fully acceptable when certain necessary corrections or modifications are made by the candidate and resubmitted to the examiners.

(c) Fail - implying that the thesis is not of an acceptable standard.

(v) In the case of (a) and (b) above, an examiner should provide, along with the official assessment form, a separate document indicating where corrections or modifications are required and, as appropriate, providing any constructive criticism and comment helpful to the candidate. An examiner will refer to any notably original contributions which the candidate has made and may comment on the scope for further research or postgraduate study. Such additional documents should be retained temporarily by the course coordinator.

(vi) The course coordinator will forward the set of examiner’s assessment forms to the Chairperson, Faculty Research Committee, attaching a formal recommendation. The Faculty Research Committee makes formal recommendation to the Faculty Academic Board. The Faculty Academic Board will indicate acceptance or otherwise of the recommendation.

(vii) If a recommendation of type (a) is accepted, the Faculty Academic Board will ask the Course Coordinator to make the examiners requirements available to the candidate while maintaining the anonymity of the examiners. The course coordinator will sign an official record indicating satisfaction of all thesis requirements that all required changes have been completed satisfactorily.

(viii) If a recommendation of type (b) is accepted, the Faculty Academic Board will ask the course coordinator to ensure that the candidate is requested to resubmit the thesis with any necessary corrections or modifications. The revised thesis is forwarded to the examiners for assessment.

(ix) If a recommendation of type (c) is accepted, the normal implication is that the candidate will be excluded from the course. However, in exceptional circumstances the Faculty Research Committee may grant the candidate an opportunity to submit a substantially new thesis after a period of not less than six months.

(x) In the event of disagreement between the examiners, the Chairperson, Faculty Research Committee, will refer the matter to the Examination Sub-Committee of the Faculty Research Committee which makes recommendations on areas of disputation between examiners. This person would be appointed after consultation between supervisors and the course coordinator. The Faculty Research Committee will then make recommendation to the Faculty Academic Board. The Faculty Board may then (i) not recommend award of the degree, or (ii) accept a majority recommendation with or without the advice of a further external examiner.

(xi) 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.

(xii) After the examination process is complete, examiners’ reports will be released on request providing each examiner has indicated willingness to have his or her identity revealed to the candidate.

### Master of Education (ED13)

**Award title:** Master of Education (Study Area A)  
**CRICOS code:** 002330K  
**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:** Dr Jillian Brannock

### Entry Requirements

An appropriate four-year bachelor degree or equivalent at a standard acceptable to the Dean of Faculty; OR

hold an appropriate three year bachelor degree or equivalent at a standard acceptable to the Dean plus at least one year’s appropriate professional or industrial experience.

All applicants must have a good command of the English language.
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 areas of interest. These are: Adult and Workplace Education, Behaviour Management, Career Guidance, Early Childhood Education, Higher Education, 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, Science Education and Technology Education.

Teaching/Learning Arrangements
Most of the units in the course are available in Open Learning Mode. This means that in these units a mixture of different media is available to assist students, including printed materials, computer communication strategies (eg electronic mail, electronic library services, internet), teleconferences and face-to-face classes for those able to attend the campus. Most of the semester classes are held during the evening but some units are offered during the day in summer/winter schools (attendance in January or June over a number of days normally 9am-4pm). Some areas are only offered through the Summer/Winter Block mode (eg School Guidance and Counselling, Career Guidance).

Compulsory Component
Students are required to obtain a total of 96 credit points from studies in coursework units and/or from research studies.

Course core unit: EDN611 Understanding Educational Research and either:

Option 1
For those students who want their parchment annotated with their chosen area of interest.

- 48 credit points from chosen area of interest, including the foundation unit for that area of interest, plus three units from anywhere within the course

or

Option 2
For those students who choose not to have their parchment annotated with their chosen area of interest

- Seven units from anywhere within the course.

Students undertaking the Dissertation are required to undertake EDN612 Conducting Education Research as a core unit.

Students undertaking Research units (EDN603, EDN608 or EDN620) may elect to allocate them to their chosen area of interest provided the research relates to that area of interest.

Study Options
Students who have already completed one Master of Education course within the Faculty of Education at QUT and who wish to enrol in and take out another Master of Education in a different area of interest should consult the course coordinator.

Supervision
Supervision in the Master of Education course consists of two components:

(i) the supervision of individual coursework units; and

(ii) the supervision of a dissertation/project.

Supervision of Individualised Units
Certain coursework units in particular areas of interest involve individual candidates working with supervising lecturers on a one-to-one basis. Here, candidates negotiate with their lecturers to engage in integrated professional experiences that are closely linked to the candidates current professional needs. This interaction consists of a dialogue between candidate and lecturer to design an appropriate course of study for the particular units.

Subsequently, they submit this plan of study to the area of interest coordinator for approval.

Supervision of a Dissertation/Project
A dissertation must be submitted to conform with format, style and other guidelines as set out in the publication Guide to Dissertation Presentation which is available from the Faculty of Education Office.

(a) For each candidate undertaking a dissertation/project a supervisor must be appointed. An appropriate supervisor or supervisory team should be identified early in the program when the dissertation/project topic is chosen. An appointment will be made by the Faculty Academic Board on the advice of the relevant Head of School and the course coordinator.

(b) Candidates should meet regularly with their supervisor to discuss progress, submit drafts or progress reports or present seminars where appropriate at least each semester, and seek guidance as necessary.

(c) Supervisors should be readily available to consult with candidates, should provide scholarly support and constructive criticism, and should assist as appropriate with access to facilities and relevant external agencies.

Progression and Unsatisfactory Progress

Progress
In each year of candidature the academic progress of each candidate shall be reviewed by the course coordinator. For candidates enrolled in the coursework degree, it will mean the successful completion of the relevant coursework units. Progress reports will be submitted at designated intervals, normally at least twice each year, to the Master of Education Course Coordinator Committee.

Unsatisfactory Progress
(i) With respect to coursework studies, candidates who have failed two or more units will be placed on probationary enrolment.

(ii) With respect to the dissertation/project, progress which is considered clearly unsatisfactory by both the supervisor and the area of interest coordinator may lead to a recommendation by them to Faculty Research Committee that the candidate be excluded from the course.

(iii) Before the Faculty Research Committee recommends exclusion, the student will apply to the Faculty Research Committee which will consider that application and make recommendation to the Faculty Academic Board.

Examination of the Dissertation/Project

Dissertation Submission
(i) After examiners have been nominated and approved, the candidate will submit to the student affairs officer three copies of the dissertation bound in a temporary form for distribution to the approved examiners. Receipt of the dissertation by the student affairs officer, on behalf of Faculty Academic Board, shall constitute submission of the candidate’s dissertation for examination.

(ii) The dissertation should be accompanied by a signed declaration which states that:

(a) the candidate has complied with the ethics of experimentation;

(b) the dissertation is the candidate’s own work and that all other sources are correctly acknowledged;

(c) the dissertation has not been submitted to another institution

(iii) The dissertation must contain a joint declaration signed by both the student and the supervisor stating that the dissertation is ready for examination.
Appointment of Examiners
At least one month prior to submission of the dissertation, the supervisor, in conjunction with the Head of School, should nominate in writing to the course coordinator at least two examiners who are prepared to examine the dissertation at the time required. It is the responsibility of the supervisor to ascertain the availability and willingness of these examiners to comply with the University requirements. At least one of the examiners appointed will be external to the University, except in the case of the 24 credit point project where the examining committee consists of two examiners, approved by the Master of Education Course Coordination Committee, not including the supervisor and one of whom may be external to the University, if this is seen to be of benefit to the students. The Examination Committee consisting of at least two examiners (one of whom may be external to the University) will be appointed by the Faculty Academic Board upon recommendation from the Faculty Research Committee upon recommendation from the relevant course coordinator who will have consulted the principal supervisor.

Examination Process
(i) Examiners must receive copies of the dissertation in reasonable time to permit its thorough consideration and appraisal before the date by which assessments are required. Each examiner is required to submit a written assessment of the dissertation within eight weeks of its receipt.
(ii) With regard to 24 credit point projects of non-English speaking backgrounds (NESB) students only, examiners may apply the Faculty NESB policy (refer to Faculty Manual of Policies and Procedures Document) when examining a project. If an examiner does apply the Faculty NESB policy, then reference to this must be made in the examiner’s report.
(iii) These written assessments will be presented on official forms forwarded with the dissertation. These forms are available from the Faculty of Education Office and will deal with the general standard and quality of the work and not with specific detail. Examiners are expected to return their assessment within 8 weeks to the Faculty of Education Office. Each assessment is individual and confidential and should not be made available to other examiners. Each examiner should make one the following recommendations:
   (a) Pass:
      • Implying that the dissertation be accepted without modification and the degree be awarded.
      • Implying that the dissertation will be fully satisfactory except for minor changes as indicated by the examiner.
      • Implying that the dissertation be accepted subject to major revisions according to the examiners’ recommendations. These changes must be made to the satisfaction of the principal supervisor or the Head of School.
      Note: a criteria sheet must also be completed and a grade of 1-7 indicated.
   (b) Resubmit: Implying that the dissertation will be fully acceptable when certain necessary corrections or modifications are made by the candidate and resubmitted to the examiners. In this case, the highest grade which can be awarded once resubmitted is a grade of 4.
   (c) Fail: Implying that the dissertation is not of an acceptable standard.
   (iv) Minor changes would include, for editorial corrections, bibliographical details and incidental changes required to text. Major changes would include, for example, rewriting a section or the incorporation of further evidence and data.
   (v) In the case of all of the above, an examiner should provide, along with the official assessment form, a separate document indicating where corrections or modifications are required and, as appropriate, providing any constructive criticism and comment helpful to the candidate. An examiner will refer to any notably original contributions which the candidate has made and comment on the scope for further research or postgraduate study. A criteria sheet must also be completed.
   (vi) The Student Affairs Officer will forward the set of examiners’ assessment forms and dissertation to the Course Coordinator for endorsement.
Pass by all Examiners
In the case of (a) above the Course Coordinator will determine the examination outcome and will advise the Student Affairs Officer. In cases where examiners’ grades differ, a committee consisting of the Course Coordinator, and one other person nominated by the Course Coordination Committee will arbitrate and decide on the final grade. The Student Affairs Officer will make the examiners requirements available to the candidate and supervisor while maintaining the anonymity of the examiners. When the student has made the required corrections, submitted three bound copies and the supervisor has certified that corrections have been satisfactorily made, the Faculty Academic Board will sign an official record indicating satisfaction of all dissertation requirements and a final result can be awarded.
Resubmit by all Examiners
The Course Coordinator will forward the set of examiners assessment forms to the Chairperson, Faculty Research Committee, attaching formal recommendation. The Chairperson, Faculty Research Committee makes formal recommendation to the Faculty Academic Board. The Faculty Academic Board will indicate acceptance or otherwise of the recommendation. If a recommendation of type (b) is accepted, the Faculty Academic Board will ask the Course Coordinator to ensure that the candidate is requested to resubmit the dissertation with any necessary corrections or modifications. The revised dissertation is forwarded to the examiners for reassessment. In this case the maximum grade that can be awarded if passed on resubmission is a grade of 4.
Differing recommendations from Examiners (eg Pass & Resubmit)
The Course Coordinator will forward the set of examiners assessment forms to the Chairperson, Faculty Research Committee, attaching formal recommendation based on the examiners reports. The Chairperson, FRC will refer the matter to the Examination Sub-Committee of the Faculty Research Committee which has been established to make recommendations on areas of dispute between examiners. The Chairperson, Faculty Research Committee will then make formal recommendation to the Faculty Academic Board. The Faculty Academic Board may confer and seek further advice from the Faculty Research Committee before making a ruling. The Faculty Academic Board may then (i) not award the degree, or (ii) accept a majority recommendation with or without the advice of a further external examiner.
Fail by all Examiners
The Course Coordinator will forward the set of examiners assessment forms to the Chairperson, Faculty Research Committee, attaching formal recommendation. The Chairperson, Faculty Research Committee makes formal recommendation to the Faculty Academic Board. The Faculty Academic Board will indicate acceptance or otherwise of the recommendation. If a recommendation of type (c) is accepted, the normal implication is that the candidate will be excluded from the course. In exceptional circumstances, the Faculty Research Committee may grant the candidate an opportunity to submit a substantially new dissertation after a period of not less than six months.
Course Structure Option 1 - Area of Interest

Course Structure

A candidate who is admitted to the degree of Master of Education may be admitted to the degree of Master of Education.

(a) A candidate who fulfils the requirements of the Faculty Academic Board (upon recommendation of the Faculty Research Committee) at the first attempt may, on the recommendations of the examiners and with the approval of the Faculty Academic Board, be re-examined not more than once. Application must be made to the Faculty Academic Board for approval of the re-examination arrangements.

(b) Re-examination shall take place within 12 months from the date on which the candidate is advised in writing of such re-examination. The Faculty Academic Board may, on application by the candidate and supported by the supervisor, approve an extension of this period.

(c) The examiners must give the candidate guidance on the deficiencies identified by the first examination.

(d) If a candidate is required to revise and resubmit a dissertation, the examiners' reports will be made available to the candidate, the anonymity of the examiners being maintained.

(e) The Faculty Academic Board on recommendation from the Faculty Research Committee may require that an additional external examiner be appointed for the re-examination.

(f) Regulations applicable to examinations generally apply to the re-examination.

Availability of Examiners Reports

After the examination process is complete, the names of examiners may be released on request providing the examiner has indicated willingness to have his/her identity revealed to the candidate. Examiners will also be provided with a copy of the other examiner's report for their own information.

Admission to the Degree of Master of Education

Prior to admission to the award, a candidate must have at least three of the completed documents bound. Of these, one copy of the completed document must be submitted for inclusion in the University Library collection as follows:

- dissertation or project associated with a coursework specialisation where this constitutes at least 25% of the credit point total for the course.
- The Supervisor has the authority to decide whether a project should be housed in the University library collection or the Centre that the student is attached to.
- Of the other two copies of the completed document, one is held in the Faculty Office and the other is presented to the principal supervisor.

A candidate who:

(a) fulfils the requirements of these rules; and

(b) whose work is of a standard that satisfies the Faculty Academic Board (after considering the results in all subjects and/or the reports of all examiners); and

(c) has otherwise complied with the provisions of all statutes and other applicable rules;

may be admitted to the degree of Master of Education.

Course Structure Option 2 - no Area of Interest

Course Core Unit:

EDN611 Understanding Educational Research

Select seven units (84 credit points) from anywhere within the course.

Faculty Units - Individually Supervised Units

Research units

- EDN612 Conducting Educational Research
- 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:

- CLN611 Adult and Workplace Literacy and Numeracy
- SPN622 Legal Risk Management and Workplace Education
- SPN623 Strategic Workplace Education
- SPN624 Foundations of Adult Learning and Development

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
- EAN609 Including Children Who Have Disabilities in Early Childhood Programs

Higher Education

Foundation unit:

- EAN626 Learning and Teaching in Higher Education

Other units:

- EAN627 Contexts and Issues in Higher Education
- EAN628 Postgraduate Research Supervision
- EAN629 Presentation and Delivery Modes in Higher Education
- EAN630 Higher Education: Curriculum Design, Assessment and Evaluation
  - This area is only suitable for people currently working in a higher education institution

Language and Literacy Education

Foundation unit:

- CLN609 Language, Literacies and Learning

Other units:

- CLN611 Adult and Workplace Literacy and Numeracy
- CLN623 Investigating Language and Literacy Teaching and Learning
- CLN624 Literacy/ESL Programming and Assessment
- CLN625 New Literacies and Technologies

Leadership and Management

Foundation unit:

- SPN625 Changing Agendas in Leadership

Other units:
**EDUCATION**

**SPN626** Leading and Managing People  
**SPN627** Policy Development and Analysis  
**SPN628** Leadership for Change  
**SPN629** Current Issues in Leadership

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**Leading Learning and Teaching in the Middle Years**  
Foundation unit  
**SPN633** Critical Frameworks for Analysing the Middle Years of Schooling  
Other units:  
**SPN630** Learning, Teaching and Supervision  
**SPN631** Learning Change in Contemporary Professional Practice  
**SPN632** 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

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**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

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**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

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**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  
**PUN620** Concepts of Environmental Health

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**School Guidance and Counselling**  
Foundation unit:  
**SPN610** Advanced Educational Counselling  
Other units:  
**SPN611** Educational Counselling Professional Practice  
**SPN612** Psychodiagnostics Assessment  
**SPN618** Career Development Programs

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Students who have not done any counselling studies in their undergraduate degree must complete the SPB006 Educational Counselling prior to enrolling in SPN610 Advanced Educational Counselling.

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**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

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**Technology Education**  
Foundation unit:  
**MDN633** Curriculum Studies in Technology Education  
Other units:  
**MDN619** Technologically Supported Teaching and Learning Environments  
**MDN623** Communications Technology in Education  
**MDN633** Curriculum Studies in Technology Education  
**SPN632** Flexible Delivery: Pedagogical Issues and Imperatives  
Students without a firm background in Technology Education should study MDN633 first. Students who are unsure of their level of expertise in Technology Education should contact the Area of Interest Coordinator, however the completion of the Graduate Diploma in Education (Computer Education) or recent experience should be sufficient. The units MDN623 and MDN619 require good Internet access. The unit MD633 is a prerequisite for MDN623.

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**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:** Associate Professor Penny McKay

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**Entry requirements**  
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 years practical experience in some branch of education acceptable to the Dean.  
Applicants who are non-native speakers of English must meet the university English language proficiency entry requirements.

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**Graduate Certificate in Education (TESOL) - 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).

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**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.

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**Guidelines for a Project**  
See the course entry for the Master of Education (ED13).

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**Progression and Unsatisfactory Progress**  
See the course entry for the Master of Education (ED13).

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**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  
**Third semester of study**  
Elective unit  
Elective unit

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**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 in 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:
EDN603 Independent Study
EDN608 Project
Note, students enrol in EDN608/1 and EDN608/2
EDN620 Dissertation
Note, students enrol in EDN620/1, EDN620/2 and EDN620/3

■ Master of Teaching (Primary) (ED18)
Award title: Master of Teaching
CRICOS code: 031573F
Location: Kelvin Grove
Course duration (full-time): 2 years
Total credit points: 192
Course coordinator: Dr Ian Macpherson

General Entry Requirements
To be eligible for consideration, applicants:
(i) must have a completed undergraduate discipline degree in a discipline other than Education (or equivalent) from a recognised tertiary institution;
(ii) must submit an application support statement with their course application, detailing relevant experience and reasons for application to the course; and
(iii) may be required to attend an interview.
Entry will be determined by evaluating the grade point average in the undergraduate degree.

Course Structure
Semester 1
SPN600 Learners and Teachers in Context
EDN621 Professional Practice 1: Learners and Teachers in Context
SPN601 Teaching Studies
Semester 2
SPN604 Issues in Current Professional Practice
EDN622 Professional Practice 2: Classroom Management and Introduction to Professional Practice
CLN626 Primary Language and Literacy Curriculum
MDN634 Primary Mathematics, Science and Technology Curriculum
Semester 3
SPN605 Change, Evaluation and Accountability in Educational Contexts
EDN623 Professional Practice 3: Change, Difference and Inclusivity
SPN603 Interdisciplinary Primary Curriculum Studies
CLB413 Programming and Assessment in Language and Mathematics
Semester 4
SPN602 Professional Teaching, Case and Project Implementation
EDN624 Professional Practice 4: Curriculum Decision Making and Curriculum Leadership
EDN625 Professional Internship and Mini Conference

■ Master of Teaching (Secondary) (ED19)
Award title: Master of Teaching
CRICOS code: 031573F
Location: Kelvin Grove
Course duration (full-time): 2 year
Total credit points: 192
Course coordinator: Dr Ian Macpherson

General Entry Requirements
To be eligible for consideration, applicants:
(i) must have a completed undergraduate discipline degree in a discipline other than Education (or equivalent) from a recognised tertiary institution;
(ii) must submit an application support statement with their course application, detailing relevant experience and reasons for application to the course; and
(iii) may be required to attend an interview.
Entry will be determined by evaluating the grade point average in the undergraduate degree.

Additional Entry Requirements - Secondary
Students must have completed at least one third of their undergraduate degree in their first teaching area and one sixth in their second teaching area. Selection may also be based on the relevance of previous studies to the teaching profession and relevance of any personal and professional experience.

Students select two areas of specialisation within Curriculum Studies. The specialisation through which entry to the course is sought is designated the first teaching area; the other specialisation is designated the second teaching area. For some teaching areas, interview, audition or presentation of folio may be required (e.g. LOTE, Primary LOTE, Drama, Dance Music, Visual Arts).

Course Structure
Semester 1
SPN600 Learners and Teachers in Context
EDN621 Professional Practice 1: Learners and Teachers in Context
SPN601 Teaching Studies
Semester 2
SPN604 Issues in Current Professional Practice
EDN622 Professional Practice 2: Classroom Management and Introduction to Professional Practice
Secondary Curriculum Unit 1 (List 1)
Secondary Curriculum Unit 1 (List 1)
Semester 3
SPN605 Change, Evaluation and Accountability in Educational Contexts
EDN623 Professional Practice 3: Change, Difference and Inclusivity
Secondary Curriculum Unit 2 (List 2)
Secondary Curriculum Unit 2 (List 2)
Semester 4
SPN602 Professional Teaching, Case and Project Implementation
EDN624 Professional Practice 4: Curriculum Decision Making and Curriculum Leadership
EDN625 Professional Internship and Mini Conference

ED19/55 Curriculum Studies 1
List 1: Curriculum Studies 1
CLB355 Accounting/business Management Curriculum Studies 1
KV4812 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
and software. Internet access may be required for some units.

that you have suitable and sufficient access to computer hardware
components, therefore you are required to satisfy the coordinator
work, programming or graphics. The course contains practical
combination: word processing, use of spreadsheets, database
include, at varying levels of proficiency, either individually or in

It is suggested that applicants with little knowledge of computing
professional requirements.

of the modes of offering listed below to accommodate their
Entry requirements
An appropriate bachelor degree, Diploma of Teaching or
equivalent; at least one years experience in an educational setting;
AND suitable computing experience. This experience might
include, at varying levels of proficiency, either individually or in
combination: word processing, use of spreadsheets, database
work, programming or graphics. The course contains practical
components, therefore you are required to satisfy the coordinator
that you have suitable and sufficient access to computer hardware
and software. Internet access may be required for some units.

Course Structure
To meet course requirements, students must complete four core
units and four elective units. Students may elect to undertake one
of the modes of offering listed below to accommodate their
professional requirements.

It is suggested that applicants with little knowledge of computing
do the elective unit MDP530 Computer Applications in
Education in their first semester. Normally MDP530 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 MDP530 with the explicit approval of the course
coordinator.

Note: Four units must be completed at a grade of 4 or above
before MDP506 can be undertaken.

Course Structure
Secondary Computer Studies
Semester 1
MDP532 Computer Systems in an Educational Context
MDP537 Major Issues in Computer Education
Semester 2
MDP503 Information Systems in Education
MDP535 Educational Software Development
Semester 3
MDP533 Teaching Information Systems Modelling
MDP507 Teaching Secondary Computer Studies
Semester 4
MDP506 Computer Education Project
MDP534 Educational Applications of Artificial Intelligence

Secondary General
Semester 1
MDP530 Computer Applications in Education
MDP537 Major Issues in Computer Education
Semester 2
MDP503 Information Systems in Education
MDP531 Investigations Into Computer-Aided Learning
Semester 3
MDP532 Computer Systems in an Educational Context
MDP536 Computer Graphics in Teaching
Semester 4
MDP506 Computer Education Project
MDP504 School Administration Using Information Technology
MDP538 Computers in the Secondary Curriculum

Primary
Semester 1
MDP530 Computer Applications in Education
MDP537 Major Issues in Computer Education
Semester 2
MDP503 Information Systems in Education
MDP508 Computer Use in the Primary Curriculum
Semester 3
MDP532 Computer Systems in an Educational Context
MDP536 Computer Graphics in Teaching
Semester 4
MDP506 Computer Education Project
MDP504 School Administration Using Information Technology
MDP531 Investigations Into Computer-Aided Learning

TAFE
Semester 1
MDP532 Computer Systems in an Educational Context
MDP530 Computer Applications in Education
Semester 2
MDP503 Information Systems in Education
MDP535 Educational Software Development
Semester 3
MDP537 Major Issues in Computer Education
MDP536 Computer Graphics in Teaching
MDP533 Teaching Information Systems Modelling
Semester 4
MDP506 Computer Education Project
MDP531 Investigations Into Computer-Aided Learning
Graduate Diploma in Education (Early Childhood) (ED20)

Award title: Graduate Diploma in Education (Early Childhood)
CRICOS code: 011197B
Location: Kelvin Grove and External
Course duration (external): 2 years
Total credit points: 96
Course coordinator: Dr Ann Farrell

Entry requirements
An appropriate degree, diploma or equivalent; and current teacher registration (where applicable*); AND at least one years teaching experience.
* Registration is not mandatory in some Australian States or overseas countries.

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. Students employed as teachers need to complete these practice periods during school holidays in a specially organised setting. 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 this practicum during school holidays.

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

Year 2, Semester 1
EAP536 Curriculum in Early Childhood 3
One elective unit

Semester 1 Elective Units**
EAP538 Research in Early Childhood
EAP337 Contexts of Early Childhood Education
EAB413 Management of Early Childhood Services

Year 2, Semester 2
EDP309 Practicum in Early Childhood 2
Two elective units

Semester 2 Elective Units**
EAB444 Inclusive Practices in Early Childhood
EAB410 Early Education: Deciding the Curriculum
EAP539 Transactions in Early Childhood Education
EAB440 Working With Parents and Community

*Practicum units may be undertaken in either Semester 2 or the Summer Program
**Students will complete a total of three elective units

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 Suzanne Carrington

Entry requirements
An appropriate degree, diploma of teaching or equivalent. Applicants also need to provide contact details of two professional referees.

Course Structure

Semester 1
SPP500 Learners With Special Needs
SPP504 Curriculum: Learners With Special Needs
SPP506 Programming for Students With Learning Difficulties/disabilities

Semester 2
CLP501 Socio-Cultural Issues in Education
LEP536 Literacy and Learning
MDP529 Diagnostic Assessment and Remedial Intervention in Mathematics

Elective Units

List A: Educational Management Elective Units
EAB440 Working With Parents and Community
EAP539 Transactions in Early Childhood Education
EDB440 Independent Study
SPB009 Research Methods in Education
SPB021 Educators and the Law

List B: Business Elective Units (only one may be selected)
MGB218 Venture Skills
MGB223 Creating New Enterprises
MGN410 Labour-Management Relations
MGN412 People in Organisations
BSB116 Marketing and International Business

List C
One unit may be chosen from across the University subject to Course Coordinator approval.

Graduate Diploma in Education (Educational Management) (ED23)

Award title: Graduate Diploma in Education (Educational Management)
Location: Kelvin Grove and External
Course duration (external): 2 years
Total credit points: 96
Course coordinator: Dr Neil Cranston

Entry requirements
An appropriate qualification in teaching or other relevant qualifications at diploma, degree or graduate diploma level from a tertiary institution; and at least one years experience in an educational setting.
Graduate Diploma in Education (Teacher Librarianship) (ED25)
Award title: Graduate Diploma in Education (Teacher Librarianship)
CRICOS code: 011197B
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: Dr Kerry Mallan

Entry requirements
An appropriate degree, diploma of teaching or equivalent. A minimum of one year of teaching experience is desirable. Students will need access to electronic resources and computers including Internet access.

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 students must complete 60 credit points of core units and 36 credit points of electives. The table below 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.

Course Structure
Core Units
CLP527 Learning in the Information Age
CLP528 Resources for Learning
CLP529 Communication Within an Information Environment
CLP530 Accessing Information Sources
CLP531 Field Program

Electives
CLP507 Australian Literature for Young People
CLP509 Directed Study
CLP515 Resource Services for Special Needs
CLP518 Visual Literacy and Resource Design
CLP532 Bibliographic Organisation
CLP534 Contemporary Publishing: Trends and Practices
Some units may be offered in Summer Program.

Graduate Certificate in Education (ED61)
Award title: Graduate Certificate in Education (Study Area A)
CRICOS code: 014019G
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

Entry requirements
As for the postgraduate course from which the four units that make up the Graduate Certificate are taken.

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 standard, modularised and block form. Not all forms of delivery will be appropriate for all units. Standard form is normal part-time mode; the modularised form allows you to complete the assessment on a credit point basis; the block form allows you to attend one or two blocks of intensive study. Some areas of interest can be completed in external mode. The areas of interest are: Adult and Workplace Education, Behaviour Management, Career Guidance, Educational Counselling, Higher Education, Information Technology Education, Leadership and Management, Learning Leadership, Literacy and Numeracy, Marine Studies (Advanced), Mathematics Education (Advanced), Science Education, School Based Management - Master of Education entry requirements; Adult and Organisational Learning, Marine Studies, Mathematics Education, Teaching English as a Foreign Language - Young Children (International students only) - Bachelor of Education (Inservice) entry requirements; Computers in the Classroom - [Graduate Diploma in Education (Computer Education) entry requirements]; Information Literacy - [Graduate Diploma in Education (Teacher-Librarianship) entry requirements; Learning Support - [Graduate Diploma in Education (Learning Support) entry requirements].

Course Structure
Adult and Organisational Learning
Entry requirements: As for the Bachelor of Education (Inservice) (ED26)
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 Educators

Adult and Workplace Education
Entry requirements: As for the Master of Education (ED13)
EDN603 Independent Study
SPB026 Adult Education in the Workplace and Community
SPN623 Strategic Workplace Education
SPN624 Foundations of Adult Learning and Development

Autistic Spectrum Disorder
Entry requirements: As for the Master of Education (ED13)
Module 1: Introduction to Autism Spectrum Disorder
Module 2: Behaviour Management for Autism Spectrum Disorder
EDN603 Independent Study
SPN615 Educational Intervention for Challenging Behaviour in the Classroom
SPN616 Behaviour Management: Programs and Planning
SPN617 Issues in Classroom Management

Career Guidance
Entry requirements: As for the Master of Education (ED13)
CLN632 Youth Focussed Behaviour Management and Schools
SPN615 Educational Intervention for Challenging Behaviour in the Classroom
SPN616 Behaviour Management: Programs and Planning
SPN620 Career Counselling
Students will complete either SPB006 or SPN610 depending on previous studies.

Computers in the Classroom
Entry requirements: As for the GradDipEd (Computer Education) (ED21)
MDP506 Computer Education Project
MDP508 Computer Use in the Primary Curriculum
MDP530 Computer Applications in Education
MDP531 Investigations Into Computer-Aided Learning
MDP536 Computer Graphics in Teaching
MDP537 Major Issues in Computer Education
MDP538 Computers in the Secondary Curriculum
MDP530 and MDP357 are core units.

Educational Counselling
Entry requirements: As for the Master of Education (ED13)
SPB006 Educational Counselling
SPN610 Advanced Educational Counselling
SPN618 Career Development Programs
SPN619 Career Theory
SPN620 Career Counselling

Higher Education
Entry requirements: As for the Master of Education (ED13)
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
Entry requirements: As for the Grad Dip Ed (Teacher-Librarianship) (ED25)
CLPS27 Learning in the Information Age
CLPS28 Resources for Learning
CLPS29 Communication Within an Information Environment
CLPS30 Accessing Information Sources

Information Technology Education
Entry requirements: As for the Master of Education (ED13)
MDN619 Technologically Supported Teaching and Learning Environments
MDN623 Communications Technology in Education
MDN632 Databases in Educational Context
MDN633 Curriculum Studies in Technology Education
SPN632 Flexible Delivery: Pedagogical Issues and Imperatives

Leadership and Management
Entry requirements: As for the Master of Education (ED13)
SPN625 Changing Agendas in Leadership
SPN626 Leading and Managing People
SPN627 Policy Development and Analysis
SPN629 Current Issues in Leadership
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
Entry requirements: As for the Master of Education (ED13)
Students should consult the Course Coordinator for details of units available.

Learning Support
Entry requirements: As for the Grad Dip Ed (Learning Support) (ED28)
SPP500 Learners With Special Needs
SPP501 Consultation and Communication
SPP502 Programming for Students With Learning Difficulties/disabilities
CLPS01 Socio-Cultural Issues in Education

Literacy and Numeracy
Entry requirements: As for the Master of Education (ED13)
CLN611 Adult and Workplace Literacy and Numeracy
CLN623 Investigating Language and Literacy Teaching and Learning
CLN624 Literacy/ESL Programming and Assessment
MDN624 Contemporary Mathematics Curriculum: Context and Challenge
MDN625 Student Assessment in Mathematics
MDN627 Contemporary Mathematica Curriculum: Context and Challenge
MDN628 Pedagogy in Mathematics Education
MDN629 Development of Students’ Mathematical Reasoning Skills
MDN630 Learning and Teaching in Contemporary Science Classrooms
MDN636 Understanding Concepts in Mathematics and Science
EDN603 Independent Study

Science Education
Entry requirements: As for the Master of Education (ED13)
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: Associate Professor Penny McKay

Entry Requirements
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 years practical experience in some branch of education acceptable to the Dean.
Applicants who are non-native speakers of English must meet the university English language proficiency entry requirements.

Full-time Course Structure
First semester of study
Students enrol in two core units:
CLN608 Second Language Acquisition
CLN612 Principles of Second Language Methodology
and choose two electives from the Elective unit list.
Elective unit
Elective unit

Part-time Course Structure
First semester of study
Students enrol in the two core units:
CLN608 Second Language Acquisition
CLN612 Principles of Second Language Methodology
Second semester of study
and choose two electives from the Elective unit list.
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 in 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

EDUCATION
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Bachelor of Early Childhood Studies (ED43)

Award title: Bachelor of Early Childhood Studies
CRICOS code: 020305F
Location: Kelvin Grove
Course duration (full-time): 3 years
Total credit points: 288
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.

Course Structure
Year 1, Semester 1
EAB351 Family Studies and Early Childhood Education
EAB364 Academic and Professional Communication
EAB350 Advanced Early Childhood Curriculum: Literacy and Numeracy in the Early Years
EAB442 Motor and Social Development in Early Childhood

Year 2, Semester 1
EAB444 Inclusive Practices in Early Childhood

Year 3, Semester 1
EAB348 Early Childhood Curriculum: Arts
EAB350 Advanced Early Childhood Curriculum: Literacy and Numeracy in the Early Years

List 1: Discipline Foundation Elective Units

Studies in Society and Environment
CLB369 Social and Environmental Foundations

Health and Physical Education
HMB171 Fitness Health and Wellness

Visual and Performing Arts
KKB918 Arts Foundation Studies

Science
MDB387 Science Foundations

Technology
MDB385 Information Technologies in Education
List 2: Discipline Minor Elective Units
Students should take all three units from the one area.

**Language**
- CLB441 Children’s Literature
- CLB452 Media Literacy and the School
- CLB451 Storytelling: Cultural Perspectives
- CLB321 Writing Workshop
- CLB446 Grammar for Writers

**Mathematics**
- MDB347 Excursions in Number
- MDB396 Excursions in Geometry
- MDB388 Ganning and Chance
- MDB349 Mathematical Reasoning

**Studies of Society and Environment**
- CLB371 Knowing Your Environment
- CLB372 The Consumer, Society and the Environment
- CLB375 Environmental Field Studies

**Health and Physical Education**
- HMB336 Motor Development in Children
- HMB337 Child and Adolescent Health
- HMB335 Adapted Physical Activity
- HMB315 Performance Skills 2

**Visual and Performing Arts**
Three level one units from the selected Arts discipline area. Areas available are: Music, Visual Arts, Drama and Dance.
The following units have no audition or portfolio entry requirements.

**Dance**
- KDB125 Deconstructing Dance in History
- KDB106 The Analysis of Modern Dance
- KDB176 Popular Dance Styles
- KDB114 Australian Dance
- KDB117 Dance in Education

**Drama**
- KTB208 Elements of Drama
- KTB214 Process Drama
- KTB251 Theatre History: 20th Century Stages
- KTB253 Theatre History: Staging Australia
- KTB271 Studies in Directing
- KTB275 Understanding Theatre
- KTB279 Technical Theatre

**Music**
- KMB619 Music and Sound Technology
- KMB649 Introductory Musicianship
- KMB650 Introductory Ensemble
- KMB640 Sex Drugs Rock N Roll
- KMB639 Music Directing
- KMB631 World Music

**Visual Arts**
- KVB447 Drawing
- KVP507 Painting
- KVB457 Sculpture
- KVP503 Clay Materials
- KVP509 Photographic Media
- KVP511 Printmaking
- KVB702 Australian and Indigenous Art

**Science**
- MDB389 Life and Living Processes
- MDB390 Natural and Processed Materials
- MDB391 Earth and Space

**Technology**
- MDB383 Using Technology in the Curriculum
- MDB393 Networked Communities
- MDP356 Computer Graphics in Teaching
- MDB397 Multimedia

List 3: Early Childhood Curriculum Elective Units

- EAB360 Early Childhood Drama in Education
- EAB336 Storytelling in Early Childhood
- EAB362 Ethical Responsibilities in Early Childhood
- EAB363 Creating Curriculum With Young Children

List 4: Education Studies Elective Units

- CLB301 Powerful Teachers, Powerful Students
- CLB302 Identifying and Responding to Student Difference
- CLB346 Case Studies in Adult and Family Literacy
- CLB347 Teaching Students From Non-English Speaking Backgrounds
- CLB401 Cultural Diversity and Education

- CLB402 Issues in Indigenous Education
- CLB403 Gender and Sexuality Issues for Teachers
- EAB423 Museums: Places of Learning
- EDB440 Independent Study
- MDB300 Teaching in the Information Age
- SPB003 Teaching Children With Low Incidence Disabilities and Health Problems
- SPB004 Teaching Exceptional Students
- SPB006 Educational Counselling
- SPB007 Human Sexuality and Learning
- SPB009 Research Methods in Education
- SPB010 Education Law and the Beginning Teacher
- SPB011 Learning/teaching Environments
- SPB012 Classroom and Behaviour Management
- SPB013 Classroom Management: Models and Practice
- SPB018 Teaching Strategies
- SPB019 Introduction to Educational Administration
- SPB020 Classroom Assessment Practices

EDB440 Independent Study may be taken once only. An Independent Study Guide and Application are available from the Faculty of Education Office and should be completed and submitted prior to the semester that the study takes place.

Diploma of Business(Administration)/Bachelor of Education(Secondary) (ED50) - Double TAFE/QUT Award.

**Option 1**
First Teaching area: Accounting/Business Management
Second Teaching area: Business Communication and Technologies

**Year 1, Semester 1**
- BSB112 Introduction to Electronic Commerce
  - TAFE: Diploma Stage 1

**Year 1, Semester 2**
- BSB110 Accounting
- BSB117 Professional Communication and Negotiation
  - TAFE: Diploma Stage 2

**Year 2, Semester 1**
- BSB115 Management, People and Organisations
- AYB121 Financial Accounting
  - TAFE: Diploma Stage 3

**Year 2, Semester 2**
- CLB305 Education in Context
- SPB001 Human Development and Education
- BSB114 Government, Business and Society
- AYB221 Computerised Accounting Systems

**Year 3, Semester 1**
- EDB450 Secondary Professional Practice 1: Classroom Management
- CLB341 Language, Technology and Education
- AYB225 Management Accounting 1
  - Accounting/Business Management teaching area unit

**Year 3, Semester 2**
- CLB306 Education in Context
- EDB451 Secondary Professional Practice 2: Curriculum Decision Making
- CLB355 Accounting/business Management Curriculum Studies 1
- CLB357 Business Communications and Technologies Curriculum Studies 1

**Year 4, Semester 1**
- CLB306 Understanding Educational Practices
- EDB452 Secondary Professional Practice 3: The Inclusive Curriculum
- CLB356 Accounting/business Management Curriculum Studies 2
- CLB358 Business Communications and Technologies Curriculum Studies 2

**Year 4, Semester 2**
- Education Studies Elective (List 3)
  - Education Studies Elective (List 3)

**Option 2**
First Teaching area: Business Communication and Technologies
Second Teaching area: Accounting/Business Management
As for Option 1 with the exception of: **Year 2, Semester 2**

- CLB305 Education in Context
- SPB001 Human Development and Education
- AYB221 Computerised Accounting Systems

Plus
Bachelor of Education (Adult and Workplace Education) (ED54)

Award title: Bachelor of Education

CRICOS code: 000783G

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)

Course coordinator: Ms Patricia Ward

Entry Requirements
Applicants must have: completed the equivalent of two years of full-time tertiary study in a discipline area demonstrably relevant to the career path being pursued by the applicant; or a Diploma/Associate Diploma and two years relevant work experience; or a Trade Certificate or Registered Nursing Certificate and 10 years relevant work experience; or other studies and work experience considered equivalent by the University.

Course Structure
The structure of this course is comprised of units from three strands of study, namely Education Studies, Curriculum Studies, and Professional Practice.

Students must complete 72 credit points of Education Studies, 72 credit points of Curriculum Studies and 48 credit points of Professional Practice.

Students with appropriate discipline studies may seek faculty approval to follow the Secondary Pathway to facilitate teacher registration with the Queensland Board of Teacher Registration.

Full-time Course Structure

Semester 1

- SPB026 Adult Education in the Workplace and Community
- EDB400 Field Experience 1
- EDB401 Field Experience 2
- SPB027 Orientation to Adult and Workplace Programs
- SPB029 Instructional Strategies For Adult and Workplace Educators

Semester 2

- CLB304 Context of Adult and Workplace Education
- SPB028 The Group in Adult and Workplace Education
- SPB023 Adult Learning and Development
- EDB400 Field Experience 1
- EDB401 Field Experience 2

Semester 3

- EDB402 Field Experience 3
- SPB030 Programming in Adult and Workplace Education
- SPB034 Organisation and Administration of Adult and Workplace Education
- SPB034 Organisation and Administration of Adult and Workplace Education

Semester 4

- Education Studies Elective (List 1)
- Curriculum Studies Elective (List 2)
- 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
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: Ms Felicity McArdle

General Entry Requirements
To be eligible for consideration, applicants:
(i) must have completed a recognised tertiary institution; and
(ii) must have proficiency in English as determined by University requirements.

NOTE: Students based overseas should note that a proportion of the practicum requirements for this course will need to be completed in a Queensland school if registration with the Queensland Board of Teacher Registration is required.

Full-time Internal/External Course Structure
Semester 1 (Full-time Course Structure)
CLB305 Education in Context
EDB422 Early Childhood Professional Practice: Preschool/kindergarten
EAB442 Motor and Social Development in Early Childhood
EAB347 Early Childhood Curriculum: Early Mathematical Explorations

Semester 2 (Full-time Course Structure)
SPB001 Human Development and Education
EDB421 Early Childhood Professional Practice: Lower Primary
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
PRB422 Early Childhood Professional Practice: Child Care
EAB413 Management of Early Childhood Services
EAB348 Early Childhood Curriculum: Arts

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
CLB305 Education in Context
EAB422 Early Childhood Professional Practice: Preschool/kindergarten
EAB442 Motor and Social Development in Early Childhood
EAB347 Early Childhood Curriculum: Early Mathematical Explorations

Year 1, Semester 2
SPB001 Human Development and Education
EDB421 Early Childhood Professional Practice: Lower Primary
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
EAB348 Early Childhood Curriculum: Arts

Part-time Internal/External Course Structure
Year 1, Semester 1
CLB305 Education in Context
EAB442 Motor and Social Development in Early Childhood

Year 1, Semester 2
SPB001 Human Development and Education
EAB443 Cognition and Language in Early Childhood

Year 2, Semester 1
EAB347 Early Childhood Curriculum: Early Mathematical Explorations
EDB422 Early Childhood Professional Practice: Preschool/kindergarten

Year 3, Semester 1
SPB002 Psychology of Learning and Teaching
EAB348 Early Childhood Curriculum: Arts

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

Accelerated Progression: Part-time Internal/External Course Structure
Year 1, Semester 1
CLB305 Education in Context
EAB442 Motor and Social Development in Early Childhood

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
EAB347 Early Childhood Curriculum: Early Mathematical Explorations
EDB422 Early Childhood Professional Practice: Preschool/kindergarten

Year 2, Semester 2
EAB345 Early Childhood Curriculum: Language Education
EDB421 Early Childhood Professional Practice: Lower Primary

Year 2, Semester 3 (Summer Program)
EDB420 Early Childhood Professional Practice: Child Care
EAB444 Inclusive Practices in Early Childhood

Year 3, Semester 1
EAB348 Early Childhood Curriculum: Arts
SPB002 Psychology of Learning and Teaching

Year 3, Semester 2
EDB423 Early Childhood Professional Practice: Choice

Year 4, Semester 1
EAB413 Management of Early Childhood Services

Bachelor of Education (Early Childhood) (ED52)

Award title: Bachelor of Education
CRICOS code: 000783G
Location: Kelvin Grove
Course duration (full-time): 4 years
Total credit points: 384
Course coordinator: Ms Di Nailon

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. 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 child care.

Research Pathway
Students with a Grade Point Average of 5.5 or above before the commencement of Year 3, may 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.

Early Exit

Students entering the second year of the course, and who are
carrying no more than two failed units from their study in the first
year of the course, have the option to exit the course early with a
three-year Bachelor of Early Childhood Studies ED43. Students
wishing to take up this option should apply in writing to the
course administration officer near the completion of the third
semester of study. The ED43 course provides graduates with a
three-year qualification that will enable them to be employed in
the child care sector only. Graduates will not be eligible for
registration as a teacher.

Course Structure

Semester 1

CLB305 Education in Context
EAB351 Family Studies and Early Childhood Education
MDB386 Mathematics Foundations
Discipline Foundation Elective (List 1)

Semester 2

SPB001 Human Development and Education
CLB344 Language and Literacy Foundations
Early Childhood Curriculum Elective (List 4)
Discipline Foundation Elective (List 1)

Semester 3

EAB442 Motor and Social Development in Early Childhood
EAB347 Early Childhood Curriculum: Early Mathematical Explorations
EDB422 Early Childhood Professional Practice: Preschool/Kindergarten
Discipline Foundation Elective (List 1)

Semester 4

EAB345 Early Childhood Curriculum: Language Education
EAB443 Cognition and Language in Early Childhood
EAB346 Early Childhood Curriculum: Science, Society and the Environment
Discipline Minor Elective (List 2)

Semester 5

SPB002 Psychology of Learning and Teaching
EAB350 Advanced Early Childhood Curriculum: Literacy and Numeracy in the Early Years
EAB348 Early Childhood Curriculum: Arts
Discipline Minor Elective (List 2)

Semester 6

CLB306 Understanding Educational Practices
EDB421 Early Childhood Professional Practice: Lower Primary
EAB444 Inclusive Practices in Early Childhood
Early Childhood Curriculum Elective (List 4)

Semester 7

EDB420 Early Childhood Professional Practice: Child Care
EAB412 Advanced Integrated Early Childhood Curriculum
EAB413 Management of Early Childhood Services
Discipline Minor Elective (List 2)

Semester 8

EDB423 Early Childhood Professional Practice: Choice
EAB349 Advanced Early Childhood Curriculum: Arts
Education Studies Elective Unit (List 3)
Education Studies Elective Unit (List 3)

Research Pathway Option

Year 3, Semester 2

EDB410 Introduction to Research Methods in Education
CLB306 Understanding Educational Practices
EDB421 Early Childhood Professional Practice: Lower Primary
EAB444 Inclusive Practices in Early Childhood

Year 4, Semester 1

EDB411 Dissertation
EDB420 Early Childhood Professional Practice: Child Care
EAB412 Advanced Integrated Early Childhood Curriculum
EAB413 Management of Early Childhood Services

Year 4, Semester 2

EDB411 Dissertation
EAB411 Dissertation
EAB349 Advanced Early Childhood Curriculum: Arts
EDB423 Early Childhood Professional Practice: Choice

List 1: Discipline Foundation Elective Units

Studies of Society and Environment
CLB369 Social and Environmental Foundations

Health and Physical Education
HMB171 Fitness Health and Wellness

Visual and Performing Arts
KKP918 Arts Foundation Studies

Science
MDB387 Science Foundations

Technology
MDB385 Information Technologies in Education

List 2: Discipline Minor Elective Units

Language
CLB441 Children’s Literature
CLB452 Media Literacy and the School
CLB451 Storytelling: Cultural Perspectives
CLB321 Writing Workshop
CLB446 Grammar For Writers

Mathematics
MDB347 Excursions in Number
MDB396 Excursions in Geometry
MDB388 Gaming and Chance
MDB349 Mathematical Reasoning

Studies of Society and Environment
CLB371 Knowing Your Environment
CLB372 The Consumer, Society and the Environment
CLB375 Environmental Field Studies

Health and Physical Education
HMB376 Motor Development in Children
HMB333 Child and Adolescent Health
HMB375 Adapted Physical Activity
HMB315 Performance Skills 2

Visual and Performing Arts

Music, Visual Arts, Drama or Dance.

Students must satisfy any specific entry requirements for Arts units. This
could include auditions or portfolios.

Dance
KDB115 Deconstructing Dance in History
KDB106 The Analysis of Modern Dance
KDB176 Popular Dance Styles
KDB114 Australian Dance
KDB117 Dance in Education

Drama
KTB208 Elements of Drama
KTB214 Process Drama
KTB251 Theatre History: 20th Century Stages
KTB253 Theatre History: Staging Australia
KTB271 Studies in Directing
KTB275 Understanding Theatre
KTB278 Technical Theatre

Music
KMB619 Music and Sound Technology
KMB649 Introductory Musicanship
KMB650 Introductory Ensemble
KMB640 Sex Drugs Rock N Roll
KMB639 Music Directing

KMB631 World Music

Visual Arts
KVB447 Drawing
KVP507 Painting
KVB457 Sculpture
KVP503 Clay Materials
KVP509 Photographic Media
KVP511 Printmaking
KVP502 Australian and Indigenous Art

Science
MDB389 Life and Living Processes
MDB390 Natural and Processed Materials
MDB391 Earth and Space

Technology
MDB383 Using Technology in the Curriculum
List 3: Education Studies Electives

Students select two units

- CLB301 Powerful Teachers, Powerful Students
- CLB302 Identifying and Responding to Student Difference
- CLB346 Case Studies in Adult and Family Literacy
- CLB347 Teaching Students From Non-English Speaking Backgrounds
- CLB401 Cultural Diversity and Education
- CLB402 Issues in Indigenous Education
- CLB403 Gender and Sexuality Issues For Teachers
- EAB423 Museums: Places of Learning
- EDB440 Independent Study
- EDB443 Professional Internship of Associate Teaching
- SPB003 Teaching Children With Low Incidence Disabilities and Health Problems
- SPB004 Teaching Exceptional Students
- SPB006 Educational Counselling
- SPB007 Human Sexuality and Learning
- SPB009 Research Methods in Education
- SPB010 Education Law and the Beginning Teacher
- SPB011 Learning/teaching Environments
- SPB012 Classroom and Behaviour Management
- SPB017 Classroom Management: Models and Practice
- SPB018 Teaching Strategies
- SPB019 Introduction to Educational Administration
- SPB020 Classroom Assessment Practices
- MDB393 Networked Communities
- MDB536 Computer Graphics in Teaching
- MDB397 Multimedia

Elective unit offerings subject to approval

List 4: Early Childhood Curriculum Elective Units

- EAB360 Early Childhood Drama in Education
- EAB361 Storytelling in Early Childhood
- EAB362 Ethical Responsibilities in Early Childhood
- EAB363 Creating Curriculum With Young Children
- EAB415 Resource/support Programs in Early Childhood
- EAB416 Early Childhood Art Education
- EAB418 Studies in Narrative For Young Children
- EAB419 Music Education For Diverse Learners
- EAB420 Children, Teachers and the Environment
- EAB421 Everyday Food Learning
- EAB422 Technology and the Young Child
- EDB440 Independent Study
- EDB440 Independent Study may be taken once only. An Independent Study Guide and application are available from the Faculty of Education Office.

■ 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
Total credit points: 96
Course coordinator: A/Prof John Lidstone

Entry requirements
Applicants will be admitted to the course who:
(i) hold a diploma or equivalent at a standard acceptable to the Dean of Faculty; or
(ii) hold other qualifications and experience acceptable to the dean.
A statement of teaching service should be provided with the admission application.

Option 1
Students may undertake four units of 12 credit points from the Faculty of Education units listed in the elective lists or from the following Faculty of Education postgraduate or preservice courses (subject to course rules):

Graduate Diploma in Education (Inservice)
ED20 GDipEd(Early Childhood)
ED21 GDipEd(Computer Education)
ED23 GDipEd(Educational Management)
ED25 GDipEd(Teacher-Librarianship)
ED28 GDipEd(Learning Support)

Bachelor of Education (Preservice) Fourth Year Electives

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. While the course is designed to allow maximum flexibility in the selection of electives, students may wish to choose a suite of units related to a specific area of interest. Such areas of interest include Adult and Workplace Education; Art Education; Business Education; Professional Studies; Early Childhood Studies; Environmental Education; Human Relationship Education Studies; Cultural and Language Studies; Learning and Development Studies; Learning Support; Mathematics, Science and Technology Education Studies; Social Education; Educational Management; Computer Education; and Teacher Librarianship.

Special Areas of Interest
While the course is designed to allow maximum flexibility in the selection of electives, students may wish to choose a suite of units related to a specific area of interest. Studies in such areas of interest may be of direct relevance to the student’s professional responsibilities, now or in the future, or may provide an introduction to more advanced work at Master of Education level. Such areas of interest include: Adult and Workplace Education; Art Education; Business Education; Culture and Policy; Curriculum and Professional Studies; Early Childhood; Environmental Education; Human Relationship Education; Language and Literacy; Learning and Development; Learning Support; Mathematics, Science and Technology Education; Social Education; Educational Management; Computer Education; and Teacher Librarianship.

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
CLB405 Environmental Education
CLB440 Trends in the Teaching of Writing
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
EAB347 Early Childhood Curriculum: Early Mathematical Explorations
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
SPB005 Interactive Teaching Strategies
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 Educators
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
MDB446 Science for Early Childhood
MDP529 Diagnostic Assessment and Remedial Intervention in Mathematics

Faculty of Education Elective Units
EDB440 Independent Study
EDB442 Integrated Professional Seminars

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) (ED53)

Award title: Bachelor of Education (Preservice)
Location: External
Course duration (part-time): 4 years
Course duration (external): 4 years
Total credit points: 384 (192 awarded upon entry to the course)
Standard credit points per semester (part-time): 24
Course coordinator: Dr Jo Brownlee

Entry Requirements
Admission is dependent upon the award of 192 credit points for unspecified units. Entry is restricted to applicants who are graduates of TAFE Diploma in Education (Child Care) or equivalent and relevant two-years-tertiary-level courses, and who have had the equivalent of two years full-time employment as a Group Leader in early childhood care and education services.

Professional Recognition
The Bachelor of Education (Preservice Early Childhood) 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.

Early Exit
Students have the option to exit the course early with a three-year Bachelor of Early Childhood. Students wishing to take up this option should apply in writing to the course administration officer on nearing completion of the fourth semester of study, requesting that they be transferred to the Bachelor of Early Childhood ED44 course. Graduates of this degree are not eligible for teacher registration in Queensland.

Accelerated Progression - Summer Program Units
Students may accelerate their progress through the course by undertaking units in the summer program. The summer program units are offered on a full-fee-paying basis only.

Course Structure - First Semester Entry
First Semester of Study (March to June)
EAP533 Change in Children: Birth to Eight Years
EAB348 Early Childhood Curriculum: Arts

Second Semester of Study (July to October)
EAB351 Family Studies and Early Childhood Education
OR
EAB364 Academic and Professional Communication
AND
EAB413 Management of Early Childhood Services

Third Semester of Study (March to June)
EAB347 Early Childhood Curriculum: Early Mathematical Explorations
EAB346 Early Childhood Curriculum: Science, Society and the Environment

Fourth Semester of Study (July to October)
EAB345 Early Childhood Curriculum: Language Education
EAB444 Inclusive Practices in Early Childhood

Fifth Semester of Study (March to June)
EDB422 Early Childhood Professional Practice: Preschool/kindergarten
AND
CLB402 Issues in Indigenous Education
OR
(For International Students Only)
CLB401 Cultural Diversity and Education

Sixth Semester of Study (July to October)
EDB421 Early Childhood Professional Practice: Lower Primary
EAB445 Applied Studies of Children in Early Childhood Contexts

Seventh Semester of Study (March to June)
CLB306 Understanding Educational Practices
EAB412 Advanced Integrated Early Childhood Curriculum

Eighth Semester of Study (July to October)
SPB002 Psychology of Learning and Teaching
EDB423 Early Childhood Professional Practice: Choice

Course Structure – Mid-year Entry
First semester of study (July to October)
EAP533 Change in Children: Birth to Eight Years
EAB413 Management of Early Childhood Services

Second semester of study (March to June)
EAB351 Family Studies and Early Childhood Education
OR
EAB364 Academic and Professional Communication
AND
EAB348 Early Childhood Curriculum: Arts

Third semester of study (July to October)
EAB345 Early Childhood Curriculum: Language Education
EAB444 Inclusive Practices in Early Childhood

Fourth semester of study (March to June)
EAB347 Early Childhood Curriculum: Early Mathematical Explorations
EAB346 Early Childhood Curriculum: Science, Society and the Environment

Fifth semester of study (July to October)
EDB422 Early Childhood Professional Practice: Preschool/kindergarten
EAB445 Applied Studies of Children in Early Childhood Contexts

Sixth semester of study (March to June)
EDB421 Early Childhood Professional Practice: Lower Primary
AND
CLB402 Issues in Indigenous Education
OR
(For International Students Only)
CLB401 Cultural Diversity and Education

Seventh semester of study (July to October)
EAB412 Advanced Integrated Early Childhood Curriculum

Eighth semester of study (March to June)
EDB423 Early Childhood Professional Practice: Choice
CLB306 Understanding Educational Practices
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: Dr Annah Healy

General Entry Requirements
To be eligible for consideration, applicants:
(i) must have a completed undergraduate discipline degree from a recognised tertiary institution; and
(ii) must have proficiency in English as determined by University requirements.

NOTE: Students based overseas should note that a proportion of the practicum requirements for this course will need to be completed in a Queensland school if registration with the Queensland Board of Teacher Registration is required.

Full-time: Internal/External Course Structure

Semester 1 (Full-Time Course Structure)
CLB305 Education in Context
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
MDB383 Using Technology in the Curriculum
EDB431 Primary Professional Practice 2: Curriculum Decision Making

Semester 3 (Full-Time Course Structure)
SPB002 Psychology of Learning and Teaching
EDB432 Primary Professional Practice 3: The 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
KKB914 Visual and Performing Arts Curriculum 1
EDB433 Primary Professional Practice 4: Reflective Practice

Part-time: Internal/External Accelerated Course Structure

Year 1, Semester 1
CLB305 Education in Context
MDB450 Primary Mathematics Curriculum

Year 1, Semester 2
EDB430 Primary Professional Practice 1: Classroom Management
CLB376 Studies of Society and Environment Curriculum

Research Pathway
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.

LOTE Pathway
Students undertaking a LOTE pathway may be required to attend other campuses.

Research Pathway
Students with a Grade Point Average of 5.5 or above before the commencement of Year 3, may 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.

**Middle Years Pathway**

Students have the option of choosing the Middle Years pathway
which will enable them to gain expertise in middle year
schooling. The option involves choosing four units in the final
semester including a practicum in the middle years setting
(subject to Grade Point Average of 5 or above).

**Early Exit**

Students have the option to exit the course early with a three-year
Bachelor of General Studies (Education). Students wishing to
take up this option should apply in writing to the course
administration officer on nearing completion of the sixth semester
of study, requesting that they be transferred to the Bachelor of
General Studies (Education) ED45 course. Graduates of this
degree are not eligible for teacher registration in Queensland.

To meet the requirements of the Bachelor of General Studies
(Education) students will have successfully completed 288 credit
points of study comprising:
- 96 credit points of professional studies in education including
  at least 48 credit points of advanced level units. (In the BEd
  (Primary) program all professional studies in education units
  except CLB305 Education in Context, CLB341 Language
  Technology and Education, SPB001 Human Development and
  Education, and EDB430 Primary Professional Practice 1: Classroom Management are deemed to be advanced level
  units.);
- 96 credit points taken from the Discipline/Content Studies in
  the Bachelor of Education (Primary) ED51 course; and
- 96 credit points from a combination of the above, or in consultation with the Associate Course Coordinator, from other
courses across the university subject to course rules. A minimum of 48 credit points must be undertaken at the
advanced level.

**Course Structure**

**Semester 1**
- CLB305 Education in Context
- CLB344 Language and Literacy Foundations
- SPB001 Human Development and Education
- MDB385 Information Technologies in Education
  or for LOTE Pathway
  LOTE 1 (List 2)

**Semester 2**
- HMB171 Fitness Health and Wellness
- EDB430 Primary Professional Practice 1: Classroom Management
- MDB386 Mathematics Foundations
- CLB369 Social and Environmental Foundations
  or for LOTE Pathway
  LOTE 2 (List 2)

**Semester 3**
- MDB387 Science Foundations
  and either:
- KKB918 Arts Foundation Studies
- MDB373 Mathematics Curriculum 1
  or for LOTE Pathway
  LOTE 3 (List 2)
- MDB450 Primary Mathematics Curriculum
- MDB385 Information Technologies in Education

**Semester 4**
- MDB383 Using Technology in the Curriculum
  and either:
- KKB914 Visual and Performing Arts Curriculum 1
- CLB348 Language and Literacy Curriculum 1
  Discipline Studies Elective (List 1)
  or for LOTE Pathway
  LOTE 4 (List 2)
- CLB369 Social and Environmental Foundations
- CLB454 Language and Literacy Curriculum

**Semester 5**
- SPB002 Psychology of Learning and Teaching
- EDB431 Primary Professional Practice 2: Curriculum Decision Making
  and either:
  Discipline Studies Elective (List 1)
- CLB349 Language and Literacy Curriculum 2
  or for LOTE Pathway
  LOTE 5 (List 2)
- KKB918 Arts Foundation Studies

**Semester 6**
- CLB306 Understanding Educational Practices
- MDB384 Science Education
  and either:
- MDB374 Mathematics Curriculum 2
  Discipline Studies Elective (List 1)
  or for LOTE Pathway
  LOTE 6 (List 2) and
- KKB914 Visual and Performing Arts Curriculum 1

**Semester 7**
- EDB432 Primary Professional Practice 3: The Inclusive Curriculum
- HMB307 Health and Physical Education Curriculum (Primary)
- CLB413 Programming and Assessment in Language and Mathematics
  and either:
  Discipline Studies Elective (List 1) or for LOTE Pathway
  LOTE 7 (List 2) and
- CLB334 Primary LOTE Curriculum Studies

**ED51 - Research Pathway Option**

**Year 4, Semester 1**
- EDB411 Dissertation
- EDB432 Primary Professional Practice 3: The Inclusive Curriculum
- HMB307 Health and Physical Education Curriculum (Primary)

**Year 4, Semester 2**
- CLB306 Understanding Educational Practices
- EDB411 Dissertation
- EDB411 Dissertation
- EDB433 Primary Professional Practice 4: Reflective Practice

**ED51 - Middle Years Pathway Option**

**Year 4, Semester 2**
- SPB002 Psychology of Learning and Teaching
- SPB008 The Middle Years of Schooling
- EDB433 Primary Professional Practice 4: Reflective Practice
- EDB443 Professional Internship of Associate Teaching

**List 1: Discipline Studies Electives**

All students (except those following the LOTE pathway) take a total of
four units from this list during Years 2 - 4 (refer to course structure on
previous pages for exact semesters).

The first three should be drawn from one of the specified minors below.
Students may take the fourth unit from the same elective group, or from
other undergraduate offerings at QUT.

**Language**
- Minor
- CLB441 Children’s Literature
- CLB452 Media Literacy and the School
- CLB451 Storytelling: Cultural Perspectives
- Additional Units
- CLB446 Grammar For Writers
- CLB321 Writing Workshop
### Mathematics
- **Minor**
  - MDB347 Excursions in Number
  - MDB388 Gaming and Chance
  - MDB396 Excursions in Geometry
  - Additional Unit
  - MDB349 Mathematical Reasoning

### Studies of Society and Environment
- **Minor**
  - CLB371 Knowing Your Environment
  - CLB372 The Consumer, Society and the Environment
  - CLB373 Future Societies and Environments - Australia, Asia and the Pacific
  - CLB375 Environmental Field Studies

### Health and Physical Education
- **Minor**
  - HMB376 Motor Development in Children
  - HMB333 Child and Adolescent Health
  - HMB315 Performance Skills 2
  - Additional Units
  - HMB305 Personal Health
  - HMB313 Socio-Cultural Foundations of Physical Activity
  - HMB316 Performance Skills 3
  - HMB332 Health Related Fitness
  - PUB127 Health Issues in Australia

### Visual and Performing Arts
Three units from one of the selected Arts discipline area: Music, Visual Arts, Drama or Dance

### Science
- **Minor**
  - MDB389 Life and Living Processes
  - MDB390 Natural and Processed Materials
  - MDB391 Earth and Space
  - Additional Units
  - LSB142 Human Anatomy and Physiology
  - SGB202 Science, Technology and Society

### Technology
- **Minor**
  - MDB392 Educational Computing Environments
  - MDB393 Networked Communities
  - MDB397 Multimedia
  - MDB377 Project Planning and Implementation For Educational Purposes

### List 2: Languages Other Than English (LOTE) Units

#### LOTE Units
General primary/LOTE students are required to complete 72 credit points of discipline/content studies plus 12 credit points of curriculum studies in one of the four languages available. Students who have taken their LOTE to Year 12 or equivalent do not take the introductory units.

The language units in the discipline/content strand are as follows:

- **French**
  - HHB060 French For the Tourism Industry
  - HHB061 French 1
  - HHB062 French 2
  - HHB063 French 3
  - HHB064 French 4
  - HHB065 French 5
  - HHB066 French 6
  - HHB067 French 7
  - HHB068 French 8
  - HHB069 French 9
  - HHB070 French 10

- **German**
  - HHB091 German 1
  - HHB092 German 2
  - HHB093 German 3
  - HHB094 German 4
  - HHB095 German 5
  - HHB096 German 6
  - HHB097 German 7
  - HHB098 German 8

- **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

#### List 3: Education Studies Electives
- CLB301 Powerful Teachers, Powerful Students
- CLB302 Identifying and Responding to Student Difference
- CLB346 Case Studies in Adult and Family Literacy
- CLB347 Teaching Students From Non-English Speaking Backgrounds
- CLB401 Cultural Diversity and Education
- CLB402 Issues in Indigenous Education
- CLB403 Gender and Sexuality Issues For Teachers
- EAB423 Museums: Places of Learning
- EDB440 Independent Study
- EDB443 Professional Internship of Associate Teaching
- SPB003 Teaching Children With Low Incidence Disabilities and Health Problems
- SPB004 Teaching Exceptional Students
- SPB006 Educational Counselling
- SPB007 Human Sexuality and Learning
- SPB008 The Middle Years of Schooling
- SPB009 Research Methods in Education
- SPB010 Education Law and the Beginning Teacher
- SPB011 Learning/teaching Environments
- SPB012 Classroom and Behaviour Management
- SPB017 Classroom Management: Models and Practice
- SPB018 Teaching Strategies
- SPB019 Introduction to Educational Administration
- SPB020 Classroom Assessment Practices
List 4: Curriculum Studies Electives

- KKB916 Adv Visual and Performing Arts Curriculum
- EDB440 Independent Study
- CLB370 Advanced Curriculum: Environmental Education
- CLB414 Advanced Topics in Language Education
- MDB429 Initiatives in Science Education
- MDB449 Information Technologies to Support Effective Learning and Teaching
- SPB015 Getting It All Together: Teachers- Professional Work in the Differing Contexts of the Primary Classroom
- SPB016 Teachers and the Curriculum
- SPB022 The Middle Years Curriculum
- HMS341 Sporting and Outdoor Education Administration
- EDB440 Independent Study may be taken once only. An Independent Study Guide and application are available from the Faculty of Education Office.

**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 Doug Stewart

**General Entry Requirements**

To be eligible for consideration, applicants:

(i) must have a completed undergraduate discipline degree from a recognised tertiary institution; and

(ii) must have proficiency in English as determined by University requirements.

**NOTE:** Students based overseas should note that a proportion of the practicum requirements for this course will need to be completed in a Queensland school if registration with the Queensland Board of Teacher Registration is required.

**Additional Entry Requirements**

Students must have completed at least one third of their undergraduate degree in their first teaching area and one sixth in their second teaching area. For some teaching areas, interview audition or presentation of folio may be required (e.g. LOTE, Primary LOTE, Drama, Dance, Music, Visual Arts).

**Course Structure**

Students are required to complete 192 credit points of professional studies in education covering core Education Studies units, Teaching Practice units, Curriculum Studies units and a range of electives. Students select two areas of specialisation within Curriculum Studies which must coincide with the two teaching areas through which they gained course entry. Some Curriculum Studies units will not be available in external mode. The teaching areas are divided into Group X and Group Y as shown below:

**Group X**

- Accounting/Business Management
- Business Communication & Technologies
- Computing
- English
- Home Economics
- Mathematics
- Physical Education
- Science Studies
- Social Science

**Group Y**

- Art
- English as a Second language (ESL)
- Primary Languages Other than English (Primary LOTE)

In addition to the above, the following are allowable combinations:

- Dance with Drama or Music
- Drama with Music (Secondary)
- History with Geography
- Film and Media with History or Geography or LOTE
- Computing with Business Communication and Technologies

**Full-time Internal/External Course Structure**

**Semester 1 (Full-time Course Structure)**

- CLB305 Education in Context
- SPB001 Human Development and Education
- EDB450 Secondary Professional Practice 1: Classroom Management
- CLB341 Language, Technology and Education

**Semester 2 (Full-time Course Structure)**

- 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 (Full-time Course Structure)**

- CB306s Understanding Educational Practices
- EDB452 Secondary Professional Practice 3: The Inclusive Curriculum
  - Curriculum Studies 2X (See List 2)
  - Curriculum Studies 2Y (See List 2)

**Semester 4 (Full-time Course Structure)**

- EDB453 Secondary Professional Practice 4: The Beginning Teacher Education Studies Elective (List 3)
- Education Studies Elective (List 3)
  - Curriculum Elective (List 4)

**Full-time Internal/External Accelerated Structure**

**Year 1, Semester 1**

- CLB305 Education in Context
- SPB001 Human Development and Education
- EDB450 Secondary Professional Practice 1: Classroom Management

**Year 1, 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)

**Year 1, Semester 3 (Summer Program)**

- Education Studies Elective (List 3)
- Education Studies Elective (List 3)
- Curriculum Elective (List 4)
- 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 (List 2)
Curriculum Studies 2Y (List 2)

Part-time Internal/External Course Structure

Year 1, Semester 1
SPB001 Human Development and Education
CLB341 Language, Technology and Education
Year 1, Semester 2
SPB002 Psychology of Learning and Teaching
Curriculum Studies 1X (List 1)

Year 2, Semester 1
CLB305 Education in Context
EDB450 Secondary Professional Practice 1: Classroom Management

Year 2, Semester 2
EDB451 Secondary Professional Practice 2: Curriculum Decision Making
Curriculum Studies 1Y (List 1)

Year 3, Semester 1
CLB306 Understanding Educational Practices
Curriculum Studies 2X (List 2)

Year 3, Semester 2
Education Studies Elective (List 3)
Education Studies Elective (List 3)

Year 4, Semester 1
EDB452 Secondary Professional Practice 3: The Inclusive Curriculum
Curriculum Studies 2Y (List 2)

Year 4, Semester 2
EDB453 Secondary Professional Practice 4: The Beginning Teacher
Curriculum Elective (List 4)

Part-time Internal/External Accelerated Course Structure

Year 1, Semester 1
CLB305 Education in Context
CLB341 Language, Technology and Education
Year 1, Semester 2
SPB001 Human Development and Education
Curriculum Studies 1X (List 1)
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 (List 2)

Year 2, Semester 2
EDB451 Secondary Professional Practice 2: Curriculum Decision Making
Curriculum Studies 1Y (List 1)

Year 2, Semester 3 (Summer Program)
SPB002 Psychology of Learning and Teaching
Curriculum Elective (List 4)

Year 3, Semester 1
EDB452 Secondary Professional Practice 3: The Inclusive Curriculum
Curriculum Studies 2Y (List 2)

Year 3, Semester 2
EDB453 Secondary Professional Practice 4: The Beginning Teacher
Education Studies Elective (List 3)

ED19/55 Curriculum Studies - List 1
Please see Master of Teaching (Secondary) (ED19) in this section.

ED19/55 Curriculum Studies - List 2
Please see Master of Teaching (Secondary) (ED19) in this section.

Education Studies Elective Units - List 3
CLB301 Powerful Teachers, Powerful Students
CLB302 Identifying and Responding to Student Difference
CLB346 Case Studies in Adult and Family Literacy
CLB347 Teaching Students From Non-English Speaking Backgrounds
CLB401 Cultural Diversity and Education
CLB402 Issues in Indigenous Education
CLB403 Gender and Sexuality Issues For Teachers
EAB423 Museums: Places of Learning
EDB440 Independent Study
EDB443 Professional Internship of Associate Teaching
MDB300 Teaching in the Information Age
MDB381 Science and Technology in the Community and Workplace
SPB003 Teaching Children With Low Incidence Disabilities and Health Problems

SPB004 Teaching Exceptional Students
SPB006 Educational Counselling
SPB007 Human Sexuality and Learning
SPB008 The Middle Years of Schooling
SPB009 Research Methods in Education
SPB010 Education Law and the Beginning Teacher
SPB011 Learning/teaching Environments
SPB012 Classroom and Behaviour Management
SPB017 Classroom Management: Models and Practice
SPB018 Teaching Strategies
SPB019 Introduction to Educational Administration
SPB020 Classroom Assessment Practices

Curriculum Studies Electives - List 4
CLB334 Primary LOTE Curriculum Studies
CLB374 Studies of Society and Environment
CLB377 Business Education Studies
CLB411 Advanced Studies in Film and Media Curriculum
CLB412 Advanced Studies in English, ESL Curriculum
CLB443 Trends in the Teaching of Reading
CLB453 New Literacies and Technologies Across the Curriculum
EDB440 Independent Study
MDB495 Marine Studies Curriculum
MDB414 Learning Environments Using Information Technology
MDP529 Diagnostic Assessment and Remedial Intervention in Mathematics
SPB013 Progressive Strategies for General and Vocational Education
SPB014 Advanced Skills of Effective Learning and Teaching
SPB016 Teachers and the Curriculum
SPB022 The Middle Years Curriculum
HMB342 The Development of Teaching Skills in Primary Physical Education

Bachelor of Education (Secondary) (ED50)

Award title: Bachelor of Education
CRICOS code: 000783G
Location: Gardens Point, Kelvin Grove and Carseldine
Course duration (full-time): 4 years
Total credit points: 384
Course coordinator: Dr Lisa Ehrich

Course Requirements
Undergraduate-entry students complete 192 credit points of professional studies and 192 credit points of discipline studies.

Optional Pathways
A Middle Years Pathway and Research Pathway are available.

Middle Years Pathway
The Middle Years Pathway enables students to gain expertise in middle years schooling. The option involves choosing four units in the final semester including a practicum in the middle years setting (subject to Grade Point Average of 5.0 or above).

Research Pathway
Students with a Grade Point Average of 5.5 or above before the commencement of Year 3, may 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.

Early Exit
Students have the option to exit the course early with a three-year Bachelor of General Studies (Education). Students wishing to take up this option should apply in writing to the course administration officer on nearing completion of the sixth semester of study, requesting that they be transferred to the Bachelor of General Studies (Education) ED45 course. Graduates of this degree are not eligible for teacher registration in Queensland.

To meet the requirements of the Bachelor of General Studies (Education) students will have successfully completed 288 credit points of study comprising:
• 96 credit points of professional studies in education including at least 48 credit points of advanced level units. (In the B Ed (Secondary) program all professional studies in education units except CLB305 Education in Context, CLB341 Language Technology and Education, SPB001 Human Development and Education, and EDB450 Secondary Professional Practice 1: Classroom Management are deemed to be advanced level units);

• 96 credit points taken from the Discipline/Content Studies in the B Ed (Secondary) which must include a minimum of 72 credit points in the one discipline area. A minimum of 48 credit points of these Discipline/Content Studies must be undertaken at the advanced level; and

• 96 credit points from a combination of the above or, in consultation with the Associate Course Coordinator, from other courses across the university subject to course rules.

Entry into Course Streams

Business Education
Accounting/Business Management
Business Communication & Technologies
Economics
Legal Studies

English and Film and Media Studies
English
Film and Media Studies

LOTE
French
German
Indonesian
Japanese

Home Economics
Home Economics

Physical Education
Physical Education

Science/Mathematics/Computing
Chemistry
Computing
Earth Science
Mathematics
Physics
Science Studies

Social Science
Geography
History
Social Science

Studies are also available in Health Education and English as a Second Language (ESL)
Refer to Course Structures for details of the Diploma of Business (Administration)/Bachelor of Education (Secondary) (ED50) - Double TAFE/QUT Award.

Discipline Studies

Undergraduate-entry students are required to take 192 credit points of Discipline Studies units, specialising in two teaching areas appropriate to Years 8 - 12 in Queensland. Students must complete at least 96 credit points in one teaching area and will normally complete at least 72 credit points in their other teaching area (Groups X and Y). The remaining 24 credit points may be added to the 72, added to the 96, or used for personal development in a third area.

In certain circumstances, permission may be given to complete 48 credit points in a non-discipline area. Students undertaking this option will complete 96 credit points in one of their two teaching areas and 48 credit points in their other teaching area. An additional 48 credit points may then be selected in a non-teaching area.

Note: The above mentioned option is not available in all teaching areas. Approval from the course coordinator is required. Students wishing to explore this option should consult with the associate course coordinator (Secondary). Hence, the combinations available include the following:

(a) Teaching area 1: 120 credit points
   Teaching area 2: 72 credit points
(b) Teaching area 1: 96 credit points
   Teaching area 2: 96 credit points
(c) Teaching area 1: 96 credit points
   Teaching area 2: 72 credit points
   Liberal Studies (Group Z): 24 credit points
(d) Teaching area 1: 96 credit points
   Teaching area 2: 48 credit points
   Non-teaching area: 48 credit points

*Option (d) is available only by request and in a restricted number of teaching areas.

The teaching areas are divided into Group X and Group Y as shown in the Course Structure. Students may also select up to 24 credit points from units in Group Z. Students should note that not all faculties offer units for elective studies in the Bachelor of Education (Preservice).

Accounting/Business Management (X/Y)
Minor: 72 credit points - consisting of 48 credit points of level one and the remainder (24 credit points) of advanced units.
Major: 96 credit points - consisting of 48 credit points of level one and the remainder (48 credit points) of advanced units.
Extended Major: 120 credit points - consisting of 48 credit points of level one and the remainder (72 credit points) of advanced units.

Biology (Y)
Minor: 72 credit points - consisting of 24 credit points of selected level one units, a 12 credit point Science, Technology and Society unit, and 36 credit points of selected advanced biology units.
Major: 96 credit points - as for the minor with the remaining 24 credit points in advanced biology units.
Extended Major: 120 credit points - as for the major with the remaining 24 credit points in advanced biology units.

Business Communication and Technologies (X)
Minor: 72 credit points - consisting of 48 credit points of level one and the remainder (24 credit points) of advanced units.
Major: 96 credit points - consisting of 48 credit points of level one and the remainder (48 credit points) of advanced units.
Extended Major: 120 credit points - consisting of 48 credit points of level one and the remainder (72 credit points) of advanced units.

Chemistry (Y)
Minor: 72 credit points - consisting of 24 credit points of selected level one units, a 12 credit point Science, Technology and Society unit, and 36 credit points of selected advanced chemistry units.
Major: 96 credit points - as for the minor with the remaining 24 credit points in advanced chemistry units.
Extended Major: 120 credit points - as for the major with the remaining 24 credit points in advanced chemistry units.

Computing (X)
Minor: 72 credit points - consisting of 48 credit points of level one and the remainder (24 credit points) of advanced units.
Major: 96 credit points - consisting of 48 credit points of level one and the remainder (48 credit points) of advanced units.
Extended Major: 120 credit points - consisting of 48 credit points of level one and the remainder (72 credit points) of advanced units.
Earth Science (Y)
Minor: 72 credit points - consisting of 36 credit points of selected level one units, a 12 credit point Science, Technology and Society unit, and 24 credit points of selected advanced earth science units.
Major: 96 credit points - as for the minor with the remaining 24 credit points in advanced earth science units.
Extended Major: 120 credit points - as for the major with the remaining 24 credit points in advanced earth science units.

Economics (Y)
Minor: 72 credit points - consisting of 36 credit points of level one and the remainder (36 credit points) of advanced units.
Major: 96 credit points - consisting of 36 credit points of level one and the remainder (48 credit points) of advanced units.
Extended Major: 120 credit points - consisting of 36 credit points of level one and the remainder (72 credit points) of advanced units.

English (X/Y)
Minor: 72 credit points - consisting of 48 credit points of level one and the remainder (24 credit points) of advanced units.
Major: 96 credit points - consisting of 48 credit points of level one and the remainder (48 credit points) of advanced units.
Extended Major: 120 credit points - consisting of 48 credit points of level one and the remainder (72 credit points) of advanced units.

English as a Second Language (X)
Minor: 72 credit points - consisting of 72 credit points of selected language and culture units or English units or LOTE units. (This area can only be undertaken if English or LOTE is the first teaching area.)

Film and Media (Y)
Minor: 72 credit points - consisting of 36 credit points of level one and the remainder (36 credit points) of advanced units.
Major: 96 credit points - consisting of 36 credit points of level one and the remainder (48 credit points) of advanced units.
Extended Major: 120 credit points - consisting of 36 credit points of level one and the remainder (72 credit points) of advanced units.

Geography (Y)
Minor: 72 credit points - consisting of 36 credit points of level one and the remainder (36 credit points) of advanced units.
Major: 96 credit points - consisting of 36 credit points of level one and the remainder (48 credit points) of advanced units.
Extended Major: 120 credit points - consisting of 36 credit points of level one and the remainder (72 credit points) of advanced units.

History (Y)
Minor: 72 credit points
Major: 96 credit points

Students intending to teach in secondary schools are strongly encouraged to select at least one unit from each of the following broad areas: Ancient History; Asia/Pacific History; Australian History; European History.

Home Economics (X)
Minor: 72 credit points - consisting of 72 credit points of level one units.
Major: 96 credit points - consisting of 72 credit points of level one and the remainder (24 credit points) of advanced units.
Extended Major: 120 credit points - consisting of 72 credit points of level one and the remainder (48 credit points) of advanced units.

Legal Studies (Y)
Minor: 72 credit points - consisting of 48 credit points of level one and the remainder (24 credit points) of advanced units.
Major: 96 credit points - consisting of 48 credit points of level one and the remainder (48 credit points) of advanced units.
Extended Major: 120 credit points - consisting of 48 credit points of level one and the remainder (72 credit points) of advanced units.

LOTE (Y)
(Indonesian, Japanese, German and French)
Students wishing to undertake studies in French, German, Indonesian or Japanese are required to select a specified sequence of six units (72 credit points).

Mathematics (X/Y)
Minor: 72 credit points - consisting of 24 credit points in foundation mathematics, 12 credit points in each of the areas of statistics and other Mathematical topics and an additional 24 credit points as recommended.
Major: 96 credit points - as for the minor program plus an additional 24 credit points as recommended.
Extended Major: 120 credit points - as for the major program plus an additional 24 credit points in advanced mathematics units.

Physical Education (X)
Minor: 72 credit points - consisting of 48 credit points of level one and the remainder (24 credit points) of advanced units.
Major: 96 credit points - consisting of 48 credit points of level one and the remainder (48 credit points) of advanced units.
Extended Major: 120 credit points - consisting of 48 credit points of level one and the remainder (72 credit points) of advanced units.

Physics (Y)
Minor: 72 credit points - consisting of 36 credit points of level one units, a 12 credit point Science, Technology and Society unit, and 24 credit points of selected advanced physics units.
Major: 96 credit points - as for the minor with the remaining 24 credit points in advanced physics units.
Extended Major: 120 credit points - as for the major with the remaining 24 credit points in advanced physics units.

Science Studies (X)
Minor: 72 credit points - consisting of 72 credit points of selected level one units.
Major: 96 credit points - as for the minor with the remaining 24 credit points in advanced science units.
Extended Major: 120 credit points - as for the major with the remaining 24 credit points in advanced science units.

Social Science (X)
Minor: 72 credit points
Major: 96 credit points

Students intending to teach Social Science in secondary schools are strongly encouraged to select at least two units from each of Geography and Environmental Studies and History areas. The remaining units may be selected from these two areas or from any of the following areas: Indigenous Studies; International and Global Studies; Political Studies; Sociology; Ethics; and Gender Studies.

Course Structure
Possible Combinations of Subject Areas
Group X
Accounting/Business Management
Business Communication and Technologies
Computing
English
English as a Second Language (ESL)
Home Economics
Mathematics
Physical Education
Science Studies
Social Studies
+ English as a Second Language (ESL) can only be taken as a second teaching area if studying English or LOTE as a first teaching area.

**Group Y**

Accounting/Business Management  
Biography  
Chemistry  
Earth Science  
Economics  
English  
Film and Media Studies (subject to quota)  
French  
Geography  
German  
Health Education  
History  
Indonesian  
Japanese  
Legal Studies  
Mathematics  
Physics

Note: Where the same subject area 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 Science Studies or Physical Education are encouraged to complete at least 96 credit points in these areas.

Under certain conditions students may be allowed to complete all of their discipline studies within the one area.

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.

**Year 1, Semester 1**

2 x Discipline Studies X Unit  
2 x Discipline Studies Y Unit

**Year 1, Semester 2**

CLB305 Education in Context  
SPB001 Human Development and Education  

**Discipline Studies X Unit**  
Discipline Studies Y Unit

**Year 2, Semester 1**

CLB341 Language, Technology and Education  
EDB450 Secondary Professional Practice 1: Classroom Management  
Discipline Studies X Unit  
Discipline Studies Y Unit

**Year 2, Semester 2**

2 x Discipline Studies X Units  
2 x Discipline Studies Y Units

**Year 3, Semester 1**

2 x Discipline Studies X or Y Units  
2 x Discipline Studies X, Y or Z Units

**Year 3, Semester 2**

SPB002 Psychology of Learning and Teaching  
EDB451 Secondary Professional Practice 2: Curriculum Decision Making  
Curriculum Studies 1X (see List 2)  
Curriculum Studies 1Y (see List 2)

**Year 4, Semester 1**

CLB306 Understanding Educational Practices  
EDB452 Secondary Professional Practice 3: The Inclusive Curriculum  
Curriculum Studies 2X (see List 2)  
Curriculum Studies 2Y (see List 2)

**Year 4, Semester 2**

CLB306 Understanding Educational Practices  
EDB411 Dissertation  
EDB453 Secondary Professional Practice 4: The Beginning Teacher  
EDB411 Dissertation is a 36 credit point unit.  
Part 1 will be completed in Yr 4, Semester 1 and Parts 2 and 3 in Yr 4, Semester 2.

**List 2: Curriculum Studies Units**

Students complete one set of Curriculum Studies units for each of two teaching areas.

HMB310 Physical Education Curriculum Studies 1  
HMB370 Physical Education Curriculum Studies 2  
HMB390 Health Education Curriculum Studies 1  
HMB395 Health Education Curriculum Studies 2  
CLB325 English Curriculum Studies 1  
CLB326 English Curriculum Studies 2  
CLB327 Film and Media Curriculum Studies 1  
CLB328 Film and Media Curriculum Studies 2  
CLB329 LOTE Curriculum Studies 1  
CLB330 LOTE Curriculum Studies 2  
CLB447 English as a Second Language Curriculum Studies 1  
CLB448 English as a Second Language Curriculum Studies 2  
CLB355 Accounting/business Management Curriculum Studies 1  
CLB356 Accounting/business Management Curriculum Studies 2  
CLB357 Business Communications and Technologies Curriculum Studies 1  
CLB358 Business Communications and Technologies Curriculum Studies 2  
CLB359 Economics Curriculum Studies 1  
CLB360 Economics Curriculum Studies 2  
CLB361 Geography Curriculum Studies 1  
CLB362 Geography Curriculum Studies 2  
CLB363 History Curriculum Studies 1  
CLB364 History Curriculum Studies 2  
CLB365 Legal Studies Curriculum Studies 1  
CLB366 Legal Studies Curriculum Studies 2  
CLB367 Social Science Curriculum Studies 1  
CLB368 Social Science Curriculum Studies 2  
MDB325 Biology Curriculum Studies 1  
MDB326 Biology Curriculum Studies 2  
MDB327 Chemistry Curriculum Studies 1  
MDB328 Chemistry Curriculum Studies 2  
MDB329 Computing Curriculum Studies 1  
MDB330 Computing Curriculum Studies 2  
MDB331 Earth Science Curriculum Studies 1  
MDB332 Earth Science Curriculum Studies 2  
MDB333 Mathematics Curriculum Studies 1  
MDB334 Mathematics Curriculum Studies 2  
MDB335 Physics Curriculum Studies 1  
MDB336 Physics Curriculum Studies 2  
MDB337 Science Curriculum Studies 1  
MDB338 Science Curriculum Studies 2  
PUB312 Home Economics Curriculum Studies 1  
PUB322 Home Economics Curriculum Studies 2

**Research Pathway**

**Year 3, Semester 1**

3 x Discipline Studies (X/Y/Z)  
SPB002 Psychology of Learning and Teaching

**Year 3, Semester 2**

EDB410 Introduction to Research Methods in Education  
EDB451 Secondary Professional Practice 2: Curriculum Decision Making  
Curriculum Studies 1X (See List 2)  
Curriculum Studies 1Y (See List 2)

**Year 4, Semester 1**

EDB411 Dissertation  
EDB452 Secondary Professional Practice 3: The Inclusive Curriculum  
Curriculum Studies 2X (See List 2)  
Curriculum Studies 2Y (See List 2)

**Year 4, Semester 2**

CLB306 Understanding Educational Practices  
EDB411 Dissertation  
EDB453 Secondary Professional Practice 4: The Beginning Teacher  
EDB411 Dissertation

**Education Studies Elective Units**

**List 3**

CLB301 Powerful Teachers, Powerful Students  
CLB302 Identifying and Responding to Student Difference  
CLB346 Case Studies in Adult and Family Literacy  
CLB347 Teaching Students From Non-English Speaking Backgrounds  
CLB401 Cultural Diversity and Education  
CLB402 Issues in Indigenous Education  
CLB403 Gender and Sexuality Issues for Teachers
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<tr>
<td>EAB423</td>
<td>Museums: Places of Learning</td>
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<td>EDB440</td>
<td>Independent Study</td>
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<td>EDB443</td>
<td>Professional Internship of Associate Teaching</td>
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<td>Teaching in the Information Age</td>
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<tr>
<td>MDB381</td>
<td>Science and Technology in the Community and Workplace</td>
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<td>Teaching Children With Low Incidence Disabilities and Health Problems</td>
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<td>Teaching Exceptional Students</td>
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<td>SPB007</td>
<td>Human Sexuality and Learning</td>
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<td>Research Methods in Education</td>
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<td>SPB010</td>
<td>Education Law and the Beginning Teacher</td>
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<td>SPB011</td>
<td>Learning/teaching Environments</td>
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<td>SPB012</td>
<td>Classroom and Behaviour Management</td>
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<tr>
<td>SPB017</td>
<td>Classroom Management: Models and Practice</td>
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<td>Teaching Strategies</td>
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<td>SPB019</td>
<td>Introduction to Educational Administration</td>
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<td>Classroom Assessment Practices</td>
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**Curriculum Studies Electives**

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### Section Three – Course Information

#### Health

**Overview**

**Senior Staff**

**Research Centres**

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**Courses**

- Doctor of Health Science (HL90)
- Master of Applied Science (Research) (HL84)
- Master of Counselling (PY12)
- Master of Counselling Psychology (PY17)
- Master of Health Science (HL88)
- Master of Nursing (NS85)
- Master of Public Health (PU85)
- Graduate Diploma in Clinical Hypnosis (PY30)
- Graduate Diploma in Health Science (HL68)
- Graduate Diploma in Midwifery (NS68)
- Graduate Diploma in Nursing (NS64)
- Graduate Diploma in Occupational Health and Safety (PU65)
- Graduate Diploma in Psychology (PY08)
- Graduate Diploma in Public Health (PU60)
- Graduate Diploma in Road Safety (PY41)
- Post Graduate Diploma in Psychology (PY20)
- Graduate Certificate in Aged Care (NS39)
- Graduate Certificate in Cancer Nursing (NS31)
- Graduate Certificate in Clinical Hypnosis Practice (PY32)
- Graduate Certificate in Community Practice (NS34)
- Graduate Certificate in Emergency Care (NS41)
- Graduate Certificate in Environmental Health (PU32)
- Graduate Certificate in Health Promotion (PU39)
- Graduate Certificate in Health Science (HL38)
- Graduate Certificate in Human Movement Studies (Professional Studies) (HM30)
- Graduate Certificate in Intensive Care Nursing (NS30)
- Graduate Certificate in Medical/Surgical Nursing (NS33)
- Graduate Certificate in Paediatric, Child and Youth Health Nursing (NS35)
- Graduate Certificate in Road Safety (PY40)
- Graduate Certificate in Rugby Studies (HM34)
- Graduate Certificate in Sports Studies (HM38)
- Graduate Certificate in Women's Health (NS36)
- Bachelor of Applied Science (Honours) (HL52)
- Bachelor of Health Science (Honours) (HL55)
- Bachelor of Nursing (Honours) (HL50)
- Bachelor of Psychology (Honours) (PY09)
- Bachelor of Applied Science (Human Movement Studies) (HM42)
- Bachelor of Applied Science (Optometry) (OP42)
- Bachelor of Health Science (Environmental Health or Health, Safety and Environment) (PU40)
- Bachelor of Health Science (Health Information Management or Health Services Management) (PU40)
- Bachelor of Health Science (Nutrition and Dietetics) (PU43)
- Bachelor of Health Science (Nutrition and Dietetics) Bachelor of Applied Science (Human Movement Studies) (HL42)
- Bachelor of Health Science (Nutrition) (PU40)
- Bachelor of Health Science (Podiatry) (PU43)
- Bachelor of Health Science (Public Health) (PU40)
- Bachelor of Nursing (Post-registration Stream) (NS40)
- Bachelor of Nursing (Pre-Registration Graduate Entry Stream) (NS40)
- Bachelor of Nursing (Pre-registration Stream) (NS40)
- Bachelor of Nursing/Bachelor of Applied Science (in Human Movement Studies) (HL40)
- Bachelor of Nursing/Bachelor of Health Science (Public Health) (HL46)
- Bachelor of Psychology (PY07)
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 these areas plus other special fields such as health promotion, risk management, and health science.

Facility 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
- 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
Academic Adviser to the Dean: R. Nash, MHlthSc CSTurt, BA Qld, DipAppSc QUT, QFCNA
Research Adviser to the Dean: M. Capra, BSc MSc Syd, PhD Otago
Faculty Administration Manager: M. Rimland, BA Qld

Health Project Manager: C. Cliff, BSc ANU, PhD Keele, CChem, DipEnvStud Macq., GradDip OutdoorEd BCAE, GradDipBusAdmin

School of Human Movement Studies
Head: Professor A.W. Parker, MSc PhD Oregon, FASMF
Associate Professor: A.P. Hills, BEd Tax., MSc Oregon, PhD Qld

School of Nursing
Head: Associate Professor H.E. Edwards, DipApSc., BA (Hons), PhD, RN, FRCNA
Professor: M. Courtney, BAdmin(Acctg) Griff., MHP UNSW, PhD UNE, RN, FRCNA
Associate Professor: P. Yates, DipAppSc QIT, MScPhD Qld, FRCNA

School of Optometry
Head: Professor L.G. Carney, BAppSc MSc(Optom) PhD Melb., DSc QUT, LOSc, FAAO

Associate Professors:
D.A. Atchison, MSc(Optom) PhD Melb., Grad Cert Ed, FAAO
M. J. Collins, DipAppSc QIT, MAppSc, PhD, FAAO
J. E. Lovic-Kitchin, MSc(Optom) Melb., GradDipRehab LaT., LOSc, PhD, FAAO
P. G. Swann, BSc(Hons) Aston, MAAppSc, FCOptom, FAAO
HEALTH

J. M. Wood, BSc(Hons) PhD Aston, MCOptom, FAAO

School of Psychology and Counselling
Head: Professor M. Sheehan, BA(Hons) GradDip(Clinical Psych) Syd., PhD Qld
Associate Professors:
R. Schweitzer, BSc(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), MPsych PhD UNSW
Professor: B. Newman, BA UC Santa Cruz, MS UC Davis, PhD Berkeley
Associate Professors:
M.Capra, BSc MSc Syd, PhD Otago
S.Capra, BSc(Hons), DipNutDiet Syd, MSoSc Birm, PhD Qld
C. Patterson, MSc, PhD Qld, GradDipBusAdmin QUT
D.Stewart, BA(Hons) Durh, MA(Ed) Leic, PGCertEd Oxf., MPH UNSW, PhD Otago

RESEARCH CENTRES

Centre for Eye Research
The facilities of the Centre for Eye Research are unique in Queensland. The vision research they provide is an important resource for the community, industry, government and eye-care professions. The Centre fosters the postgraduate research of the School of Optometry and thus helps Australia’s vision scientists to develop their skills. Collaborative research has created a network linking the Centre and similar organisations within Australia and overseas. The Centre and its staff have established a high reputation internationally in vision research.
Research encompasses the applied, clinical and theoretical aspects of visual and ophthalmic science. Study of the functional and performance aspects of human vision is emphasised.
Among the current areas of investigation are:
- reading and mobility performance in patients with visual disabilities
- ageing, visual impairment and driving performance
- the design and optical performance of spectacles and contact lenses
- aberrations of the eye
- visual consequences of corneal abnormalities
- accommodation and mechanisms of presbyopia
- the genesis of refractive errors.
Director: Professor Leo Carney
Phone: +61 7 3864 5738

Centre for Nursing Research
The primary aim of the Centre for Nursing Research is to achieve better results for patients by promoting and advancing research-based nursing care. Centre staff have developed expertise in clinical nursing areas such as mental health care, aged care, healthcare ethics, pain management, oncology and women’s health. The Centre has a growing number of postgraduate research students.
Current research areas include:
- an evaluation of the rehabilitation of 300 former mental health patients in the community (Project 300)
- factors influencing the use of non-pharmacological pain therapy
- promoting models of best practice in nursing homes
- women’s health
- assessment of management of the side-effects of antipsychotic medication
- an evaluation of the impact of ambulatory rehabilitation programs on cancer patients and their families
- young people and eating issues.
Director: Professor Mary Courtney
Phone: +61 7 3864 3887

Centre for Public Health Research
The Centre for Public Health Research (CPhR) is dedicated to advancing public health knowledge and practice for the prevention of disease and disability and the promotion of health and well-being. Affiliated centres include the National Centre for Classification in Health and the Centre for Palliative Care Research and Education, both within the School of Public Health, and the Faculty’s Centre for Indigenous Health Education and Research. The CPhR has a strong postgraduate research training program and a dynamic and inclusive research culture, which reflect the staff’s diverse expertise and interests. The team of researchers includes social and behavioural scientists, epidemiologists, biostatisticians, and health professionals from a range of other specialist areas. Research is funded by competitive research grants and the health industry. Most local and international projects involve close cooperation with the target populations and collaboration with other institutions and agencies. General research areas include:
- Improving the health and well-being of children and adolescents, with particular emphasis on mental health and social well-being, sexual health, nutritional status, and school-based programs for health promotion.
- Understanding health inequalities in Australia, based on socio-economic status, rural/remote residence, Indigenous ancestry, gender, age, or migrant status.
- Preventing and managing chronic diseases and disabilities, including cancer, cardiovascular disease, diabetes, Parkinson’s disease, hepatitis C, asthma, and injuries.
- Promoting environmental health in occupational, recreational, and other settings and including long-term prospects related to global environmental change and sustainable development.
- Enhancing public health practice through workforce training and policy development that fosters the development, delivery, evaluation, and dissemination of innovative and effective public health interventions for the benefit of the community.
Director: Professor Beth Newman
Postgraduate Research Studies Director: Associate Professor Carla Patterson
Phone: +61 7 3864 5883

Centre for Accident Research and Road Safety - Queensland
CARRS-Q is an initiative of the Motor Accident Insurance Commission (MAIC) and funded by MAIC and QUT. It has an international advisory board, which includes leading Australian and overseas experts on crash prevention. Its board of management comprises members of QUT, RACQ, Queensland Transport, Queensland Insurance Commission, CONROD, Qld Police, Qld Health and MAI.
The key purposes of the Centre are to:
- foster excellence in collaborative research, by combining the efforts of University researchers and road safety professionals in the fields of accident research and injury prevention.
- undertake interdisciplinary consulting activities
- undertake interdisciplinary teaching, and to this end currently offers a Graduate Diploma and Graduate Certificate in Road Safety
- administer a large national competitive research scheme, The Road Accident Prevention and Road Safety Research Grant Scheme, which supports behavioural, medical engineering and community intervention studies.
To date, Centre staff have worked on road safety intervention education programs, rehabilitation programs, safety initiatives for
international travellers and drug and alcohol workplace awareness programs.

Director: Professor Mary Sheehan
Phone: +61 7 3864 4549

Centre for Rehabilitation Science and Engineering
This University Centre focuses the combined expertise of the Faculties of Built Environment and Engineering, Health and Science on rehabilitation issues. The Centre promotes and supports collaborative research and education in relation to rehabilitation of persons with physical disabilities, inherited or acquired through injury or disease. Staff have access to advanced state-of-the-art facilities established in the host faculties. The Centre has extensive links with health-related industries, non-governmental professional organisations, hospitals and clinicians in Australia and overseas.

Key capabilities:
• analytical mechanics
• experimental mechanics (including robot testing)
• ambulatory measurement of physical function
• functional analysis of external prostheses and orthoses
• analysis and design of implants with a physical function
• development and testing of bioactive and biotolerant materials and coatings
• telerehabilitation - helping bring rehabilitation to remote and rural communities.

Current major projects:
• tissue and joint mechanics; articular cartilage and acoustic emission
• implant fixation and detection of loosening
• spinal mechanics; mathematical modelling, imaging and robotic testing
• bioactive coatings on functionally graded implants
• functional loading on leg prostheses
• treatment of burn scar
• injury prevention in boats

Director: Professor John Evans
Phone: +61 7 3864 2933

Centre for Indigenous Health Education and Research
The Centre for Indigenous Health Education and Research is a Commonwealth-funded Centre jointly run by the Faculty of Health, QUT and The University of Queensland’s Indigenous Health Program and Department of Social and Preventive Medicine (Cairns). The aim of the centre is to empower Indigenous Australians to address Indigenous health problems. The Centre improves educational outcomes to create a more diversified university-trained Indigenous workforce through increasing the numbers of Indigenous postgraduate students, researchers and academics in health sciences. It also aims to increase educational opportunities for Indigenous Australians in undergraduate health science courses as well as increasing the understanding of Indigenous contexts and approaches to health. Additionally, the Centre builds research partnerships with communities, and develops new models of Indigenous health research incorporating Indigenous approaches to health and community.

QUT Coordinator: Dr Elizabeth Parker
Phone: +61 7 3864 3371

Research Concentration in Physical Activity and Disability
Research in the School of Human Movement Studies encompasses a wide range of disciplines and expertise that range from basic to applied science and involves joint research among clinicians and scientists within Australia and overseas. Physical activity and disability is studied from both specialised and multidisciplinary perspectives to benefit the community and patient groups. Affiliated Centres include the Centre for Rehabilitation Science and Engineering, the Centre for Rugby Studies, the Australian Paralympic Committee Sports Science Research Coordinating Centre, and the Faculty’s Centre for Indigenous Health Education and Research. Research expertise includes exercise physiology, anatomy, biomechanics, biomimetics, motor control, ergonomics, psychology, sociology, pedagogy, physical education, indigenous games, health and wellness, and behavioural science. The Research Concentration has strengthened and extended its research by forming extensive linkages with national and international professional groups as well as with local health organisations and health professionals. Research falls into three principal areas.

Injury Prevention
This research area encompasses injury in the workplace, sports, children and older people. The School has received NH&MRC funding for projects including prevention of injuries in older people, falls in older adults, and workplace injuries. Projects also investigate mechanisms of fatigue in elite performers and the effects of shiftwork on fatigue, sleep and work performance.

Self-management of Chronic Conditions
This research includes development and evaluation of interventions to assist adults with a variety of chronic conditions (eg diabetes, heart disease, arthritis) to make lifestyle changes relevant to disease management. Projects also focus on the effects of both exercise and training programs in a variety of populations including cancer patients and the elderly.

Physical Activity, Health and Wellness
Priority research for this area includes measurement of daily physical activity in children; evaluation of physical activity using three-dimensional accelerometer technology with populations with a chronic disease; a multi-component, community-based intervention to promote physical activity among adults; development and evaluation of physical activity promotion in the general practice setting; and establishment of effective worksite wellness programs.

Within these areas there are disciplinary fields which provide expertise across a number of projects. These include:

Cardiovascular, Respiratory, Exercise Physiology
Interests in the area include research into exercise and muscle metabolism; physiological response to stress; vascular physiology; and assessment of training, performance and rehabilitation. Laboratory facilities enable measurement and analysis of various cardiorespiratory functions including forced expiratory volume; blood flow; pulmonary gas analysis; venous occlusion; and body temperature.

Energy Metabolism and Nutrition
A state-of-the-art mass spectrometer is available to investigate the fundamental aspects of human energy metabolism and nutrition. Interests in the area encompass the nutritional requirements of athletic populations, energy metabolism in chronic disease states such as obesity, and the relationship between physical activity levels in children and adolescents and predisposition to cardiovascular disease.

Musculo-skeletal and Biomechanics
Research into the effects of disuse and compensatory use on both skeletal and muscular structures in patients with transfemoral or transtibial amputation; analysis of musculo-skeletal injury among dancers; development of safe and practical techniques to measure low-frequency mechanical shocks and vibrations in the musculo-skeletal system during normal activity; non-invasive diagnostic techniques for natural joint pathology and loosening in artificial joints.

Neurological and Motor Control
Projects focus on the mechanisms of movement control, learning and coordination in health and disease. Research ranges from studies of Parkinson’s Disease, ageing and children with development coordination disorder, to research in proprioception,
visuomotor adaptation, and the control of balance. Various specialised sensory and movement-recording techniques are used.

**Clinical Activities**

A key aspect of the research is the interface provided through the School of Human Movement Studies Clinic. This provides a venue for interactions with neurologists, physicians, exercise physiologists and therapists and for the assessment and rehabilitation of clinical populations.

The School of Human Movement Studies Clinic encompasses areas of weight management and exercise, motor development, movement disorders, and corporate fitness and health-related appraisal. The School’s clinical gait facility is used to support projects on gait disorders and problems experienced by people after motor accidents. A falls and balance assessment clinic has been established in conjunction with the Prince of Wales Medical Research Institute. The School has a commitment to the provision of physical activity programs for children.

*Director:* Dr Graham Kerr  
*Phone:* +61 7 3864 5542

**Centre for Rugby Studies**

The Centre for Rugby Studies is an initiative of the Queensland University of Technology (QUT) with support from the Australian Rugby Union (ARU) and Queensland Rugby Union (QRU), and is located within the School of Human Movement Studies. The Centre provides an opportunity for collaborative projects to satisfy identified needs and enhance the sport of Rugby, both nationally and internationally. The Centre, in consultation with the QRU and the ARU, builds on existing research links and will establish further priority areas for research and consultancy as opportunities present themselves. These activities range across undergraduate and postgraduate research, student projects and the development and maintenance of databases relevant to Rugby and the Centre. Personnel involved in initiating and coordinating this research are QUT staff whose expertise ranges widely across disciplines such as exercise, sports science, pedagogy, sports medicine, and rehabilitation.

Topic areas, which contribute to the Centre’s research profile, include:
- player profiling
- sports psychology
- talent identification injury prevention, treatment and rehabilitation
- coach education and strategies
- fitness development and evaluation
- training
- biomechanical skills
- evaluation of educational initiatives
- officiating
- selection policy and procedures
- sponsorship and promotion
- administration of clubs and teams
- marketing and management
- socio-cultural aspects, history, economic impact, competition equipment and facilities
- rugby juniors and schools
- educational resourcing of schools

*Director:* Mr David Keating  
*Phone:* +61 7 3864 5854
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 Sandra Capra

Major Study Areas
Health Services Management and Policy Sciences;
Nursing; Occupational and Environmental Health Sciences; and
Public Health.

Entry requirements
Applicants should hold a four-year degree or its equivalent with Honours I or Honours II A or its equivalent from QUT or another recognised institution, and two years practice in a position of professional responsibility appropriate to the proposed course of study.

If, in the Dean’s opinion the candidate has not completed substantial professional practice, then the candidate will be required to gain substantial professional experience during the course of the doctorate.

Enrolment Procedure
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 will fully articulate with the Master of Health Science and students 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. Should a student wish to exit prior to completion of the program they may be eligible to receive the award of Master of Health Science if this has not previously been awarded.

Course Structure
Students undertake 96 credit points of coursework units and 192 research portfolio credit points. The coursework must be completed before proceeding to the research component. Students will be able to choose from the major study areas listed above. To achieve the appropriate advanced levels students must:

a) choose one of the major study areas listed above
b) complete four (4) units from this major study area (at least two units must be from List B)
c) complete two (2) units in research methods

d) complete two (2) approved elective units from either List A or B.

Full-time Course Structure

Year 1, Semester 1
Core unit in Research Methods
Core unit in Research Methods
Major Study 1
Major Study 2

Year 1, Semester 2
Major Study 3
Major Study 4
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
Core unit in Research Methods
Major Study 1

Year 1, Semester 2
Major Study 2
Elective unit

Year 2, Semester 1
Core unit in Research Methods
Major Study 3

Year 2, Semester 2
Major Study 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 Units and Major Study Areas

Research Units
Two units must be completed from the following list:
PUN105 Health Statistics
HLN405 Qualitative Research
HLN705 Introduction to Quantitative Research Methods
HLN706 Advanced Quantitative Research Methods
Note: students who have completed PUB316 (or equivalent) are ineligible to undertake HLN705.

Major Study Areas
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
PUR200 Emerging Issues in Public Health
PUR201 Advanced Professional Studies
PUN615 Advanced Health Service Management

HLN701 Independent Study

Public Health
List A

PUN103 Advanced Epidemiology
PUP035 Health Promotion Strategies and Evaluation
PUN614 Health Promoting Schools

List B
PUR200 Emerging Issues in Public Health
PUR201 Advanced Professional Studies
PUP034 Advanced Studies and Practice in Health Promotion

HLN701 Independent Study
Occupational and Environmental Health Sciences

List A
PUN008 Rick Management: Identification and Assessment Procedures
PUN617 Environmental Health Management
PUN619 Environment and Health
PUP415 Occupational Health
PUN302 Determinants of Workplace Injury and Disease

List B
PUN009 Risk Treatment
PUR200 Emerging Issues in Public Health
PUR201 Advanced Professional Studies
HLN701 Independent Study
PUP250 Occupational Hygiene

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
Course duration (full-time): 1-2 years
Course duration (part-time): 2-4 years
Course coordinator: Ms Pat Smith

Entry requirements
A Bachelor degree in Health Science, Applied Science or other approved degree from the Queensland University of Technology, or an equivalent qualification, or submission of such other evidence of qualifications as will satisfy the academic board that the applicant possesses the capacity to pursue the course of study. Applications for admission should set out fully the intended course of study. If students are admitted as a provisional candidate, they will be required to submit a detailed research proposal at the end of the first year of candidacy. This proposal 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.

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 or Research Centres. 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

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
PYN005 Research Methods and Issues
PYN013 Advanced Counselling Studies

Year 3, Semester 1
PYN007 Professional Studies 3
PYN008/1 Project

Year 3, Semester 2
PYN008/2 Project
PYN008/3 Project

■ Master of Counselling Psychology (PY17)

Award title: Master of Counselling Psychology
Location: Carseldine
Course duration (part-time): 8 semesters
Total credit points: 192
Course coordinator: Prof Robert Schweitzer

Course Structure

Year 1, Semester 1
PYN026 Advanced Counselling Psychology 1
PYN027 Advanced Psychological Assessment

Year 1, Semester 2
PYN029 Advanced Counselling Psychology 2
PYN030 Ethical, Legal and Supervision Issues in Counselling Psychology

Year 2, Semester 1
PYN035 Supervised Practicum Elective

Year 2, Semester 2
PYN036 Supervised Practicum 2 Elective

Year 3, Semester 1
PYB454 The Logic of Social Inquiry
PYN031/1 Research Thesis

Year 3, Semester 2
PYN031/2 Research Thesis
PYN031/3 Research Thesis

Year 4, Semester 1
PYN031/4 Research Thesis
PYN037 Supervised Practicum 3

Year 4, Semester 2
PYN038 Supervised Practicum 4 Elective
Unit Selection Information for HL88 Master of Health Science

The course consists of at least eight (8) Health Science units offered from within the Schools within the Faculty of Health. The remaining four units can be taken as four elective units either from within the Faculty (List A - Major Areas of Study) or as research units (Additional List A), or from an approved suite from other faculties (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.

List A - Major Areas of Study

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.

Aged Care

NSN821 Key Issues in Aged Care
NSN801 Health Assessment in Aged Care
NSN822 Principles of Aged Care Practice
NSN626 Dementia and Family Care

Environmental Health

PUBS15 Environmental Toxicology
PUN619 Environment and Health
PUN620 Concepts of Environmental Health
PUN617 Environmental Health Management

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
PUP036 Concepts and Settings for Health Promotion
PUP034 Advanced Studies and Practice in Health Promotion
PUP035 Health Promotion Strategies and Evaluation
PUN614 Health Promoting Schools

Occupational Health and Safety

PUP116 Ergonomics
PUN301 Occupational Health and Safety Law and Management
PUN302 Determinants of Workplace Injury and Disease
PUP415 Occupational Health

MEP201 Safety Technology and Practice
PUP250 Occupational Hygiene

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
HMN205 Health Education Curriculum Across the School Years
HMN203 Application of the Sciences to Teaching and Learning in Physical Education and Sport
HMN206 Designing Physical Activity Experiences for Special Populations

PUN620 Concepts of Environmental Health

Risk Management

PUN001 Contemporary Risk Management
PUN008 Rick Management: Identification and Assessment Procedures
complete their program by internal or external mode. Students in
For all majors except for mental health nursing, students may
within the University for which the student has the necessary
units may be selected from any postgraduate level units offered
credit points of the Graduate Diploma in Nursing, and can then
major in Professional Studies will be required to complete the 96
credit points of the Graduate Diploma in Nursing units relevant to
major. These 24 credit points can be undertaken
remaining 48 credit points at the masters level in units also
credit points of the Graduate Diploma in Nursing (except Professional Studies) will be required to complete the 96
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 PLUS at least 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.

A one year full-time program may be negotiated if students undertake a thesis.

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).

Elective Lists
List A (Semester 1)
- HLN705 Introduction to Quantitative Research Methods
- HLN706 Advanced Quantitative Research Methods
- HLN405 Qualitative Research
- NSN721 Key Issues in Acute and Critical 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
- NSN622 Contexts of Community Practice
- NSN624 Collaborative Practice in the Community
- NSN517 Women’s Health Issues
- NSN508 Advanced Readings in Nursing

*Students studying Key Issues in Acute and Critical Care Nursing must be working at 0.6FTE 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.

List B (Semester 2)
- HLN705 Introduction to Quantitative Research Methods
- HLN706 Advanced Quantitative Research Methods
- HLN405 Qualitative Research
- NSN508 Advanced Readings in Nursing
- NSN509 Special Topic
- NSN725 Specialisation in Critical Care Nursing
- NSN724 Specialisation in Medical/Surgical and Cancer Nursing
- NSN006 Specialisation in Paediatric, Child and Youth Health Nursing
- NSN626 Dementia and Family Care
- NSN625 Project Management for Community Practice
- NSN516 Sexual Reproductive Health
- NSN523 Clinical Studies
- NSN522 Principles of Acute and Critical Care Nursing

In selected modules, students studying Principles of Acute and Critical Care Nursing, Specialisation in Critical Care Nursing, Specialisation in Medical/Surgical and Cancer Nursing or Specialisation in Paediatric and Child Health Nursing must be working in a practice setting relevant to the areas of study, or be willing to undertake additional clinical experiences to be able to undertake this unit. Contact the Course Coordinator for further information.

Master of Public Health (PU85)

Award title: Master of Public Health
CRICOS code: 009029C
Location: Kelvin Grove
Course duration (full-time): 1.5 years
Course duration (part-time): 3 years
Total credit points: 144
Course coordinator: Assoc. Prof. Don Stewart

Entry requirements
Students come from many health-related fields, but should have a recognised degree in health, behavioural, social or biological science and not less than two years relevant full-time professional experience.

Accepted degrees would include: a four-year degree with first or second class honours; a three-year degree plus relevant postgraduate diploma.

Admission on the basis of professional experience and/or research work will be considered.

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, four elective units selected from a specialised stream, and a dissertation under the guidance of a supervisor.

Course rules are available in the PU85 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

Course Structure

Full-time students in the program undertake a coursework component for two semesters (or four semesters part-time - two units per semester) followed by a dissertation component of one semester (or two semesters part-time). The coursework comprises four core units and four advanced elective units. Elective units will normally be selected according to choice of a stream of study.

Part A - Core Units
- PUN105 Health Statistics
- PUN602 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
- PUN418 Introduction to Financial Risk Management
- MEP201 Safety Technology and Practice
- PUN601 Contemporary Risk Management
- PUN608 Risk Management: Identification and Assessment Procedures
- PUN609 Risk Treatment
- PUN301 Occupational Health and Safety Law and Management
- PUN302 Determinants of Workplace Injury and Disease
- PUN617 Environmental Health Management
- PUN619 Environment and Health
- PUN620 Concepts of Environmental Health
- PUP116 Ergonomics
- PUP250 Occupational Hygiene
- PUP415 Occupational Health

Health Promotion
- PUN614 Health Promoting Schools
- PUP30 Intervention Design and Theories of Change
- PUP304 Advanced Studies and Practice in Health Promotion
- PUP305 Health Promotion Strategies and Evaluation
- PUP306 Concepts and Settings for Health Promotion

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)

Part C - Dissertation

The dissertation is equivalent to an honours dissertation in type and scope and is expected to be between 10,000 and 20,000 words in length.

HLN700 Thesis
- HLN750 Thesis
Graduate Diploma in Clinical Hypnosis (PY30)

Award title: Graduate Diploma in Clinical Hypnosis
CRICOS code: 036435J
Location: Carseldine
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
Year 1, Semester 1
PYP300 Clinical Hypnosis: Foundations in Theory and Practice
PYP304 Foundations of Effective Clinical Research in Hypnosis
Year 1, Semester 2
PYP301 Hypnosis: Processes and Techniques
PYP306/1 Dissertation: Clinical Research Review
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
Total credit points: 96
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Assoc Prof Sandra Capra

Majors
Majors are offered in the following areas: Environmental Health, Health Services Management, Health Promotion, Risk Management, Sports Studies, Physical and Health Education, Women’s Health, Aged Care and Cross Specialisation. To complete a major, students must complete at least four units from the same discipline area from within the Faculty of Health.

Course Requirements
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.

Full-time Course Structure
Year 1, Semester 1
Select four units from List A
(refer Master of Health Science HL68)
Year 1, Semester 2
Select four units from List A
(refer Master of Health Science HL68)

Part-time Course Structure
Year 1, Semester 1
Select two units from List A
(refer Master of Health Science HL68)
Year 1, Semester 2
Select two units from List A
(refer Master of Health Science HL68)
Year 2, Semester 1
Select two units from List A
(refer Master of Health Science HL68)
Year 2, Semester 2
Select two units from List A
(refer Master of Health Science HL68)

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
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 Key Issues in Midwifery Practice
NSN307 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
NSN316 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 Key Issues in Midwifery Practice
NSN321 Foundations of Midwifery Practice
Year 1, Semester 2
NSN322 Complex Issues for Childbearing Families
NSN316 Sexual Reproductive Health
AND select ONE of either:
HLN405 Qualitative Research
HLN705 Introduction to Quantitative Research Methods
HLN706 Advanced Quantitative Research Methods
Year 2, Semester 2
NSN323 Clinical Studies in Midwifery
AND Select ONE of either:
NSN509 Special Topic
OR Elective

Elective list
HLN405 Qualitative Research
NSN006 Specialisation in Paediatric, Child and Youth Health Nursing
NSN302 Critical Inquiry in Health Care
NSN308 Advanced Readings in Nursing
NSN315 Clinical Leadership and Management
NSN624 Collaborative Practice in the Community
# Students studying this unit 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
HLN405 Qualitative Research
OR
HLN705 Introduction to Quantitative Research Methods
OR
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
NSN507 Contemporary Practice Issues
HLN405 Qualitative Research
OR
HLN705 Introduction to Quantitative Research Methods
OR
HLN706 Advanced Quantitative Research Methods

Community Practice

Full-time Course Structure

Semester 1
NSN622 Contexts of Community Practice
NSN624 Collaborative Practice in the Community
NSN701 Advanced Health Assessment
OR
NSN801 Health Assessment in Aged Care
Elective (List A)
OR
Any other 12 credit point postgraduate unit for which the student has the necessary prerequisites

Semester 2
NSN625 Project Management for Community Practice
NSN623 Leadership and Management in the Community
HLN405 Qualitative Research
OR
HLN705 Introduction to Quantitative Research Methods
OR
HLN706 Advanced Quantitative Research Methods

Part-time Course Structure

Semester 1
NSN622 Contexts of Community Practice
NSN624 Collaborative Practice in the Community

Semester 2
NSN625 Project Management for Community Practice
Elective (List B)

Semester 3
NSN701 Advanced Health Assessment
OR
NSN801 Health Assessment in Aged Care
Elective (List A)
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
HLN405 Qualitative Research
OR
HLN705 Introduction to Quantitative Research Methods
OR
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
HLN405 Qualitative Research
OR
HLN705 Introduction to Quantitative Research Methods
OR
HLN706 Advanced Quantitative Research Methods

Mental Health

Full-time Course Structure

Semester 1
NSN901 Mental Health Assessment
NSN721 Key Issues in Acute and Critical Care Nursing
NSN507 Contemporary Practice Issues
HLN405 Qualitative Research
OR
HLN705 Introduction to Quantitative Research Methods
OR
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 Acute and Critical Care Nursing

Semester 2
NSN922 Community Perspectives in Mental Health Nursing
NSN523 Clinical Studies

Semester 3
NSN507 Contemporary Practice Issues
Professional Studies

**Full-time Course Structure**

**Semester 1**
- NSN507 Contemporary Practice Issues
- HLN405 Qualitative Research
- OR
- HLN705 Introduction to Quantitative Research Methods
- OR
- HLN706 Advanced Quantitative Research Methods

**Semester 2**
- NSN515 Clinical Leadership and Management
- NSN502 Critical Inquiry in Health Care
- OR
- Elective (List B)
- 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
- HLN405 Qualitative Research
- OR
- HLN705 Introduction to Quantitative Research Methods
- OR
- 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
- HLN405 Qualitative Research
- OR
- HLN705 Introduction to Quantitative Research Methods
- OR
- HLN706 Advanced Quantitative Research Methods

**Semester 2**
- NSN004 Acute Paediatric Nursing
- NSN005 Community Child and Youth Health 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**
- NSN002 Key Issues in Child and Youth Health Nursing
- NSN003 Principles of Paediatric, Child and Youth Health Nursing
- NSN507 Contemporary Practice Issues
- HLN405 Qualitative Research
- OR
- HLN705 Introduction to Quantitative Research Methods
- OR
- HLN706 Advanced Quantitative Research Methods

**Intensive Care Nursing, Medical/Surgical Nursing, and Cancer Nursing**

**Full-time Structure**

**Semester 1**
- NSN701 Advanced Health Assessment
- NSN507 Contemporary Practice Issues
- NSN721 Key Issues in Acute and Critical Care Nursing
- HLN405 Qualitative Research
- OR
- HLN705 Introduction to Quantitative Research Methods
- OR
- HLN706 Advanced Quantitative Research Methods

**Semester 2**
- NSN722 Principles of Acute and Critical 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 Acute and Critical Care Nursing

**Semester 2**
- NSN722 Principles of Acute and Critical Care 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**
- NSN515 Clinical Leadership and Management
- Elective (List B)
- OR
- Any other 12 credit point postgraduate unit for which the student has the necessary prerequisites

**Elective Lists**

**List A (Semester 1)**
- HLN705 Introduction to Quantitative Research Methods
- HLN706 Advanced Quantitative Research Methods
- HLN405 Qualitative Research
- NSN721 Key Issues in Acute and Critical 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
- NSN622 Contexts of Community Practice
- NSN624 Collaborative Practice in the Community
- NSN517 Women’s Health Issues
- NSN508 Advanced Readings in Nursing

*Students studying Key Issues in Acute and Critical Care Nursing must be working at 0.6FTE in a Critical Care, Medical/Surgical or Cancer Care Setting, or be required to...*
Graduate Diploma in Occupational Health and Safety (PU65)

**Award title:** Graduate Diploma in Occupational Health and Safety  
**CRICOS code:** 020307D  
**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  
**Course coordinator:** Assoc Prof Sandra Capra

### Full-time Course Structure

**Year 1, Semester 1**
- MEP201 Safety Technology and Practice  
- PUN301 Occupational Health and Safety Law and Management  
- PUN302 Determinants of Workplace Injury and Disease  
- PUP415 Occupational Health  

**Year 1, Semester 2**
- PUN001 Contemporary Risk Management  
- PUP116 Ergonomics  
- PUP250 Occupational Hygiene  
- PUN008 Risk Management: Identification and Assessment Procedures  
- PUP511 Occupational Health Management

### Part-time Course Structure

**Year 1, Semester 1**
- PUN301 Occupational Health and Safety Law and Management  
- MEP201 Safety Technology and Practice  

**Year 1, Semester 2**
- PUP116 Ergonomics  
- PUN001 Contemporary Risk Management  

**Year 2, Semester 1**
- PUN302 Determinants of Workplace Injury and Disease  
- PUP415 Occupational Health  

**Year 2, Semester 2**
- PUP250 Occupational Hygiene  
- PUN008 Risk Management: Identification and Assessment Procedures  
- PUP511 Occupational Health Management  

Graduate Diploma in Public Health (PU60)

**Award title:** Graduate Diploma in Public Health  
**CRICOS code:** 020306E  
**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 Don Stewart

### 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

Refer to Master of Public Health (PU85). Full-time students in the program undertake a coursework component for two semesters (or four semesters part-time - two
units per semester). The coursework comprises four core units and four advanced elective units. Elective units will normally be selected according to choice of a stream of study.

Part A - Core Units
PUN105 Health Statistics
PUN692 Health Care Delivery Systems
PUN702 Social and Behavioural Determinants of Health
PUN743 Introduction to Epidemiology

Part B - Advanced elective units offered by QUT
Health Services Management and Policy Sciences
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 Management: Identification and Assessment Procedures
PUN009 Risk Treatment
PUN301 Occupational Health and Safety Law and Management
PUN302 Determinants of Workplace Injury and Disease
PUN617 Environmental Health Management
PUN619 Environment and Health
PUN620 Concepts of Environmental Health
PUP116 Ergonomics
PUP250 Occupational Hygiene
PUP415 Occupational Health

Health Promotion
PUN614 Health Promoting Schools
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

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 either in a semester block, 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
PYP402 Traffic Psychology and Behaviour
CEP127 Road and Safety Engineering
Year 1, Semester 2
PYP404 Applying Traffic Psychology
PYP405 Road Safety Evaluation Models
CEP151 Road Safety Audit

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
CEP151 Road Safety Audit

* This unit is conducted jointly by QUT and Main Roads and may be offered at other times of the year, subject to demand.

Consideration will be given to offering core or elective units in block mode, as demand warrants.

- Post Graduate Diploma in Psychology (PY20)
Award title: Post Graduate Diploma in Psychology
CRICOS code: 034714G
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
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Dr Renata Meuter

Full-time Course Structure
Year 1, Semester 1
PYB450/1 Research Thesis
Plus ONE research methods unit selected from the following options:
PYB462 Survey Methods
PYB401 Advanced Research Methods
PYB454 The Logic of Social Inquiry
Plus TWO advanced psychology units selected from the following options:
PYB402 Counselling Psychology
PYB403 Cognitive Neuropsychology
PYB404 Advanced Social and Developmental Psychology
PYB405 Advanced Organisational Psychology

Year 1, Semester 2
PYB407 Research and Professional Development Seminar
PYB450/2 Research Thesis
PYB450/3 Research Thesis
Plus ONE cognate elective selected from a list approved by the course coordinator.

Part-Time Course Structure
Please contact the Course Coordinator via the School of Psychology and Counselling, Telephone (07) 3864 4625, for advice on nominating a part-time course load.

- Graduate Certificate in Aged Care (NS39)
Award title: Graduate Certificate in Aged Care
Location: Kelvin Grove
Course duration (part-time): 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.

The Graduate Certificate in Aged Care has full articulation with the Graduate Diploma in Nursing and the Master of Nursing, and the Graduate Diploma in Health Science and Master of Health Science.
This course can also be commenced Mid-Year.

**Part-time Course Structure**

**Year 1, Semester 1**
- NSN801 Health Assessment in Aged Care
- NSN821 Key Issues in Aged Care

**Year 1, Semester 2**
- NSN822 Principles of Aged Care Practice
- Elective OR
  - Any other 12 credit point postgraduate unit offered by the Faculty of Health for which the student has the necessary pre-requisites.

**Elective List**
- HLN405 Qualitative Research
- NSN509 Special Topic
- NSN516 Sexual Reproductive Health
- NSN624 Collaborative Practice in the Community
- NSN625 Project Management for Community Practice
- NSN626 Dementia and Family Care

# 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  
**Course duration (part-time):** 2 semesters  
**Total credit points:** 48  
**Standard credit points per semester (part-time):** 24  
**Course coordinator:** Debra Anderson  
**Discipline coordinator:** Patsy Yates

**Articulation**  
All units successfully completed may be credited towards NS64 Graduate Diploma of Nursing or NS85 Master of Nursing.

**Part-time Course Structure**

**Year 1, Semester 1**
- NSN701 Advanced Health Assessment  
- NSN721 Key Issues in Acute and Critical Care Nursing

**Year 1, Semester 2**
- NSN722 Principles of Acute and Critical Care Nursing  
- NSN723 Specialisation in Critical Care Nursing
- 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):** 4 semesters  
**Total credit points:** 48  
**Course coordinator:** Dr Kathryn Gow

**Course Structure**

**Year 1, Semester 1**
- PYP300 Clinical Hypnosis: Foundations in Theory and Practice

**Year 1, Semester 2**
- PYP301 Hypnosis: Processes and Techniques

**Year 2, Semester 1**
- PYP307 Clinical Case Supervision (Group and Individual)

**Year 2, Semester 2**
- PYP302 Clinical Applications of Hypnosis: General and Discipline-Based

**Graduate Certificate in Community Practice (NS34)**

**Award title:** Graduate Certificate in Community Practice  
**Location:** Kelvin Grove  
**Course duration (part-time):** 2 semesters  
**Total credit points:** 48  
**Standard credit points per semester (part-time):** 24  
**Course coordinator:** Dr Debra Anderson

**Course Requirements**

The Graduate Certificate in Community Practice has full articulation with the Graduate Diploma in Nursing and the 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**
- NSN622 Contexts of Community Practice  
- NSN624 Collaborative Practice in the Community

**Year 1, Semester 2**
- NSN625 Project Management for Community Practice  
- Elective (List B)

**Electives (List B)**
- HLN705 Introduction to Quantitative Research Methods  
- HLN706 Advanced Quantitative Research Methods  
- 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
- NSN006 Specialisation in Paediatric, Child and Youth Health Nursing
- NSN626 Dementia and Family Care
- NSN625 Project Management for Community Practice
- NSN516 Sexual Reproductive Health
- NSN502 Critical Inquiry in Health Care
- NSN523 Clinical Studies
- NSN722 Principles of Acute and Critical Care Nursing

**Graduate Certificate in Emergency Nursing (NS41)**

**Award title:** Graduate Certificate in Emergency Nursing  
**Location:** Kelvin Grove  
**Course duration (part-time):** 2 semesters  
**Total credit points:** 48  
**Standard credit points per semester (part-time):** 24  
**Course coordinator:** Dr Debra Anderson

**Articulation**  
All units successfully completed may be credited towards NS64 Graduate Diploma of Nursing or NS85 Master of Nursing.

**Entry Requirements**

Students must:
- be eligible for registration as a nurse with the Queensland Nursing Council
- have gained a degree in nursing (or equivalent) from a recognised institution
- have completed the Queensland Health Transition to Emergency Nursing Program (or its equivalent) within the past three years, and
- normally have at least one year of appropriate post-registration clinical experience.

Candidates who are not employed in a clinical setting relevant to their program may be required to undertake additional supernumerary clinical experiences to meet the requirements of the course.

**Course Design**

The Graduate Certificate comprises 48 credit points made up of 24 credit points advanced standing from accredited programs, plus 24 credit points from units offered by the School of Nursing.
■ 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: Assoc Prof Sandra Capra

Part-time Course Structure
Semester 1
PUB515 Environmental Toxicology
PUN620 Concepts of Environmental Health
Semester 2
PUN617 Environmental Health Management
PUN619 Environment and Health

■ Graduate Certificate in Health Promotion (PU39)
Award title: Graduate Certificate in Health Promotion
Location: Kelvin Grove
Course duration (part-time): 2 semesters
Total credit points: 48
Standard credit points per semester (part-time): 24
Course coordinator: Assoc Prof Sandra Capra

Part-time Course Structure
Year 1, Semester 1
PUP032 Intervention Design and Theories of Change
PUN036 Concepts and Settings for Health Promotion
Year 1, Semester 2
PUP034 Advanced Studies and Practice in Health Promotion
AND
PUN614 Health Promoting Schools
OR
PUP035 Health Promotion Strategies and Evaluation

■ Graduate Certificate in Health Science (HL38)
Award title: Graduate Certificate in Health Science (Study Area A)
CRICOS code: 027285D
Location: Kelvin Grove
Course duration (part-time): 2 semesters
Total credit points: 48
Standard credit points per semester (part-time): 24
Course coordinator: Assoc Prof Sandra Capra

Full-time Course Structure
Year 1, Semester 1 or 2
Select four units from List A
See Master of Health Science (HL88)

Part-time Course Structure
Year 1, Semester 1
Select two units from List A
See Master of Health Science (HL88)
Year 1, Semester 2
Select two units from List A
See Master of Health Science (HL88)

■ 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: Assoc Prof Sandra Capra

Part-time Course Structure
Year 1, Semester 1
PUN692 Health Care Delivery Systems
AND
PUB511 Health Policy, Planning and Evaluation
OR
PUB514 Contract/project Management
Year 1, Semester 2
PUN601 Contemporary Health Policies
OR
PUN608 Health Economics
AND
PUB609 Health Resource Allocation
OR
PUN610 Health Services Management

■ Graduate Certificate in Human Movement Studies (Professional Studies) (HM30)
Award title: Graduate Certificate in Human Movement Studies (Professional Studies)
Location: Kelvin Grove
Course duration (part-time): 2 semesters
Total credit points: 48
Standard credit points per semester (part-time): 24
Course coordinator: Dr Graham Costin

Entry requirements
An appropriate Bachelor degree in Human Movement Studies, or equivalent; or other qualifications; or appropriate work experience acceptable to the Dean. Requests for credit transfer and advanced standing will be considered.

Course Structure
Semester 1
HMB470 Practicum 1
HMB475/1 Practicum 2
Semester 2
HMB475/2 Practicum 2
HMB475/3 Practicum 2

■ Graduate Certificate in Intensive Care Nursing (NS30)
Award title: Graduate Certificate in Intensive Care Nursing
Location: Kelvin Grove
Course duration (part-time): 2 semesters
Total credit points: 48
Standard credit points per semester (part-time): 24
Course coordinator: Dr Debra Anderson

Course Requirements
The Graduate Certificate in Intensive Care Nursing has full articulation with the Graduate Diploma in Nursing and the Master of Nursing programs.

The course can be undertaken by internal or external mode. Mid-year entry is not available in this course.

Part-time Course Structure
Year 1, Semester 1
NSN701 Advanced Health Assessment
NSN721 Key Issues in Acute and Critical Care Nursing
Year 1, Semester 2
NSN722 Principles of Acute and Critical Care Nursing
NSN723 Specialisation in Critical Care Nursing
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
Total credit points: 48
Standard credit points per semester (part-time): 24
Course coordinator: Dr Debra Anderson

Course Requirements
The Graduate Certificate in Medical/Surgical Nursing has full articulation with the Graduate Diploma in Nursing and the 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
NSN721 Key Issues in Acute and Critical Care Nursing
Year 1, Semester 2
NSN722 Principles of Acute and Critical Care Nursing
NSN723 Specialisation in Critical Care Nursing
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
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. The Graduate Certificate in Paediatric, Child and Youth Health Nursing has full articulation with the Graduate Diploma in Nursing and the Master of Nursing programs.

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
NSN004 Acute Paediatric Nursing
NSN005 Community Child and Youth Health Nursing
NSN006 Specialisation in Paediatric, Child and Youth Health Nursing

Graduate Certificate in Road Safety (PY40)
Award title: Graduate Certificate in Road Safety
CRICOS code: 040334B
Location: Gardens Point and Carseldine
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 either in a semester block, or in a series of weekends, or as an intensive week-long offering.

Year 1, Semester 1
PYP401 Introduction to Road Safety
PYP402 Traffic Psychology and Behaviour
CEP127 Road and Traffic Engineering
Year 1, Semester 2
PYP406 Road Safety Theory to Practice

Graduate Certificate in Rugby Studies (HM34)
Award title: Graduate Certificate in Rugby Studies
Location: Kelvin Grove
Course duration (part-time): 2 semesters
Total credit points: 48
Standard credit points per semester (part-time): 24
Course coordinator: Dr Graham Costin

Entry Requirements
Applicants must hold an appropriate Bachelor degree in Human Movement Studies, Exercise and Sports Science, Physical Education or equivalent.

Other qualifications and/or at least 5 years of full-time work experience acceptable to the Dean will also be considered, as will requests for credit transfer and advanced standing.

Articulation
The Graduate Certificate in Rugby Studies will articulate fully with the Graduate Diploma in Health Science and the Master of Health Science degrees.

Part-time Course Structure
Semester 1
HMP389 Assessment in Sport
HMP385 Sport Practicum
Semester 2
HMP380 Sport Across the Lifespan
HMP383 Sport Studies Project

Graduate Certificate in Sports Studies (HM38)
Award title: Graduate Certificate in Sports Studies
Location: Kelvin Grove
Course duration (part-time): 2 semesters
Total credit points: 48
Standard credit points per semester (part-time): 24
Course coordinator: Dr Graham Costin

Entry Requirements
An appropriate Bachelor degree in Human Movement Studies, or equivalent; or other qualifications or appropriate work experience acceptable to the Dean.

Requests for credit transfer and advanced standing will be considered.

Part-time Course Structure
Semester 1
HMP385 Sport Practicum
HMP389 Assessment in Sport
Semester 2
HMP380 Sport Across the Lifespan
HMP383 Sport Studies Project
Graduate Certificate in Women’s Health (NS36)

Award title: Graduate Certificate in Women’s 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 Debra Anderson

Course Requirements
The Graduate Certificate in Women’s Health has full articulation with the Graduate Diploma in Nursing and the Master of Nursing, and the Graduate Diploma in health Science and 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
HLN706 Introduction to Quantitative Research Methods
NSN002 Key Issues in Child and Youth Health Nursing
NSN508 Advanced Readings in Nursing
NSN622 Contexts of Community Practice
NSN701 Advanced Health Assessment
NSN721 Key Issues in Acute and Critical Care Nursing
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: 016356G
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 Mike Capra

Entry requirements
Applicants should have completed QUT’s Bachelor of Applied Science/Bachelor of Health Science in a relevant area, or equivalent and have attained a grade point average (GPA) of at least 5.0 over the pass degree.

Application should be made at the end of the final year of the pass degree or within 18 months of completing that degree. If candidates do not satisfy the normal entry requirements but have demonstrated outstanding performance in only the final year of a degree, or their application is based on other factors including work experience or involvement in research, they may be admitted at the discretion of the Dean.

Full-time Course Structure
Year 1, Semester 1
HLP101 Advanced Discipline Readings
HLP103 Dissertation

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 Mike Capra

Entry requirements
Applicants should have completed QUT’s Bachelor of Applied Science/Bachelor of Health Science in a relevant area, or equivalent and have attained a grade point average (GPA) of at least 5.0 over the pass degree.

Application should be made at the end of the final year of the pass degree or within 18 months of completing that degree. If applicants do not satisfy the normal entry requirements but have demonstrated outstanding performance in only the final year of a degree, or their application is based on other factors...
including work experience or involvement in research, they may be admitted at the discretion of the Dean.

**Full-time Course Structure**

**Year 1, Semester 1**
- HLP101 Advanced Discipline Readings
- HLP103 Dissertation
- Select one of the following units:
  - HLN405 Qualitative Research
  - HLN706 Advanced Quantitative Research Methods

**Year 2, Semester 2**
- HLP102 Research Seminars
- HLP103 Dissertation
- HLP103 Dissertation

**Electives**

Students undertake a 12 credit point elective. This may be selected from any honours or postgraduate program offered by the University, subject to prerequisite requirements and with the approval of the students supervisor and the course coordinator. Normally the elective unit is chosen from within the student’s discipline area or from an area that complements or is germane to the student’s study program. For further information on available units contact the relevant school honours coordinator.

**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 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
- One elective unit
  - Note: in HL50 Bachelor of Nursing (Honours) you are required to complete HLN706 Advanced Quantitative Research Methods and HLN405 Qualitative Research and therefore should not select an 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 Mike Capra

**Entry requirements**

Applicants should have completed QUT’s Bachelor of Nursing (NS40, NS48) or equivalent and have attained a grade point average (GPA) of at least 5.0 over the pass degree.

Application should be made at the end of the final year of the pass degree or within 18 months of completing that degree. If applicants do not satisfy the normal entry requirements but have demonstrated outstanding performance in only the final year of a degree, or their application is based on other factors including work experience or involvement in research, they may be admitted at the discretion of the Dean.

**Full-time Course Structure**

**Year 1, Semester 1**
- HLP101 Advanced Discipline Readings
- HLP103 Dissertation
- Select one of the following units:
  - HLN405 Qualitative Research
  - HLN706 Advanced Quantitative Research Methods
- One elective unit
  - Note: in HL50 Bachelor of Nursing (Honours) you are required to complete HLN706 Advanced Quantitative Research Methods and HLN405 Qualitative Research and therefore should not select an elective unit.

**Year 1, Semester 2**
- HLP102 Research Seminars
- HLP103 Dissertation
- HLP103 Dissertation

**Electives**

Students undertake a 12 credit point elective. This may be selected from any honours or postgraduate program offered by the University, subject to prerequisite requirements and with the approval of the students supervisor and the course coordinator. Normally the elective unit is chosen from within the student’s discipline area or from an area that complements or is germane to the student’s 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 & 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 under the guidance of a supervisor.

**Part-Time Course Structure**

**Year 1, Semester 1**
- Select one of the following units:
  - HLP101 Advanced Discipline Readings
  - HLP103 Dissertation

**Year 1, Semester 2**
- HLP101 Advanced Discipline Readings
- HLP103 Dissertation

**Year 2, Semester 1**
- HLP103 Dissertation
- HLP103 Dissertation

**Year 2, Semester 2**
- HLP102 Research Seminars
- HLP103 Dissertation

■ **Bachelor of Psychology (Honours) (PY09)**

**Award title:** Bachelor of Psychology (Honours)

**CRICOS code:** 034711K

**Location:** Carseldine

**Course duration (full-time):** 2 Semesters

**Course duration (part-time):** 4 Semesters (may not be available by evening study)

**Total credit points:** 96

**Course coordinator:** Dr Renata Meuter
Entry requirements
An undergraduate degree majoring in Psychology through a degree program recognised for accreditation purposes by the Australian Psychological Society (APS). Specifically, entry into the Honours program can be gained after completion of the required standard of one of the following:
(i) Bachelor of Psychology, Bachelor of Social Science (Psychology)
(ii) other approved courses in Psychology accredited by the Australian Psychological Society.

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 nine prescribed second and third year Psychology subjects or their equivalent, specifically:
  o PYB203 Developmental Psychology
  o PYB205 Social Psychology
  o PYB201 Perception
  o PYB303 Cognitive Psychology
  o PYB304 Physiological Psychology
  o PYB306 Personality and Psychopathology
  o PYB311 Psychological Assessment
  o PYB210 Research Design and Data Analysis
  o 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
PYB400/1 Thesis - Part 1
PYB401 Advanced Research Methods
Two Elective Units

Year 1, Semester 2
PYB400/2 Thesis - Part 2
PYB400/3 Thesis - Part 3
PYB400/4 Thesis - Part 4
PYB407 Research and Professional Development Seminar

Year 2, Semester 1
PYB400/2 Thesis - Part 2
PYB401 Advanced Research Methods
One Elective Unit
PYB407 Research and Professional Development Seminar

Year 2, Semester 2
PYB400/3 Thesis - Part 3
PYB400/4 Thesis - Part 4

Elective Units
PYB402 Counselling Psychology
PYB403 Cognitive Neuropsychology
PYB404 Advanced Social and Developmental Psychology
PYB405 Advanced Organisational Psychology

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).

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.

Health
HEALTH

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 $4000. Students are also required to undertake first aid certification before entering the clinical program.

Course Structure
Year 1, Semester 1
PCB141 Chemistry for Clinical Health Professionals
LSB118 Life Science
LSB152 Anatomy

Year 4, Semester 1
HMB471 Project 1
Major or Elective
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 Cardiovascular and Pulmonary Physiology in Exercise
HMB383 Workplace Health
HMB384 Injury Prevention and Rehabilitation
HMB480 Advanced Exercise Prescription
HMB379 is compulsory for students who first enrolled in HM42 in 1998 or later.

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 Health Science (Environmental Health or Health, Safety and Environment) (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: Environmental Health: Mr Tim Strickland; Health, Safety and Environment: Assoc Prof Mike Capra

Professional Membership
Environmental Health: 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.

Health, Safety and Environment: Once graduates of Bachelor of Health Science (Health, Safety and Environment) have completed a period of work experience they will be eligible for membership of the Safety Institute of Australia*, the Ergonomics Society of Australia and the Australian Institute of Occupational Hygienists.

Graduates will also be eligible for membership of the Public Health Association of Australia and the Australian Health Promotion Association.

They also meet the statutory requirements for recognition as Workplace Health and Safety Officers under the Workplace Health and Safety Act.

* The Safety Institute of Australia is the largest body representing health and safety professionals in Australia.
Full-time Course Structure

Environmental Health

Year 1, Semester 1 - Environmental Health
- PUB107 Sustainable Environments for Health
- PUB112 Workplace Health and Safety
- LSB142 Human Anatomy and Physiology
- PCB101 Physical Science

OR
- PCB150 Physics 1H

Year 1, Semester 2 - Environmental Health
- PCB142 Chemistry 1
- PCB242 Chemistry 2
- PCB263 Physics 2E
- PUB251 Contemporary Public Health

Year 2, Semester 1 - Environmental Health
- LSB118 Life Science
- PUB308 Environmental Health Fundamentals
- PUB314 Epidemiology and Statistics
- PUB474 Food Studies

OR
- NRB300 Environmental Monitoring

Year 2, Semester 2 - Environmental Health
- LSB415 Microbiology
- PUB400 Environmental Protection
- PUB409 Communicable Disease: Prevention and Control
- PUB406 Introduction to Health Promotion

OR
- PUB407 Environmental Pollution

OR
- NRB300 Environmental Monitoring

Year 3, Semester 1 - Environmental Health
- PUB510 Environmental Health Management B
- PUB517 Food Hygiene Studies
- Choose TWO from:
  - PUB506 Foodservice Management
  - PUB511 Health Policy, Planning and Evaluation
  - PUB515 Environmental Toxicology

Year 3, Semester 2 - Environmental Health
- PUB316 Research Methods
- PUB604 Policy and Management Principles for Environmental Health
- PUB611 Risk Management
- PUB630 Environmental Health Practice

Health, Safety and Environment

Year 1, Semester 1 - Health, Safety and Environment
- PUB107 Sustainable Environments for Health
- PUB112 Workplace Health and Safety
- LSB142 Human Anatomy and Physiology
- PCB101 Physical Science

OR
- PCB150 Physics 1H

Year 1, Semester 2 - Health, Safety and Environment
- PCB142 Chemistry 1
- PCB242 Chemistry 2
- PCB263 Physics 2E
- PUB251 Contemporary Public Health

Year 2, Semester 1 - Health, Safety and Environment
- MEB036 Safety Technology 1
- NRB100 Environmental Science
- PUB314 Epidemiology and Statistics
- PUB354 Occupational Health

Year 2, Semester 2 - Health, Safety and Environment
- PCB404 Scientific Principles of Safety
- PCB414 Industrial and Environmental Analytical Chemistry
- PUB400 Environmental Protection
- PUB408 Physical Ergonomics

Year 3, Semester 1 - Health, Safety and Environment
- NRB300 Environmental Monitoring
- PUB515 Environmental Toxicology
- PUB521 Health Safety and Environment Practice 1
- PYD057 Applied Cognitive Psychology

Year 3, Semester 2 - Health, Safety and Environment
- PUB316 Research Methods
- PUB611 Risk Management
- PUB616 Occupational Health and Safety Practice 2
- PUB636 Occupational Hygiene

Bachelor of Health Science (Health Information Management or Health Services Management) (PU40)

Award title: Bachelor of Health Science (Health Information Management or Health Services Management)
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

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 - Health Information Management
- BSB112 Introduction to Electronic Commerce
- PUB104 Introduction to Health Services Management
- PUB106 Introduction to Health Information Management
- PUB233 Communication, Information and Education for Health

Year 1, Semester 2 - Health Information Management
- BSB115 Management, People and Organisations
- ITB826 Introduction to Databases
- LWS001 Medicine and the Law
- PUB251 Contemporary Public Health

Year 2, Semester 1 - Health Information Management
- LSB142 Human Anatomy and Physiology
- LSB361 Fundamentals of Medicine
- PUB251 Contemporary Public Health
- LWS001 Medicine and the Law
- PUB233 Communication, Information and Education for Health

Year 2, Semester 2 - Health Information Management
- PUB233 Communication, Information and Education for Health
- PUB251 Contemporary Public Health
- LWS001 Medicine and the Law
- PUB298 Health Information Management 2
- MGB207 Human Resource Issues and Strategy
- PUB356 Clinical Classification 1
- PUB380 Casemix Management
- PUB400 Environmental Protection
- PUB408 Physical Ergonomics
- PUB418 Health Computer Systems
- PUB553 Professional Experience
- PUB619 Health Information Management 4
- PUB659 Management of Health Services

Health Services Management

Year 1, Semester 1 - Health Services Management
- PUB104 Introduction to Health Services Management
- PUB106 Introduction to Health Information Management
- BSB112 Introduction to Electronic Commerce
- PUB233 Communication, Information and Education for Health

Year 1, Semester 2 - Health Services Management
- BSB115 Management, People and Organisations
- ITB826 Introduction to Databases
- LWS001 Medicine and the Law
- PUB251 Contemporary Public Health

Year 2, Semester 1 - Health Services Management
- BSB110 Accounting
- BSB113 Economics
- Elective
- Elective

Q U T H A N D B O O K 2 0 0 2 • P A G E 1 9 7
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
Discipline coordinator: Ms Delma Stormont

Professional Membership
Graduates are eligible for membership of the Dietitians Association of Australia, and may enrol in the APD (Accredited Practising Dietitian Program).

Full-time Course Structure

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Year 2, Semester 1</th>
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</thead>
<tbody>
<tr>
<td>PCB142 Chemistry 1</td>
<td>HMB273 Bioenergetics and Muscle Physiology in Exercise</td>
</tr>
<tr>
<td>LSB131 Anatomy</td>
<td>HMB382 Principles of Exercise Prescription</td>
</tr>
<tr>
<td>PUB251 Contemporary Public Health</td>
<td>HMB363 Independent Study</td>
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<tr>
<td>PUB474 Food Studies</td>
<td>HMB381 Cardiovascular and Pulmonary Physiology in Exercise</td>
</tr>
<tr>
<td>PUB201 Public Health Nutrition 1</td>
<td>HMB388 Exercise and Sport Nutrition</td>
</tr>
<tr>
<td>PYB012 Psychology</td>
<td>HMB365 Pathology</td>
</tr>
<tr>
<td>PCB242 Chemistry 2</td>
<td>LSB415 Microbiology</td>
</tr>
<tr>
<td>PUB233 Communication, Information and Education for Health</td>
<td>PUB474 Food Studies</td>
</tr>
<tr>
<td>PUB320 Public Health Nutrition 2</td>
<td>PUB506 Foodservice Management</td>
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<tr>
<td>PYB208 Counselling Theory and Practice 1</td>
<td>PUB509 Public Health Nutrition 2</td>
</tr>
<tr>
<td>HMB277 Exercise and Sport Nutrition</td>
<td>PUB511 Health Policy, Planning and Evaluation</td>
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<tr>
<td>HMB363 Independent Study</td>
<td>PUB517 Food Hygiene Studies</td>
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<tr>
<td>HMB381 Cardiovascular and Pulmonary Physiology in Exercise</td>
<td>Health Promotion</td>
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<tr>
<td>HMB388 Exercise and Sport Nutrition</td>
<td>PUB341 Nutrition Education</td>
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<td>OR</td>
<td>AND</td>
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<td>36 credit points selected from the following:</td>
<td>36 credit points selected from the following:</td>
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<tr>
<td>HMB277 Exercise and Sport Nutrition</td>
<td>HMB363 Independent Study</td>
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<tr>
<td>HMB365 Pathology</td>
<td>HMB381 Cardiovascular and Pulmonary Physiology in Exercise</td>
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<td>HMB388 Exercise and Sport Nutrition</td>
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<tr>
<td>PUB474 Food Studies</td>
<td>HMB363 Independent Study</td>
</tr>
<tr>
<td>PUB506 Foodservice Management</td>
<td>PUB509 Public Health Nutrition 2</td>
</tr>
<tr>
<td>PUB517 Food Hygiene Studies</td>
<td>PUB511 Health Policy, Planning and Evaluation</td>
</tr>
<tr>
<td>PUB341 Nutrition Education</td>
<td>OR</td>
</tr>
</tbody>
</table>

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 Course Coordinator. Suggested electives include:

- **List A (Semester 1)**
  - HMB171 Fitness Health and Wellness
  - LSB142 Human Anatomy and Physiology
  - PUB105 Introduction to Family Studies
  - PUB107 Sustainable Environments for Health
  - PUB112 Workplace Health and Safety
  - PUB349 Families and Households

- **List B (Semester 2)**
  - HMB171 Fitness Health and Wellness
  - LSB415 Microbiology
  - PUB117 Introduction to Consumer Studies
  - PUB201 Public Health Nutrition 1
  - PUB203 Primary Health Care
  - PUB225 Living Spaces for People
  - PUB336 Women’s Health
  - PYB067 Human Sexuality
  - PYB086 Interpersonal and Group Processes
  - PYB203 Developmental Psychology
  - PUB875 Professional Practice

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.

Clinical Science
- LSB658 Clinical Physiology
- AND
- 36 credit points selected from the following:
  - LSB365 Pathology
  - LSB438 Immunology 1
  - LSB415 Microbiology
  - LSB508 Advanced Metabolism
  - PUB632 Independent Study

Dietetic Management
- 48 credit points selected from the following:
  - LW5001 Medicine and the Law
  - PUB354 Occupational Health
  - PUB380 Casemix Management
  - PUB480 Health Administration Finance
  - PUB511 Health Policy, Planning and Evaluation

Exercise
- HMB273 Bioenergetics and Muscle Physiology in Exercise
- AND
- 36 credit points selected from the following:
  - HMB277 Exercise and Sport Nutrition
  - HMB363 Independent Study
  - HMB381 Cardiovascular and Pulmonary Physiology in Exercise
  - HMB382 Principles of Exercise Prescription

Food Safety
- LSB415 Microbiology
- PUB474 Food Studies
- PUB506 Foodservice Management
- PUB517 Food Hygiene Studies

Health Promotion
- PUB341 Nutrition Education
- AND
- 36 credit points selected from the following:
HEALTH

PUB117 Introduction to Consumer Studies
PUB406 Introduction to Health Promotion
PUB336 Women’s Health
PUB557 Health Needs of Indigenous Australians and Other Populations

Private Practice
BSB110 Accounting
BSB112 Introduction to Electronic Commerce
LWS001 Medicine and the Law
PUB526 Project and Professional Management

Public Health (Major)
PUB201 Public Health Nutrition 1
PUB251 Contemporary Public Health
PUB406 Introduction to Health Promotion
PUB336 Women’s Health
PUB341 Nutrition Education
PUB509 Public Health Nutrition 2
PUB557 Health Needs of Indigenous Australians and Other Populations

Research
HLN405 Qualitative Research
HLN706 Advanced Quantitative Research Methods
PUB316 Research Methods
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): Of the 10 semesters, 6 are of 48 credit points, and 4 are 60 credit points
Course coordinator: Dr Graham Costin
Discipline coordinator: Nutrition and Dietetics Strand Coordinator: Ms Delma Stormont

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 Public Health Nutrition 1
PUB233 Communication, Information and Education for Health

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
LSB408 Metabolism
LSB458 Physiology 2
PUB405 Nutrition Science
PYB012 Psychology

Year 3, Semester 1
HMB273 Bioenergetics and Muscle Physiology in Exercise
HMB379 Disorders of Human Movement
PUB314 Epidemiology and Statistics
PUB506 Foodservice Management
PUB541 Medical Nutrition Therapy 1

Year 3, Semester 2
HMB382 Principles of Exercise Prescription
HMB275 Exercise and Sport Psychology
PUB641 Medical Nutrition Therapy 2
PUB628 Advanced Food Studies

Year 4, Semester 1
HMB471 Project 1
HMB277 Exercise and Sport Nutrition
PUB509 Public Health Nutrition 2

Major Study (Human Movement Studies)

Year 4, Semester 2
PUB875 Professional Practice
HMB472 Project 2
PUB501 Applied Counselling for Health Professionals
Elective

Year 5, Semester 1
PUB823 Practice in Community Nutrition
PUB824 Practice in Food Service Management
PUB722 Practice in Clinical Dietetics
HMB470 Practicum 1

Year 5, Semester 2
HMB475 Practicum 2
PUB606 Dietetic 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

Professional Membership
Graduates are eligible for membership of the Public Health Association of Australia.

Full-time Course Structure
Year 1, Semester 1
PCB142 Chemistry 1
LSB131 Anatomy
PUB251 Contemporary Public Health
PUB474 Food Studies

Year 1, Semester 2
PCB242 Chemistry 2
PUB201 Public Health Nutrition 1
PUB233 Communication, Information and Education for Health

Year 2, Semester 1
LSB308 Biochemistry
LSB358 Physiology 1
PUB314 Epidemiology and Statistics
PUB341 Nutrition Education

Year 2, Semester 2
LSB408 Metabolism
LSB458 Physiology 2
PUB405 Nutrition Science
PYB012 Psychology

Year 3, Semester 1
PUB509 Public Health Nutrition 2
PUB557 Health Needs of Indigenous Australians and Other Populations

Minor Elective

Year 3, Semester 2
PUB536 Women’s Health
PUB501 Applied Counselling for Health Professionals
PUB875 Professional Practice

Minor Elective
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.

Clinical Science
LSB658 Clinical Physiology
AND
36 credit points selected from the following:
LSB365 Pathology
LSB438 Immunology 1
LSB415 Microbiology
LSB508 Advanced Metabolism
PUB632 Independent Study

Exercise
HMB273 Bioenergetics and Muscle Physiology in Exercise
AND
36 credit points selected from the following:
HMB277 Exercise and Sport Nutrition
HMB363 Independent Study
HMB381 Cardiovascular and Pulmonary Physiology in Exercise
HMB382 Principles of Exercise Prescription

Food Safety
LSB415 Microbiology
PUB474 Food Studies
PUB506 Foodservice Management
PUB517 Food Hygiene Studies

Health Promotion
PUB341 Nutrition Education
AND
36 credit points selected from the following:
PUB117 Introduction to Consumer Studies
PUB406 Introduction to Health Promotion
PUB336 Women’s Health
PUB557 Health Needs of Indigenous Australians and Other Populations

Public Health (Major)
PUB201 Public Health Nutrition 1
PUB251 Contemporary Public Health
PUB406 Introduction to Health Promotion
PUB336 Women’s Health
PUB341 Nutrition Education
PUB509 Public Health Nutrition 2
PUB557 Health Needs of Indigenous Australians and Other Populations

Research
HLN405 Qualitative Research
HLN706 Advanced Quantitative Research Methods
PUB316 Research Methods
PUB632 Independent Study

■ 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: Ms Sue Wilson

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
PUB104 Introduction to Health Services Management
PUB105 Introduction to Family Studies
PUB251 Contemporary Public Health
PYB012 Psychology

Year 1, Semester 2
PUB117 Introduction to Consumer Studies
PUB201 Public Health Nutrition 1
PUB203 Primary Health Care
PUB233 Communication, Information and Education for Health

Year 2, Semester 1
PUB314 Epidemiology and Statistics
PUB341 Nutrition Education
OR
PUB329 Foundations of Health Studies and Health Behaviour

Year 3, Semester 1
PUB511 Health Policy, Planning and Evaluation
PUB514 Contract/project Management
HEALTH

Minor Elective
Minor Elective
Year 3, Semester 2
PUB875 Professional Practice
Minor Elective
Minor Elective
Minor Elective

Minor Elective Lists
Suggested minors are listed below. Minors chosen outside this list may be selected subject to the definition appearing in the Course Rules, the applicability to the major, and the approval of the Course Coordinator.

Environmental Health
PUB107 Sustainable Environments for Health
LSB415 Microbiology
PUB400 Environmental Protection
PUB517 Food Hygiene Studies

Community Nutrition
PUB341 Nutrition Education
PUB474 Food Studies
PUB509 Public Health Nutrition 2
PUB632 Independent Study

Family Studies
PUB349 Families and Households
PYB086 Interpersonal and Group Processes
PUB551 Promoting Health in Families
PUB632 Independent Study

Health Education
PUB329 Foundations of Health Studies and Health Behaviour
LEB333 Adult Learning and Development
PYB086 Interpersonal and Group Processes

Home Economics
PUB313 Design
OR
PUB355 Hospitality Studies
PUB321 Textile Studies
PUB225 Living Spaces for People
PUB349 Families and Households
OR
PUB361 Textiles 2
OR
PUB474 Food Studies

Indigenous Health
HHB254 Indigenous Australian Culture Studies
PUB314 Epidemiology and Statistics
PUB406 Introduction to Health Promotion
LEB333 Adult Learning and Development
PYB086 Interpersonal and Group Processes

Occupational Health and Safety
PUB112 Workplace Health and Safety
PUB354 Occupational Health
PUB611 Risk Management
PUB632 Independent Study

Women’s Health
PUB314 Epidemiology and Statistics
PUB336 Women’s Health
PYB054 Psychology and Gender
PUB632 Independent Study

■ Bachelor of Nursing (Post-registration Stream) (NS40)
Award title: Bachelor of Nursing
CRICOS code: 003501K
Location: Kelvin Grove and External
Course duration (full-time): 1 year
Course duration (part-time): 2 years
Course duration (external): 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 Alan Barnard

Streams in NS40 Bachelor of Nursing
From 2002 the Bachelor of Nursing (NS40) course will provide streams of study for both pre-registration and post-registration students (i.e. those who have already completed a qualification leading to registration as a nurse).

The Post-Registration stream is for domestic registered nurses with a hospital certificate and overseas registered nurses not seeking registration within Australia (8 units must be completed). Please note that this stream is not designed for students wanting to undertake a Nursing “re-entry” course and does not lead to registration as a nurse within Australia.

Full-time Course Structure
Year 1, Semester 1
NSB224 Research Approaches in Nursing
Select three 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 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
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

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 & Health Care OR Elective (see elective list) OR Any other approved unit
Part-time Course Structure
(Not available to International Students)

Year 1, Semester 1
NSB321 Professional Nursing Development
Select one more unit:
HHB120 Ethics, Law and Health Care
NSB113 Values, Culture and Diversity
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
NSB223 Mental Health Nursing
NSB501 Politics, Technology and Nursing
PYB073 Introduction to Behavioural Sciences and Health Care
Any other approved unit

For Registered Nurses with an appropriate tertiary diploma - four units must be completed

This program is available in the part-time mode only.
This program does not lead to registration as a nurse in Australia

First Semester Entry
Part-Time Course Structure

Year 1, 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 1, Semester 2
NSB321 Professional Nursing Development
Select one more unit:
HHB120 Ethics, Law & Health Care OR
NSB113 Values, Culture and Diversity
NSB424 Nursing Therapeutics
Elective OR
Any other approved unit

Year 1, Semester 3
NSB321 Professional Nursing Development
Select one more unit:
HHB120 Ethics, Law & Health Care OR
NSB113 Values, Culture and Diversity
NSB424 Nursing Therapeutics
Elective OR
Any other approved unit

Year 1, Semester 4
NSB321 Professional Nursing Development
Select one more unit:
HHB120 Ethics, Law & Health Care OR
NSB113 Values, Culture and Diversity
NSB424 Nursing Therapeutics
Elective OR
Any other approved unit

Second Semester (Mid-Year) Entry
Part-Time Course Structure

Year 1, Semester 1
NSB321 Professional Nursing Development
Select one more unit:
HHB120 Ethics, Law & Health Care OR
NSB113 Values, Culture and Diversity
NSB424 Nursing Therapeutics
Elective 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

2002 Elective List - subject to availability
HMB171 Fitness Health and Wellness
NSB602 Pain Management and Contemporary Nursing Practice
NSB603 Introduction to Cardiothoracic Nursing
NSB604 Introduction to Dementia and Family Care
NSB605 Nursing in a Technological World
NSB421 Independent Study
PUB203 Primary Health Care
PYB257 Group Work

PYB360 Interventions for Addictive Behaviours
NSB312 Family and Community Nursing

For Overseas Registered Nurses with an appropriate qualification seeking registration in Australia
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
NSB323 Clinical Practice 5
Elective

Second Semester (Mid-Year) Entry
Full-Time Course Structure
Year 1, Semester 1
NSB321 Professional Nursing Development
NSB323 Clinical Practice 5
Elective

Year 1, Semester 2
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

Bachelor of Nursing (Pre-Registration Graduate Entry Stream) (NS40)
Award title: Bachelor of Nursing
CRICOS code: 003501K
Location: Kelvin Grove
Course duration (full-time): 2 years for Pre-registration Graduate entry
Course duration (part-time): 4 years for Pre-registration 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 pre-registration and post-registration students (i.e. those who have already completed a qualification leading to registration as a nurse).

Professional Membership
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. This course is recognised by the Royal College of Nursing, Australia as satisfying the academic requirements for admission as a professional member.

Full-time Course Structure
For Pre-registration students who have completed an undergraduate degree
Year 1, Semester 1
LSB361 Fundamentals of Medicine
NSB324 Medical-Surgical Nursing 1
NSB223 Mental Health Nursing
streams of study for both pre-registration and post-registration
From 2002 the Bachelor of Nursing (NS40) course will provide
Streams in NS40 Bachelor of Nursing
From 2002 the Bachelor of Nursing (NS40) course will provide
Professional Membership
Domestic or international students who complete the pre-
registration stream of studies (288 credit points) are eligible for
Part-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
NSB324  Medical-Surgical Nursing 1
NSB222  Clinical Practice 3
NSB223  Mental Health Nursing
Year 2, Semester 2
NSB421  Independent Study
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
NSB424  Nursing Therapeutics
NSB322  Clinical Practice 4
NSB222  Clinical Practice 3
Year 3, Semester 1
NSB321  Professional Nursing Development
NSB323  Clinical Practice 5
Elective
This course was reviewed during 2001. Continuing students in 2002
should seek advice from the Course Coordinator on transition
Elective list
Elective List for 2002 (subject to availability)
HMB171  Fitness Health and Wellness
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
PB203  Primary Health Care
PYB257  Group Work
PYB360  Interventions for Addictive Behaviours
NSB312  Family and Community Nursing
Or any other unit approved by the School of Nursing

Bachelor of Nursing/Bachelor of Applied Science (in Human Movement Studies)
(AH40)
Award title: Bachelor of Nursing/Bachelor of Applied Science (in Human Movement Studies)
CRICOS code: 031578A
Location: Kelvin Grove
Course duration (full-time): 4 years
Total credit points: 432
Course coordinator: Dr Alan Barnard
Discipline coordinator: Human Movement Studies: Dr Graham Costin
Professional Membership
The Bachelor of Nursing is recognised by the Royal College of Nursing, Australia as satisfying the academic requirements for admission as a professional member. Graduates are eligible for membership of the Australian Association for Exercise and Sports Science.
Course Requirements
Students are required to complete 432 credit points within the integrated course. The clinical practice units require students to undertake block practicums of two or more weeks duration during semester. Students will be required to wear a uniform while on clinical practice, the cost of which is approximately $150.

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
HMB273 Bioenergetics and Muscle Physiology in Exercise
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
HMB382 Principles of Exercise Prescription
NSB122 Clinical Practice 1

Year 3, Semester 1
HMB379 Disorders of Human Movement
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
NSB323 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 Cardiostrophic Nursing
NSB604 Introduction to Dementia and Family Care
NSB605 Nursing in a Technological World
NSB421 Independent Study
PUB203 Primary Health Care
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.
Bachelor of Psychology (PY07)

Award title: Bachelor of 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
Course coordinator: Dr. Julie Hansen

Full-time Course Structure

Semester 1
PYB000 Applied Skills and Scholarship (Psychology)
HHB104 Understanding Society: Intro. to Sociology
PYB101 Introduction to Psychology 1A
PYB007 Interpersonal Processes and Skills

Semester 2
PYB110 Psychological Research Methods
PYB102 Introduction to Psychology 1B
PYB208 Counselling Theory and Practice 1
PYB159 Alcohol and Other Drug Studies

Semester 3
PYB205 Social Psychology
PYB210 Research and Design and Data Analysis

Semester 4
PYB201 Perception
PYB203 Developmental Psychology
PYB206 Personality

Semester 5
PYB302 Industrial and Organisational Psychology
PYB303 Cognitive Psychology
PYB304 Physiological Psychology

Semester 6
PYB306 Psychopathology
PYB311 Psychological Assessment

Semester 7
PYB208 Counselling Theory and Practice 1

Semester 8
PYB205 Social Psychology
PYB210 Research and Design and Data Analysis

Semester 9
PYB203 Developmental Psychology
PYB201 Perception

Semester 10
PYB306 Psychopathology
PYB311 Psychological Assessment

Semester 11
PYB304 Physiological Psychology
PYB302 Industrial and Organisational Psychology

Semester 12
Elective
Elective*
*PYB350 is compulsory if you wish to continue into the Bachelor of Psychology (Honours) program. Otherwise another elective can be taken.

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.

PYB050 Qualitative Research Methods
PYB054 Psychology and Gender
PYB067 Human Sexuality
PYB158 Introduction to Substance Abuse in Australia
PYB159 Alcohol and Other Drug Studies
PYB250 Environmental Psychology
PYB257 Group Work
PYB258 Introduction to Theory and Research in Hypnosis
PYB260 Psychopharmacology of Addictive Behaviour
PYB353 Occupational and Vocational Psycc
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. Details of approved minors in health, science, business, education, justice, humanities, and human movement studies can be found in the School Handbook available from the School Office and on the web at http://www.hlth.qut.edu.au/psyc/

Part-time Course Structure

Semester 1
PYB101 Introduction to Psychology 1a
PYB000 Applied Skills and Scholarship (Psychology)

Semester 2
PYB102 Introduction to Psychology 1b
PYB110 Psychological Research Methods

Semester 3
HHB104 Understanding Society: Intro. to Sociology
PYB007 Interpersonal Processes and Skills

Semester 4
PYB208 Counselling Theory and Practice 1
Elective

Semester 5
PYB205 Social Psychology
PYB210 Research and Design and Data Analysis

Semester 6
PYB203 Developmental Psychology
PYB201 Perception

Semester 7
Elective
Elective

Semester 8
PYB206 Personality
Elective

Semester 9
PYB303 Cognitive Psychology
Elective

*PYB350 is compulsory if you wish to continue into the Bachelor of Psychology (Honours) program. Otherwise another elective can be taken.
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. Co-majors in History, Geography, Languages, Social Sciences (Sociology and Political Studies) are available together with a broad range of co-majors from other areas of the University.

- The Bachelor of Social Science which offers majors in Applied Ethics, Geography and Environmental Studies, International and Global Studies, Political Studies, and Sociology.

- The Bachelor of Social Science (Human Services) which focuses on contemporary issues and offers a suite of skills units that will prepare students for work in aged services, disability services, corrections, 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, B Soc Wk(Hons) Qld, MAASW
Assistant Director (Academic Coordination): Dr A.J. Williamson-Fien, B Econ, BA Qld, MA Griff., PhD Qld.
Executive Officer: J.Murphy, BA Qld M Ed QUT

School of Humanities and Human Services

Head: Associate 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 Community and Cross-Cultural Studies

At a time of tremendous change in the research environment in Higher Education, the Centre for Community and Cross-Cultural Studies, based at QUT Carseldine has a new vision and strategic direction.

The mission of the centre is to create an environment that promotes change and transformation, engagement and leadership through research that is careful, independent, critical and ethical, and that contributes to a sustainable world and better outcomes for people and communities.

The vision of the centre is to become a flourishing research base, at the cutting edge of social research, with a growing reputation, a sound financial future, an enthusiastic, proactive membership and postgraduate students who enjoy first-class research training.

To achieve this vision, the four main goals of the centre are:
1. To investigate questions of social significance
2. To promote collaboration
3. To build strong collaborative links within and outside QUT, and with other centres, industries, universities etc. nationally and internationally
4. To develop new researchers, through a strong research postgraduate program
5. To encourage positive interactions with the community

Staff associated with the centre engage in research and consultancy activities within a transdisciplinary environment, which emphasises collaboration and team-based research.

Postgraduate students associated with the centre develop research design skills and a good understanding of the broad range of research methodologies available, through their active engagement in research projects of the centre and the expert mentoring and guidance of experienced researchers.

Director: Dr Laurie Buys BA West Virg, MS SIU, GradCertGerontology PhD UNC
Phone: +61 7 3864 4761
Fax: +61 7 3864 4995
Email: l.buys@qut.edu.au
HUMANITIES AND HUMAN SERVICES

■ Master of Arts (Research) (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

Key Features
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
- Corrective 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.

Entry requirements
Coursework plus Research Program - three-year bachelor degree or equivalent.
Research only Program - three-year bachelor degree plus honours, or three-year bachelor degree plus Graduate Diploma, or equivalent.

Course Structure
For those with a three-year degree the MA(Research) normally comprises 48 credit points of coursework and a 96cp research project. For those with a four-year degree it normally comprises a 96cp research project. However, with the approval of the postgraduate studies coordinator it is possible to enrol in 12 credit point coursework plus 84 credit point research project; or 24 credit point coursework plus 72 credit point research project.

Research Component
Dependent on the discipline, the research component may be undertaken as a research thesis (30,000-50,000 words).

Entry with three-year qualification - Full-time Course Structure
Year 1, Semester 1
HHN001/1 Research Project 1
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
HHB410 Logic of Social Inquiry
HHN001/4 Research Project 4

Year 2, 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 - 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 exemptions)
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 2, Semester 1
HHN001/5 Research Project 5
HHN001/6 Research Project 6
HHN001/7 Research Project 7
HHN001/8 Research Project 8

■ Master of Social Science (Human Services) (HH32/HS16)
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

Part-time Course Structure
Please contact the course coordinator via the School of Humanities and Human Services Ph (07) 3864 4674 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 Marketing Management 1
GSN418 Marketing Management 2
MGN516 Policy Analysis
MGN517 Program Management and Evaluation
HBB210 Indigenous Australia: Country, Kin and Culture
HBB212 Community Work
HBB303 Aged Services: Advanced
HBB304 Child and Family Services: Advanced
HBB305 Corrective Services: Advanced
HBB306 Disability Services: Advanced
HBB307 Services to Young People: Advanced
PYB159 Alcohol and Other Drug Studies

Year 1, Semester 2
HHP013 Managing Human Service Organisations
HHP015 Skills for the Contract Regime
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
HHP007 Youth Services - Graduate Studies
HHP210 Indigenous Australia: Country, Kin and Culture
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/HS15)

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

Part-time Course Structure
Please contact the course coordinator via the School of Humanities and Human Services (07) 3864 4697 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 postgraduate coordinator:

HBB410 Logic of Social Inquiry
GSN408 Marketing Management 1
GSN418 Marketing Management 2
MGN516 Policy Analysis
MGN517 Program Management and Evaluation
HBB210 Indigenous Australia: Country, Kin and Culture
HBB212 Community Work
HBB303 Aged Services: Advanced
HBB304 Child and Family Services: Advanced
HBB305 Corrective Services: Advanced
HBB306 Disability Services: Advanced
HBB307 Services to Young People: Advanced
PYB159 Alcohol and Other Drug Studies

Year 1, Semester 2
HHP013 Managing Human Service Organisations
HHP015 Skills for the Contract Regime
Two elective 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
HHP210 Indigenous Australia: Country, Kin and Culture
PYB208 Counselling Theory and Practice 1
PYB110 Psychological Research Methods

Graduate Certificate in Social Science (Human Services) (HH30/HS13)

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): 24
Course coordinator: Dr Judith Burton

Alternative Enrolment
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; or
- one unit from Group A and three graduate studies level units from Group B; or
- they may choose three from Group A and one unit at graduate studies level from Group B.

Part-time Course Structure
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 Skills for the Contract Regime

GROUP B
Any two units chosen from:
HBB303 Aged Services: Advanced
HHP003 Aged Services - Graduate Studies
HBB304 Child and Family Services: Advanced
HHP004 Child and Family Services - Graduate Studies
HBB305 Corrective Services: Advanced
HBB306 Disability Services: Advanced
HHP006 Disability Services - Graduate Studies
HBB307 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/HU21)

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

Part-time Course Structure
Part-time students may take units in an alternative sequence approved by the Course Coordinator

Note: Language Students
Language students will, where appropriate, do extensive work in HHB403, HHB404 and HHB405 in the target language. Where feasible the Honours Dissertation will be written in the target language.

Course Rules
The requirements for graduating are satisfactory (or better) performance in all prescribed units. The final mark for the course is determined on the basis of marks assigned in the assessed units HHB410 The Logic of Social Inquiry, HHB403 Literature Review, and the elective, plus the mark awarded to the dissertation, with weighting being given according to the proportion of credit points within the total. The Honours dissertation will be marked by two assessors, one of whom will normally be external to the School.

Full-time Course Structure
Year 1, Semester 1
HHB410 Logic of Social Inquiry
HHB403 Literature Review
HHB404 Honours Dissertation 1
HHB320 Independent Project 1

Year 1, Semester 2
HHB402 Research Colloquium
HHB405 Honours Dissertation 2 (1-2)

Bachelor of Social Science (Honours) (HH22/HS14)

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

Entry requirements
For QUT applicants graduating from the Bachelor of Social Science (Human Services) the following is required:
- a course GPA of 5
- a grade of 5 for the subject HHB117 Introduction to Social Research Methods.

For applicants graduating from other degrees the following is required:
- a course GPA of 5
- completion of at least eight units out of 16 at the second and third year level in human service subjects or their equivalent with a grade of 5 in at least two of these subjects.

Full-time Course Structure
Semester 1
HHB410 Logic of Social Inquiry
HHB310 Critical Issues in the Human Services
HHB401/1 Research Thesis Either
HHB402/2 Research Thesis
HHB400/1 Research Thesis
HHB400/2 Research Thesis

Or research methods elective (see table below)

Semester 2
Either
HHB400/2 Research Thesis
HHB400/3 Research Thesis
HHB400/4 Research Thesis
HHB400/5 Research Thesis

Research Methods Electives
Semester 1
HHB232 Survey Methods
HHB328 Researching Applied Ethics
PYB110 Psychological Research Methods
HHB224 Qualitative Research Methods
Part-time Course Structure

**Year 1, Semester 1**
- HHB410 Logic of Social Inquiry
- HHP011 Critical Issues in the Human Services

**Year 1, Semester 2**
- HHB400/1 Research Thesis
- HHB400/2 Research Thesis
- Other or research methods elective (see table below)

**Year 2, Semester 1**
- HHB400/2 Research Thesis
- Other or research methods elective (see table below)

**Research Methods Electives**
- Semester 1
  - HHB232 Survey Methods
  - HHB328 Researching Applied Ethics
- Semester 2
  - PYB110 Psychological Research Methods

**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)

**National Board:** 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 either 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 or skills)
- Core unit (major or skills)

**Year 1, Semester 2**

- Major unit
- Major unit
- Co-major unit*/Professional major/Discipline sequence
- Elective unit

**Year 2, Semester 1**

- Major unit
- Co-major unit*/Professional major/Discipline sequence
- Co-major unit*/Professional major/Discipline sequence
- Core unit (research methods)

**Year 2, Semester 2**

- Major unit
- Co-major unit*/Professional major/Discipline sequence
- Elective unit
- Core unit (research methods)

**Year 3, Semester 1**

- Major unit
- Co-major unit*/Professional major/Discipline sequence
- Core unit (internship)
- Core unit (internship)

**Year 3, Semester 2**

- Major unit
- Co-major unit*/Professional major/Discipline sequence
- Elective unit
- Elective unit

* 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 Interpreting Change
HHB104 Understanding Society: Introduction 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 Women, Aid and Development (not on offer in 2002)
HHB263 Politics of Globalisation
HHB269 Ethics, Technology and the Environment
HHB274 Human Rights: International and Regional Activism
HHB310 Globalisation and Social Theory
HHB311 Colonial Fantasies and Postcolonial Identities
HHB331 Advanced Seminar (not on offer in 2002)

**Strand B - International Studies**

HHB122 Colonialism and Independence in Asia Pacific
HHB229 Windows on Japan
HHB239 Korean Culture and Societies
HHB238 Asian Cultures and Societies
HHB243 The Pacific Since 1945 (not on offer in 2002)
HHB244 South East Asia in Focus (not on offer in 2002)
HHB245 Australia and the South Pacific
HHB246 Modern China (not on offer in 2002)
HHB248 The USA and the Asia Pacific Region
HHB256 Europe Since 1945
HHB260 Nations and Nationalism in Modern Europe
HHB315 Sex and Drugs in South East Asia

**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 and Cyberspace (not on offer in 2002)

**Strand B - Environment, Society and Change**

HHB226 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 (not on offer in 2002)
HHB261 Medieval Europe (not on offer in 2002)
HHB258 Foundations of Modern Europe (not on offer in 2002)
HHB315 Sex and Drugs in South East Asia
HHB253 Conspiracy and Dissent in Australian History
HHB242 Pacific Culture Contact (not on offer in 2002)
HHB259 War and Revolution in Europe 1914-1945
HHB249 Social Movements in Australia
HHB262 Political Ideologies

**Change Management and Project Units**

HHB212 Community Work
HHB213 Social Policy Processes
HHB214 Group and Team Practice
HHB329 Advanced Project (not on offer in 2002)

**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
**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 Gavin Kendall

**Key Features**

The Bachelor of Social Science offers a broad range of study options for students in the social sciences and includes opportunities for combinations of majors in diverse areas. Students may undertake up to half of their subjects outside of the School.

Primary Majors (Social Science) are available in -  
- Applied Ethics  
- Geography and Environmental Studies  
- International and Global Studies  
- Politics  
- Sociology.

Secondary Majors (Humanities and Human Services) are available in -  
- Asia Pacific Studies  
- History  
- Human Services  
- Languages (French, German, Indonesian, Japanese, Mandarin).

(NOTE all language teaching in 2002 will be scheduled on the Gardens Point Campus)

A Major in Psychology (through the Faculty of Health) is also available at Carseldine Campus.

**Course Requirements**

Students are REQUIRED to complete:  

In FIRST YEAR:  
- Applied Skills and Scholarship; two foundation units; two to three course foundation units; and two to three electives.  

Note: A minimum of four of the eight units taken in first year must be chosen from units that are within the HH03 course.  

One Primary Major Study Sequence must be chosen from the Social Science Majors offered within the HH03 course and, either, one Secondary Major Study Sequence (or two Minor Study Sequences) from those offered within the HH03 course, or, one Secondary Major Sequence (or up to two Minor Study Sequences) from those offered by Schools other than those offered in the HH03 course.

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. The following is the recommended pattern of enrolment:

- HHH116 Applied Skills and Scholarship  
- Two Foundation Units (one per semester) (List A)  
- One Course Foundation Unit (List B)

**Example of Course Structure for Full-time Students**

**Year 1, Semester 1**  
- Foundation Unit (List A)  
- Course Foundation Unit or HHH116  
- Course Foundation Unit (Primary Major) (List B)  
- Elective Unit

**Year 1, Semester 2**  
- Foundation Unit (List A)  
- Course Foundation Unit or HHH116  
- 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

**List A - Foundation Units**

**List A - Foundation Units**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HHH106</td>
<td>Australian Society and Culture</td>
</tr>
<tr>
<td>HHH210</td>
<td>Indigenous Australia: Country, Kin and Culture</td>
</tr>
<tr>
<td>HHH114</td>
<td>Introduction to Human Rights and Ethics</td>
</tr>
<tr>
<td>HHH103</td>
<td>Contemporary Social and Community Issues</td>
</tr>
<tr>
<td>HHH105</td>
<td>Interpreting Change</td>
</tr>
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</table>

**Additional First Year Requirement**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HHH116</td>
<td>Applied Skills and Scholarship</td>
</tr>
</tbody>
</table>

**HHB270** Gene Technology and Ethics  
**HHB273** Reshaping Life and Death  
**HHB264** Public and Professional Ethics  
**HHB266** Ethical Decision Making  
**HHB328** Researching Applied Ethics  

**Electives - Community Studies Professional Major**

**Strand A - Community Practice**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HHH110</td>
<td>Introduction to Human Services</td>
</tr>
<tr>
<td>HHH113</td>
<td>Interpersonal Communication</td>
</tr>
<tr>
<td>HHH203</td>
<td>Aged Services: Introduction</td>
</tr>
<tr>
<td>HHH204</td>
<td>Child and Family Services: Introduction</td>
</tr>
<tr>
<td>HHH205</td>
<td>Corrective Services: Introduction</td>
</tr>
<tr>
<td>HHH206</td>
<td>Disability Services: Introduction</td>
</tr>
<tr>
<td>HHH207</td>
<td>Services to Young People: Introduction</td>
</tr>
<tr>
<td>HHH212</td>
<td>Community Work</td>
</tr>
<tr>
<td>HHH214</td>
<td>Group and Team Practice</td>
</tr>
<tr>
<td>HHH215</td>
<td>Crisis and Conflict Resolution</td>
</tr>
<tr>
<td>HHH216</td>
<td>The Human Dimensions of Space</td>
</tr>
</tbody>
</table>

**Strand B - Australian Studies**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HHH109</td>
<td>Australian Historical Studies</td>
</tr>
<tr>
<td>HHH112</td>
<td>Australian Politics</td>
</tr>
<tr>
<td>HHH210</td>
<td>Indigenous Australia: Country, Kin and Culture</td>
</tr>
<tr>
<td>HHH237</td>
<td>Brisbane in the 20th Century (not on offer in 2002)</td>
</tr>
<tr>
<td>HHH245</td>
<td>Australia and the South Pacific</td>
</tr>
<tr>
<td>HHH249</td>
<td>Social Movements in Australia</td>
</tr>
<tr>
<td>HHH250</td>
<td>Australian Geographical Studies</td>
</tr>
<tr>
<td>HHH251</td>
<td>Australian Resource Management</td>
</tr>
<tr>
<td>HHH253</td>
<td>Conspiracy and Dissent in Australian History</td>
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<tr>
<td>HHH254</td>
<td>Indigenous Australian Culture Studies</td>
</tr>
<tr>
<td>HHH255</td>
<td>Indigenous Politics and Political Culture</td>
</tr>
<tr>
<td>HHH275</td>
<td>Human Rights: Australian Activism</td>
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</table>

**Strand C - Applied Ethics**

<table>
<thead>
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<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>HHH113</td>
<td>Interpersonal Communication</td>
</tr>
<tr>
<td>HHH203</td>
<td>Aged Services: Introduction</td>
</tr>
<tr>
<td>HHH204</td>
<td>Child and Family Services: Introduction</td>
</tr>
<tr>
<td>HHH205</td>
<td>Corrective Services: Introduction</td>
</tr>
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<td>HHH206</td>
<td>Disability Services: Introduction</td>
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<td>HHH207</td>
<td>Services to Young People: Introduction</td>
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<td>HHH212</td>
<td>Community Work</td>
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<td>HHH214</td>
<td>Group and Team Practice</td>
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<td>HHH215</td>
<td>Crisis and Conflict Resolution</td>
</tr>
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<td>HHH216</td>
<td>The Human Dimensions of Space</td>
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**Strand D - Ethical Practice**

<table>
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<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>HHH273</td>
<td>Reshaping Life and Death</td>
</tr>
<tr>
<td>HHH270</td>
<td>Gene Technology and Ethics</td>
</tr>
<tr>
<td>HHH273</td>
<td>Reshaping Life and Death</td>
</tr>
<tr>
<td>HHH264</td>
<td>Public and Professional Ethics</td>
</tr>
<tr>
<td>HHH266</td>
<td>Ethical Decision Making</td>
</tr>
<tr>
<td>HHH328</td>
<td>Researching Applied Ethics</td>
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</tbody>
</table>

**List B - Foundation Units**

<table>
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<tr>
<th>Course Code</th>
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</tr>
</thead>
<tbody>
<tr>
<td>HHH106</td>
<td>Australian Society and Culture</td>
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<tr>
<td>HHH210</td>
<td>Indigenous Australia: Country, Kin and Culture</td>
</tr>
<tr>
<td>HHH114</td>
<td>Introduction to Human Rights and Ethics</td>
</tr>
<tr>
<td>HHH103</td>
<td>Contemporary Social and Community Issues</td>
</tr>
<tr>
<td>HHH105</td>
<td>Interpreting Change</td>
</tr>
</tbody>
</table>

**List C - Foundation Units**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HHH274</td>
<td>Indigenous Australian Culture Studies</td>
</tr>
<tr>
<td>HHH275</td>
<td>Indigenous Politics and Political Culture</td>
</tr>
<tr>
<td>HHH276</td>
<td>Human Rights: Australian Activism</td>
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**List D - Foundation Units**

<table>
<thead>
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<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
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<td>Indigenous Australian Culture Studies</td>
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<tr>
<td>HHH278</td>
<td>Indigenous Politics and Political Culture</td>
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<td>HHH279</td>
<td>Human Rights: Australian Activism</td>
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**List E - Foundation Units**

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
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<td>Gene Technology and Ethics</td>
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<tr>
<td>HHH273</td>
<td>Reshaping Life and Death</td>
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<td>HHH264</td>
<td>Public and Professional Ethics</td>
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<td>HHH266</td>
<td>Ethical Decision Making</td>
</tr>
<tr>
<td>HHH328</td>
<td>Researching Applied Ethics</td>
</tr>
</tbody>
</table>

**Course Coordinator:** Dr Gavin Kendall

**Standard credit points per semester (full-time):** 48  
**Standard credit points per semester (part-time):** 24  
**Year 1, Semester 1**  
- Foundation Unit (List A)  
- Course Foundation Unit or HHH116  
- Course Foundation Unit (Primary Major) (List B)  
- Elective Unit

**Year 1, Semester 2**  
- Foundation Unit (List A)  
- Course Foundation Unit or HHH116  
- 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

**List A - Foundation Units**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HHH106</td>
<td>Australian Society and Culture</td>
</tr>
<tr>
<td>HHH210</td>
<td>Indigenous Australia: Country, Kin and Culture</td>
</tr>
<tr>
<td>HHH114</td>
<td>Introduction to Human Rights and Ethics</td>
</tr>
<tr>
<td>HHH103</td>
<td>Contemporary Social and Community Issues</td>
</tr>
<tr>
<td>HHH105</td>
<td>Interpreting Change</td>
</tr>
</tbody>
</table>

**Additional First Year Requirement**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HHH116</td>
<td>Applied Skills and Scholarship</td>
</tr>
</tbody>
</table>
### List B - Units of Study - Primary Major Study Areas

**Social Sciences**

<table>
<thead>
<tr>
<th>Code</th>
<th>Unit Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HHB115</td>
<td>Human Identity and Change</td>
</tr>
<tr>
<td>HHB264</td>
<td>Public and Professional Ethics</td>
</tr>
<tr>
<td>HHB265</td>
<td>The Just Society</td>
</tr>
<tr>
<td>HHB266</td>
<td>Ethical Decision Making</td>
</tr>
<tr>
<td>HHB267</td>
<td>Feminism and Ethics</td>
</tr>
<tr>
<td>HHB268</td>
<td>Vulnerable Identities</td>
</tr>
<tr>
<td>HHB269</td>
<td>Ethics, Technology and the Environment</td>
</tr>
<tr>
<td>HHB270</td>
<td>Gene Technology and Ethics</td>
</tr>
</tbody>
</table>

**Geography and Environmental Studies**

<table>
<thead>
<tr>
<th>Code</th>
<th>Unit Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HHB107</td>
<td>World Regions</td>
</tr>
<tr>
<td>HHB227</td>
<td>Environment and Society</td>
</tr>
<tr>
<td>HHB228</td>
<td>Environmental Hazards</td>
</tr>
<tr>
<td>HHB241</td>
<td>Women, Aid and Development (not on offer in 2002)</td>
</tr>
<tr>
<td>HHB250</td>
<td>Australian Geographical Studies</td>
</tr>
<tr>
<td>HHB229</td>
<td>Windows on Japan</td>
</tr>
</tbody>
</table>

**Advanced Seminar** (2nd/3rd year and Honours students)

<table>
<thead>
<tr>
<th>Code</th>
<th>Unit Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HHB312</td>
<td>Geographical Research Design</td>
</tr>
</tbody>
</table>

### List C - Units of Study - Secondary Major Study Areas

**Humanities and Human Services**

<table>
<thead>
<tr>
<th>Code</th>
<th>Unit Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HHB122</td>
<td>Colonialism and Independence in Asia Pacific</td>
</tr>
<tr>
<td>HHB246</td>
<td>Modern China (not on offer in 2002)</td>
</tr>
<tr>
<td>HHB229</td>
<td>Windows on Japan</td>
</tr>
<tr>
<td>HHB239</td>
<td>Korean Culture and Societies</td>
</tr>
<tr>
<td>HHB242</td>
<td>Pacific Culture Contact (not on offer in 2002)</td>
</tr>
<tr>
<td>HHB243</td>
<td>The Pacific Since 1945 (not on offer in 2002)</td>
</tr>
<tr>
<td>HHB245</td>
<td>Australia and the South Pacific</td>
</tr>
<tr>
<td>HHB244</td>
<td>South East Asia in Focus (not on offer in 2002)</td>
</tr>
<tr>
<td>HHB315</td>
<td>Sex and Drugs in South East Asia</td>
</tr>
<tr>
<td>HHB226</td>
<td>Consuming Cultures</td>
</tr>
<tr>
<td>HHB225</td>
<td>Australian History</td>
</tr>
<tr>
<td>HHB249</td>
<td>Social Movements in Australia</td>
</tr>
<tr>
<td>HHB232</td>
<td>Survey Methods</td>
</tr>
<tr>
<td>HHB225</td>
<td>Political Sociology</td>
</tr>
<tr>
<td>HHB235</td>
<td>Identities: The Body, Technology and Cyberspace (not on offer in 2002)</td>
</tr>
<tr>
<td>HHB310</td>
<td>Globalisation and Social Theory</td>
</tr>
<tr>
<td>HHB265</td>
<td>The Just Society</td>
</tr>
<tr>
<td>HHB266</td>
<td>Politics of Globalisation</td>
</tr>
</tbody>
</table>

**Political Studies**

<table>
<thead>
<tr>
<th>Code</th>
<th>Unit Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HHB112</td>
<td>Australian Politics</td>
</tr>
<tr>
<td>HHB230</td>
<td>Political Behaviour</td>
</tr>
<tr>
<td>HHB249</td>
<td>Social Movements in Australia</td>
</tr>
<tr>
<td>HHB255</td>
<td>Indigenous Politics and Political Culture</td>
</tr>
<tr>
<td>HHB265</td>
<td>The Just Society</td>
</tr>
<tr>
<td>HHB262</td>
<td>Political Ideologies</td>
</tr>
<tr>
<td>HHB263</td>
<td>Politics of Globalisation</td>
</tr>
<tr>
<td>HHB213</td>
<td>Social Policy Processes</td>
</tr>
<tr>
<td>HHB232</td>
<td>Survey Methods</td>
</tr>
<tr>
<td>HHB225</td>
<td>Political Sociology</td>
</tr>
<tr>
<td>HHB111</td>
<td>Issues in International and Global Studies</td>
</tr>
</tbody>
</table>

**Sociology**

<table>
<thead>
<tr>
<th>Code</th>
<th>Unit Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HHB104</td>
<td>Understanding Society: Introduction to Sociology (Course Foundation Unit - Compulsory)</td>
</tr>
<tr>
<td>HHB232</td>
<td>Survey Methods</td>
</tr>
<tr>
<td>HHB235</td>
<td>Sociological Theory *</td>
</tr>
<tr>
<td>HHB310</td>
<td>Globalisation and Social Theory</td>
</tr>
<tr>
<td>HHB224</td>
<td>Qualitative Research Methods</td>
</tr>
<tr>
<td>HHB231</td>
<td>Health, Society and Environment</td>
</tr>
<tr>
<td>HHB233</td>
<td>Sex, Gender and Society</td>
</tr>
<tr>
<td>HHB225</td>
<td>Political Sociology</td>
</tr>
<tr>
<td>HHB240</td>
<td>Sociology of Crime and Deviance</td>
</tr>
<tr>
<td>HHB235</td>
<td>Identities: The Body, Technology and Cyberspace (not on offer in 2002)</td>
</tr>
<tr>
<td>HHB236</td>
<td>Virgin, Saints and Sinners: Sociology of Religion</td>
</tr>
<tr>
<td>HHB111</td>
<td>Issues in International and Global Studies</td>
</tr>
<tr>
<td>HHB226</td>
<td>Consuming Cultures</td>
</tr>
<tr>
<td>HHB270</td>
<td>Gene Technology and Ethics</td>
</tr>
</tbody>
</table>

* Recommended for students wishing to take further studies in sociology, eg Honours and postgraduate

### Languages

**French**

<table>
<thead>
<tr>
<th>Code</th>
<th>Unit Title</th>
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<tbody>
<tr>
<td>HHB061</td>
<td>French 1</td>
</tr>
<tr>
<td>HHB063</td>
<td>French 3</td>
</tr>
<tr>
<td>HHB062</td>
<td>French 2</td>
</tr>
<tr>
<td>HHB064</td>
<td>French 4</td>
</tr>
<tr>
<td>HHB065</td>
<td>French 5</td>
</tr>
<tr>
<td>HHB066</td>
<td>French 6</td>
</tr>
<tr>
<td>HHB067</td>
<td>French 7</td>
</tr>
<tr>
<td>HHB068</td>
<td>French 8</td>
</tr>
<tr>
<td>HHB069</td>
<td>French 9</td>
</tr>
<tr>
<td>HHB070</td>
<td>French 10</td>
</tr>
<tr>
<td>HHB060</td>
<td>French for the Tourism Industry</td>
</tr>
<tr>
<td>HHB256</td>
<td>Europe Since 1945</td>
</tr>
</tbody>
</table>

**German**

<table>
<thead>
<tr>
<th>Code</th>
<th>Unit Title</th>
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<tbody>
<tr>
<td>HHB091</td>
<td>German 1</td>
</tr>
<tr>
<td>HHB093</td>
<td>German 3</td>
</tr>
<tr>
<td>HHB092</td>
<td>German 2</td>
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</table>

**Human Services**

<table>
<thead>
<tr>
<th>Code</th>
<th>Unit Title</th>
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<tbody>
<tr>
<td>HHB100</td>
<td>Introduction to Human Services</td>
</tr>
<tr>
<td>HHB103</td>
<td>Contemporary Social and Community Issues</td>
</tr>
<tr>
<td>HHB200</td>
<td>Working in Human Service Organisations</td>
</tr>
<tr>
<td>HHB220</td>
<td>Intervention Theories and Methods</td>
</tr>
<tr>
<td>HHB117</td>
<td>Introduction to Social Research Methods</td>
</tr>
<tr>
<td>HHB211</td>
<td>Casework and Case Management</td>
</tr>
<tr>
<td>HHB213</td>
<td>Social Policy Processes</td>
</tr>
<tr>
<td>HHB214</td>
<td>Group and Team Practice</td>
</tr>
<tr>
<td>HHB210</td>
<td>Indigenous Australia: Country, Kin and Culture</td>
</tr>
<tr>
<td>HHB215</td>
<td>Crisis and Conflict Resolution</td>
</tr>
<tr>
<td>HHB212</td>
<td>Community Work</td>
</tr>
<tr>
<td>HHB203</td>
<td>Aged Services: Introduction</td>
</tr>
<tr>
<td>HHB204</td>
<td>Child and Family Services: Introduction</td>
</tr>
<tr>
<td>HHB205</td>
<td>Corrective Services: Introduction</td>
</tr>
<tr>
<td>HHB206</td>
<td>Disability Services: Introduction</td>
</tr>
<tr>
<td>HHB207</td>
<td>Services to Young People: Introduction</td>
</tr>
</tbody>
</table>

**Note:** A Major Study Sequence consists of SIX sequenced Language Units and ONE compulsory Discipline Studies Unit.
Bachelor of Social Science (Human Services) (HH02/HS07)

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

**Year 1, Semester 2**
HHB113 Interpersonal Communication
HHB102 The Human Condition
HHB103 Contemporary Social and Community Issues
HHB114 Introduction to Human Rights and Ethics

**Year 2, Semester 1**
HHB220 Intervention Theories and Methods
HHB201 Initial Professional Practice
One elective unit from List B

**Year 2, Semester 2**
HHB222 Human Service Practice: Legal Dimension
HHB200 Working in Human Service Organisations
HHB221 Intervention Processes and Ethics
One elective unit from List C

**Year 3, Semester 1**
One elective unit from List C
One elective unit from List D
One elective unit from Lists B or C

Electives (Lists A-D)

**List A**
HBB106 Australian Society and Culture
HBB110 Introduction to International and Global Studies
HBB111 Issues in International and Global Studies
HBB105 Interpreting Change
HBB115 Human Identity and Change
HBB275 Human Rights: Australian Activism
HBB210 Indigenous Australia: Country, Kin and Culture
HBB112 Australian Politics

**List B - Available Semester 1 only**
HBB203 Aged Services: Introduction
HBB204 Child and Family Services: Introduction
HBB205 Corrective Services: Introduction
HBB206 Disability Services: Introduction
HBB207 Services to Young People: Introduction

**List C - Available Semester 1 or 2 as indicated**
HBB117 Introduction to Social Research Methods
HBB215 Crisis and Conflict Resolution
HBB212 Community Work
HBB211 Casework and Case Management
HBB213 Social Policy Processes
HBB214 Group and Team Practice
HBB210 Indigenous Australia: Country, Kin and Culture

**List D - Available Semester 1 only**
HBB303 Aged Services: Advanced
HBB304 Child and Family Services: Advanced
HBB305 Corrective Services: Advanced
HBB306 Disability Services: Advanced
HBB307 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 three schools:

• School of Computing Science
• School of Data Communications
• School of Information Systems

As well as the knowledge gained from many years of running successful courses, Information Technology (IT) at QUT benefits from its close links to 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 more than 3000 students, with 25 per cent being international students from some 15 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 promote practical teaching and leadership in applied research that directly benefits industry and 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 Algeria, Canada, France, Germany, Holland, Hungary, Israel, Malaysia, New Zealand, Poland, Singapore, Taiwan, UK, USA, and Vietnam.

SENIOR STAFF

Faculty Office

Dean: Professor K.J. Gough, MSc PhD Well., FNZEI, MIEEE, MACM, MACS

Director of Research: Professor B. Pham, PhD Tas, DipEd

Monash, ACM, IEEE, ACSC, APRS

Director of Teaching and Learning: Associate Professor

Christine Bruce, BA Qld, GradDipLibSc QUT, MED(Res) QUT, PhD UNE

Assistant Dean (Postgraduate): R.W. Smyth, BA DipEd

DipInPrac Qld, MSc Aston, MACS

Assistant Dean (Undergraduate): M.G. Roggenkamp, BEd James

Cook, DipCompSc MScSt Qld, MACS, MACM, AIEEE

Administration Manager: C.M. Stephens, BA UNE,

GradCertHigherEd Griff

School of Computing Science and Software Engineering

Head: Associate Professor G.M. Mohay, BSc(Hons) W.Aust.,

PhD Monash, MACS, MACM, MIEEE

Associate Professor: P. Roe, MEng(Hons) York, PhD Glas.,

MACM

School of Data Communications

Head: Professor W. Caelli, BSc(Hons) N’cle(NSW), PhD ANU,

FACS, FTICA, MIEEE

Professor: E. Dawson, BSc DipEd Wash., MA Syd., MlittSt MSc

Qld, PhD, FTICA, MIEEE, MCMSA, MIACR

Associate Professors:

Dr. C. Boyd, BSc, PhD, C.Math,

M. Looi, BEng(Hons), BAppSc, PhD, MIEEE, MACS, C.Dec

School of Information Systems

Head: Associate Professor B.A. Underwood, BBus QIT,

MS(MIS) TexasTech, MBA Qld, PhD, FACS, PCP

Professor: G. Gable, DipCompSys NAIT, Bcom Alta, MBA

W. Ontario, PhD Brad., ACS, AIR, IRMA

Associate Professors:

A. ter Hofstede, MSc PhD KUN

M. Rosemann, MBA Minster, Germany

RESEARCH CENTRES

Cooperative Information Systems Research Centre (CIS)
The centre aims to develop generic technology to support the next generation of information systems which will be able to access, synthesise and reason about large volumes of distributed information.

Director: Associate Professor A. ter Hofstede, MSc PhD KUN

Phone: +61 7 3864 2639

Information Systems Management Research Centre (ISMRC)
Information Systems Management (ISM) is broadly concerned with the management of information and related information technology in an organisational context.

Director: Professor G. Gable, DipComSys NAIT, BCom Alta,

MBA W. Ontario, PhD Brad., ACS, AIR, IRMA

Phone: +61 7 3864 2639

Information Security Research Centre (ISRC)
The centre’s activities focus on the control, management and security of computer systems and networks.

Director: Professor E. Dawson, BSc DipEd Wash., MA Syd.,

MlittSt MSc Qld, PhD, FTICA, MIEEE, MCMSA, MIACR

Phone: +61 7 3864 2846

Programming Learning and Systems Research Centre (PLASRC)
The Programming Learning and Systems Centre conducts research in the broad area of programming languages and their implementation, program environments and operating systems, and software tools.

Director: Associate Professor P. Roe, MEng(Hons) York, PhD Glas.,

MACM

Phone: +61 7 3864 1963

Smart Devices Research Group
The focus of the Smart Devices Research Program is unique in Australia and relates directly to existing and emerging consumer markets ranging from home automation and personal productivity devices to computer animated games and toys. The research Program aims at becoming a valuable resource for research and education to the emerging smart devices industry.

Director: Dr. Joaquin Sitte, PhD Uppsala, Sweden, SMIEEE

Phone: +61 7 3864 9321
Master of Information Technology (Research) (IT60)

Award title: Master of Information Technology (Research)
CRICOS code: 020309B
Location: Gardens Point
Course duration (full-time): 1 year minimum (2 semesters), 2 years maximum (4 semesters)
Course duration (part-time): 2 years minimum (4 semesters), 4 years maximum (8 semesters)
Total credit points: 144
Course coordinator: Associate Professor Colin Boyd

Entry requirements
An approved degree in information technology from a recognised tertiary institution or an equivalent qualification, OR evidence of qualifications to satisfy the academic board that the applicant possesses the capacity to pursue the course of study. An essential step in gaining admission to the degree is the choice of a research topic and the formulation of a research plan which meets with the Faculty’s approval. Students should discuss their research proposal with Faculty staff at an early stage.

Course Structure
Students may undertake the Master of Information Technology (Research) either full-time or part-time. The minimum time prescribed is one and a half years full-time (including six months of provisional registration) or three years part-time (including one year of provisional registration). The maximum time is three years full-time (including one year of provisional registration) or six years part-time (including two years of provisional registration). Students may apply for a reduction in the minimum time requirement if they are able to demonstrate exceptional circumstances relating to their academic or professional background.

Course Rules

Introduction
The objectives of the course are:

• to provide postgraduate educational opportunities in specialised fields of information technology by means of a program which involves either an original contribution to knowledge or an original application of existing knowledge;
• to provide postgraduate students with education in research processes in information technology;
• to enable graduates employed in industry to undertake further education by research and thesis;
• to enable students employed in industrial organisations and external agencies to undertake research projects related to their professional development;
• to further the relationships that exist between the University and industry or other external agencies engaged in information technology to their mutual advantage.

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 the University Academic Board.
1.3 The Research Management Committee has delegated responsibility for day-to-day administration of research master degrees to faculty academic boards. This program is administered by the academic board of the Faculty of Information Technology through its Faculty Research Committee. The Research Committee shall report biannually to the Research Management Committee on progress made by research masters degree candidates.
1.4 In order to qualify for the award of the degree of Master of Information Technology (Research), a candidate must:
• have completed the approved course of study under the supervision prescribed by the Faculty Research Committee;
• have submitted and the Faculty Research Committee have accepted a thesis prepared under the supervision of the supervisor;
• have completed any other work prescribed by the Faculty Research Committee; and
• have submitted to the Faculty Research Committee a declaration signed by the candidate that he/she has 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 The minimum academic qualifications for admission to a program leading to a Master of Information Technology (Research) shall be:
• possession of a bachelor degree in information technology or other approved degree from the Queensland University of Technology; or
• possession of an equivalent qualification; or
• submission of such other evidence of qualifications as will satisfy the Faculty Research Committee that the applicant possesses the capacity to pursue the course of study.
2.4 An application for registration must include the applicant’s proposed program of research and investigation. The program should state the proposed thesis title, coursework to be undertaken (if any), and the area of study within which the applicant’s course lies. It should describe the aim of the program, the background research in this area and the significance of the program’s success. A research plan for the period of masters by research candidature should also be included.
2.5 In considering an applicant for registration the Faculty Research Committee shall, in addition to assessing the applicant’s 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. 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.
2.7 A candidate shall receive confirmed registration as a graduate student when he or she:
• has been accepted for provisional registration in the Faculty of Information Technology and has met the requirements of the faculty’s confirmation procedures, which are: (i) submission of a written progress report, detailing the results of both coursework and research work to date; (ii) presentation of a public seminar defending the proposed research plan; and (iii) interview with a review panel which normally consists of three members of the faculty’s academic staff; and when
• the Faculty Research Committee has approved confirmed registration.
2.8 Applicants holding an appropriate and current honours degree or its equivalent may apply to the Faculty Research Committee for confirmed enrolment on admission. Such applicants approved by the Faculty Research Committee shall have individual minimum and maximum completion times specified.
2.9 The Faculty Research Committee may cancel a candidate’s registration, after consulting the relevant supervisors and having
taken account of all relevant circumstances and having given the candidate opportunity to show cause why it should not do so:

- 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 (see Section 4); or
- if the quality and progress of research gives no reasonable expectation of successful completion of the degree; or
- if the candidate’s performance in coursework undertaken is considered unsatisfactory.

2.10 A candidate whose registration has lapsed or has been cancelled and who wishes subsequently to re-enter the course to undertake a research program which is the same or essentially the same as the previous program may be re-admitted under such conditions as the Faculty Research Committee may prescribe.

3. Course of Study

3.1 A candidate for the degree of Master of Information Technology (Research) shall undertake a program of research and investigation on a topic approved by the Faculty Research Committee. 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 technical 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 A candidate may be required by the Faculty Research Committee to undertake an appropriate course of study concurrently with the research program. The course of study normally will include:

- 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.

3.4 The research project undertaken by the candidate may be either internal or external. An external project is one which comprises research and investigation based at a place of employment or sponsoring institution. Normally, support of the sponsoring institution for the candidate’s application is required for registration.

3.5 Coursework at masters level demands a capacity for critical analysis and a specialisation of research interests not normally appropriate for an undergraduate program.

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.

3.6 Coursework will occupy not more than a third of the total period of registration.

4. Period of Time for Completion of Course of Study

4.1 A full-time student shall normally be eligible for confirmation of registration after a period of at least six months has elapsed from initial registration. The corresponding period in the case of a part-time student shall be normally at least 12 months.

4.2 Students initially admitted as provisionally enrolled students shall present the thesis for examination after a minimum period of at least 18 months and within a maximum period of three years for a full-time student or a minimum period of at least three years and within a maximum period of five years for a part-time student. In special cases the Faculty Research Committee 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 candidate’s progress shall be presented to the Faculty Research Committee together with the reasons for the delay in completing the course and the expected date of completion. Where the Faculty Research Committee agrees to an extension, it may set a limit to the maximum period of registration in the program.

5. Supervision

5.1 For each candidate the Faculty Research Committee shall appoint two or more supervisors with appropriate experience provided that one shall be nominated as the Principal Supervisor and others as associate supervisors.

5.2 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.

5.3 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.

5.4 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 Faculty Research Committee on the student’s work. This report shall be seen by the candidate before submission to the Faculty Research Committee.

6. Place and Conditions of Work

6.1 The research program must normally be carried out under supervision in a suitable environment in Australia.

6.2 The Faculty Research Committee 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 and/or director of 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 the school/department is willing to undertake the responsibility of supervising the applicant’s work.

6.3 The Faculty Research Committee 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 he/she is willing to accept responsibility for supervising the applicant’s work, and
- a statement from the head of school or director of centre in which the study is proposed that, in his or her 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/department 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 the provisions of the document Requirements for Presenting Theses.

7.2 Not later than six months after confirmed registration the candidate shall submit the title of the thesis for approval by the Faculty Research Committee. After approval has been granted, no change shall be made except with the permission of the Faculty Research Committee.

7.3 The candidate shall give two months’ notice of intention to submit the thesis. Such notice shall be accompanied by the appropriate fee, if any.

7.4 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 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 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.

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 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 Research Management 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.

8. Examination of Thesis

8.1 The Faculty Research Committee shall appoint at least two examiners of whom at least one shall be from outside the University.

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

8.3 The thesis is forwarded to the examiners only after satisfactory internal assessment of the work. A candidate will normally be required to present a seminar. This internal assessment is conducted by a panel of three, nominated by the Faculty and chaired by the Principal Supervisor. Each member of the panel must receive a copy of the draft thesis (temporary binding) 14 days prior to the seminar.

8.4 On receipt of satisfactory reports from the examiners, and when the provisions of Section 7.1 have been fulfilled, the Faculty Research Committee shall recommend that the candidate be awarded the degree.

8.5 If the examiners’ reports are conflicting, the Faculty Research Committee may, after appropriate consultation with the Principal Supervisor:

• seek advice from a further external examiner, or
• not award the degree.

8.6 If, on the basis of the examiners’ reports, the Faculty Research Committee 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 student’s registration.

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)

Master of Information Technology (IT Graduate) (IT40)

Award title: Master of Information Technology (Study Area A)

CRICOS code: 003776E

Location: Gardens Point

Course duration (full-time): 1.5 years

Course duration (part-time): 3 years

Total credit points: 144

Course coordinator: Mr Bob Smyth

Overview

This program is designed for Information Technology graduates who wish to update and upgrade their knowledge and skills for purposes of further career development. The course assists IT graduates to acquire specialised knowledge in an area of information technology and/or widen their knowledge into new areas of information technology. The course offers approximately 60 units spread across the broad areas of Software Engineering, Data Communications and Information Systems. A specialisation in Electronic Commerce is available.

Entry requirements

Students can elect to be admitted to either the Graduate Diploma in Information Technology (IT35) or the Master of Information Technology (IT40). Students who complete IT35 can subsequently seek admission to IT40 and are only required to undertake an additional four units to meet the requirements for the Masters degree. Applicants for either IT35 or IT40 must have:

a) a bachelors degree in Information Technology with a grade point average of at least 4.5 (7-point scale) OR b) provide other evidence of such qualifications and level of performance, as will satisfy the Dean of Faculty that the applicant possesses the capacity to pursue the course of study.

Course Structure

Block A Units

Data Communications Units

ITN523 Data Security
ITN524 Internetworking
ITN529 Network Services
ITN549 Error Control and Data Compression
ITN566 Introduction to Cryptology

Information Systems Units

ITN219 Application Programming
ITN220 Major Issues in Information Technology
ITN227 Web Applications
ITN232 Database Systems
ITN236 Object-Oriented Analysis & Design
ITN242 Data Warehousing for Decision Support
ITN322 Information Resources
ITN330 Information Issues

Software Engineering Units

ITN413 Computer Architecture
ITN414 Software Development 3
ITN415 Object Technology
ITN424 Software Engineering Principles
ITN427 Concurrent and Distributed Systems
ITN433 Programming Languages
ITN441 Foundations of Artificial Intelligence
ITN456 Graphic User Interfaces
ITN461 Foundations of Neurocomputing

Block B Units

Data Communications Units

ITN100 Research Methodology
ITN525 Network Administration
ITN527 Network Technologies
ITN529 Network Services
ITN531 Network Security
ITN533 Comparative Network Systems
ITN536 Topics in Security
ITN551 Network Planning
ITN556 Advanced Topics in Cryptology
ITN565 Network Management
ITN567 Access Control
ITN568 Wireless Networks
ITN569 Network Security for E-Commerce
ITN578 Minor Project 1 (DC)
Information Systems Units
ITN100 Research Methodology
ITN244 Special Topic 1a
ITN251 Issues in Information Technology Management
ITN253 Case Studies in Enterprise Systems
ITN254 Interactivity Design
ITN257 Multimedia Systems
ITN258 ABAP Programming
ITN260 E-Commerce Site Development
ITN262 E-Commerce Technologies
ITN263 Web Intelligence for E-Commerce
ITN335 Digital Libraries
Software Engineering Units
ITN100 Research Methodology
ITN421 Software Specification
ITN431 Distributed Systems
ITN432 Advanced Programming Laboratory
ITN434 Parallel Computing
ITN440 Graphics
ITN443 Neurocomputing
ITN445 Pattern Recognition
ITN447 Special Studies
ITN450 Compiler Laboratory
ITN451 Issues in Information Technology Management
ITN452 Comparative Programming Languages
ITN453 Software Quality Assurance
ITN454 Software Development for the WWW
General Electives
LWS400 Law of Information Technology
MGB218 Venture Skills

Project Units
Each School offers 12, 24 and 48 credit point projects.

■ Master of Information Technology (Non-IT Graduates) (IT45)
Award title: Master of Information Technology
CRICOS code: 003776E
Location: Gardens Point
Course duration (full-time): 1.5 years
Course duration (part-time): 3 years
Total credit points: 144
Course coordinator: Mr Bob Smyth

Entry requirements
Students can elect to be admitted to either the Graduate Diploma in Information Technology (IT38) or the Master of Information Technology (IT45). Students who complete IT38 can subsequently seek admission to IT45 and are only required to undertake an additional four units to meet the requirements for the Masters degree. Applicants for either IT38 or IT45 must have: a Bachelors degree in a discipline other than Information Technology with a grade point average of at least 4.5 (7 point scale) AND have successfully completed, at undergraduate level, an introductory programming unit in a block structured language, for example: C, Java, Modula 2 or Pascal OR provide other evidence of such qualifications and level of performance, as will satisfy the Dean of Faculty that the applicant possesses the capacity to pursue the course of study.

Course Structure
To graduate from the Master of Information Technology (IT45) students are required to complete 12 units, consisting of:
3 x Block 1: Compulsory Introductory units
3 x Block 2: Intermediate units
3 x Block 3: Advanced Level units
3 units selected from any of the above blocks, no more than one of which can be selected from Block 1.

To exit the Masters course with a Graduate Diploma in Information Technology (IT38), students are required to have completed 8 units, consisting of:
3 x Block 1: Compulsory Introductory Units
3 x Block 2: Intermediate Units
2 units selected from Blocks 1, 2 or 3, no more than one of which can be selected from Block 1.

To exit the Masters course with a Graduate Certificate in Information Technology (IT18), students are required to have completed 4 units, consisting of:
3 x Block 1: Compulsory Introductory Units
1 unit selected from either Block 1 or Block 2 units.

Students who have completed the Graduate Diploma in Library and Information Studies (IT25) with a Grade Point Average of at least 4.5 will receive 96 credit points of exemptions towards the Master of Information Technology (IT45) and will complete the following program of studies:
ITN510 Data Communications
ITN350 Information Contexts
2 elective units to be selected in consultation with the Course Coordinator

Course structure
Block 1: Introductory Units Compulsory Units
ITN412 Technology of Information Systems
ITN212 Information Modelling for Databases
ITN410 Software Principles
ITN510 Data Communications
ITN449 Error Control and Data Compression
ITN524 Internetworking
ITN415 Object Technology
ITN523 Data Security
ITN412 Technology of Information Systems
ITN549 Introduction to Cryptology
ITN567 Access Control
ITN414 Software Development 3
ITN566 Network Security for E-Commerce
ITN510 Data Communications
ITN525 Issues in Information Technology Management
ITN461 Foundations of Neurocomputing
ITN469 Unix System Programming and Administration
ITN466 Component Technology
ITN460 Data Communications
ITN448 Java and Extensible Programming
ITN443 Neurocomputing
ITN447 Special Studies
ITN427 Concurrent and Distributed Systems
ITN445 Pattern Recognition

Block 2: Intermediate Units
Computing Science
ITN413 Computer Architecture
ITN414 Software Development 3
ITN415 Object Technology
ITN424 Software Engineering Principles
ITN427 Concurrent and Distributed Systems
ITN433 Programming Languages
ITN440 Graphics
ITN441 Foundations of Artificial Intelligence
ITN445 Pattern Recognition
ITN454 Software Quality Assurance
ITN456 Graphic User Interfaces
ITN461 Foundations of Neurocomputing

Data Communications
ITN523 Data Security
ITN524 Internetworking
ITN549 Error Control and Data Compression
ITN566 Introduction to Cryptology
ITN567 Access Control
ITN569 Network Security for E-Commerce

Information Systems
ITN219 Application Programming
ITN220 Major Issues in Information Technology
ITN223 4GL Systems
ITN227 Web Applications
ITN232 Database Systems
ITN242 Data Warehousing for Decision Support
ITN251 Issues in Information Technology Management
ITN322 Information Resources
ITN330 Information Issues

Block 3: Advanced Units
Computing Science
ITN420 Comparative Programming Languages
ITN421 Software Specification
Entry Requirements

An approved degree in information technology from a recognised tertiary institution

OR

professional recognition through an equivalent course of study or examination

OR

evidence of qualifications (for example Recognised Prior Learning) that satisfy the Faculty that you possess the capacity to pursue the course of study

AND

at least two year's appropriate full-time work experience.

Course Structure

The Master of Information Technology (Professional) is offered in two formats:

- the standard masters option of 12 units (144 credit points) completed over six semesters flexible/external; or

- completion of two Graduate Certificates in Information Technology (4 units or 48 credit points each) followed by a further 48 credit points to complete the Masters.

Software Engineering Module

ITN480 Component Technology

ITN481 Object Technology

ITN482 Extensible Programming and Java

ITN483 Software Engineering and Quality Assurance

ITN484 Distributed Systems

ITN485 Windows NT Administration

ITN486 Windows Programming

It is recommended that ITN481 should be one of the first units completed in this module

Information Security Module

ITN581 Cryptographic Fundamentals and Applications

ITN582 Information Security Management

ITN583 Network, Internetwork and Distributed Systems Security

ITN584 Access Control and Smart Cards

ITN590 Industry Based Project (Information Security)

Enterprise Wide Software

ITN283 Issues in Information Technology Management

Units with a Strategic Focus

ITN282 Case Studies in Enterprise Wide Systems

ITN284 Project in Enterprise Systems

ITN285 Knowledge Management

ITN286 Process Engineering and EWS

ITN290 Project (Knowledge Management)

ITN291 Project in Process Engineering

Units with a Technical Focus

ITN281 ABAP Programming

ITN287 R/3 Systems Administration

ITN288 Project (ABAP Project)

ITN289 Project (R/3 Systems Administration)

Projects

ITN180 Major Project (IS)

ITN183 Major Project (CS)

ITN185 Major Project (DC)

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

Entry requirements

Students can elect to be admitted to either the Graduate Diploma in Information Technology (IT35) or the Master of Information Technology (IT40). Students who complete IT35 can subsequently seek admission to IT40 and are only required to undertake an additional four units to meet the requirements for the Masters degree. Applicants for either IT35 or IT40 must have:

a) a bachelor's degree in Information Technology with a grade point average of at least 4.5 (7-point scale) OR
b) provide other evidence of such qualifications and level of performance, as will satisfy the Dean of Faculty that the applicant possesses the capacity to pursue the course of study

Course Structure

For information on the more than 60 units available in this course, please visit the Faculty’s Home Page: www.fit.qut.edu.au.
Block A Units
Data Communications Units
ITN523 Data Security
ITN524 InterNetworking
ITN529 Network Services
ITN549 Error Control and Data Compression
ITN566 Introduction to Cryptology

Information Systems Units
ITN219 Application Programming
ITN220 Major Issues in Information Technology
ITN227 Web Applications
ITN232 Database Systems
ITN236 Object-Oriented Analysis & Design
ITN322 Information Resources
ITN330 Information Issues

Software Engineering Units
ITN413 Computer Architecture
ITN414 Software Development 3
ITN415 Object Technology
ITN424 Software Engineering Principles
ITN427 Concurrent and Distributed Systems
ITN433 Programming Languages
ITN441 Foundations of Artificial Intelligence
ITN456 Graphic User Interfaces
ITN461 Foundations of Neurocomputing

Block B Units
Data Communications Units
ITN100 Research Methodology
ITN525 Network Administration
ITN527 Network Technologies
ITN529 Network Services
ITN531 Network Security
ITN533 Comparative Network Systems
ITN536 Topics in Security
ITN551 Network Planning
ITN556 Advanced Topics in Cryptology
ITN565 Network Management
ITN567 Access Control
ITN568 Wireless Networks
ITN569 Network Security for E-Commerce
ITN578 Minor Project (1 Ec)

Information Systems Units
ITN100 Research Methodology
ITN244 Special Topic 1a
ITN251 Issues in Information Technology Management
ITN253 Case Studies in Enterprise Systems
ITN254 Interactivity Design
ITN257 Multimedia Systems
ITN258 ABAP Programming
ITN259 Advanced Topics in Cryptology
ITN260 E-Commerce Site Development
ITN263 Web Intelligence for E-Commerce
ITN335 Digital Libraries

Software Engineering Units
ITN100 Research Methodology
ITN410 Software Principles
ITN412 Technology of Information Systems
ITN431 Distributed Systems
ITN432 Advanced Programming Laboratory
ITN434 Parallel Computing
ITN440 Graphics
ITN443 Neurocomputing
ITN445 Pattern Recognition
ITN447 Special Studies
ITN450 Compiler Laboratory
ITN451 Research Literature Studies
ITN454 Software Quality Assurance
ITN456 Windows Programming
ITN457 Java and Extensible Programming
ITN466 Component Technology
ITN469 Unix System Programming and Administration
ITN470 Windows 2000 System Programming and Administration
ITN471 Software Development for the WWW

General Electives
LWS400 Law of Information Technology
MGB218 Venture Skills

Project Units
Each School offers 12, 24 and 48 credit point projects.
Graduate Diploma in Library and Information Studies (IT25)

Award title: Graduate Diploma in Library and Information Studies
CRICOS code: 006379E
Location: Gardens Point
Course duration (full-time): 1 year
Course duration (part-time): 2 years
Total credit points: 96
Course coordinator: Dr Neville Meyers

Entry requirements
Applicants must hold an appropriate degree or a three-year diploma from a recognised tertiary institution in a discipline other than library science AND have completed a degree-level introductory unit in computing e.g. ITB829 Introduction to Information Systems or BSB112 Introduction to Electronic Commerce. Completion of other subjects not listed on the approved prerequisite units list must be accompanied by a unit abstract or similar document highlighting the relevant content.

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.

Full-time Course Structure
Year 1, Semester 1
- ITN211 Systems Analysis and Design
- ITN266 Principles of Information Management
- ITN336 Information Sources 1
- ITN337 Information Organisation 1

Year 1, Semester 2
- ITN338 Information Resources Provision
- ITN339 Professional Practice
- ITN265 Management of Information Programs
  One unit selected from the following:
- ITN330 Information Issues
- ITN212 Information Modelling for Databases
- ITN335 Digital Libraries
- ITN361 Information User Instruction

Part-time Course structure
Year 1, Semester 1
- ITN337 Information Organisation 1
- ITN336 Information Sources 1

Year 1, Semester 2
- ITN338 Information Resources Provision
- ITN265 Management of Information Programs

Year 2, Semester 1
- ITN211 Systems Analysis and Design
- ITN266 Principles of Information Management

Year 2, Semester 2
- ITN339 Professional Practice
  One unit selected from the following
- ITN330 Information Issues
- ITN212 Information Modelling for Databases
- ITN335 Digital Libraries
- ITN361 Information User Instruction

Graduate Certificate in Information Technology (Enterprise Wide Software) (IT93)

Award title: Graduate Certificate in Information Technology (Enterprise Wide Software)
Location: Gardens Point and External
Course duration (full-time): 1 semester
Course duration (part-time): 2 semesters
Total credit points: 48
Course coordinator: Mr Glenn Stewart
Entry requirements
An approved degree in information technology from a recognised tertiary institution OR professional recognition through an equivalent course of study or examination OR evidence of qualifications (for example Recognised Prior Learning) that satisfy the Faculty that the applicant possesses the capacity to pursue the course of study AND at least two years appropriate full-time work experience.

Master of Information Technology (Professional)
Refer to Master of Information Technology (Professional) (IT50). This course provides the opportunity for students to undertake two Graduate Certificates in Information Technology (4 units of 12 credit points) followed by a further 48 credit points to complete the masters. This format allows students to undertake small packages of study (four units) at their own pace while working towards the masters.

Course structure
To graduate from the Graduate Certificate students are required to complete 4 units. Choose four units from:
- ITN283 Issues in Information Technology Management
- ITN282 Case Studies in Enterprise Wide Systems
- ITN284 Project in Enterprise Systems
- ITN285 Knowledge Management
- ITN286 Process Engineering and EWS
- ITN290 Project (Knowledge Management)
- ITN291 Project in Process Engineering

Technical Focus
- ITN281 ABAP Programming
- ITN287 R/3 Systems Administration
- ITN288 Project (ABAP Project)
- ITN289 Project (R/3 Systems Administration)

Graduate Certificate in Information Technology (Generic) (IT97)
Award title: Graduate Certificate in Information Technology (Generic)
Location: Gardens Point and External
Course duration (full-time): 1 semester
Course duration (part-time): 2 semesters
Total credit points: 48
Course coordinator: Mr Glenn Stewart

Entry requirements
An approved degree in information technology from a recognised tertiary institution OR professional recognition through an equivalent course of study or examination OR evidence of qualifications (for example Recognised Prior Learning) that satisfy the Faculty that the applicant possesses the capacity to pursue the course of study AND at least two years appropriate full-time work experience.

Master of Information Technology (Professional)
Refer to Master of Information Technology (Professional) (IT50). This course provides the opportunity for students to complete two Graduate Certificates in Information Technology (4 units of 12 credit points) followed by a further 48 credit points to complete the masters. This format allows students to undertake small packages of study (four units) at their own pace while working towards the masters.

Course structure
To graduate from the Graduate Certificate students are required to complete 4 units. Choose four from the following:
- ITN581 Cryptographic Fundamentals and Applications
- ITN582 Information Security Management
- ITN583 Network, Internetwork and Distributed Systems Security
- ITN584 Access Control and Smart Cards
- ITN590 Industry Based Project (Information Security)

Graduate Certificate in Information Technology (Project) (IT95)
Award title: Graduate Certificate in Information Technology (Project)
Location: Gardens Point and External
Course duration (full-time): 1 semester
Course duration (part-time): 2 semesters
Total credit points: 48
Course coordinator: Mr Glenn Stewart

Entry requirements
An approved degree in information technology from a recognised tertiary institution OR professional recognition through an equivalent course of study or examination OR evidence of qualifications (for example Recognised Prior Learning) that satisfy the Faculty that the applicant possesses the capacity to
pursue the course of study AND at least two years appropriate full-time work experience.

Overview
Students undertake a substantial project relevant to the needs of commerce or industry. The project should require about 680 hours of work. Ideally, the project will be set in the students workplace.

Master of Information Technology (Professional)
Refer to Master of Information Technology (Professional) (IT50). This course provides the opportunity for students to complete two Graduate Certificates in Information Technology (4 units of 12 credit points) followed by a further 48 credit points to complete the masters. This format allows students to undertake small packages of study (four units) at their own pace while working towards the masters.

Course structure
Full-time
ITN180 Major Project (IS)
ITN183 Major Project (CS)
ITN185 Major Project (DC)

■ Graduate Certificate in Information Technology (Software Engineering) (IT91)
Award title: Graduate Certificate in Information Technology (Software Engineering)
Location: Gardens Point and External
Course duration (full-time): 1 semester
Course duration (external): 2 semesters
Total credit points: 48
Course coordinator: Mr Glenn Stewart

Entry Requirements
An approved degree in information technology from a recognised tertiary institution OR professional recognition through an equivalent course of study or examination OR evidence of qualifications (for example Recognised Prior Learning) that satisfy the Faculty that the applicant possesses the capacity to pursue the course of study AND at least two years’ appropriate full-time work experience.

Master of Information Technology (Professional)
Refer to the Master of Information Technology (Professional) (IT50). This course provides the opportunity for students to complete two Graduate Certificates in Information Technology (4 units of 12 credit points) followed by a further 48 credit points to complete the masters. This format allows students to undertake small packages of study (four units) at their own pace while working towards the masters.

Course structure
To graduate from the Graduate Certificate students are required to complete 4 units. Choose four units from:
ITN480 Component Technology
ITN481 Object Technology
ITN482 Extensible Programming and Java
ITN483 Software Engineering and Quality Assurance
ITN484 Distributed Systems
ITN485 Windows NT Administration
ITN486 Windows Programming

■ Bachelor of Information Technology (Honours) - Accelerated Program (IT31)
Award title: Bachelor of Information Technology (Honours)
Course duration (full-time): 2 semesters
Total credit points: 96
Course coordinator: Dr Jim Hogan

Entry Requirements
Overall GPA of 5.50 or above in IT21 Bachelor of Information Technology prior to the final semester of IT21.

July Entry - Course structure
Concurrent enrolment with IT21 Year 3 Semester 2
Honours elective
Summer (Year 3 of IT21)
ITN110 Project (Honours)
ITN100 Research Methodology
ITN132-1 Dissertation 2 (IS)
OR
ITN134-1 Dissertation 2 (CS)
OR
ITN135-1 Dissertation 2 (DC)
Year 4, Semester 1 of IT21
Honours elective
Honours elective
Honours elective
Honours elective
ITN132-2 Dissertation 2 (IS)
OR
ITN134-2 Dissertation 2 (CS)
OR
ITN135-2 Dissertation 2 (DC)

February Entry - Course structure
Feb - Concurrent enrolment with IT21 Year 3 Semester 2
Honours elective

July
ITN100 Research Methodology
Honours elective
Honours elective
Honours elective

Summer
ITN110 Project (Honours)
ITN122 Dissertation (Is)
ITN124 Dissertation 2 (Cs)
ITN125 Dissertation 2 (Dc)

■ Bachelor of Information Technology (Honours) (IT30)
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 Jim Hogan

Entry requirements
A Bachelor of Information Technology from QUT or its equivalent, completed within 18 months prior to enrolment with a minimum grade point average of 5 on a 7-point scale or its equivalent OR demonstrated outstanding performance in the final year of the degree OR work experience or research considered appropriate by the Course Coordinator.

The “Accelerated” Honours Program
The ‘Accelerated Honours’ program has been structured to provide an incentive for high achieving Bachelor of Information Technology (IT21) students to continue into the Faculty’s Honours Program. See IT31 for further information.

Course structure
Full-time Course Structure - Year 1, Semester 1
ITN100 Research Methodology
ITN110 Project (Honours)
Elective
Elective
Full-time Course Structure - Year 1, Semester 2
Elective
Elective
Select one of the following:
ITN122 Dissertation (IS)
ITN124 Dissertation 2 (CS)
ITN125 Dissertation 2 (DC)
Elective Units - with approval of course coordinator, elective units may be chosen from advanced level units normally in the area of student’s undergraduate major. Full-time students should be aware many electives may only be offered evenings only.
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: Mr Mike Roggenkamp

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. It is a year when students undertake an industry placement applying theory to practical situations.

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 departments, Dialog, TABQ, RACQ, Sun Microsystems. Students must have a Grade Point Average (GPA) of 4.5 (on a 7-point scale) or have passed all units at the first attempt and must not exceed 96 credit points of exemptions for prior studies. Students receive ungraded credit for successful completion of the program, currently equivalent to one unit (12 credit points). For more information visit the Faculty’s Cooperative Education program home page at www.fit.qut.edu.au.

Common First Year – Full-time course structure

Year 1, Semester 1
ITB106 Foundations of Computing
ITB225 Introduction to Databases
ITB410 Software Development 1
ITB412 Technology of Information Systems

Year 1, Semester 2
ITB107 Programming Laboratory
ITB310 Organisational Information Systems
ITB411 Software Development 2
ITB510 Data Communications

Common First Year – Part-time Course structure

Year 1, Semester 1
ITB310 Organisational Information Systems
ITB510 Data Communications

Year 1, Semester 2
ITB410 Software Development 1
ITB225 Introduction to Databases

Year 2, Semester 1
ITB107 Programming Laboratory
ITB411 Software Development 2

Year 2, Semester 2
ITB106 Foundations of Computing
ITB412 Technology of Information Systems

Data Communications Major – Full-time

Year 2, Semester 1
KWB010 Communication for the IT Specialist
ITB421 Software Development 3
ITB524 Internetworking
MAB177 Mathematics for Data Communications

Year 2, Semester 2
ITB525 Network Administration
ITB527 Network Technologies
ITB523 Data Security
ITB529 Network Services

Year 3, Semester 1
Data Communications Specialisation Units
(4 units to be selected)
ITB533 Comparative Network Systems
ITB549 Error Control and Data Compression
ITB551 Network Planning
ITB564 Application Services
ITB565 Network Management
ITB566 Introduction to Cryptology
ITB568 Wireless Networks
ITB569 Network Security for E-Commerce
ITB576 Data Communications Project 1
ITB578 Special Topic 1
ITB579 Special Topic 2

Year 3, Semester 2
Block 3 Elective Unit

Year 4, Semester 1
ITB525 Network Administration
ITB527 Network Technologies

Year 4, Semester 2
KWB010 Communication for the IT Specialist
ITB529 Network Services

Year 5, Semester 1
Data Communications Specialisation Unit
Block 3 Elective Unit

Year 5, Semester 2
Data Communications Specialisation Unit
Block 3 Elective Unit

Year 6, Semester 1
Data Communications Specialisation Unit
Block 3 Elective Unit

Year 6, Semester 2
Data Communications Specialisation Unit
Block 3 Elective Unit
Data Communications Specialisation Units (4 units to be selected)

Year 6, Semester 3
ITB533 Comparative Network Systems
ITB549 Error Control and Data Compression
ITB551 Network Planning
ITB564 Application Services
ITB565 Network Management
ITB566 Introduction to Cryptology
ITB568 Wireless Networks
ITB569 Network Security for E-Commerce
ITB576 Data Communications Project 1
ITB578 Special Topic 1
ITB579 Special Topic 2

Electronic Commerce Major – Full-time

Year 2, Semester 1
KWB010 Communication for the IT Specialist
ITB227 Web Applications
ITB421 Software Development 3
ITB524 Internetworking

Year 2, Semester 2
ITB229 Information Systems Specification
ITB222 Business Systems Analysis
ITB427 Concurrent and Distributed Systems
ITB523 Data Security

Year 3, Semester 1
BSB212 Electronic Business Applications
ITB260 E-Commerce Site Development
BSB213 Legal Issues in Electronic Business

Year 3, Semester 2
Block 3 Elective Unit (Business Studies)
Block 3 Elective Unit (Business Studies)
Block 3 Elective Unit (Business Studies)
### Electronic Commerce Major – Part-time

**Year 3, Semester 1**  
ITB222 Business Systems Analysis  
ITB524 Internetworking  
**Year 3, Semester 2**  
KWB010 Communication for the IT Specialist  
ITB421 Software Development 3  
**Year 4, Semester 1**  
ITB427 Concurrent and Distributed Systems  
ITB523 Data Security  
**Year 4, Semester 2**  
ITB227 Web Applications  
ITB229 Information Systems Specification  
**Year 5, Semester 1**  
Elective (selected from List 3)  
Block 3 Elective  
**Year 5, Semester 2**  
ITB260 E-Commerce Site Development  
Block 3 Elective  
**Year 6, Semester 1**  
BSB212 Electronic Business Applications  
Block 3 Elective  
**Year 6, Semester 2**  
BSB213 Legal Issues in Electronic Business  
Block 3 Elective  
ITB236 Object-Oriented Analysis and Design  
ITB240 Project (Information Systems)  
ITB330 Information Issues  
ITB525 Network Administration  

### Information Systems Major – Full-time

**Year 2, Semester 1**  
KWB010 Communication for the IT Specialist  
ITB229 Information Systems Specification  
ITB219 Application Programming  
ITB227 Web Applications  
**Semester 4**  
ITB222 Business Systems Analysis  
ITB228 Enterprise Systems  
ITB232 Database Systems  
ITB240 Project (Information Systems)  
**Semester 5**  
Information Systems Elective Unit  
Information Systems Elective Unit  
Information Systems Elective Unit  
Information Systems Elective Unit  
**Semester 6**  
Block 3 Elective Unit  
Block 3 Elective Unit  
Block 3 Elective Unit  
Block 3 Elective Unit  

### Information Systems Electives (4 units to be selected)

**Database Systems Area**  
ITB234 Information Analysis  
ITB242 Data Warehousing for Decision Support  
ITB243 Knowledge-Based Systems  
ITB263 Web Intelligence for E-Commerce  
**E-Commerce Area**  
ITB243 Knowledge-Based Systems  
ITB257 Multimedia Systems  
ITB260 E-Commerce Site Development  
ITB263 Web Intelligence for E-Commerce  
**E-Commerce Technology Area**  
ITB235 Distributed Object Information Systems  
ITB242 Data Warehousing for Decision Support  
ITB262 E-Commerce Technologies  
ITB263 Web Intelligence for E-Commerce  
**Enterprise Systems Strategy Area**  
ITB233 Enterprise Systems Applications  
ITB241 Information Technology Management  
ITB242 Data Warehousing for Decision Support  
ITB264 Information Systems Consulting  
**Enterprise Systems Technical Area**  
ITB242 Data Warehousing for Decision Support  
ITB245 R/3 Systems Administration  
ITB258 ABAP Programming  
ITB263 Web Intelligence for E-Commerce  
**Information Management Area**  
ITB266 Principles of Information Management  
ITB322 Information Resources  
ITB330 Information Issues  
ITB341 Strategic Information and Knowledge Management  
**Information Resources Area**  
ITB265 Management of Information Programs  
ITB266 Principles of Information Management  
ITB322 Information Resources  
ITB330 Information Issues  
ITB335 Digital Libraries  
ITB337 Information Organisation 1  
ITB338 Information Resource Provision  
ITB339 Professional Practice  
**Information Technology Consulting Area**  
ITB241 Information Technology Management  
ITB264 Information Systems Consulting  
ITB322 Information Resources  
ITB341 Strategic Information and Knowledge Management  
**Modelling Area**  
ITB234 Information Analysis  
ITB236 Object-Oriented Analysis and Design  
ITB254 Interactivity Design  
**Multimedia Area**  
ITB243 Knowledge-Based Systems  
ITB254 Interactivity Design  
ITB257 Multimedia Systems  
ITB260 E-Commerce Site Development  
**Programming Area**  
ITB223 4gl Systems  
ITB254 Interactivity Design  
ITB258 ABAP Programming  
ITB260 E-Commerce Site Development  
*Students seeking ALIA recognition are required to complete eight units within Information Resources Area, using both four IS area units and four Block 3 units  
Students who complete the Cooperative Education Program substitute ITB906 for ITB240  
**Information Systems Major – Part-time**

**Year 3, Semester 1**  
ITB222 Business Systems Analysis  
ITB229 Information Systems Specification  
**Year 3, Semester 2**  
KWB010 Communication for the IT Specialist  
ITB227 Web Applications  
**Year 4, Semester 1**  
ITB228 Enterprise Systems Applications  
**Year 4, Semester 2**  
ITB227 Web Applications  
**Year 5, Semester 1**  
ITB232 Database Systems  
**Year 5, Semester 2**  
Block 3 Elective Unit  
Block 3 Elective Unit  
Block 3 Elective Unit  
Block 3 Elective Unit  

### Software Engineering Major – Full-time

**Year 2, Semester 1**  
KWB010 Communication for the IT Specialist  
ITB420 Computer Architecture  
ITB421 Software Development 3
ITB524 Internetworking

**Year 2, Semester 2**
- ITB424 Software Engineering Principles
- ITB427 Concurrent and Distributed Systems
- ITB448 Object Technology
- ITB432 Advanced Programming Laboratory

**Year 3, Semester 1**
- ITB433 Programming Languages
  - Software Engineering Elective Unit
  - Software Engineering Elective Unit
  - Software Engineering Elective Unit

**Year 3, Semester 2**
- Block 3 Elective Unit
- Block 3 Elective Unit
- Block 3 Elective Unit
- Block 3 Elective Unit

**Software Engineering Elective Units**
- ITB441 Graphics
- ITB442 Foundations of Artificial Intelligence
- ITB444 Special Studies 1
- ITB445 Special Studies 2
- ITB447 Project
- ITB434 Parallel Computing
- ITB454 Software Quality Assurance
- ITB458 Java and Extensible Programming
- ITB461 Foundations of Neurocomputing
- ITB463 Pattern Recognition
- ITB464 Modern Compiler Construction
- ITB466 Component Technology
- ITB468 Software Engineering Project
- ITB469 Unix Systems Programming and Administration
- ITB470 Windows 2000 System Programming and Administration
- ITB471 Software Development for the Web

Students who complete the Cooperative Education Program will substitute ITB906 for ITB432

**Software Engineering Major – Part-time**

**Year 3, Semester 1**
- ITB448 Object Technology
- ITB524 Internetworking

**Year 3, Semester 2**
- ITB420 Computer Architecture
- ITB421 Software Development 3

**Year 4, Semester 1**
- ITB424 Software Engineering Principles
- ITB427 Concurrent and Distributed Systems

**Year 4, Semester 2**
- KWB010 Communication for the IT Specialist
- ITB432 Advanced Programming Laboratory

**Year 5, Semester 1**
- Software Engineering Specialisation Unit
  - Block 3 Elective Unit

**Year 5, Semester 2**
- ITB432 Advanced Programming Laboratory
- ITB433 Programming Languages

**Year 6, Semester 1**
- Data Communications Specialisation Unit
  - Block 3 Elective Unit

**Integrated Majors – Data Communications & Information Systems – Part-time**

**Year 3, Semester 1**
- ITB222 Business Systems Analysis
- ITB523 Data Security

**Year 3, Semester 2**
- ITB228 Enterprise Systems
- ITB240 Project (Information Systems)

**Year 4, Semester 1**
- ITB229 Information Systems Specification
- ITB524 Internetworking

**Year 4, Semester 2**
- ITB232 Database Systems
- ITB527 Network Technologies

**Year 5, Semester 1**
- ITB228 Enterprise Systems
  - Block 3 Elective Unit

**Year 5, Semester 2**
- ITB529 Network Services
- ITB219 Application Programming
- ITB421 Software Development 3

**Year 6, Semester 1**
- Data Communications Specialisation Unit
  - Block 3 Elective Unit

**Data Communications & Software Engineering – Full-time – (Gardens Point campus)**

**Year 2, Semester 1**
- ITB420 Computer Architecture
- ITB421 Software Development 3
- ITB523 Data Security
- ITB524 Internetworking

**Year 2, Semester 2**
- ITB424 Software Engineering Principles
- ITB427 Concurrent and Distributed Systems
- ITB527 Network Technologies
- ITB529 Network Services

**Year 3, Semester 1**
- KWB010 Communication for the IT Specialist
- ITB448 Object Technology

**Year 3, Semester 2**
- Data Communications Specialisation Unit
  - Block 3 Elective Unit

**Data Communications Specialisation Units**
- ITB525 Network Administration
- ITB533 Comparative Network Systems
- ITB549 Error Control and Data Compression
- ITB551 Network Planning
- ITB564 Application Services
- ITB565 Network Management
- ITB566 Introduction to Cryptology
- ITB568 Wireless Networks
- ITB569 Network Security for E-Commerce
- ITB576 Data Communications Project 1
- ITB578 Special Topic 1
- ITB579 Special Topic 2
- MAB177 Mathematics for Data Communications

Students who complete Cooperative Education Program will substitute ITB906 for ITB432

**Data Communications & Software Engineering – Part-time – (Gardens Point campus)**

**Year 3, Semester 1**
- ITB448 Object Technology
INFORMATION TECHNOLOGY

ITB523  Data Security
Year 3, Semester 2
ITB423  Software Development 3
KWB010  Communication for the IT Specialist

Year 4, Semester 1
ITB427  Concurrent and Distributed Systems
ITB524  Internetworking

Year 4, Semester 2
ITB420  Computer Architecture
ITB529  Network Services

Year 5, Semester 1
ITB424  Software Engineering Principles
DC Specialisation Unit

Year 5, Semester 2
ITB433  Programming Languages
ITB527  Network Technologies

Year 6, Semester 1
KWB010  Communication for the IT Specialist
ITB448  Object Technology
ITB529  Network Services

Year 6, Semester 2
ITB432  Advanced Programming Laboratory
Block 3 Elective

Full-time Course structure – (Carseldine Campus)

Year 2, Semester 1
ITB420  Computer Architecture
ITB421  Software Development 3
ITB523  Data Security
ITB524  Internetworking

Year 2, Semester 2
ITB424  Software Engineering Principles
ITB448  Object Technology
ITB527  Network Technologies
ITB529  Network Services

Year 3, Semester 1
KWB010  Communication for the IT Specialist
ITB448  Object Technology
Data Comms Specialisation Unit

Block 3 Elective Unit

Year 3, Semester 2
ITB432  Advanced Programming Laboratory
ITB433  Programming Languages

Data Comms Specialisation Unit

Block 3 Elective Unit

■ Master of Information Technology
Qualifying Program (NA20)
CRICOS code: 039397G
Location: Gardens Point
Course duration (full-time): 1 semester
Total credit points: 48

Entry requirements
Applicants must have a bachelor’s degree in a discipline other than Information Technology with a grade point average of at least 4.5 (7-point scale)

Masters Qualify Program
The Master of Information Technology Qualifying Program allows applicants who do not have the Programming unit prerequisite but meet the academic requirement for entry to the Master/Graduate Diploma in Information Technology (IT45/IT38) to undertake units in the course while simultaneously undertaking an introductory programming unit.

Students in the Qualifying program would undertake ITB410 Software Development 1, an undergraduate programming unit, and three postgraduate units.

Articulation
Students that successfully complete (GPA of 4) the Qualifying Program are guaranteed admission to the Master/Graduate Diploma in Information Technology (IT45/IT38). Students would also receive credit for the three postgraduate units successfully completed.

Course structure
Students are normally required to complete a minimum of 48 credit points in the Program
ITB410  Software Development 1
ITN212  Information Modelling for Databases
ITN510  Data Communications
ITN211  Systems Analysis and Design
OR
ITN412  Technology of Information Systems

Students who wish to only complete 36 credit points are required to complete ITB410, ITN212 & ITN510
Section Three – Course Information

Law

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OVERVIEW

The QUT Faculty of Law is Australia’s largest tertiary educator in Law and Justice Studies. The Faculty is an acknowledged leader in its field and provides a sound balance of practical and theoretical training, which enables graduates to progress into the real world with ease. The Faculty consists of the School of Law, the School of Justice Studies and the Legal Practice Unit. The Faculty’s teaching and learning programs develop legal research and analysis skills within contextual and conceptual frameworks. Additionally, a global approach to education is adopted which includes international visiting scholars, exchange programs for staff and students and offshore programs. The improvement of the quality of teaching and learning has been a major priority for the Faculty in recent years. Significant projects have been developed and implemented to facilitate the use of flexible delivery methods and on-line teaching technologies. Through the utilisation of Internet technologies, students are able to access a range of study and resource materials as well as benefit from forums which provide greater opportunity for communication with academic staff and other students. The Faculty of Law has also established the first specially designed electronic moot court in the southern hemisphere.

The Faculty recently undertook a review of appropriate skills for Law graduates. A framework for embedding generic and discipline-specific graduate attributes within Law and Justice Studies programs has been developed and is being implemented in most undergraduate units.

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, world is its liaison and collaboration with the legal profession and justice industries. Emphasis on real world experience, and most established professional legal training course for solicitors can complete the Graduate Diploma in Court & Parliamentary Reporting within two years. The Faculty also offers the State’s longest running specialist area. The Faculty also offers the State’s longest running advanced course in Business Law.

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 six months 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.

The Faculty of Law has a large research section with six specialisations in which leadership is provided by some of Australia’s foremost experts in the specialist fields. The research section consists of:

- Concentration in Crime, Youth and Community Justice
- Concentration in Civil Practice and Procedure
- Concentration in Public and International Law
- Concentration in Women, Children and the Law.

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, Research: Associate Professor D.A. Butler, LLB(Hons) QUT, PhD, Solicitor (Qld & High Court of Australia)
Assistant Dean, Teaching and Learning: Ms S. Kift, LLB Qld, LLM QUT, Solicitor (Qld & NT), Barrister (NT), Legal Practitioner (High Court of Australia)

Law School

Head of School: 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., Clayton Utz Professor of Commercial Law
S.G. Corones, BCom LLB Qld., LLM Lond., PhD Qld.
W.D Duncan, LLB Qld., LLM Lond., Solicitor
D.E. Fisher, LLB MA PhD Edin.
P.E. Von Nessen, BA Duke, JD (cum laude) South Carolina, LLM Camb., Barrister (NSW and High Court of Australia), Barrister and Solicitor (Vic), Solicitor (Qld), McCullough Robertson Professor of Corporate Law

Associate Professors:

D.A. Butler, LLB (Hons) PhD QUT, Solicitor (Qld and High Court of Australia)
S.A. Christensen, LLB (Hons) LLM QUT, Solicitor (Qld)
G.R. Clarke, LLB (Hons) QUT, BA LLB Qld., LLM Bond, Barrister
P.J.M. MacFarlane, BLexS Macq., BA Flin., LLM Syd.
P.V. Tahmindjis, BA LLB Syd., LLM Lond., JSD Dal.
L. Willmott, BCom LLB (Hons) Qld., LLM Camb.

Legal Practice

Director: Mr A.J. Chay, LLB Qld., Solicitor

Justice Studies

Head of School: Mr M. Barnes, BA LLB LLM Qld.

RESEARCH CENTRES

Centre for Commercial and Property Law

The Centre for Commercial and Property Law covers:

- commercial law
- contract law
- corporations law
- real property
- commercial leases
- insurance law, trade practices and consumer protection
- mortgages and securities

While many of our postgraduate research students are researching fields encompassed by our centre or research concentrations, we also have staff qualified to supervise research into other fields – torts, environmental law, equity, legal education, crime and

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criminology, professional legal education and training, intelligence and security, media law and intellectual property, native title, medico-legal issues, private international law and Asian legal systems. You can get a full list of the research interests of all faculty staff from the Faculty’s Administration Officer (Postgraduate Programs).

Director: Professor W.D. Duncan, LLB Qld, LLM Lond., Solicitor, Consultant Allens Arthur Robinsons Solicitors
The Faculty of Law Research Committee may admit an applicant who:

(i) holds or has completed the requirements for the degree of (a) Master of Laws by Coursework or (b) Master of Arts (Justice Studies) 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

(ii) the applicant can demonstrate a grade point average of at least 5.0 on a 7 point scale in such a course; and

(iii) has a minimum of two years professional experience in a position of responsibility appropriate to the proposed course of study; and

(iv) 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.

2. Application Procedure

2.1 An application for admission shall be made on the prescribed form (Form SJD 1) which shall involve a two-stage process.

2.2 Stage 1 of the application process must include:

- the completion of the Form SJD 1 for admission;
- a certified copy of the results and evidence of the award of the Masters by Coursework 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); and

- a brief outline (200-300 words) of the project to be undertaken;
- the Centre in which the research is to be undertaken;
- details of any relevant professional experience; and

- any other information the candidate considers relevant in support of the application.

2.3 Where a candidate’s qualification for admission is a Master of Arts (Justice Studies) 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.

2.6 Within two months of admission to candidature (up to four months for part-time candidates and international candidates) and after consultation with appointed supervisors, the candidate must complete and submit the Stage 2 application form (Form SJD 2) 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;

- 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 Centre; and

- the Centre and 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 and the appointment of the supervisors shall be confirmed.

3. Research Program
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 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.

3.2 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.

3.3 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. Period of Time for Completion of Program
4.1 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 Faculty Research Committee may approve submission of the thesis within a shorter period.

4.2 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.

4.3 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).

4.4 A candidate who does not expect to submit his/her thesis by the specified time will be added to the maximum and minimum submission dates of the candidature.

5. Candidate May Take Leave of Absence for a Specified Period from the Program
5.1 Application must be made on the prescribed form (Form SJD 4) 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.

5.2 The maximum period of leave of absence for which a candidate may be given approval (for any reason) is twelve months for a full-time candidate and twenty-four months for a part-time candidate.

6. Supervision
Supervision shall be conducted according to the QUT Code of Good Practice for Postgraduate Research Studies and Supervision (MOPP Appendix 66).

6.2 A Principal Supervisor from QUT and one Associate Supervisor shall be appointed.

6.3 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.

6.4 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.

6.5 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.

6.6 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.

7. Confirmation of Candidature
7.1 Within six months of admission 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 time. The confirmation report (Form SJD 5) 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.

7.2 The candidate shall present the confirmation report and details of the research program at a Confirmation Seminar open to the public.

7.3 A candidate who is not able to complete a Confirmation of Candidature within the timeframe required must apply for an extension of time to the Assistant Dean (Research) to the Faculty Research Committee. A maximum of three months extension may be granted.

7.4 A Review Panel shall review the candidate’s progress and planned research program and shall make recommendations on Form SJD 5 to the Faculty Research Committee. These recommendations shall include:
- an appraisal of the candidate’s progress and suitability for continuation of the program;
The candidate is advised in writing of the decision. The candidate shall approve the continuation of the candidature. 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.

7.6 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).

7.7 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.

8. Reporting Procedures

8.1 The Principal Supervisor and candidate are required to report on a six monthly basis on the prescribed form (Form SJD 6) to the Faculty Research Committee through the office of the Assistant Dean (Research) on the candidate’s progress and future plans. Reporting dates shall be tied to the candidate’s commencement date. Reports shall be signed both by the candidate and by the Principal Supervisor. Where a candidate’s process is deemed satisfactory, the Faculty Research Committee shall approve the continuation of the candidature.

8.2 Where the progress is deemed unsatisfactory, in the Confirmation of Candidature, six monthly report or other interim faculty report, the Faculty Research Committee, on advice from the Assistant Dean (Research) 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.

8.3 A report on the action taken to resolve the deficiencies in the program must be made to the Assistant Dean (Research), and the Faculty Research Committee may then approve continuation of candidature if these deficiencies have been redressed and progress is again satisfactory.

8.4 If progress is still unsatisfactory after the review period, the Faculty Research Committee, on the advice of the Assistant Dean (Research) will ask the candidate to show cause in writing why the enrolment shall not be terminated.

8.5 When a candidate’s progress has been reported as unsatisfactory in any two consecutive reports during candidature, the Faculty Research Committee shall ask the candidate to show cause in writing why the enrolment of the candidate shall not be terminated.

8.6 If the candidate does not show cause why the enrolment shall not be terminated, the Faculty Research Committee may terminate the candidate’s enrolment.


9.1 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.

9.2 The thesis must be presented in the English language.

9.3 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.

9.4 An SJD degree may not be awarded on the basis of the submission of published papers.

9.5 A candidate’s name will not be placed on the graduation list until the final copy of the thesis is received in the Research Students’ Section, Office of Research.

9.6 When a final copy of the thesis has been lodged with the Research Students’ Section, Office of Research, the names of examiners will be released to the candidate upon request, providing that the examiner has not indicated otherwise.

10. Examination of Thesis

10.1 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.

10.2 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.

10.3 In exceptional circumstances, the University Research Degrees Committee may act directly to facilitate the examination process of a thesis including the appointment of examiners.

10.4 A candidate’s Principal or Associate Supervisor may not be nominated by the Faculty as an examiner.

10.5 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.

10.6 Agreement will be sought from examiners to examine the thesis within eight weeks of receipt.

10.7 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.

10.8 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.

• is 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.

10.9 The thesis must be accompanied by a certificate (Form SJD 7) 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 a 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.

10.10 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.

10.11 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.

10.12 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.

10.13 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);
- 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.

10.14 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.)

11. Examiners in Agreement

11.1 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.

11.2 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.

11.3 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.

12. Examiners Not in Agreement

12.1 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.

12.2 Upon receipt of the third examiner’s report, a majority decision shall be adopted.

12.3 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.

12.4 Where the majority decision is that the candidate be required to submit for re-examination or the thesis fail, the procedures in Section 1.3 shall apply.

12.5 Where the recommendations 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.

13. Re-Examination

13.1 A candidate who is required to submit for re-examination may be re-examined only once except in the case of an upheld appeal. [See 6.14.7]

13.2 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.

13.3 A candidate who is required to submit his/her thesis for re-examination must re-enrol in the SJD program.
13.4 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.

13.5 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:
- the candidate should be awarded the degree with or without minor nominated revisions; or
- the candidate should be awarded the degree at masters level with or without minor nominated revisions; or
- the thesis should be rejected and the degree should not be awarded.

13.6 Regulations applicable to SJD examination shall apply to the re-examination.

14. Appeals
14.1 A candidate whose thesis has failed may lodge an appeal against the outcome of the examination process.
14.2 The grounds for appeal may be on matters of process only, i.e. procedural irregularities in the conduct of the examination or documented evidence of examiner bias as evidenced by comments in the examiners reports.
14.3 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.
14.4 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.
14.5 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.
14.6 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.
14.7 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 6.13 taking account of the issues raised in the successful appeal.
14.8 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
LWR003 48 credit points of research per semester. (Whole year units are counted as 12 credit points per semester)

Part-time Course Structure
LWR003 24 credit points of research per semester. (Whole year units are counted as 12 credit points per semester)

### Master of Arts (Justice Studies) by 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

Entry requirements
A Bachelor of Arts (Justice Studies)(Honours) or a Graduate Diploma in Legal and Justice Studies or 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 professional publications etc. that the course coordinator and the Faculty Teaching, Learning and Curriculum Committee accept as proof of a students advanced knowledge and research ability in the proposed field of research.

Course Structure
The content value of the course is set at 96 credit points. Students will 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 that students submit for their degree should be not less than 50,000 words and should constitute a substantial contribution to knowledge and understanding in criminology, law enforcement, intelligence and security, corrections and the community, or legal and justice policy.

Full-time Students
IFN100 Full-Time Masters Research
IFN101 Full-Time Masters Research (Extension)

Part-time Students
IFN200 Part-Time Masters Research
IFN201 Part-Time Masters Research (Extension)

### Master of Laws (Research and Thesis) (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
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.

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 A person applying for admission shall do so through the
Assistant Dean (Research) to the University Research Degrees
Committee.
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 an
internal full-time student or an internal part-time student.

4. Progress Reports
4.1 A candidate shall prepare within two weeks following the end
of each semester a statement of the work done towards the degree
and submit it to the appointed supervisor.
4.2 The supervisor shall prepare a report on the work done by the
candidate during that semester and the report shall be given to the
candidate for comment, and the candidate shall sign the report in
acknowledgment of this and return it to the supervisor.
4.3 Both reports together with any accompanying comments by
the candidate shall then be forwarded through the Law Faculty
Research Committee and the Assistant Dean (Research) to the
University Research Degrees Committee within four weeks
following the end of that semester.
4.4 Where, in the opinion of the University Research Degrees
Committee, a candidate has not made satisfactory progress
-towards completing the requirements for the degree, the
University Research Degrees Committee on the advice of the
Assistant Dean (Research) shall call upon the candidate to show
cause why the enrolment of the candidate should not be
terminated for lack of satisfactory progress.
4.5 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 proposal for a topic for
the thesis to the Assistant Dean (Research) not later than the end of
February or August, as the case may be, in the year in which
the candidate is enrolled.
5.3 The Law Faculty Research Committee may, upon the
recommendation of the Dean, 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
supervisor and, where appropriate, any co-supervisor appointed
by the Law Faculty Research Committee on the advice of the
Assistant Dean (Research).
5.5 A candidate shall submit four 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.
5.6 The Law Faculty Research Committee shall refer the thesis to
two examiners, at least one of whom must be external to the
University. 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 supervisor, and
5.7 The Law Faculty Research Committee shall forward the
examiners’ reports to the Law Academic Board together with its
recommendation.
5.8 The Law Academic Board shall thereafter refer the
examiners’ reports to the University Research Degrees
Committee with its recommendations.
5.9 Following final acceptance of the thesis, two copies shall be
bound in the prescribed form at the candidate’s expense and one
copy submitted to the QUT Faculty of Law Library and the other
copy submitted to the Queensland University of Technology
Library and shall otherwise be treated in accordance with
University policy. 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 and Thesis 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
The basic course structure appears in the table. However, students may take units outside Justice Studies, or they may pursue a particular field of interest through independent study units.

### Course Structure - M Arts (Justice Studies)

**Full time Course Structure**

- IFN200 48 credit points of research per semester. (Whole year units are counted as 12 credit points per semester)

**Part-time Course Structure**

- IFN200 24 credit points of research per semester. (Whole year units are counted as 12 credit points per semester)

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### Master of Arts (Justice Studies) by Coursework (JS51)

**Award title:** Master of Arts (Justice Studies) (Study Area A)

**CRICOS code:** 020311G

**Location:** Kelvin Grove

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

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

**Total credit points:** 96

**Course coordinator:** Dr Belinda Carpenter - Master of Arts (Justice Studies) Dr Ian Wells - (Intelligence Major)

**Entry requirements**

A Bachelor of Arts (Justice Studies) degree (or an equivalent qualification) and an approved Honours degree, or an appropriate Graduate Diploma or Graduate Certificate with a GPA of 5.00 or better, or approved equivalent professional experience or an approved four-year undergraduate degree in an appropriate field.

**Course Structure**

The basic course structure appears in the table. However, students may take units outside Justice Studies, or they may pursue a particular field of interest through independent study units.

**Course Structure - M Arts (Justice Studies)**

#### Year 1, Semester 1

- JSN001 Theories of Justice 1
- JSN002 Theoretical Criminology
- JSN003 Applied Criminology
- JSN006 Independent Study 1

#### Year 1, Semester 2

- JSN004 Issues in Criminal Justice
- JSN005 Theories of Justice 2
- JSN007 Independent Study 2
- Elective (can be taken in semester 1 or 2)

**Electives**

- Semester 1: JSN014 Law, Justice and New Genetic Technologies
- Semester 2: JSN012 Law Morality and the Media

**Course Structure - M Arts (Justice Studies) (Intelligence)**

#### Year 1, Semester 1

- JSN020 Research Project 1

#### Year 1, Semester 2

- JSN021 Research Project 2

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### 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):** 3 years

**Total credit points:** 96

**Course coordinator:** Director, Postgraduate Studies

**Entry requirements**

Prospective students must hold (or have completed the requirements for) a Bachelor of Laws from QUT or a comparable institution or have other professional qualifications in law and have at least three years experience since they were first admitted to practice.

**Course Structure**

Students must complete 96 credit points of coursework units for a pass degree. If eligible, they can then complete a dissertation for an Honours degree. Students can major in Environmental Resources Law, Commercial Law, Public Law or Technology Law. Otherwise, students can complete a generic degree by choosing any units worth 96 points in total from those available that year.

**Note**

Not all units are available in any one year. Units are offered subject to staff availability and minimum enrolments being met. The degree can contain up to 48 credit points in independent research projects, but these must be approved by the Director, Postgraduate Studies.

The course rules allows students to undertake 24 credit points of approved units from other QUT faculties or universities.

All units are offered for internal study unless otherwise indicated.

Units offered externally are not available for offshore study. Students must be living in Australia.

**Commercial Law**

- LWN022 Banking Transactions Law
- LWN023 Project Research 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
- LWN096 Capital Markets Law
- LWN097 Corporate Insolvency
- LWN113 Law of Guarantees
- LWN122 Commercial Leases
- LWN127 Advanced Insurance Law 1
- LWN128 Advanced Insurance Law 2

**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
- LWN065 Construction and Engineering Law
- LWN084 International Marine Pollution Law
- LWN085 International Law of the Sea
- LWN094 Energy Law
- LWN095 Native Title Law, Policy and Practice
- LWN131 Queensland State Lands: Law and Practice
- LWN138 Comparative Cultural Heritage Law
Public Law
LWN025 Research Project 1a
LWN030 Dispute Resolution/mediation
LWN048 Advanced Legal Research
LWN088 Government Law, Policy and Practice
LWN095 Native Title Law, Policy and Practice
LWN111 Public Law and Government Commercial Activity
LWN115 Human Rights in Australian Law

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

2002 Schedule of Units
LWN022 Banking Transactions Law
LWN029 Theoretical Criminology
LWN030 Dispute Resolution/mediation
LWN035 Medic-Legal Issues
LWN039 Applied Criminology
LWN040 Theories of Justice 1
LWN042 Theories of Justice 2
LWN043 Law of Company Takeovers
LWN046 Advanced Planning Law
LWN047 Legal Education
LWN048 Advanced Legal Research
LWN049 International Environmental Law
LWN050 Restrictive Trade Practices Law
LWN051 Consumer Protection and Product Liability
LWN060 Environmental Legal System
LWN061 Natural Resources Law
LWN063 Comparative Environmental Law
LWN065 Construction and Engineering Law
LWN076 International Commercial Disputes
LWN083 Estate Planning
LWN085 International Law of the Sea
LWN097 Corporate Insolvency
LWN111 Public Law and Government Commercial Activity
LWN113 Law of Guarantees
LWN115 Human Rights in Australian Law
LWN117 Legal Regulation of the Internet
LWN119 Employment Law
LWN120 Select Issues in Media Law and Policy
LWN122 Commercial Leases
LWN125 Electronic Commerce Law
LWN126 The Law of Costs
LWN127 Advanced Insurance Law 1
LWN131 Queensland State Lands: Law and Practice
LWN135 Law, Justice and New Genetic Technologies
LWN139 Privacy Law

Graduate Diploma in Legal Practice (LP41)

Award title: Graduate Diploma in Legal Practice
CRICOS code: 009034F
Location: Gardens Point
Course duration (full-time): Two courses per year. Total of 24 weeks each course (excluding breaks)
Course duration (part-time): Two courses per year. Total of 45 weeks each course (excluding breaks)
Total credit points: 96
Course coordinator: Allan Chay, Director Legal Practice

Entry requirements
An approved degree in law; that is, a degree that satisfies Queensland requirements for solicitors. Students may apply for special entry. However, such places are only available if quota places remain after all eligible applicants have been offered admission. Part-time off-campus mode is only available to persons working in approved legal environments.

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
Entry requirements

An appropriate undergraduate degree from a recognised tertiary institution or professional experience that the Course Coordinator deems to be appropriate.

Course Requirements

The Graduate Certificate in Justice Studies consists of four units of twelve credit points each. Students are required to complete 48 credit points from one of the following majors: Strategic Intelligence Studies, Intelligence & Security and Executive Policing. This course articulates into the Master of Arts (Justice Studies) by coursework.

Course Structure

Strategic Intelligence Studies (SIS)
JSP061 Process Theory and Application
JSP067 Intelligence, Organisations, Personnel and Operations
JSP063 Intelligence Research - Issues, Procedures and Practice
JSP065 Intelligence and National Security

Intelligence and Security (IAS) (available to continuing students only)
JSP066 Management of Protective Security
JSP062 Protective Security - Theory and Application
JSP064 Protective Security Issues and Practice
JSP065 Intelligence and National Security

Executive Policing (EXP)
JSP056 Policing for the 21st Century
JSP057 Strategic Leadership for Executive Policing
JSP058 Organisational Practices for Executive Policing
JSP059 Command Management for the Police Executive

Graduate Certificate in Law (LW60)

Entry requirements

Prospective students must hold (or have completed the requirements for) the degree of Bachelor of Laws from QUT or a comparable institution OR have a professional qualification in law and have at least three years experience since they were first admitted to practice OR have some other bachelors degree and professional experience which, in the opinion of the Assistant Dean (Postgraduate Studies), equips the student for postgraduate study in law in the specialist field they have chosen.

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, on certain conditions, may be permitted to credit the units undertaken towards an LLM degree.

Course Structure

The required credit points can be accrued in two ways. Students can nominate a major from the following list and choose units to the value of 48 credit points from it. Alternatively, students can complete a generic certificate by choosing any coursework units to the value of 48 credit points from those offered that year in the Master of Laws by Coursework.

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
LWN084 International Marine Pollution Law
LWN114 Select Issues in Private International Law
LWN115 Human Rights in Australian Law
These units may be taken in any order.

**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
LWN084 International Marine Pollution Law
These units may be taken in any order, however we recommend that you take LWN061, Natural Resources Law first.

**Commercial Transactions**
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
LWN096 Capital Markets Law
LWN097 Corporate Insolvency
LWN113 Law of Guarantees
LWN122 Commercial Leases
LWN127 Advanced Insurance Law 1
LWN128 Advanced Insurance Law 2
These units may be taken in any order.

**Planning and Resources**
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
LWN065 Construction and Engineering Law
LWN094 Energy Law
LWN138 Comparative Cultural Heritage Law
These units may be taken in any order, however we recommend that you take LWN061, Natural Resources Law first.

**Litigation**
LWN025 Research Project 1a
LWN030 Dispute Resolution/mediation
LWN048 Advanced Legal Research
These units may be taken in any order.

**Property**
LWN025 Research Project 1a
LWN030 Dispute Resolution/mediation
LWN036 Select Issues in Intellectual Property Law
LWN043 Law of Company Takeovers
LWN048 Advanced Legal Research
LWN061 Natural Resources Law
LWN065 Construction and Engineering Law
LWN083 Estate Planning
LWN095 Native Title Law, Policy and Practice
LWN099 Intellectual Property Law
LWN122 Commercial Leases
These units may be taken in any order.

**Public Law**
LWN025 Research Project 1a
LWN030 Dispute Resolution/mediation
LWN048 Advanced Legal Research
LWN088 Government Law, Policy and Practice
LWN095 Native Title Law, Policy and Practice
LWN111 Public Law and Government Commercial Activity
LWN115 Human Rights in Australian Law
These units may be taken in any order.

**General Practice**
LWN025 Research Project 1a
LWN030 Dispute Resolution/mediation
LWN048 Advanced Legal Research
LWN051 Consumer Protection and Product Liability
LWN052 Civil Procedure - Theory and Practice
LWN087 Contemporary Issues in Torts
LWN119 Employment Law
These units may be taken in any order.

**Corporate Law**
LWN025 Research Project 1a
LWN030 Dispute Resolution/mediation
LWN048 Advanced Legal Research
LWN043 Law of Company Takeovers
LWN048 Advanced Legal Research
LWN096 Capital Markets Law
LWN097 Corporate Insolvency
These units may be taken in any order.

**Media and Communications Law**
LWN025 Research Project 1a
LWN030 Dispute Resolution/mediation
LWN048 Advanced Legal Research
LWN117 Legal Regulation of the Internet
LWN120 Select Issues in Media Law and Policy
LWN125 Electronic Commerce Law
JSN012 Law Morality and the Media
LWN139 Privacy Law
These units may be taken in any order.

**Criminal Justice**
LWN025 Research Project 1a
LWN029 Theoretical Criminology
LWN030 Dispute Resolution/mediation
LWN039 Applied Criminology
LWN040 Theories of Justice 1
LWN042 Theories of Justice 2
LWN048 Advanced Legal Research
LWN129 Contemporary Issues in Sentencing Law
These units may be taken in any order.

### Graduate Certificate in Legal Studies (LW65)

**Award title:** Graduate Certificate in Legal Studies  
**CRICOS code:** 040307E  
**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:** Director, Postgraduate Studies

**Entry Requirements**
An appropriate undergraduate degree from a recognised tertiary institution or Professional experience that the Course Coordinator deems to be appropriate

**Course Structure - 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

**Course Structure - Part-time**

**Semester 1 - Option 1 (LWB142)**
Introduction to Legal Research  
LWB141 Legal Institutions and Method  
LWB142 Law, Society and Justice  
**Semester 2 - Option 1 (LWB142)**
LWB136 Contracts A  
LWB138 Fundamentals of Torts
Students complete four (4) prescribed units (48 credit points) and the Bachelor of Justice (Honours) is a 96 credit-point course.

### Course Structure

For admission to the Honours program at the end of the final year of undergraduate program, OR other qualifications, including work experience or involvement in research that is deemed appropriate by the Course Coordinator. Normally students would apply for admission to the Honours program at the end of the final year of the students pass degree.

#### Full-time Course Structure

**Year 1, Semester 1**
- JSB411 Theories of Justice 1
- JSB412 Literature Review
- JSB413 Colloquium
- JSB414/1 Thesis 1

**Year 2, Semester 2**
- JSB405 Justice Organisations
- 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**
- JSB405 Justice Organisations
- JSB414/1 Thesis 1

**Year 2, Semester 1**
- JSB413 Colloquium
- JSB414/2 Thesis 2

**Year 2, Semester 2**
- JSB414/3 Thesis 3
- JSB414/4 Thesis 4

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### Bachelor of Justice (Honours) (JS40)

**Award title:** Bachelor of Justice

**CRICOS code:** 020313F

**Location:** Kelvin Grove

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

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

**Total credit points:** 96

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

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

**Course coordinator:** Dr Ian Wells

**Entry Requirements**

A Bachelor of Arts (Justice Studies) three-year degree or equivalent, having attained a grade point average of at least 5 on a 7-point scale in the final year of study and completion of the JSB043 Crime Research Methods, which is offered in the undergraduate program, OR other qualifications, including work experience or involvement in research that is deemed appropriate by the Course Coordinator. Normally students would apply for admission to the Honours program at the end of the final year of the students pass degree.

#### 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.

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### 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:** Michael Barnes

#### 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 be 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.

#### Full-time 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:
  - 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:
  - Critical Criminology Major
    - JSB233 Intelligence Led Investigations
    - Secondary Major/Elective
    - Secondary Major/Elective
    - Elective
    - OR
  - Investigations and Policing Major
    - JSB243 Intelligence Led Investigations
    - Secondary Major/Elective
    - Secondary Major/Elective
    - Elective
    - OR

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**Semester 1 - Option 2 (LWB143)**
- Introduction to Legal Research

**LWB141** Legal Institutions and Method

**LWB136** Contracts A

**Semester 2 - Option 2 (LWB143)**
- Legal Research and Writing

**LWB143** Legal Research and Writing

**LWB138** Fundamentals of Torts

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**Entry Requirements**

A Bachelor of Arts (Justice Studies) three-year degree or equivalent, having attained a grade point average of at least 5 on a 7-point scale in the final year of study and completion of the JSB043 Crime Research Methods, which is offered in the undergraduate program, OR other qualifications, including work experience or involvement in research that is deemed appropriate by the Course Coordinator. Normally students would apply for admission to the Honours program at the end of the final year of the students pass degree.

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**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.

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**Full-time Course Structure**

**Year 1, Semester 1**
- JSB411 Theories of Justice 1
- JSB412 Literature Review
- JSB413 Colloquium
- JSB414/1 Thesis 1

**Year 2, Semester 2**
- JSB405 Justice Organisations
- JSB414/2 Thesis 2
- JSB414/3 Thesis 3
- JSB414/4 Thesis 4
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
Secondary Major/Elective
Secondary Major/Elective
Elective
OR
Justice Policy Major
JSB351 Administrative Justice
JSB352 Indigenous Justice (Not Available 2002)
Secondary Major/Elective
Secondary Major/Elective
Year 3, Semester 2 (Full-time Course Structure)
Select four units from the following
Either
Critical Criminology Major
JSB332 Crime Control and Governance
JSB333 Responding to Crime
Secondary Major/Elective
Secondary Major/Elective
OR
Investigations and Policing Major
JSB342 Organised Crime
JSB343 Future Policing Strategies
Secondary Major/Elective
Secondary Major/Elective
OR
Justice Policy Major
JSB353 Global Justice
Secondary Major/Elective
Secondary Major/Elective
Elective
Electives (Semester 1)
JSB931 Independent Study
JSB932 Alternative Justice Processes
JSB933 Crime Research Methods
JSB935 Contractual Justice
Electives
Semester 2
JSB931 Independent Study
JSB934 Professional Placement
JSB936 Compensation and Reparation
JSB937 Forensic Scientific Evidence

Bachelor of Justice/Bachelor of Laws (LW42)

Award title: Bachelor of Justice/Bachelor of Laws
CRICOS code: 018380B
Location: Gardens Point and Kelvin Grove
Course duration (full-time): 5 years
Total credit points: 528
Standard credit points per semester (full-time): 54
Course coordinator: Michael Barnes (Justice), Director - Undergraduate Programs (Law)

Professional Recognition
The QUT Bachelor of Laws course is an approved degree for the purposes of the Solicitors’ Admission Rules and Barristers’ Admission Rules. Accordingly, it enables graduates to satisfy the academic requirements for admission to practice as a solicitor and/or barrister in all Australian states and territories. The QUT LLB degree qualification is also recognised for admission purposes in West and East Malaysia, Fiji and Papua New Guinea.

Course Structure

Year 1, Semester 1
JSB131 Framing Social Justice
JSB132 Professional Skills
JSB134 Social Ethics and the Justice System
Introduction to Legal Research
LWB141 Legal Institutions and Method
LWB142 Law, Society and Justice
Year 1, Semester 2
JSB135 Unlocking Criminal Justice
JSB136 Forensic Psychology and the Law
JSB138 Crimes of Violence
LWB143 Legal Research and Writing
LWB144 Laws and Global Perspectives
Year 2, Semester 1
LWB136 Contracts A
Select three units (36 cps) from
Critical Criminology Major (CCL)
JSB231 Understanding Criminology
JSB232 Youth Justice
Elective/Secondary Major unit OR
Investigations and Policing Major (IVP)
JSB241 Introduction to Investigations and Policing
JSB242 Criminal Law in Context
Elective/Secondary Major unit OR
Justice Policy Major (JPL)
JSB251 Policy, Governance and Justice
Elective/Secondary Major unit
Elective/Secondary Major unit
Year 2, Semester 2
LWB137 Contracts B
Select three units (36 cps) from
Critical Criminology Major (CCL)
JSB233 Crime and Community Corrections
Elective/Secondary Major unit
Investigation and Policing Major (IVP)
JSB243 Intelligence Led Investigations
Elective/Secondary Major unit
Elective/Secondary Major unit OR
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
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 OR
Investigation and Policing Major (IVP)
JSB343 Intelligence Led Investigations
Elective/Secondary Major unit OR
Elective/Secondary Major unit OR
Justice Policy Major (JPL)
JSB351 Administrative Justice
JSB352 Indigenous Justice (Not Available 2002)
Elective/Secondary Major unit
Year 3, Semester 2
LWB139 Select Issues in Torts
Select Three units (36 cps) from:
Critical Criminology Major (CCL)
JSB331 Prisons as Industry
Elective/Secondary Major unit
Investigation and Policing Major (IVP)
JSB343 Intelligence Led Investigations
Elective/Secondary Major unit
Elective/Secondary Major unit OR
OR
Elective/Secondary Major unit
OR
Critical Criminology Major (CCL)
JSB333 Responding to Crime
Elective/Secondary Major unit OR
Investigation and Policing Major (IVP)
JSB341 Investigations, Evidence and Police Powers
Elective/Secondary Major unit
Investigation and Policing Major (IVP)
JSB343 Intelligence Led Investigations
Elective/Secondary Major unit
Elective/Secondary Major unit OR
Elective/Secondary Major unit
OR
OR
Critical Criminology Major (CCL)
JSB331 Prisons as Industry
Elective/Secondary Major unit
Investigation and Policing Major (IVP)
JSB343 Intelligence Led Investigations
Elective/Secondary Major unit
Elective/Secondary Major unit OR
LWB139 Select Issues in Torts
Select Three units (36 cps) from:
Critical Criminology Major (CCL)
JSB331 Prisons as Industry
Elective/Secondary Major unit
Investigation and Policing Major (IVP)
JSB343 Intelligence Led Investigations
Elective/Secondary Major unit
Elective/Secondary Major unit OR
Critical Criminology Major (CCL)
JSB333 Responding to Crime
Elective/Secondary Major unit OR
Investigation and Policing Major (IVP)
JSB341 Investigations, Evidence and Police Powers
Elective/Secondary Major unit
Critical Criminology Major (CCL)
JSB333 Responding to Crime
Elective/Secondary Major unit OR
Year 4, Semester 1
LWB231 Introduction to Public Law
LWB236 Real Property A
LWB238 Fundamentals of Criminal Law
LLB degree qualification is also recognised for admission to the academic requirements for admission to practise as a solicitor. Accordingly, it enables graduates to satisfy the purposes of the Solicitors Admission Rules and Barristers

The QUT Bachelor of Laws course is an approved degree for the Professional Recognition. To ensure they have access to a suitable law library.

Course coordinator: Director, Undergraduate Programs

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 orientation 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
- Contracts A
- Fundamentals of Torts
- Legal Institutions and Method
- Law, Society and Justice

**Year 2, Semester 1**
- Contracts B
- Select Issues in Torts
- Legal Research and Writing
- Laws and Global Perspectives

**Year 2, Semester 2**
- Introduction to Public Law
- Real Property A
- Fundamentals of Criminal Law
- Principles of Equity

**Year 3, Semester 1**
- Commercial and Personal Property Law
- Theories of Law

**Year 3, Semester 2**
- Administrative Law
- Corporate Law

**Year 4, Semester 1**
- Criminal Procedure
- Evidence
- Advanced Research and Legal Reasoning

**Year 4, Semester 2**
- Professional Responsibility

**Course Structure - Part-time/External Program**

**Year 1, Semester 1**
- Introduction to Legal Research
- Contracts A
- Fundamentals of Torts
- Legal Institutions and Method
- Law, Society and Justice

**Year 1, Semester 2**
- Criminal Procedure
- Evidence
- Advanced Research and Legal Reasoning

**Year 2, Semester 1**
- Principles of Equity

**Year 2, Semester 2**
- Professional Responsibility

**Year 3, Semester 1**
- Administrative Law
- Corporate Law

**Year 3, Semester 2**
- Criminal Procedure
- Evidence
- Advanced Research and Legal Reasoning

**Year 4, Semester 1**
- Professional Responsibility

**Course Structure - Special Accelerated Full-time Program**

**Year 1, Semester 1**
- Introduction to Legal Research
- Contracts A
- Fundamentals of Torts
- Legal Institutions and Method
- Law, Society and Justice

**Year 1, Semester 2**
- Select Issues in Torts
- Legal Research and Writing
- Laws and Global Perspectives
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<tr>
<th>Year 1, Summer Program</th>
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<tbody>
<tr>
<td>LWB137  Contracts B</td>
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<td>LWB139  Select Issues in Torts</td>
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<tr>
<th>Year 2, Semester 1</th>
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<tbody>
<tr>
<td>LWB142  Law, Society and Justice</td>
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<tr>
<td>LWB231  Introduction to Public Law</td>
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<td>LWB236  Real Property A</td>
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<td>LWB238  Fundamentals of Criminal Law</td>
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<td>LWB240  Principles of Equity</td>
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<tr>
<td>LWB144  Laws and Global Perspectives</td>
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<td>LWB235  Australian Federal Constitutional Law</td>
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<td>LWB237  Real Property B</td>
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<td>LWB239  Criminal Responsibility</td>
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<td>LWB241  Trusts</td>
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<td>LWB332  Commercial and Personal Property Law</td>
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<td>LWB333  Theories of Law</td>
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<td>LWB431  Civil Procedure</td>
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<td>LWB432  Evidence</td>
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<td>Elective Units</td>
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<tr>
<td>LWB331  Administrative Law</td>
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<td>LWB433  Professional Responsibility</td>
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<td>LWB434  Advanced Research and Legal Reasoning</td>
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| **Year 1, Semester 2**  
Introduction to Legal Research  
LWB141  Legal Institutions and Method  
LWB143  Legal Research and Writing |

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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 cooperative education 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 centres.

The School of Life Sciences covers anatomy, biotechnology, biochemistry, haematology, histopathology, immunology, microbiology, molecular biology and physiology. The school also offers courses in biotechnology innovation and medical science.

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 Resources offers major studies in environmental science, ecology and geoscience, complemented with the comajors 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 comajors in medical and health physics, forensic science and industrial chemistry. The school also offers courses in medical imaging technology and radiotherapy technology.

For information about the Faculty of Science visit: http://www.sci.qut.edu.au/

Email: sci-enquiries@qut.edu.au/
Telephone +61 7 3864 2512.

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 Academic Programs: A.T. Grenfell, BSc(Hons) DipEd PhD Qld
Faculty Operations Manager: P. Campbell, AssocDip ClinLabTech AssocDip ElecEng QIT

School of Life Sciences
Head: Professor A.C. Herrington, BSc(Hons) PhD Monash
Associate Professors:
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N.A. Marsh, BSc(Hons) Queen Elizabeth College, PhD Lond, GradCertEd(Higher Ed.)
C.P. Morris, BSc(Hons) PhD Adel.
P. Timms, MSc PhD Qld, FASM

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:
H. MacGillivray, BSc(Hons) PhD Qld, MSSAI
V.V. Anh, BSc(Hons) PhD Tas., MEng NE, FAustMS, MSSAI, MIEEE

School of Natural Resource Sciences
Head of School: Associate Professor D.A. Gust, BA Lawrence, MA Rice, PhD ANU
Associate Professors:
L.H. Hamilton, BE MSc UNSW, PhD DIC Lond., FAIG, FAusIMM
P. B. Mather, BSc(Hons) PhD Lot

School of Physical and Chemical Sciences
Head: Professor J.M. Pope, BSc(Hons) MSc Brst., DPhil Sus., FAIP
Associate Professors:
P.M. Fredericks, BSc(Hons) DPhil Sus., CChem, FRACI, Director of Centre for Instrumental and Developmental Chemistry
L. Morawska, MSc(Physics) PhD(Physics) Jagiellonian
B.J. Thomas, BSc(Hons) PhD W.Aust., MAIP, FACPEM, Director of Centre for Medical and Health Physics
R.L.W. Frost, BEd MSc PhD Qld

RESEARCH CENTRES
Cooperative Research Centre (CRC) for Diagnostics
The CRC for Diagnostic Technologies based at QUT is a cooperative venture between research organisations (QUT, La Trobe University, CSIRO Health Sciences and Nutrition, the Child Health Research Institute, and Queensland Medical Laboratory) and commercial company PanBio. It is an Australian centre of excellence for the development of diagnostic technologies and has become an international focus for research and educational programs in protein and nucleic acid-based diagnostics, leading innovation in the diagnostics industry.

Achievements of its predecessor include:
- CRC Association 1999-2000 award for the Commercialisation and Utilisation of Research
- Development of a major, rapidly expanding patent portfolio (11 patent families for platform technologies)
- A multi-million dollar agreement with Affymetrix, a leading US biotechnology company specialising in gene chip array technology
- Successfully commercialised mosquito-borne viral diagnostic tests
- Targeted the fastest growth areas within diagnostics.

Comencing on 1 July, 2001 the newest centre is jointly funded by the participants and the Commonwealth and State Governments.

Molecular Diversity: molecular manipulation of targets and binding molecules for diagnostics
- Protein profiling - development of proteomic technologies for the discovery of new targets for specific disease states
- High affinity reagents - novel reagents and new platforms for gene library construction based on compact protein domains, random peptides and in vitro molecular evolution
• SNP detection technology - simple, cost-effective, high throughput detection technologies for single nucleotide polymorphisms in DNA
• Infectious disease diagnosis - generic, cost-effective and robust reagents and methods for profiling and disease detection

**Reporter systems: capture and transmission of signals from target interaction**
- Homogeneous reporter systems - new platform technology for one-step diagnostic assays for protein & nucleic acid targets
- Chromophores & flow analysis - improved chromophores and methods for flow cytometry
- Point-of-care nucleic acid tests - systems to enable kit-based tests to be performed at a patient’s bedside or doctor’s surgery

**Education and Training: transfer of technology from research to industry**
- Postgraduate student support - postgraduate scholarships at APA (I) rate, currently $22,283 p.a., plus $5,000 p.a. research consumables
- Centre staff development - training and professional development courses
- Diagnostics awareness project - annual symposium, promotional activities and summer vacation scholarships for undergraduates

**Centre for Molecular Biotechnology (CMB)**
The Centre for Molecular Biotechnology is located within the School of Life Sciences and is one of the largest of QUT’s University centres. An integrated centre for basic and strategic research in molecular biotechnology, the Centre has programs in Arbovirology, Cancer and Molecular Genetics, Cell and Molecular Microbiology, Growth and Developmental Biology and Plant Biotechnology. In addition to basic and applied research activities, the Centre also has a strong track record of commercial product development, novel intellectual property protection and consultancy activities. The Centre focuses on postgraduate education and training in molecular biotechnology, and has a very active PhD program with more than 50 students currently enrolled. Research is conducted in modern laboratories totalling more than 1300m2, which are equipped with contemporary instrumentation necessary for sophisticated research. Interaction between programs is fostered through communal facilities and regular scientific discussion. This results in innovative research and a broad awareness across disciplines.

**Medical Biotechnology**
- Diagnosis of human chlamydial diseases
- Pathogenesis and immunology of human chlamydial diseases
- Vaccines for genital Chlamydia infections
- Chlamydial infections in animals, including koalas
- Vaccines for dengue virus
- Immunology and molecular biology of dengue and Ross River virus
- Diagnostics for genetic disease including hormone dependent cancers
- Molecular genetics of human disease
- Hormone and growth factors in normal cell growth and cancer
- Growth hormone and growth hormone receptors
- Molecular cloning of fish growth hormone and growth-factor genes
- Proteases in cancer and biology of cell invasion
- Growth factor and extracellular matrix interactions/tissue engineering.

**Plant Biotechnology**
- Artificial resistance to banana bunchy-top virus
- Artificial resistance to papaya ring-spot virus
- Characterisation of viruses infecting taro
- Development of plants as bio-reactors
- Plant tissue culture

**Centre for Instrumental and Developmental Chemistry**
The Centre for Instrumental and Developmental Chemistry was formed in January 1992. It emphasises high quality fundamental research and expert service of community needs through research, postgraduate education, development projects and consultancy.

The Centre specialises in three main areas: analytical science, applied organic chemistry, and materials science.

**Applied Organic Chemistry**
The program encompasses a wide range of industrial sectors, and research makes extensive use of the instrumental infrastructure of the centre. Current areas of activity include the synthesis of new molecules for use in industrial electronics and in the medical field; isolation and characterisation of new compounds of medicinal benefit from natural sources; development of new synthetic procedures involving free radicals; flavour chemistry of foodstuffs and agricultural products; and structural aspects of DNA.

**Material Science**
This area of centre activities has been well supported by industrial grants. Research is carried out in a number of important areas encompassing organic, inorganic and metallic materials. Significant project areas include synthetic polymers, particularly degradation studies and polymerisation kinetics; study of the structure and properties of clays; and preparation of advanced ceramics by the sol-gel process; application of membrane technology to industrial processes; industrial electrochemistry; and spectroscopy at the material/solution interface.

**Consulting, Testing and Continuing Education**
The centre is very active in consulting and testing. This activity earns valuable funds and forges strong links with the industrial community, leading to joint research projects. Centre staff have also established a reputation in continuing education by developing short courses in corrosion science, vibrational spectroscopy and analytical techniques. The centre collaborates with the National Scientific Instrumentation Training Centre (NSITC) to provide additional training courses.

**Equipment**
Activities revolve around sophisticated, high-cost instrumentation, including mass spectrometry (GC-MS, LC-MS, and MALDI-TOF), nuclear magnetic resonance spectrometry, Fourier transform Raman and infrared spectroscopy, Raman microprobe spectroscopy; inductively coupled plasma emission spectrometry, inductively coupled plasma mass spectrometry, thermal analysis, and materials testing equipment.

**Centre in Statistical Science and Industrial Mathematics (CiSSaIM)**
The mission of the Centre is to create new knowledge in statistical science, industrial mathematics and operations research.
and to bring the benefits of this knowledge, its scholarship and expertise to QUT and the wider community. This has and will be achieved through:

- performing high quality research
- providing a focus and resources for researchers to perform research in statistical science, industrial mathematics and operations research
- providing postgraduate teaching
- providing a consulting service to the community
- promoting collaborative projects between the Centre, other QUT centres and organisations in Queensland, interstate and overseas
- providing continuing education to the community

As its main research focus, the Centre develops statistical, mathematical and operations research models and efficient algorithms for the analysis of problems of significance to industry, government and the community. The Centre acknowledges the need to forge links with Australian and international organisations. A major feature of the Centre’s activities is the high proportion of collaboration in research projects with other researchers within QUT, other Australian universities, government and industry, and international researchers. The Centre also aims to maintain and develop strong links with industry by providing expert consulting in statistics, mathematics and operations research.


The Centre is developing statistical, mathematical and operations research techniques in areas including:

- Analysis of spatial data
- Analysis of time dependent data
- Applied statistics (including financial, biometrics, cryptography)
- Biodiversity modelling
- Bioinformatics
- Cancer modelling
- Computational electromagnetics
- Data visualisation
- Decision making
- Health outcomes modelling
- Industrial modelling
- Logistics
- Mathematical biology
- Oceanographic modelling
- Porous media modelling
- Production planning systems
- Scheduling
- Scientific computation & high performance computing
- Simulation
- Statistical Inference
- Transportation modelling

Within CiSSaIM, there are three specialist research units, the Mathematics and Statistics Consulting unit (MSCu), Operations Research & Decision Sciences (OR&DS) and the EMU (Environmental Modelling unit). Consulting services are provided within QUT and to external clients in industry and government by the Mathematics and Statistics Consulting unit (MSCu) and other staff of the Centre. The Environmental Modelling unit (EMU) is a focus group for environmental modelling, including issues such as salinity, fish populations and biodiversity.

The Centre has a strong postgraduate teaching program with around 25 students enrolled in part-time and full-time postgraduate research studies. Many of these students are working on collaborative projects with co-supervisors from outside QUT in industry or research organisations.

The Centre has excellent computing facilities, with access to QUT’s SGI supercomputer which has more than 50 processors. The Centre is also involved in the national high performance computing program under APAC (Australian Partnership for Advances Computing), which has a system in place capable of performing tera-bytes of operations per second. The Centre is one of the users of Australia’s first tera-FLOPS computing facility. The computing power is complemented by advanced visualisation systems, centrally provided research facilities and support.

**Director:** Professor D.L.S. McElwain, BSc(Hons) Qld, PhD York (Can)
Tel: +61 7 3864 2308
Fax: +61 7 3864 2310
Email: cissaiminfo@fsc.qut.edu.au

**Centre for Medical, Health and Environmental Physics**

The Centre for Medical, Health and Environmental Physics provides a focus for research, postgraduate student training, continuing education and consultancy in the applications of physics and medical radiations to clinical, environmental and health areas. The centre has strong links with relevant hospitals, government departments and industry. Research in the centre is concentrated in two main programs, medical physics and environmental physics. Experimental programs are supported by a theoretical physics group. Examples of current areas of research are:

**Medical Physics Program**

- Clinical measurement
- Development of diagnostic instrumentation
- Diagnostic methodologies
- Magnetic resonance imaging
- Image analysis and QA in medical imaging
- 3D imaging
- NMR - microimaging
- Extracellular water measurement applied to Lymphoedema
- Lean body mass measurements
- Radiotherapy physics
- Gel dosimetry
- Bone densitometry
- Environmental Physics Program
- Modelling and measurement of air pollutants/aerosols
- Measurement of vehicular emissions
- Environmental radioactivity
- Radiation health physics
- Ultraviolet radiation monitoring
- Daylighting (natural lighting) research
- Photometry
- Sustainable energy

**Director:** Associate Professor Brian J Thomas
Phone +61 7 3864 2586
2.4 Additional requirements for admission to a particular program may be laid down by the Academic Board.

2.5 In considering an applicant for registration the Academic Board shall, in addition to assessing the applicants suitability, assess the proposed program and its relevance to the aims and objectives of the University.

2.6 A candidate may register either as a full-time or as a part-time student.

2.6.1 To be registered as a full-time student, a candidate must be able to commit to the course not less than three-quarters of a normal working week, averaged over each year of candidacy. Such a student may not devote more than 300 hours annually to teaching activities, including preparation and marking.

2.6.2 A candidate who is unable to devote to the course the proportion of time specified in section 2.6.1 may register as a part-time student.

2.7 A candidate may be internal or external. An external candidate is one whose program of research and investigation is based at a place of employment or sponsoring institution. Normally, support of the sponsoring institution for the candidates application is required for a registration.

2.8 The Academic Board may cancel a candidates registration if, after consulting a candidates supervisors and having taken account of all relevant circumstances, the Academic Board is of the opinion that the candidate either has effectively discontinued his/her studies or has no reasonable expectation of completing the course of study within the maximum time allowed (see section 4).

2.9 A candidate whose registration has lapsed or has been cancelled and who wishes subsequently to re-enter the course to undertake a program which is the same or essentially the same as the previous program may be re-admitted under such conditions as the Academic Board may prescribe.

### 3. Course of Study

3.1 A candidate for the degree of Master of Applied Science shall undertake a program of research and investigation on a topic approved by the Academic Board. All projects should be sponsored either by outside agencies such as industry, government authorities, or professional organisations, or by the University itself.

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

3.3 The program includes both coursework and research. The coursework is a program of up to 64 credit points as defined in sections 3.5 and 3.6 as appropriate for each candidate.

The research component is a program of supervised research and investigation of at least 128 credit points as described in 3.1 and 3.2.

3.4 The students progress will be monitored continually throughout the first 96 credit points of the course. Where the School Research Committee, on the advice of the supervisors, is of the opinion that progress is not satisfactory, the student will be advised to consider transferring his/her enrolment to the SC71 Graduate Diploma in Applied Science course.

3.5 Coursework at masters level may be conducted in a number of ways such as:
- advanced lecture courses
- seminars in which faculty and students present critical studies of selected problems within the subject field
- independent study or reading courses

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

3.6 A candidate shall be required to participate in and present seminars as considered appropriate by the Principal Supervisor. The candidate shall be notified of minimum attendance requirements at the time of acceptance of enrolments.

3.7 Students entering the course with an Honours degree or its equivalent or candidates with substantial relevant work experience normally gain exemptions to a maximum of 96 credit points at the discretion of the Academic Board on the recommendation of the Head of School.

3.8 Students entering the course with a Graduate Diploma may gain exemption to a maximum of 96 credit points at the discretion of the Academic Board on the recommendation of the Head of School.

3.9 An application for registration should set out the candidates intended course of study in broad outline but with specific objectives for the first year. The description should include the area of study within which the candidates course lies, the coursework to be undertaken and the proposed title of the thesis to be written.

At an appropriate time during the first year of full-time study or its equivalent the candidate must document and have approved by Academic Board on the recommendation of the Head of School a detailed course of study for the entire program. This description must include in addition to the proposed thesis title, the aim of the proposed program of research and investigation, its background, the significance and possible application of the research program, and the research plan.

4. Period of Time for Completion of Course of Study

4.1 A full-time candidate who does not hold an Honours degree appropriate to the course of study will normally be required to complete both course and research work, including submission of the thesis for examination during a period of registration of 24 months. The corresponding period in the case of a part-time candidate shall be 48 months. In special cases the Academic Board may approve a shorter period.

4.2 A holder of an Honours degree or its equivalent appropriate to the course of study may submit the thesis for examination after not less than 12 months of registration if a full-time student, or 24 months if a part-time student. In special cases the Academic Board may approve a shorter period.

4.3 Where application is made for permission to extend the period within which the candidate may submit a thesis for examination, details of the candidates progress shall be presented to the Academic Board together with the reasons for the delay in completing the work and the expected date of completion. Where the Academic Board agrees to an extension, it may set a limit to the maximum period of registration in the program.

5. Transfer of Registration

5.1 Where a candidate has undertaken part of a proposed course of study as a registered student in another institution, this period of registration may, on application in writing to the Academic Board at the time of application for registration, be counted towards the candidates period of registration in the QUT course. The application must include details of the work already undertaken, the reasons for the transfer and the expected date of completion.

5.2 Applications for transfer normally should be submitted at least 12 months in advance of the probable date of submission of the thesis.

6. Supervision

6.1 For each candidate the Academic Board shall appoint one or more supervisors with appropriate experience provided that, where more than one supervisor is appointed, one shall be nominated as the Principal Supervisor and the others as Associate Supervisors.

6.2 In the case of an internal student, the Principal Supervisor normally shall be from the academic staff of the school where the student carries out the work.

6.3 In the case of an external student, the Principal Supervisor normally shall be from the academic staff of the school supporting the work and at least one Associate Supervisor shall be from the sponsoring organisation.

6.4 At the end of each six-month period a student shall submit a report on the work undertaken to the Principal Supervisor and the Principal Supervisor shall submit a report to the Academic Board on the students work. This report shall be seen by the candidate before submission to the Academic Board.

7. Place and Conditions of Work

7.1 The research program is carried out under supervision in a suitable environment normally in Australia.

7.2 The Academic Board shall not admit a candidate to undertake a program of research based at the University unless it has received a statement from the Head of School in which the study is proposed that, in their opinion, the applicant is a fit person to undertake a research program leading to the masters degree, that the program is supported, and that the school/centre is willing to undertake the responsibility of supervising the applicants work.

7.3 The Academic Board shall not admit a candidate to undertake a research program based at a sponsoring establishment unless it has received:

- a statement from the employer or director of the sponsoring institution that the applicant will be provided with facilities to undertake the research project and that they are willing to accept responsibility for supervising the applicants work, and
- a statement from the Head of School or the Director of the Centre in which the study is proposed that, in their opinion, the applicant is a fit person to undertake a research program leading to the masters degree, that the program is supported, and that after examination of the proposed external facilities and supervision, the school is willing to accept the responsibility of supervising the work.

8. Thesis

8.1 In the form of presentation, availability and copyright, the thesis shall comply with the provisions of the document Requirements for Presenting Theses.

8.2 The candidates application for registration should set out the intended course of study in broad outline but with specific objectives for the first year. The description should include the area of study within which the candidates course lies, the coursework to be undertaken and the proposed title of the thesis to be written.

At an appropriate time during the first year of full-time study or its equivalent the candidate must document and have approved by Academic Board on the recommendation of the 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.

■ 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
Course coordinator: Dr Mark O’Brien

Special Course Requirements

Students should consult the Course Coordinator regarding their programs.

Students must select two disciplinary specialisation elective units.

Research Project Component

It is highly preferred that applicants discuss project areas prior to enrollment in the course and that they select both a suitable project and a project supervisor 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 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.

Course Structure - Full-time

Year 1, Semester 1

LSN160 Epidemiology for Life Scientists
LSP127 Business Aspects of Biotechnology
BSN408 Business and the International Environment
GSN408 Marketing Management 1
GSN418 Marketing Management 2
HHB270 Gene Technology and Ethics
JSN014 Law, Justice and New Genetic Technologies
MAB523 Introduction to Quality Management

Year 1, Semester 2

LSN102 Cellular Basis of Disease
LSN104 Advanced Topics in Natural Resource Sciences 1
LSN105 Advanced Topics in Natural Resource Sciences 2

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.
Select an elective unit from the following:

GSN408 Marketing Management 1
GSN418 Marketing Management 2
LSP130 Diagnostic Technologies
Year 2, Semester 1
LSN710 Project

Course Structure - Part-time
Year 1, Semester 1
LSN160 Epidemiology for Life Scientists
Select an elective unit shown under Year 1, Semester 1 in the above full-time course
Year 1, Semester 2
LSB637 Molecular Genetics
Select an elective unit shown under Year 1, Semester 2 in the above full-time course
Year 2, Semester 1
LSP127 Business Aspects of Biotechnology
Select an elective unit shown under Year 1, Semester 1 in the above full-time course
Year 2, Semester 2
LSN102 Cellular Basis of Disease
Select an elective unit shown under Year 1, Semester 2 in the above full-time course
Year 3, Semester 1
LSN711 Project 1
Year 3, Semester 2
LSN712 Project 2
MGN409 Introduction to Management

■ Master of Applied Science (Medical Imaging) (PH80)

Award title: Master of Applied Science (Medical Imaging)
CRICOS code: 003473J
Location: Gardens Point
Course Structure
Course duration (full-time): 1 year plus Summer Program
Total credit points: 144
Course coordinator: A/Prof Brian J Thomas
Discipline coordinator: Pam Rowntree

Course Structure
To complete the Graduate Diploma of Applied Science (Medical Imaging) PH71 students must complete units from the Stage 1 list totalling 96 credit points.

In Stage 2 students undertake a program of supervised research and investigation that can be completed at QUT, or in a suitable external institution in Brisbane, Queensland country, interstate or overseas. Students can graduate with a Graduate Diploma in Medical Imaging after satisfactory completion of Stage 1.

Course structure
To complete the Graduate Certificate of Applied Science (Medical Imaging) PH60 students must complete 4 units from the list below, totalling 48 credit points. To complete the Graduate Diploma of Applied Science (Medical Imaging) PH71 students must complete 8 units from the list below, totalling 96 credit points:

Stage 1 - Second Semester
PCB682 Magnetic Resonance Imaging
PCN182 Advanced Computed Tomography
PCN184 Breast Imaging
PCN218 Research Methodology and Professional Studies
Elective (as approved by the Course Coordinator)
PCN187 Specialist Studies
PCN197 Clinical Attachment 1
Students who have previously completed a degree program containing PCB682 or an equivalent unit are ineligible to enrol in PCB682
PCN197 1/2 & 2/2 must be undertaken in one semester

Stage 1 - Summer Program
PCN187 Specialist Studies
PCN281 Advanced Magnetic Resonance Imaging
PCN318 Radiographic Interpretation
Elective (as approved by the Course Coordinator)
PCN197 Clinical Attachment 1

Stage 1 - First Semester
PCB593 Digital Image Processing
PCB593 is optional in place of a unit from Second Semester or Summer Program.

Stage 2 - Project Over One Semester
PCN520 Project (FT)

Stage 2 - 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 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 Physics) (PH80)

Award title: Master of Applied Science (Medical Physics)
CRICOS code: 003473J
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: A/Prof Brian J Thomas
Discipline coordinator: Dr Greg Michael

Course Structure
This degree consists of two stages. Stage 1 (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 (Masters) students undertake a program of supervised research and investigation that can be completed at QUT, or in a suitable external institution in Brisbane, Queensland country, interstate or overseas. Students can graduate with a Graduate Diploma in Medical Physics after satisfactory completion of Stage 1.

To complete Stage 1, students must complete units from the list below, totalling 96 credit points:

Stage 1 - First Semester
LSB142 Human Anatomy and Physiology
PCN113 Radiation Physics
PCN114 Microprocessors and Instrumentation
PCN211 Medical Imaging

Stage 1 - Second Semester
PCN112 Medical Imaging Science
PCN212 Radiotherapy
PCN214 Health and Occupational Physics
PCN218 Research Methodology and Professional Studies

Stage 2 - Project Over One Semester or Summer Program
PCN520 Project (FT)

Stage 2 - 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 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.
Course Structure
This degree consists of two stages. Stage 1 (Graduate Diploma - PH71) takes 12 months of full-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. The full-time course starts with eight weeks of formal lectures. Students undertake clinical experience throughout the semester. The second semester of Stage 1 contains another eight weeks of formal lectures and further clinical experience. A summer term of clinical experience is also included. If students are not based in Brisbane, this structure allows them to attend by offering the formal classroom component in two intensive eight-week blocks of lectures.

Students can apply to enrol in Stage 1 (Graduate Diploma) as a part-time student and complete the program over two years. Stage 2 (Master of Applied Science - PH80) involves completion of a research project and submission of a thesis. Students can undertake this project internally at QUT, or externally under QUT staff supervision on appointment of a suitable external supervisor. This stage takes six months full-time or equivalent to complete after successful completion of Stage 1.

Course structure
To complete Stage 1, students must complete the units listed below, totalling 96 credit points:

**Stage 1 - First Semester**
- LSN159 Advanced Pathology
- PCN159 Ultrasonic Examination 1
- PCN162 Principles of Medical Ultrasound
- PCN197 Clinical Attachment 1
- PCN297 Clinical Attachment 2

**Stage 1 - Second Semester**
- PCN218 Research Methodology and Professional Studies
- PCN355 Cardiovascular Ultrasound
- PCN356 Ultrasonics Examinations 2
- PCN197 Clinical Attachment 1
- PCN297 Clinical Attachment 2

**Summer Program**
- PCN297 Clinical Attachment 2
  - Each clinical attachment unit (i.e. PCN197/1, PCN197/2 and PCN297) involves a minimum of 240 hours of clinical experience. Students must successfully complete these units in their order PCN197/1, PCN197/2 and PCN297 unless special permission is granted. PCN297 is only undertaken in one semester, following successful completion of PCN197.

**Stage 2 - Project Over One Semester**
- PCN520 Project (FT)

**Stage 2 - 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 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 '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.
■ Graduate Diploma in Applied Science (Medical Imaging) (PH71)
Award title: Graduate Diploma in Applied Science (Medical Imaging)
CRICOS code: 02031SD
Location: Gardens Point
Course duration (full-time): 1 year
Total credit points: 96

Course Structure
To complete the Graduate Diploma in Applied Science (Medical Imaging) PH71 students must complete units from the Stage 1 list totalling 96 credit points.

Stage 1 - Second Semester
PCB682 Magnetic Resonance Imaging
PCN182 Advanced Computed Tomography
PCN184 Breast Imaging
PCN218 Research Methodology and Professional Studies
Elective (as approved by the Course Coordinator)
PCN187 Specialist Studies
PCN197 Clinical Attachment 1
Students who have previously completed a degree program containing PCB682 or an equivalent unit are ineligible to enrol in PCB682
PCN197 1/2 and 2/2 must be undertaken in one semester

Stage 1 - Summer Term
PCN187 Specialist Studies
PCN281 Advanced Magnetic Resonance Imaging
PCN318 Radiographic Interpretation Elective (as approved by the Course Coordinator)
PCN197 Clinical Attachment 1

Stage 1 - First Semester
PCB593 Digital Image Processing
PCB593 is optional in place of a unit from Second Semester or Summer Term

■ Graduate Diploma in Applied Science (Medical Physics) (PH71)
Award title: Graduate Diploma in Applied Science (Medical Physics)
CRICOS code: 02031SD
Location: Gardens Point
Course duration (full-time): 1 year
Course duration (part-time): 2 years
Total credit points: 96

Course Structure
This degree consists of two stages. Stage 1 (Graduate Diploma) 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 (Masters) students undertake a program of supervised research and investigation that can be completed at QUT, or in a suitable external institution in Brisbane, Queensland country, interstate or overseas. Students can graduate with a Graduate Diploma in Medical Physics after satisfactory completion of Stage 1.

Students must complete units from the list below, totalling 96 credit points:

Stage 1 - First Semester
LSB142 Human Anatomy and Physiology
PCN211 Medical Imaging
PCN113 Radiation Physics
PCN114 Microprocessors and Instrumentation

Stage 1 - Second Semester
PCN112 Medical Imaging Science
PCN212 Radiotherapy
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 (full-time): 1 year (includes Summer Program)
Course duration (part-time): 2 years
Total credit points: 96

Course Structure
This degree consists of two stages. Stage 1 (Graduate Diploma) takes 12 months of full-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. The full-time course starts with eight weeks of formal lectures. Students undertake clinical experience throughout the semester. The second semester of Stage 1 contains another eight weeks of formal lectures and further clinical experience. A summer term of clinical experience is also included. If students are not based in Brisbane, this structure allows them to attend by offering the formal classroom component in two intensive eight-week blocks of lectures.

Students can apply to enrol in Stage 1 (Graduate Diploma) as a part-time student and complete the program over two years. Stage 2 (Master of Applied Science) involves completion of a research project and submission of a thesis. You can undertake this project internally at QUT, or externally under QUT staff supervision on appointment of a suitable external supervisor. This stage takes six months full-time or equivalent to complete after successful completion of Stage 1.

Course Structure - Full-time
Students must complete the units listed below, totalling 96 credit points:

Stage 1 - First Semester
LSN159 Advanced Pathology
PCN159 Ultrasonic Examination 1
PCN162 Principles of Medical Ultrasound
PCN197 Clinical Attachment 1
Stage 1 - Second Semester
PCN218 Research Methodology and Professional Studies
PCN355 Cardiovascular Ultrasound
PCN356 Ultrasonic Examinations 2
PCN197 Clinical Attachment 1
PCN197 is a full year unit

Summer Program
PCN297 Clinical Attachment 2
Each clinical attachment unit (i.e. PCN197/1, PCN197/2 and PCN297) involves a minimum of 240 hours of clinical experience. Students must successfully complete these units in the order PCN197/1, PCN197/2 and PCN297 unless special permission is granted. PCN297 is only undertaken in one semester, following successful completion of PCN197.
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
Course coordinator: Dr Al Grenfell

Entry requirements
A bachelor degree in applied science or equivalent qualification or other evidence of qualifications that satisfy the Faculty Academic Board that the applicant possesses the capacity to pursue the course of study.

Course Structure
Candidates for the degree of Graduate Diploma in Applied Science shall undertake a program of coursework, or coursework and minor research project, as approved by the Academic Board on the advice of the Head of the School.

Students must complete a total of 96 credit points which may consist of:
- at least 60 and up to a maximum of 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 SC80 MAppSc 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 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
Course coordinator: Dr Mark O'Brien

Professional Recognition
Graduates are eligible to join the Australian Biotechnology Association, 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
Select three elective units from the following:
- BSN408 Business and the International Environment
- GSN408 Marketing Management 1
- GSN418 Marketing Management 2
- HHB270 Gene Technology and Ethics
- JSN014 Law, Justice and New Genetic Technologies
- LSN160 Epidemiology for Life Scientists
- MAB523 Introduction to Quality Management

Year 1, Semester 2
LSB607 Protein Purification
LSB637 Molecular Genetics
Select two elective units from the following:
- GSN408 Marketing Management 1
- GSN418 Marketing Management 2
- LSB677 Plant Biotechnology 2
- LSN102 Cellular Basis of Disease
- LSP130 Diagnostic Technologies
- MGN409 Introduction to Management

Course Structure - Part-time
Year 1, Semester 1
LSP127 Business Aspects of Biotechnology
Select an elective unit shown under Year 1, Semester 1 in the above full-time course

Year 1, Semester 2
LSB607 Protein Purification
Select an elective unit shown under Year 1, Semester 2 in the above full-time course

Year 2, Semester 1
Select two elective units shown under Year 1, Semester 1 in the above full-time course

Year 2, Semester 2
LSB637 Molecular Genetics
Select two elective units shown under Year 1, Semester 2 in the full-time course above

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
Course coordinator: Margo Harkness

Entry Requirements
To be eligible to enrol an applicant will normally have:
- A degree or diploma level qualification in a relevant science or allied health field; and
- Access to suitable clinical experience for the duration of the course

Persons who do not meet the normal entry requirements may be permitted to enrol subject to the approval of the Head of the School of Physical Sciences. Applicants should submit as much detail as possible about previous studies and prior learning.
experiences that may be relevant. In some cases a bridging program may be required.

**Professional Recognition**
This course is accredited with the Australasian Sonographer Accreditation Registry (ASAR).

**Course structure**
To complete the Graduate Diploma in Cardiac Ultrasound students must complete the units listed below (total 96 credit points):

**First Semester**
- LSN529 Cardiac Anatomy, Embryology and Pathology
- PCN162 Principles of Medical Ultrasound
- PCN494/1 Clinical Attachment 5

**Second Semester**
- PCN359 Cardiac Ultrasound 1
- PCN494/2 Clinical Attachment 5

**Third Semester**
- PCN218 Research Methodology and Professional Studies
- PCN359/1 Cardiac Ultrasound 2
- PCN559/1 Clinical Attachment 5/1

**Fourth Semester**
- PCN188 Advanced Cardiac Ultrasound
- PCN559/2 Clinical Attachment 5/2

*The clinical attachment units are 2 semester units.

### Graduate Certificate Applied Science (Breast Ultrasound) (PH60)

**Award title:** Graduate Certificate Applied Science (Breast Ultrasound)

**CRICOS code:** 034716E

**Location:** Gardens Point

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

**Total credit points:** 48

**Course coordinator:** Margo Harkness

**Course structure**

**Semester 1 (Formal classes are conducted in an intensive one-week block in each semester)**
- PCN110 Principles of Medical Ultrasound
- PCN187 Specialist Studies
- PCN397 Clinical Attachment 3
  - PCN397/1 is a two semester unit
  - Formal classes will be conducted in Orientation Week in February. Classes will be held 8.30am-5.30pm Monday to Saturday (inclusive). There will be a compulsory introductory session in this week. It is important that all students attend this session.

**Semester 2 (Formal classes are conducted in an intensive one-week block in each semester)**
- PCN184 Breast Imaging
- PCN397 Clinical Attachment 3
  - PCN397/2 is a two semester unit
  - Formal classes will be conducted in a week to be advised. Classes will be held 8.30am-5.30pm Monday to Friday. Outside the formal lecture program students will be engaged in self-study, independent research, assignment preparation and clinical experience activities.

### Graduate Certificate in Applied Science (Medical Imaging) (PH60)

**Award title:** Graduate Certificate in Applied Science (Medical Imaging)

**CRICOS code:** 034716E

**Location:** Gardens Point

**Course duration (full-time):** 0.5 year

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

**Total credit points:** 48

**Course coordinator:** A/Prof Brian J Thomas

**Discipline coordinator:** Pam Rowntree

**Course Requirements**
To complete the Graduate Certificate in Applied Science (Medical Imaging) PH60 students must complete four units from the list below totalling 48 credit points. Only one elective may be included.

### Course structure

**Second Semester**
- PCB582 Magnetic Resonance Imaging
- PCN182 Advanced Computed Tomography
- PCN484 Breast Imaging
- PCN218 Research Methodology and Professional Studies
- Elective (as approved by the Course Coordinator)
- PCN187 Specialist Studies
- PCN197 Clinical Attachment 1
  - Students who have previously completed a degree program containing PCB582 or an equivalent unit are ineligible to enrol in PCB582
  - PCB582 1/2 and 2/2 must be undertaken in one semester

**Summer Program**
- PCN187 Specialist Studies
- PCN281 Advanced Magnetic Resonance Imaging
- PCN318 Radiographic Interpretation
- Elective (as approved by the Course Coordinator)
- PCN197 Clinical Attachment 1
  - PCB197 1/2 and 2/2 must be undertaken in one semester

**First Semester**
- PCB593 Digital Image Processing
- PCB593 is optional in place of a unit from Second Semester or Summer Program

### Bachelor of Applied Science + 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

**Total credit points:** 384 (BAppSc 288 credit points and BAppSc(Hons) 96 credit points)

**Course coordinator:** Dr Al Grenfell

**Discipline coordinator:** Life Sciences (SCB501 Only): Dr Rob Harding/Life Sciences (Other Units): Dr Alex Anderson/Mathematical Sciences: A/Prof Vo Anh/Natural Resource Sciences: Dr Kelley Whitaker/Physical Sciences - Chemistry: Dr Dennis Arnold/Physical Sciences - Physics: Dr Dmitri Gramotnev

**General**

The Dean’s Scholars Accelerated Honours Program provides an enriched course of study for students who have obtained a high level of achievement in secondary school. It also offers an accelerated pathway that enables students to complete both the Bachelor of Applied Science and the Bachelor of Applied Science (Honours) courses in just three years. Students are accepted into the program on the basis of outstanding academic ability and an interest in scientific research. Applicants are required to attend a personal interview.

Students in the Dean’s Scholars Accelerated Honours Program complete both the BAppSc course (normally 3 years’ duration) and the BAppSc(Hons) course (normally 1 year duration) in a total of three years. The courses overlap in the fifth semester, in which Scholars complete the requirements for the BAppSc degree by undertaking the final 24 credit points (or 12 credit points in the case of majors in Life Sciences) of this program in the same semester that they commence their BAppSc(Hons) course.

All of the majors and comajors offered in the SC01 course are available within the BAppSc component of the Dean’s Scholars Accelerated Honours Program. In addition, all of the majors offered in the BAppSc(Hons) course are available to Dean’s Scholars. (Full details of the SC01 BAppSc and SC60 BAppSc(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 Design
The course is designed to allow Dean’s Scholars to complete both the BAppSc and BAppSc(Hons) courses in an enriched and accelerated manner.

In the BAppSc component of the Dean’s Scholars Accelerated Honours Program, the majors available are: Biochemistry; Biotechnology; Chemistry; Ecology; Environmental Science; Geology; Mathematics; Microbiology; and Physics. Comajors include: Applied Geology; Astrophysics; Biodiversity; Biomolecular Sciences; Environmental Studies; Forensic Science; Industrial Chemistry; Medical and Health Physics; Scientific Computation and Visualisation.

Professional Recognition
For graduates with approved study: Australasian Association of Clinical Biochemists; Australasian Institute of Mining and Metallurgy; Australian Biotechnology Association; 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 of Operations Research; Ecological Society of Australia; Geological Society of Australia; Royal Australian Chemical Institute; Statistical Society of Australia.

Course Structure
The general course structures for major studies in Chemistry, Physics, Life Sciences, and Mathematics in the Dean’s Scholars Accelerated Honours Program are indicated below.

Course Structure - Majors in Chemistry and Physics

Year 1, Summer Term (24 cp)
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 (12cp + 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 Term (24 cp)
Dean’s Scholars Program enrichment unit:
SCB301 Science for Dean’s Scholars

Year 1, Semester 1 (60 cp)
Dean’s Scholars Program enrichment unit:
SCB303 Tutorial Program for Dean’s Scholars
Normal BAppSc and BAppSc(Hons) units: BAppSc Coursework (48 cp)

Year 1, Semester 2 (60 cp)
Dean’s Scholars Program enrichment unit:
SCB401 Research Methods for Dean’s Scholars
Normal BAppSc and BAppSc(Hons) units: BAppSc Coursework (48 cp)

Year 2, Semester 1 (72 cp)
Dean’s Scholars Program enrichment unit:
SCB501 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) units: 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 Term (24 cp)
EITHER Dean’s Scholars Program enrichment unit (MS module + MA module + one of the PH, CH, and LS modules):
SCB301 Science for Dean’s Scholars
OR
MAB101 Statistical Data Analysis I
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 (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
Course coordinator: Dr Al Grenfell
Discipline coordinator: Chemistry: Dr John Bartley/Ecology: A/Prof Peter Mather/Environmental Science & Geology: A/Prof David Gust/Life Science: Dr Terry Walsh/Mathematics: Dr Troy Farrell/Physics: A/Prof Brian Thomas
Entry Requirements
To be eligible for admission, students should have completed QUT’s Bachelor of Applied Science SC01 (SC30, CH32, LS36, LS37 or MA34) or equivalent and should have attained a grade point average (GPA) of at least 5.0 over that degree, including grades of at least credit (5) in all units directly relevant to the proposed Honours program. Application for admission should normally be made at the end of the pass degree, or within 18 months of completing that degree.

Applicants who do not satisfy the above conditions but who have demonstrated outstanding performance in only the final year of a degree, or whose application is based on other factors including work experience or involvement in research, may be admitted at the discretion of the Dean of Faculty.

Please note that for the Mathematics major, other degrees with major studies in Mathematics (including Statistics) may provide suitable entry to the program.

With majors in: Chemistry, Geology, Ecology, Environmental Science, Life Science, Mathematics and Physics

Professional Membership
Relevant scientific professional bodies include: Australasian Association of Clinical Biochemists; Australasian Institute of Mining and Metallurgy; Australian Biotechnology Association; 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 of 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. Eligibility for membership is based on the major you undertake and the Bachelor of Applied Science course that underpins it.

Course Structure
The honours program comprises 96 credit points. Full-time students undertake 48 credit points in each semester. The course structure depends on the major and may vary slightly from one student to another, depending on the program and particular units chosen.

The general course structure consists of a project and units or advanced topics chosen from the program of the selected major. Part-time candidates annually undertake approximately half of the full-time program. Classes are held at the same times as for full-time students and thus may involve some day release from employment.

Project (60 credit points) & Coursework (36 credit points)
Majors: Chemistry, Ecology, Environmental Science, Geology, Life Science, Physics

Project (36 credit points) and Coursework (60 credit points)
Major: Mathematics
Students should consult the course coordinator concerning the availability of units and selection of units for their major. Cross-institutional enrolment may be arranged in specific coursework units that are not offered by the Faculty of Science.

Course Structure - Major in Chemistry

Year 1, Semester 1
PCB700 Research Project
PCB700 Research Project
PCB702 Research Project
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 Physics

Year 1, Semester 1
PCB700 Research Project
PCB700 Research Project
PCB700 Research Project
PCB700 Research Project
PCB780 Advanced Topics in Chemistry 1

Year 1, Semester 2
PCB700 Research Project
PCB700 Research Project
PCB700 Research Project
PCB700 Research Project
PCB780 Advanced Topics in Chemistry 1

Course Structure - Major in Mathematics

Year 1, Semester 1
MAB787 Project
36 credit points of elective units selected from the list below*

Year 1, Semester 2
MAB787 Project
24 credit points of elective units selected from the list below*

Elective list (Mathematics) - 60 credit points to be selected:

MAB717 Minor Project
(MAB717 and elements of MAB787 may be undertaken during the Summer Program)
MAB761 Analysis
MAB762 Perturbation Methods and Field Theory
MAB763 Fluid and Solid Dynamics
MAB764 Applied Mathematical Modelling
MAB765 Inference and Applications
MAB766 Applied Time Series Analysis
MAB767 Applied Statistics and Consulting
MAB768 Advanced Techniques in Operations Research
MAB769 Mathematics of Finance 4
MAB770 Industrial Mathematics
MAB771 Computational Mathematics 4

* The Course Coordinator may approve a student taking 24 credit points of elective units (together with MAB787/1 and MAB787/2) in Semester 1 and 36 credit points of elective units (together with MAB787/3) in Semester 2.

Up to 12 credit points from the following list can be included in the 60 credit points of electives:

Elective list (Mathematics) - 60 credit points to be selected

MAB522 Computational Mathematics 3
MAB524 Statistical Inference
MAB526 Statistical Science 3
MAB613 Partial Differential Equations
MAB672 Advanced Mathematical Modelling

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 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

Elective List (Physics)
PWB706 Quantum Mechanics
PWB708 Advanced Topics in Physics
PCN112 Medical Imaging Science
PCN113 Radiation Physics
PCN114 Microprocessors and Instrumentation
PCN211 Medical Imaging
PCB682 Magnetic Resonance Imaging
PCB675 Radiation Safety and Quality Assurance
PCB672 Project
Year 3, Semester 2
PCB672 Project
PCB593 Digital Image Processing
PCB580/1 Clinical Radiography 3
Year 3, Semester 1
PCB495 Computer Assisted Treatment Planning 1
PCB489 Clinical Radiotherapy 2
PCB495 Computer Assisted Treatment Planning 1
PCB497 Megavoltage Therapy 3
Year 3, Semester 1
PCB397 Megavoltage Therapy 2
PCB390/2 Clinical Radiotherapy 3
PCB389 Clinical Radiotherapy 1
Year 2, Semester 2
PCB396/2 Radiotherapy Planning and Physics
PCB390/1 Clinical Radiotherapy 3
PCB393 Digital Image Processing
PCB395 Computer Assisted Treatment Planning 2
PCB672 Project
Year 3, Semester 2
PCB675 Advanced Treatment Planning Topics
PCB675 Radiation Safety and Quality Assurance
PCB672 Project
Year 3, Semester 2
PCB687 Specialised Radiotherapy Technique 2
PCB685 Advanced Treatment Planning Topics
PCB680/2 Clinical Radiography 3
PCB667 Advanced Radiographic Technique 2
PCB675 Radiation Safety and Quality Assurance
PCB682 Magnetic Resonance Imaging

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 Medical Imaging Technology
Year 1, Semester 1
LSB145 Anatomy 1 and Introductory Pathology
PCB007 Patient Care in Professional Practice
PCB107 Physics and Quantitative Techniques
PCB178 Principles of Medical Radiations
Year 1, Semester 2
LSB245 Anatomy 2 and Introductory Pathology
PCB276 General Radiography 1
PCB272 Radiation Physics 1
PCB277 Radiographic Practice
Year 2, Semester 1
LSB321 Systematic Pathology
LSB345 Imaging Anatomy 1
PCB375/1 Radiographic Equipment
PCB377 General Radiography 2
PCB379 Clinical Radiography 1
Year 2, Semester 2
LSB445 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
PCB681 Computed Tomography Imaging
Year 3, Semester 2
PCB580/2 Clinical Radiography 3
PCB667 Advanced Radiographic Technique 2
PCB672 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

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 and Introductory Pathology
PCB007 Patient Care in Professional Practice
PCB107 Physics and Quantitative Techniques
PCB178 Principles of Medical Radiations
Year 1, Semester 2
LSB245 Anatomy 2 and Introductory Pathology
PCB272 Radiation Physics 1
PCB286 Treatment Planning 1
PCB287 Megavoltage Therapy 1
Year 2, Semester 1
LSB321 Systematic Pathology
LSB345 Imaging Anatomy 1
PCB389 Clinical Radiotherapy 1
PCB396/1 Radiotherapy Planning and Physics
PCB397 Megavoltage Therapy 2
Year 2, Semester 2
LSB445 Imaging Anatomy 2
PCB390/2 Clinical Radiotherapy 3
PCB393 Digital Image Processing
PCB395 Computer Assisted Treatment Planning 2
PCB672 Project
Year 3, Semester 2
PCB389 Clinical Radiotherapy 1
PCB387 Megavoltage Therapy 1
PCB390/1 Clinical Radiotherapy 3
PCB393 Digital Image Processing
PCB395 Computer Assisted Treatment Planning 2
PCB672 Project
PCB675 Radiation Safety and Quality Assurance
PCB687 Specialised Radiotherapy Technique 2
PCB695 Advanced Treatment Planning Topics

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
Course coordinator: Dr Neville Bofinger
Discipline coordinator: Biochemistry: Dr Alex Anderson/Biotechnology: Dr Ron Epping/Chemistry: Dr Dennis Arnold - Ph 3864 2482/Ecology: Dr Ian Williamson/Environmental Science: Graham Kimber/Geology: David O’connell/Mathematics: Dr Jack Wrigley/Microbiology: Dr Megan Hargreaves/Physics: Dr Bruce Cornish

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 that 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 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 Majors: Biochemistry; Biotechnology; Chemistry; Ecology; Environmental Science; Geoscience; Mathematics; Microbiology; Physics.

Science Co-Majors: Applied Geology; Astrophysics; Biodiversity; Biomedical Sciences; Forensic Science; Industrial Chemistry; Medical and Health Physics; Scientific Computation and Visualisation.

Non-Science Co-Majors: (for example) Accounting; Aviation; Communication; Humanities; Information Technology; Languages; Marketing; Psychology.

Professional Recognition

Major Areas of Study
Science is knowledge supported by experimental evidence and linked by the symbolic manipulations we know as mathematics. The breadth of science that comprises the programs of the Bachelor of Applied Science course at QUT ranges from the smallest building blocks of matter to the chemistry of the stratosphere, from the molecular basis of life to the structure of the earth, but always with an emphasis on application to the real world.

The study of science leads not only to the acquisition of specific knowledge, but also to the development of logical and analytical thinking that is of value in other areas and professions that a graduate may move to as their career unfolds.

The Bachelor of Applied Science program at QUT allows you a great deal of flexibility in selecting your study program while maintaining the rigour which should allow you, as a graduate, to join the professional body that is important for your career.

Biochemistry: Concerned with the chemical processes that occur in living organisms, with chemical structure, function and properties and with energy flows. It is an essential area of study for many areas of the Life Sciences.

Biotechnology: The use of micro-organisms, plants and animal cells to produce new products and/or processes that have medical or commercial significance. It covers many aspects of life sciences (biochemistry, molecular biology, immunology and microbiology).

Chemistry: The study of the structure, properties, synthesis and reactions of materials. Chemistry is one of the so-called central sciences since its results are used in almost all areas of science - including life sciences, the environment, geosciences, biology, food science.

Ecology: The study of relationships between organisms and their environment, ecology helps to understand the distribution and abundance of organisms. As an applied science, it is used to design strategies for the management of populations of organisms (both natural and commercial).

Environmental Science: Environmental Science at QUT is the application of fundamental, core science disciplines to problems encountered in the management and understanding of our environment. This is an interdisciplinary study area with eligibility for professional membership in the core discipline area.

Geoscience: The systematic study of the Earth and the dynamic interactions of its systems. Geoscience incorporates a study of the materials of the Earth, the natural processes acting in and upon the Earth, and its history.

Mathematics: Covers a broad range of mathematics, including computational mathematics, mathematical modelling, statistical modelling, statistics, operations research and financial mathematics.

Microbiology: Microbiology is the study of living organisms of microscopic size. The principal components are bacteriology, virology and mycology, and area of fundamental importance in the applied sciences of pathology and immunology.

Physics: The science discipline dealing with the natural laws and processes, with the states and properties of matter and energy. Areas of specialisation include mechanics, nuclear physics, optics and radiation physics.

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 units from List A and at least 3 units from List B in Schedule 1
   (b) a major study
   (c) a comajor study (or group of units constituting 72 credit points at advanced level in any approved area of study in the University).

Major and comajor 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 comajor may be completed by selecting appropriate units from another major, or from the following discipline areas: applied geology; astrophysics; biodiversity; biomolecular science; computational science and visualisation; forensic science; industrial chemistry; medical and health physics. A comajor comprises 72 credit points at advanced level. Alternatively, the comajor 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 comajor 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/comajors 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 enrols in an average of 48 credit points per semester for six semesters and a part-time student normally enrols 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 are required to attend scheduled academic advising sessions to plan their progression through the course, and to obtain the approval of an academic adviser prior to effecting any change of enrolment.

6. 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.

**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 comajor(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. Where a unit is mandatory for a major or comajor, the abbreviation for the major or comajor is highlighted by an asterisk.

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 completed the equivalent of the first and second years of the standard full-time course, normally with a GPA of not less than 4.5 overall, may, at the discretion of the Industrial Internship Program Coordinator, undertake the Industrial Internship option. This 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 experience 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**

For the Course Structure for the Bachelor of Applied Science, please refer to the SC01 Course Summary Sheet at the following web address: http://www.sa.qut.com/atqut/studentcentre/publications.jsp.

**Unit Information**

**First Level Units**

BSB112 Introduction to Electronic Commerce
COB005 Scientific and Technical Writing
ITB410 Software Development 1
ITB843 Computing Applications
ITB849 Introduction to Technical Computing
LSB118 Life Science
LSB238 Cell and Molecular Biology 1
LSB258 Human Anatomy and Physiology
MAB100 Mathematical Sciences 1A
MAB101 Statistical Data Analysis 1
MAB105 Preparatory Mathematics
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
NRB232 Environmental Geology
NRB270 Animal and Plant Structure and Function
PCB101 Physical Science
PCB107 Physics and Quantitative Techniques
PCB142 Chemistry 1
PCB242 Chemistry 2
PCB250 Physics 1
PCB260 Physics 1A
PYB012 Psychology
SCB202 Science, Technology and Society
SCB222 Exploration of the Universe

**Second Level Units**

JSB444 Evidence and Investigation for Forensic Scientists
LSB308 Biochemistry
LSB328 Microbiology 1
LSB338 Cell and Molecular Biology 2
LSB358 Physiology 1
LSB397 Plant Physiology 1
LSB408 Metabolism
LSB428 Microbiology 2
LSB438 Immunology 1
LSB458 Physiology 2
LSB468 Molecular Biology
LSB497 Plant Molecular Biology
MAB134 Electrical Engineering Mathematics 3
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
NRB300 Environmental Monitoring
NRB311 Population Ecology
NRB312 Experimental Design
NRB331 Sedimentary Geology
NRB333 Mineralogy
NRB334 Mineral Deposits and Mine Geology
NRB370 Invertebrate Biology
NRB371 Plant Biology
NRB400 Environmental Systems
NRB410 Genetics
NRB411 Ecological Methods
NRB434 Structural Geology and Field Methods
NRB435 Ore Genesis
NRB436 Introduction to Igneous and Metamorphic Petrology
NRB440 Environmental Chemistry
NRB470 Vertebrate Biology
PCB305 Principles of Physical Chemistry
PCB314 Concepts in Analytical Chemistry
PCB354 Structure and Mechanism in Organic Chemistry
PCB361 AC Theory and Electronics
PCB362 Physics 2
PCB404 Scientific Principles of Safety
PCB414 Industrial and Environmental Analytical Chemistry
PCB424 Process Principles
PCB434 Inorganic Chemistry
PCB444 Spectroscopy
PCB460 Instrumentation and Computational Methods
PCB462 Thermodynamics and Solid State Physics
SCB100 Cooperative Education
SCB301 Science for Dean’s Scholars
SCB302 Tutorial Program for Dean’s Scholars
SCB401 Research Methods for Dean’s Scholars
SCB402 Earth Resources Management

**Third Level Units**

LSB508 Advanced Metabolism
LSB509 Medical Biotechnology 1
LSB527 Biomedical Research Technologies
LSB528 Environmental Microbiology
LSB537 Genetic Engineering
LSB547 Bacterial Pathogenesis
LSB558 Advanced Physiology
LSB567 Immunology 2
LSB568 Electron Microscopy
LSB577 Plant Biotechnology 1
LSB578 Virology
LSB607 Protein Purification
Course Design

The course structure comprises a core of six introductory science units, the Environmental Science major, a co-major of six units, and four units of complementary material.

This degree provides opportunities for students to develop a unique suite of skills that combine expertise in geology, ecology, geographical information systems, environmental monitoring and environmental chemistry.

The foundation units develop a strong basis on which the more advanced studies that constitute the Environmental Science major are based. Studies in environmental systems, environmental monitoring, environmental modelling, ecology, environmental chemistry, geographical information systems and environmental geology are integrated to provide a holistic understanding of environmental science. The 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. Co-majors that are available from other faculties on the Carseldine Campus are Geography and Environmental Studies, and Psychology.

Professional Recognition

Graduates fulfil the academic requirements of the Environment Institute of Australia.

Course Structure - Major in Environmental Science

| Year 1, Semester 1 | HHB227 Environment and Society | LSNB118 Life Science | NRB100 Environmental Science | PCB101 Physical Science |
| Year 2, Semester 2 | NRB232 Environmental Geology | NRB270 Animal and Plant Structure and Function | PCB142 Chemistry 1 | AND |
| Year 2, Semester 1 | MAB105 Preparatory Mathematics | OR |
| Year 2, Semester 2 | OR |
| Year 2, Semester 1 | MAB101 Statistical Data Analysis 1 |
| Year 2, Semester 2 | NRB300 Environmental Monitoring |
| Year 2, Semester 2 | NRB311 Population Ecology |
| Year 2, Semester 2 | NRB400 Environmental Systems |
| Year 2, Semester 2 | NRB440 Environmental Chemistry |
| Year 3, Semester 1 | NRB500 Environmental Modelling |
| Year 3, Semester 1 | NRB501 Mapping and Modelling of Natural Resource Data |
| Year 3, Semester 2 | NRB600 Issues in Environmental Management |
| Year 3, Semester 2 | NRB633 Hydrogeology |

Course Structure - Co-Major in Environmental Studies

| Year 1 | Refer to Environmental Science Major Year 1 |
| Year 2, Semester 1 | HHB107 World Regions |
| Year 2, Semester 2 | HHB228 Environmental Hazards |
| Year 3, Semester 1 | HHB250 Australian Geographical Studies |
| Year 3, Semester 2 | HHB312 Geographical Research Design |
| Year 3, Semester 2 | HHB209 Ethics, Technology and the Environment |
| Year 3, Semester 2 | PSB655 Remote Sensing |

Course Structure - Co-Major in Psychology

| Year 1, Semester 1 | PYB007 Interpersonal Processes and Skills |
| Year 1, Semester 1 | PYB012 Psychology |
| Year 1, Semester 2 | PYB007 Interpersonal Processes and Skills |

*PYB007 can be undertaken in either semester 1 or semester 2.
Bachelor of Applied Science (Medical Science) (LS37)

Award title: Bachelor of Applied Science (Medical Science)
CRICOS code: 020331D
Location: Gardens Point
Course duration (full-time): 3 years
Course duration (part-time): 6 years
Total credit points: 288
Standard credit points per semester (full-time): 48
Course coordinator: Dr Trevor Forster

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.

Special Course Requirements
Students in the part-time program should be aware that they are required to attend much of their program during the day. Students are required to undertake a four-week work experience program in a practising pathology laboratory. This takes place at the end of the second year full-time and in a suitable vacation period during the part-time program. This is a requirement for the unit LSB480 Professional Practice.

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
- PCB242 Chemistry 2
- LSB365 Pathology

Year 2, Semester 2
- LSB425 Quantitative Medical Science
- LSB435 Diagnostic Microbiology 1
- LSB438 Immunology 1
- LSB465 Histopathology 1

Bachelor of Applied Science Innovation (SC51)

Location: Gardens Point
Course duration (full-time): 3 years
Course duration (part-time): not available in part-time mode
Total credit points: 288
Standard credit points per semester (full-time): 48
Course coordinator: Dr Al Grenfell

Professional Recognition
Graduates can expect to be admitted to the professional association related to the major they choose. Relevant associations include the Australian Biotechnology Association, the Australian Society for Biochemistry and Molecular Biology, the Royal Australian Chemical Institute, and the Australian Mathematical Society.

Course Structure - Major in Bioinformatics

Year 1, Semester 1
- LSB118 Life Science
- MAB100 Mathematical Sciences 1A
- MAB101 Statistical Data Analysis 1
- PCB142 Chemistry 1

Year 1, Semester 2
- ITB410 Software Development 1
- LSB238 Cell and Molecular Biology 1

Year 2, Semester 1
- LSB480 Professional Practice
- LSB525 Clinical Biochemistry 1
- LSB535 Diagnostic Microbiology 1
- 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 Diagnostic Microbiology 1

Year 5, Semester 2
- LSB625 Clinical Biochemistry 2
- LSB635 Diagnostic Microbiology 2

Year 6, Semester 1
- LSB655 Haematology 1
- LSB665 Immunohaematology

Year 6, Semester 2
- LSB655 Haematology 2
- LSB665 Immunohaematology
Course Structure - Major in Chemical Technology

Year 1, Semester 1
- MAB100 Mathematical Sciences 1A
- PCB142 Chemistry 1
- PCB150 Physics 1H
  - Core Business/IT unit

Year 1, Semester 2
- MAB101 Statistical Data Analysis 1
- PCB200 Chemical Technology 1
- PCB242 Chemistry 2
  - Core Business/IT unit

Year 2, Semester 1
- PCB305 Principles of Physical Chemistry
- PCB354 Structure and Mechanism in Organic Chemistry
  - Core Business/IT unit

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

Year 3, Semester 2
- PCB624 Chemistry in Industry and Technology
- PCB644 Frontiers in Chemistry
  - Core Business/IT unit

Course Structure - Major in Scientific Computation and Visualisation

Year 1, Semester 1
- MAB100 Mathematical Sciences 1A
- MAB101 Statistical Data Analysis 1
  - Core Business/IT unit

Year 1, Semester 2
- ITB848 Software Principles
- MAB111 Mathematical Sciences 1B
- MAB112 Mathematical Sciences 1C
- MAB220 Computational Mathematics 1

Year 2, Semester 1
- MAB380 Introduction to Supercomputing
  - Core Business/IT unit

Year 2, Semester 2
- MAB210 Statistical Modelling 1
- MAB481 Visualisation and Data Analysis
  - Mathematics unit *
  - Elective stream unit

Year 3, Semester 1
- MAB580 Scientific Computation

* Mathematics Units - General/Applied Emphasis:
- MAB311 Advanced Calculus
- MAB521 Applied Mathematics 3
- EITHER
- MAB523 Introduction to Quality Management
- OR
- MAB621 Discrete Mathematics

* Mathematics Units - Applied Statistics Emphasis:
- MAB414 Applied Statistics 2
- MAB624 Applied Statistics 3
- EITHER
- MAB523 Introduction to Quality Management
- OR
- MAB621 Discrete Mathematics

* Mathematics Units - Financial Mathematics Emphasis:
- MAB313 Mathematics of Finance
- MAB623 Financial Mathematics
- EITHER
- MAB523 Introduction to Quality Management
- OR
- MAB621 Discrete Mathematics

* Mathematics Units - Applied Mathematics Emphasis:
- MAB413 Differential Equations
- MAB521 Applied Mathematics 3
- MAB613 Partial Differential Equations

* Mathematics Units - Computational Mathematics Emphasis:
- MAB420 Computational Mathematics 2
- MAB522 Computational Mathematics 3
- MAB621 Discrete Mathematics

Bachelor of Biotechnology Innovation
(Accelerated mode) (LS50)

Award title: Bachelor of Biotechnology Innovation
CRICOS code: 037681J
Location: Gardens Point
Course duration (full-time): 3 years
Total credit points: 384
Standard credit points per semester (full-time): 48
Course coordinator: Dr Chris Collet

Professional Membership
On graduation, students are immediately eligible for graduate membership of the Australian Biotechnology Association and the Australian Society of Biochemistry and Molecular Biology.

Special Course Requirements
The accelerated mode of the course requires students to study three semesters per year.

Course Structure
Year 1, Semester 1
- BSB115 Management, People and Organisations
- LSB118 Life Science
- MAB101 Statistical Data Analysis 1
- PCB142 Chemistry 1

Year 1, Semester 2
- LSB238 Cell and Molecular Biology 1
Bachelor of Biotechnology Innovation
(Non-accelerated mode) (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 Membership
On graduation, students are immediately eligible for graduate membership of the Australian Biotechnology Association and the Australian Society of Biochemistry and Molecular Biology.

Course structure

Year 1, Semester 1
BSB119 International and Electronic Business
LSB118 Life Science
MAB141 Mathematics and Statistics for Medical Science
PCB142 Chemistry 1

Year 1, Semester 2
BSB115 Management, People and Organisations
LSB238 Cell and Molecular Biology 1
LSB258 Human Anatomy and Physiology
PCB242 Chemistry 2

Year 2, Semester 1
BSB110 Accounting
LSB325 Biochemistry
LSB328 Microbiology 1
LSB338 Cell and Molecular Biology 2

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 1
LSB537 Genetic Engineering
LSB577 Plant Biotechnology 1

Year 3, Semester 2
AMB251 Innovation and Market Development
LSB509 Medical Biotechnology 1
LSB537 Genetic Engineering
LSB577 Plant Biotechnology 1

Year 3, Summer Program
LSB709 Biotechnology Research Project
LSB709/2 Biotechnology Research Project
LSB709/3 Biotechnology Research Project
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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, TDiscount Strathclyde, TCert Jordanhill, BEdSt Qld, MAcc Charles Sturt

Director of Studies, University Entry Programs: Ms A. Poineer, BSc, DipEd, BEd, DipPsych Qld

Administration Coordinator, University Entry Programs: Mrs B. Hosegood, BA (ACS) Griff, ATEM

Director of Studies, English Language Programs: Mr Ian McGregor, MEd(TESOL), PostGradDipSocSci, GradDipEd, BA

Administration Officer, English Language Programs: Ms M. McGrath, AssDip(Bus) RMIT

COURSES

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
Course coordinator: Elizabeth McDade

Entry Requirements - Academic
Successful completion of senior high school with the required grades.

Entry Requirements - English Language
Queensland Senior English (4) LA or IELTS 5.5 with no sub-test less than 5.0 or TOEFL 525 (paper) or TOEFL 197 (CBT) or equivalent (N.B. Students should also check visa requirements). Students who have an IELTS score of 5.5 are required to undertake a parallel English program of 2 hours per week. This support unit carries no credit points.

Description
The University Diploma in Business, which has intake in February, June and October, is equivalent to the first year of the Bachelor of Business. In this program, students study six first year faculty core units as well as two units of Communication which have been designed to support their other core units. Students who successfully complete these units earn full academic credit for eight units towards their degree. Graduates articulate to the second year of the Bachelor of Business. Small lectures and tutorials, additional workshops and the support of Language and Welfare Advisers provide an excellent learning environment.

Course structure

Semester One
BSD110 Accounting
BSD114 Government, Business and Society
BSD126 Marketing
QCD110 Communication for Business 1
QCD105 Computing and Study Skills

Semester Two
BSD112 Introduction to Electronic Commerce
BSD113 Economics
BSD115 Management, People and Organisations
QCD210 Communication for Business 2

English for Academic Purposes (QC10)
CRICOS code: 011424G
Location: Kelvin Grove
Course duration (full-time): 12 weeks
Total credit points: 48
Course coordinator: Judith Douse

Entry requirements - Academic
A conditional acceptance of offer to another QUT program (Undergraduate/Postgraduate/Diploma/Foundation) is normally required.

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.

Description
The aim of the EAP course is to assist international students to upgrade their English proficiency level to meet university entry requirements. 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. 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
The EAP course consists of the following integrated modules:
• Seminars and Presentations
• Academic Reading and Note-taking
• Academic Writing
• Listening and Note-taking from Lectures
• Speaking in Academic Settings
• Academic Study Skills
• Computer Word-processing and Internet
• Library Research

General English (QC20)
CRICOS code: 011426E
Location: Kelvin Grove
Course duration (full-time): 4 weeks
Total credit points: 16
Course coordinator: Ian McGregor

Entry Requirements - English Language
Students should check visa requirements in relation to English entry levels.

Description
This course offers English language and study skills for students preparing for entry to EAP, Foundation, Certificate and Diploma programs and QUT undergraduate and postgraduate award programs.
There are also non-academic English language courses at all levels from beginners to advanced. These courses include excursions and activities. All English language courses include 25 hours per week and students may enter every four weeks.

**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  
**Course coordinator:** Elizabeth McDade

**Entry Requirements - Academic**
Successful completion of senior high school with the required grades.

**Entry Requirements - English language**
Queensland Senior English (4) LA or IELTS 5.5 with no sub-test less than 5.0 or TOEFL 525 (paper) or TOEFL 197 (CBT) or equivalent (N.B. Students should also check visa requirements). Students who have an IELTS score of 5.5 are required to undertake a parallel English program of 2 hours per week. This support unit carries no credit points.

**Description**
The University Diploma in Professional Communication, which has intakes in February, June and October, is equivalent to the first year of the Bachelor of Mass Communication. In this program, students study six first year faculty core units as well as two units of Communication which have been designed to support their other core units. Students who successfully complete these units earn full academic credit for eight units towards their degree. Graduates articulate to the second year of the Bachelor of Mass Communication. Small lectures and tutorials, additional workshops and the support of Language and Welfare Advisers provide an excellent learning environment.

**Course structure**

**Semester One**  
QCD110 Communication for Business 1  
QCD105 Computing and Study Skills  
BSD110 Accounting  
BSD112 Introduction to Electronic Commerce  
BSD113 Economics  
BSD114 Government, Business and Society  
BSD115 Management, People and Organisations  
BSD126 Marketing

**Semester Two**  
KKD618 Writing for Creative Industries  
MJD120 Newswriting  
QCD210 Communication for Business 2  
+ one Business elective (see semester one list)

**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  
**Course coordinator:** Elizabeth McDade

**Entry requirements - Academic**
Successful completion of senior high school with the required grades.

**Entry Requirements - English language**
Queensland Senior English (4) LA or IELTS 5.5 with no sub-test less than 5.0 or TOEFL 525 (paper) or TOEFL 197 (CBT) or equivalent (N.B. Students should also check visa requirements). Students who have an IELTS score of 5.5 are required to undertake a parallel English program of 2 hours per week. This support unit carries no credit points.

**Description**
The University Diploma in Information Technology, which has intakes in February, June and October, is equivalent to the first year of the Bachelor of Information Technology. In this program, students study six first year faculty core units as well as two units of Communication which have been designed to support their other core units. Students who successfully complete these units earn full academic credit for eight units towards their degree. Graduates articulate to the second year of the Bachelor of Technology. Small lectures and tutorials, additional workshops and the support of Language and Welfare Advisers provide an excellent learning environment.

**Course structure**

**Semester One**  
ITD225 Introduction to Databases  
ITD410 Software Development 1  
ITD412 Technology of Information Systems  
QCD120 Communication for Information Technology 1  
QCD105 Computing and Study Skills

**Semester Two**  
ITD510 Data Communications  
ITD411 Software Development 2  
ITD417 Programming Laboratory  
QCD220 Communication for Information Technology 2

**Foundation Program (1 Semester) (QC01)**

**CRICOS code:** 003287M  
**Location:** Kelvin Grove  
**Course duration (full-time):** 1 semester  
**Total credit points:** 60  
**Course coordinator:** Ann Poiner

**Entry Requirements-Academic**
Successful completion of senior high school with the required grades. Students who have attempted further schooling studies, e.g. GCE A-levels or equivalent may be considered for entry. Applications will be reviewed individually and will need to meet subject prerequisites.

**Entry Requirements - English Language**
IELTS 6.0 with no sub-test less than 5.0 or TOEFL 550 (paper) or TOEFL 213 (CBT) or equivalent (N.B. Students should also check visa requirements)

**Description**
The Foundation Program, which has intakes in February, June and October, provides pathways to QUT award programs (Diploma or Degree). Graduates enjoy a high placement rate in undergraduate courses at QUT and other Australian universities. Successful completion guarantees a place in the first year of the relevant program amongst all eight of QUT’s faculties. Small classes and dedicated staff provide an excellent learning environment while additional support is provided by Language and Welfare Advisers. Some students may need intensive English language preparation at the College’s English Language Programs prior to entering a Foundation Program.

**Course structure**

**Semester One**  
QCF212 Communication 2  
QCF211 Tertiary Preparation Studies 2  
+ THREE ELECTIVES from the following list, at least 2 must be Level 2 units (denoted by QCF2xx)

**Semester Two**  
QCF220 Accounting 2  
QCF211 Tertiary Preparation Studies 2
QCF250 Mathematics B  
QCF251 Mathematics C  
QCF253 Physical Sciences 2  
QCF210 Applied Psychology  
QCF230 Information Processing  
QCF2120 Accounting 1  
QCF2121 Economics 1  
QCF150 Mathematics  
QCF153 Physical Sciences 1  
QCF122 Organisations and Management  
QCF252 Life Science  
QCF240 Legal Studies  

Approved Faculty unit, Creative Industries students only.  
Approved Diploma unit, Business, IT & Professional Communication students only.  
QCF252 & 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  
Course coordinator: Ann Poiner

Entry Requirements-Academic  
Successful completion of senior high school with the required grades.

Entry Requirements - English Language  
IELTS 5.5 with no sub-test less than 5.0 or TOEFL 525 (paper) or TOEFL 197 (CBT) or equivalent (N.B. Students should also check visa requirements)

Description  
The Foundation Program, which has intakes in February, June and October, provides pathways to QUT award programs (Diploma or Degree). Graduates enjoy a high placement rate in undergraduate courses at QUT and other Australian universities. Successful completion guarantees a place in the first year of the relevant program amongst all eight of QUT’s faculties. Small classes and dedicated staff provide an excellent learning environment while additional support is provided by Language and Welfare Advisers. Some students may need intensive English language preparation at the College’s English Language Programs prior to entering a Foundation Program.

Course Structure
Semester One  
QCF112 Communication 1  
QCF111 Tertiary Preparation Studies 1  
+ THREE ELECTIVES from the following list  
QCF2120 Accounting 1  
QCF2121 Economics 1  
QCF150 Mathematics  
QCF153 Physical Sciences 1  
QCF122 Organisations and Management  
QCF252 Life Science  
QCF240 Legal Studies  
QCF252 & QCF240 are only offered in ALTERNATE semesters

Semester Two  
QCF212 Communication 2  
QCF211 Tertiary Preparation Studies 2  
+THREE ELECTIVES, of which at least 2 must be level two units (denoted QCF2xx)  
QCF220 Accounting 2  
QCF221 Economics 2  
QCF250 Mathematics B  
QCF251 Mathematics C  
QCF253 Physical Sciences 2  
QCF210 Applied Psychology  
QCF230 Information Processing  
QCF2120 Accounting 1  
QCF2121 Economics 1  
QCF150 Mathematics

Bridging Program (QC03)
CRICOS code: 003518A  
Location: Kelvin Grove  
Course duration (full-time): 1 semester  
Total credit points: 48  
Course coordinator: Ann Poiner

Entry Requirements - Academic  
Students must have met the academic entry requirements of their proposed postgraduate or undergraduate course.

Entry Requirements- English Language  
IELTS 6.0 (no sub-test less than 5.0) or equivalent (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 award course. Most students may undertake one degree unit 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 requirements or who may wish to improve the standard of their academic English. These students may take one or two degree units 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.

Course Structure
Stream A (for those with IELTS 6.0)  
QCS211 Academic Communication  
QCS212 Tertiary Study Skills  
QCS230 Computing  

Stream B (for those with IELTS 6.5)  
QCS211 Academic Communication  
QCS212 Tertiary Study Skills  
QCS230 Computing  
QCS230 Computing
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Doctor of Philosophy (IF49)

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 achievement 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 conferment 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 at 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 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 candidate 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);
7.2.4 In considering the application for Transfer of Candidature, appropriate arrangements as set out in these Regulations shall be made.

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: ninety-six 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 and the candidate may apply for transfer to an appropriate master degree.

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 then approve continuation of candidature if the progress is deemed satisfactory.

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
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 the 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 suitability for continuation in the PhD program;

- 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 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 description of the project aims, a critical review of relevant theory, 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:
\[ \text{any of the examiners is unable to re-examine the thesis in which case the Head of School or nominee with the agreement of the Principal Supervisor and the faculty shall nominate a replacement examiner(s) who must be approved by the Research Degrees Committee; or the Research Degrees Committee replaces one or more of the examiners on advice from the RDC Chair and with suitable justification.} \]
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:
\[ \text{(a) the candidate should be awarded the degree with or without minor nominated revisions; or} \]
\[ \text{(b) the candidate should be awarded the degree at masters level with or without minor nominated revisions; or} \]
\[ \text{(c) the thesis should be rejected and the degree should not be awarded.} \]
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, i.e. 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.

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**Master of Business Administration/Master of Information Technology (IF14)**

**Award title:** Master of Business Administration/Master of Information Technology

**CRICOS code:** 037551G

**Location:** Gardens Point

**Course structure**

- **Course coordinator:** Dr Jeremy Williams for BGSB, Faculty of Business; Mr Robert Smyth, Faculty of Information Technology.

**Entry requirements**

A minimum of an undergraduate degree from a recognised tertiary institution, two years’ managerial experience and a GMAT test score of 550 or higher (or equivalent). Individual entry requirements will vary depending on the amount of managerial and related work experience, level of tertiary qualifications and/or GMAT score.

For entry into IF14 applicants must have:

- a) A bachelor’s degree in a discipline other than Information Technology with grade point average of at least 4.5 (7 point scale); and
- b) Have successfully completed, at undergraduate level, an introductory programming unit in a block structured language, for example: c, Java, Modula 2 or Pascal; or
- c) Provide other evidence of such qualifications and level of performance, as will satisfy the Dean of the Faculty of Information Technology that the applicant possesses the capacity to pursue the course of study.

To be considered for the MBA program an applicant must be proficient in the English language, demonstrated by:

- English as their first language or language of instruction at university-level, or
- IELTS score between 6.0 and 6.49 and the successful completion of two Business English units through QUT International College.

**Course Design**

This double degree combines the core course structure of the Master of Business Administration (MBA) (GS20) with the standard course structure of the Master of Information Technology for non-IT graduates (IT45). 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**

**Semester 1, First Half**

- **GSN401** Managing in the Global Business Environment
- **GSN407** Business Communication
- **GSN408** Marketing Management 1
- **GSN410** Entrepreneurship

**Semester 1, Second Half**

- **GSN402** Strategic Use of Information Technology
- **GSN403** Understanding Data
- **GSN404** Financial Statements Analysis 1
- **GSN409** Organisational Behaviour 1

**Semester 2, First Half**

- **GSN405** Strategic Management
- **GSN411** Economics of Strategy 1
- **GSN413** Financial Management 1
- **GSN415** Leadership 1

**Semester 2, Second Half**

- **GSN406** Human Resource Management Issues
- **GSN412** Business Law 1
- **GSN414** Business Conditions Analysis 1
- **GSN416** Business Plans 1

**Semester 3, First Half**

- **ITN105** Study of Information Technology
- **ITN212** Information Modelling for Databases
- IT Elective: IT Management Unit (Semester long unit) - Selected from list A
- IT Elective: IT Management Unit (Semester long unit) - Selected from list A
- IT Elective: IT Management Unit (Semester long unit) - Selected from list A

**Semester 4, First Half**

- **ITN410** Software Principles
- **ITN510** Data Communications
- IT Elective Unit (semester long unit) - refer MInfoTech course structure
- IT Elective Unit (semester long unit) - refer MInfoTech course structure

**Semester 5, First Half**

- 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 are normally required to undertake IBN441/IBN442 Business in Australia 1/2 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 programme 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 can gain credit for IBN441/IBN442 as an IT Management elective unit.

**List A: IT Management Units**

- **ITN212** Information Modelling for Databases
- **ITN220** Major Issues in Information Technology
- **ITN242** Data Warehousing for Decision Support
- **ITN251** Issues in Information Technology Management
- **ITN252** Process Engineering
- **ITN255** Knowledge Management
- **ITN266** Principles of Information Management
- **ITN330** Information Issues
Master of Business Administration/Master of Information Technology (IT Graduates) (IF17)

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
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 Jeremy Williams for BGSB, Faculty of Business; Mr Robert Smyth, Faculty of Information Technology.

Entry Requirements
A minimum of an undergraduate degree from a recognised tertiary institution, two years’ managerial experience and a GMAT test score of 550 or higher (or equivalent). Individual entry requirements will vary depending on the amount of managerial and related work experience, level of tertiary qualifications and/or GMAT score.

For entry into IF17 applicants must have:

a) A bachelor degree in Information Technology with grade point average of at least 4.5 (7 point scale); or
b) Provide other evidence of such qualifications and level of performance, as will satisfy the Dean of the Faculty of Information Technology that the applicant possesses the capacity to pursue the course of study.

To be considered for the MBA program an applicant must be proficient in the English language, demonstrated by:
- English as their first language or language of instruction at undergraduate level, or
- IELTS score of greater than or equal to 6.5, or
- IELTS score between 6.0 and 6.49 and the successful completion of two Business English units through QUT International College.

Course Design
This double degree combines the core course structure of the Master of Business Administration (MBA) (GS40) with the standard course structure of the Master of Information Technology for IT graduates (IT40). 240 credit points in total. Note that BGSB units are 6 credit points and 7 weeks in duration, 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 whole 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 - IT Graduates

Semester 1, First Half

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>GSN401</td>
<td>Managing in the Global Business Environment</td>
</tr>
<tr>
<td>GSN407</td>
<td>Business Communication</td>
</tr>
<tr>
<td>GSN408</td>
<td>Marketing Management 1</td>
</tr>
<tr>
<td>GSN410</td>
<td>Entrepreneurship</td>
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</tbody>
</table>

Semester 1, Second Half

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>GSN402</td>
<td>Strategic Use of Information Technology</td>
</tr>
<tr>
<td>GSN403</td>
<td>Understanding Data</td>
</tr>
<tr>
<td>GSN404</td>
<td>Financial Statements Analysis 1</td>
</tr>
<tr>
<td>GSN409</td>
<td>Organisational Behaviour 1</td>
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</tbody>
</table>

Semester 2, First Half

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>GSN405</td>
<td>Strategic Management</td>
</tr>
<tr>
<td>GSN411</td>
<td>Economics of Strategy 1</td>
</tr>
<tr>
<td>GSN413</td>
<td>Financial Management 1</td>
</tr>
<tr>
<td>GSN415</td>
<td>Leadership 1</td>
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Semester 2, Second Half

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>GSN406</td>
<td>Human Resource Management Issues</td>
</tr>
<tr>
<td>GSN412</td>
<td>Business Law 1</td>
</tr>
<tr>
<td>GSN414</td>
<td>Business Conditions Analysis 1</td>
</tr>
<tr>
<td>GSN416</td>
<td>Business Plans 1</td>
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Semester 3, First Half

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>GSN407</td>
<td>IT Elective: IT Management Unit (semester long unit) - Refer MInfoTech course structure</td>
</tr>
<tr>
<td>GSN408</td>
<td>IT Elective: IT Management Unit (semester long unit) - Refer MInfoTech course structure</td>
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<td>GSN409</td>
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<tr>
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Semester 4, First Half

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<th>Course Code</th>
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<tbody>
<tr>
<td>GSN403</td>
<td>IT Elective: IT Management Unit (semester long unit) - Refer MInfoTech course structure</td>
</tr>
<tr>
<td>GSN404</td>
<td>IT Elective: IT Management Unit (semester long unit) - Refer MInfoTech course structure</td>
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Semester 5, First Half

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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>GSN407</td>
<td>IT Elective: IT Management Unit (semester long unit) - Refer MInfoTech course structure</td>
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<tr>
<td>GSN408</td>
<td>IT Elective: IT Management Unit (semester long unit) - Refer MInfoTech course structure</td>
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<tr>
<td>GSN409</td>
<td>IT Elective: IT Management Unit (semester long unit) - Refer MInfoTech course structure</td>
</tr>
<tr>
<td>GSN410</td>
<td>IT Elective: IT Management Unit (semester long unit) - Refer MInfoTech course structure</td>
</tr>
</tbody>
</table>

List A: IT Management Units
Four of the following IT Management electives:
- ITN215 Management Support Systems
- ITN220 Major Issues in Information Technology
- ITN251 Issues in Information Technology Management
- ITN252 Process Engineering
- ITN255 Knowledge Management
- ITN330 Information Issues
- ITN341 Information Policy and Planning
- ITN343 Principles of Information Management
- ITN355 Information Resources for Business and Industry

Master of Creative Industries (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): 24
Course coordinator: Dr Terry Flew

Entry Requirements
A bachelor degree with a GPA of 5.0 or higher; relevant TAFE/VET diploma; professional experience in the creative industries approved by the Course Coordinator.

Course Structure

Semester 1

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>KCP018</td>
<td>Creative Industries</td>
</tr>
<tr>
<td>GSN408</td>
<td>Marketing Management 1</td>
</tr>
<tr>
<td>GSN401</td>
<td>Managing in the Global Business Environment</td>
</tr>
<tr>
<td>GSN226</td>
<td>Arts Policy and Strategy</td>
</tr>
<tr>
<td>MIN409</td>
<td>Fundraising Principles</td>
</tr>
<tr>
<td>OR Elective</td>
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</tbody>
</table>
UNIVERSITY-WIDE AND INTERFACULTY COURSES

Semester 2
GSN228 Marketing Arts and Culture
GSN227 Arts and Cultural Management
GSN225 Business Development in Creative Industries
KCP336 New Media Technologies
OR Elective

Semester 3
KCP333 Creative Industries Research Seminar
Choose 36 credit points from the following:
KCP354 Creative Industries in Asia
KCP355 Creative Industries Project
KCP356 Creative Industries Placement 1
KCP357 Creative Industries Placement 2

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
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: Creative Industries: Dr Terry Flew; Business: Dr Jennifer Radbourne.

Course Structure – Full-time
Year 1, Semester 1
GSN401 Managing in the Global Business Environment
GSN408 Marketing Management 1
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 Media Theory and Policy
KCB349 Media Audiences
Year 1, Semester 2
GSN225 Business Development in Creative Industries
KCP336 New Media Technologies
OR Creative Industries Elective
Year 2, Semester 1
GSN410 Entrepreneurship
GSN420 New Venture Strategy
GSN449 Public Sector and Social Marketing 1
GSN450 Public Sector and Social Marketing 2
KCP110 Media Theory and Policy
KCB349 Media Audiences
Year 2, Semester 2
Choose two units from the following:
GSN227 Arts and Cultural Management
KCB348 Applied Media Studies
LWN099 Intellectual Property Law
LWN120 Select Issues in Media Law and Policy

Graduate Diploma in Creative Industries
(IF02)
Award title: Graduate Diploma in Creative Industries
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: Dr Terry Flew

Entry Requirements
A bachelor degree with a GPA of 5.0 or higher; relevant TAFE/VET diploma; professional experience in the creative industries approved by the Course Coordinator.

Course Structure – Full-time
Year 1, Semester 1
GSN401 Managing in the Global Business Environment
GSN408 Marketing Management 1
KCP018 Creative Industries
AMN481 Fundraising Principles
OR Arts and Cultural Management Elective
Year 1, Semester 2
GSN225 Business Development in Creative Industries
KCP336 New Media Technologies
OR Creative Industries Elective
Year 2, Semester 1
GSN227 Arts and Cultural Management
KCP336 New Media Technologies
OR Creative Industries Elective
Year 2, Semester 2
GSN228 Marketing Arts and Culture

Graduate Certificate in Creative Industries
(IF01)
Award title: Graduate Certificate in Creative Industries
Location: Gardens Point
Course duration (part-time): 2 semesters
Total credit points: 48
Standard credit points per semester (part-time): 24
Course coordinator: Dr Terry Flew

Course Structure
Semester 1
KCP018 Creative Industries
GSN408 Marketing Management 1
GSN401 Managing in the Global Business Environment
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 and External
Course duration (part-time): 2 semesters
Total credit points: 48
Standard credit points per semester (part-time): 24
Course coordinator: Assoc Prof Sandra Capra

Part-time Course Structure
Year 1, Semester 1 (July - November)
PUN001 Contemporary Risk Management
PUN008 Risk Management: Identification and Assessment Procedures
Year 1, Semester 2 (February - June)
PUN009 Risk Treatment
EFN418 Introduction to Financial Risk Management

Bachelor of Applied Science (Environmental Science®)/Bachelor of Health Science (Environmental Health) (IF87)
Award title: Bachelor of Applied Science (Environmental Science®)/Bachelor of Health Science (Environmental Health)
CRICOS code: 003505F
Location: Gardens Point and Kelvin Grove
Course duration (full-time): 4 years
Total credit points: 384 (Note: The minimum course load per semester required for full-time enrolment may be more than 36 credit points)
Standard credit points per semester (full-time): 48
Course coordinator: Dr Neville Bofinger
Discipline coordinator: Tim Strickland

Professional Recognition
Graduates will be eligible to join the Australian Institute of Environmental Health (AIEH). For graduates with approved study relevant professional bodies include: Australasian Association of Clinical Biochemists, Australasian Institute of Mining and Metallurgy, Australian Biotechnology Association, Australian Institute of Geoscientists, Australian Institute of Physics, Australian Mathematical Society, Australian Society of Biochemistry and Molecular Biology, Australian Institute for Medical Research, Australian Society for Microbiology, Australian Society of Operations Research, Ecological Society of Australia, Geological Society of Australia, Royal Australian Chemical Institute, and the Statistical Society of Australia.

Full-Time Course Structure
Year 1, Semester 1
NRB100 Environmental Science
LSB118 Life Science
EITHER
MAB101 Statistical Data Analysis 1
OR
MAB105 Preparatory Mathematics
EITHER
PCB101 Physical Science
OR
PCB150 Physics 1H
Students with a Sound Achievement in Chemistry at secondary level (or equivalent) are recommended to enrol in PCB150. Students with Chemistry background will take PCB101.

Year 1, Semester 2
PCB142 Chemistry 1
NRB232 Environmental Geology
LSB258 Human Anatomy and Physiology
EITHER
PCB263 Physics 2E

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: Ms Sue Taylor (Accountancy); Mr John Polichronis (Banking and Finance); Mr Eugene McCann (Economics); Dr Marilyn Healy (Marketing)

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 CPA Australia, the Institute of Chartered Accountants in Australia, Australasian Institute of Banking and Finance, Economic Society of Australia (Queensland Division), Australian Marketing Institute, Market Research Society of Australia, Australian Institute of Management, American Marketing Association and Australasian Institute of Export.

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,

**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 & Communication
- HMB271 Foundations of Motor Control, Learning and Development
- HMB273 Bioenergetics and Muscle Physiology in Exercise
- HMB274 Functional Anatomy
- PYB012 Psychology

**Year 2, Semester 2**
- BSB115 Management, People and Organisations
- BSB119 International & Electronic Business
- HMB275 Exercise and Sport Psychology
- HMB276 Research in Human Movement
- HMB382 Principles of Exercise Prescription

**Year 3, Semester 1**
- AYB220 Company Accounting
- EFB101 Data Analysis for Business
- HMB313 Socio-Cultural Foundations of Physical Activity
- HMB379 Disorders of Human Movement

**Year 3, Semester 2**
- HMB271 Foundations of Motor Control, Learning and Development
- HMB273 Bioenergetics and Muscle Physiology in Exercise
- HMB274 Functional Anatomy
- PYB012 Psychology
- EFB202 Business Cycles and Economic Growth

**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
- BSB126 Marketing

**Year 2, Semester 1**
- HMB271 Foundations of Motor Control, Learning and Development
- HMB273 Bioenergetics and Muscle Physiology in Exercise
- HMB274 Functional Anatomy
- PYB012 Psychology
- EFB210 Finance 1

**Year 2, Semester 2**
- HMB275 Exercise and Sport Psychology
- HMB276 Research in Human Movement
- HMB382 Principles of Exercise Prescription
- EFB102 Economics 2
- EFB307 Finance 2

**Year 3, Semester 1**
- HMB313 Socio-Cultural Foundations of Physical Activity
- HMB379 Disorders of Human Movement
- EFB101 Data Analysis for Business
- EFB201 Financial Markets
- Business Minor Unit

**Year 3, Semester 2**
- HMB Major Unit
- HMB Elective/Minor Unit
- BSB119 International & Electronic Business
- 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 & Communication
- EFB102 Economics 2

**Year 2, Semester 1**
- HMB271 Foundations of Motor Control, Learning and Development
- HMB273 Bioenergetics and Muscle Physiology in Exercise
- HMB274 Functional Anatomy
- PYB012 Psychology
- EFB202 Business Cycles and Economic Growth

**Year 2, Semester 2**
- HMB275 Exercise and Sport Psychology
- HMB276 Research in Human Movement
- HMB382 Principles of Exercise Prescription
- EFB101 Data Analysis for Business
- Business Minor Unit

**Year 3, Semester 1**
- HMB313 Socio-Cultural Foundations of Physical Activity
- HMB379 Disorders of Human Movement
- BSB119 International & Electronic Business
- EFB211 Firms, Markets and Resources

**Year 3, Semester 2**
- HMB Major Unit
- HMB Elective/Minor Unit
- BSB114 Government, Business and Society
- EFB323 Financial and Monetary Economics

**Course Structure - Marketing**

**Year 1, Semester 1**
- BSB122 Business Information Analysis & 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 Market and Audience Research
- HMB271 Foundations of Motor Control, Learning and Development
- HMB273 Bioenergetics and Muscle Physiology in Exercise
- HMB274 Functional Anatomy
UNIVERSITY-WIDE AND INTERFACULTY COURSES

PYB012 Psychology

Year 2, Semester 2

AMB241 E-Marketing Strategies
BSB119 International & 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
BSB111 Business Law and Ethics
BSB114 Government, Business and Society

Human Movement Studies elective/minor unit

Year 4, Semester 1

AMB340 Services Marketing

Business 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 Cardiovascular and Pulmonary Physiology in Exercise
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 1

Accounting (Students with an Accountancy Major)

AYB223 Law of Business Associations
AYB325 Taxation Law
AYB331 Financial Accounting Theory
AYB332 Management Accounting Theory

Advertising (Students without an Advertising Major)

AMB200 Consumer Behaviour
AMB220 Advertising Theory and Practice
AMB221 Advertising Copywriting
AMB222 Media Planning

Banking (Students with a Banking & Finance Major)

AYB312 Financial Institutions Law
EFB310 Financial Institutions - Control
EFB311 Financial Institutions - Lending
Contact School of Economics & Finance for final unit

Banking & Finance (Students Without a Banking & Finance Major)

Students must complete four of the following:
EFB101 Data Analysis for Business
EFB102 Economics 2
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
BSB313 Business Strategy and Technology
ITB2105 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
EFB201 Financial Markets
EFB210 Finance 1
EFB324 Macroeconomics of Global Financial Markets
EFB325 Financial Microeconomics
EFB326 Applied Portfolio Management
EFB327 Econometrics of Financial Markets
EFB328 Public Economics and Finance

Financial Economics (Students with an Economics Major)

Students must complete four of the following:
EFB318 Portfolio and Security Analysis
EFB326 Applied Portfolio Management

Financial Markets (Students with a Banking and Finance Major)

EFB308 Finance 3
EFB309 Financial Derivatives

Funds Management (Students with a Banking and Finance Major)

EFB308 Finance 3
EFB309 Financial Derivatives
EFB318 Portfolio and Security Analysis

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:

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
MGB313 Organisational Consulting and Change
MGB315 Personal and Professional Development
MGB320 Recruitment and Selection
MGB321 Advanced Practice in Recruitment and Selection
MGB331 Training and Development
MGB335 Advanced Practice in Training and Development

Integrated Marketing Communication (Student without an Advertising or Public Relations Major)

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
**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**
- BSB112 Business Information Analysis & 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 Bioenergetics and Muscle Physiology in Exercise
- HMB274 Functional Anatomy
- PYB012 Psychology

**Year 2, Semester 2**
- AMB221 Advertising Copywriting
- BSB119 International & 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 & 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 Bioenergetics and Muscle Physiology in Exercise
- HMB274 Functional Anatomy
- PYB012 Psychology
- BSB119 International & Electronic Business

**Year 2, Semester 2**
- HMB275 Exercise and Sport Psychology
- HMB276 Research in Human Movement
- HMB382 Principles of Exercise Prescription
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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 - Management Major

Year 1, Semester 1
HMB171 Fitness Health and Wellness
LSB131 Anatomy

Year 1, Semester 2
HMB172 Nutrition and Physical Activity
HMB272 Bioenergetics and Muscle Physiology in Exercise
HMB274 Functional Anatomy
PYB012 Psychology
BSB110 Accounting
BSB114 Government, Business and Society
MGB210 Production and Service Management

Year 2, Semester 1
HMB271 Foundations of Motor Control, Learning and Development
HMB273 Bioenergetics and Muscle Physiology in Exercise
HMB274 Functional Anatomy
PYB012 Psychology
BSB113 Economics

Year 2, Semester 2
BSB111 Business Law and Ethics
MGB309 Strategic Management

Year 3, Semester 1
HMB313 Socio-Cultural Foundations of Physical Activity
HMB379 Disorders of Human Movement
BSB110 Accounting

Year 3, Semester 2
HMB379 Disorders of Human Movement
HMB313 Socio-Cultural Foundations of Physical Activity
BSB115 Management, People and Organisations

Year 4, Semester 1
HMB379 Disorders of Human Movement
HMB313 Socio-Cultural Foundations of Physical Activity
MGB334 Managing in a Changing Environment

Year 4, Semester 2
BSB111 Business Law and Ethics
MGB309 Strategic Management

Course Structure - Public Relations

Year 1, Semester 1
BSB122 Business Information Analysis & Communication
BSB126 Marketing
HMB171 Fitness Health and Wellness
LSB131 Anatomy

Year 1, Semester 2
AMB260 Public Relations Theory and Practice
BSB119 International & Electronic Business
HMB172 Nutrition and Physical Activity
HMB272 Bioenergetics
LSB231 Physiology

Year 2, Semester 1
AMB261 Media Relations and Publicity
HMB271 Foundations of Motor Control, Learning and Development
HMB273 Bioenergetics and Muscle Physiology in Exercise
HMB274 Functional Anatomy
PYB012 Psychology

Year 2, Semester 2
AMB262 Public Relations Writing
BSB115 Management, People and Organisations
AMB275 Exercise and Sport Psychology
AMB276 Research in Human Movement
HMB382 Principles of Exercise Prescription

Year 3, Semester 1
AMB201 Market and Audience Research
BSB113 Economics
HMB313 Socio-Cultural Foundations of Physical Activity
HMB379 Disorders of Human Movement

Year 3, Semester 2
AMB201 Market and Audience Research
BSB110 Accounting
Human Movement Studies Major Unit
Human Movement Studies Elective/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

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<th>MGB360 Corporate Communication Management</th>
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<td>Human Movement Studies Elective/Minor Unit</td>
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<td>Business Minor Unit</td>
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<td>Year 4, Semester 2</td>
<td>AMB361 Public Relations Campaigns</td>
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<td>BSB111 Business Law and Ethics</td>
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<td>BSB114 Government, Business and Society</td>
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<td>Business Minor Unit</td>
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<td>Course Structure - Business Minors</td>
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<td>Accounting (Students without an Accountancy Major)</td>
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<td>AYB121 Financial Accounting</td>
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<td>AYB221 Computerised Accounting Systems</td>
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<td>AYB225 Management Accounting 1</td>
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<td>Advertising (Students with an Advertising Major)</td>
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<td>AMB230 Internet Promotion</td>
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<td>AMB231 Marketing Communications Regulations and Ethics</td>
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<td>AMB330 Advertising Strategy and Planning</td>
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<td>AMB331 Direct Marketing</td>
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<td>Advertising (Students without an Advertising Major)</td>
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<td>AMB220 Advertising Theory and Practice</td>
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<td>AMB221 Advertising Copywriting</td>
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<td>AMB222 Media Planning</td>
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<td>Banking &amp; Finance (Students without a Banking &amp; Finance Major)</td>
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<td>EFB101 Data Analysis for Business</td>
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<td>EFB102 Economics 2</td>
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<td>EFB210 Finance 1</td>
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<td>EFB307 Finance 2</td>
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<td>EFB201 Financial Markets</td>
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<td>EFB312 International Finance and Economics</td>
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<td>Economics (Students without an Economics Major)</td>
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<td>EFB101 Data Analysis for Business</td>
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<td>EFB102 Economics 2</td>
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<td>EFB202 Business Cycles and Economic Growth</td>
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<td>EFB211 Firms, Markets and Resources</td>
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<td>EFB314 International Trade and Economic Competitiveness</td>
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<td>EFB323 Financial and Monetary Economics</td>
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<td>Electronic Commerce Minor</td>
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<td>BSB212 Electronic Business Applications</td>
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<td>BSB213 Legal Issues in Electronic Business</td>
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<td>BSB313 Business Strategy and Technology</td>
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<td>ITB825 Electronic Business Information Systems</td>
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<td>MGB334 Managing in a Changing Environment</td>
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<td>Human Resource Management (Students with a Human Resource Management Major)</td>
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<td>Any four of the units from the list below apart from those that are part of the HRM Major:</td>
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<td>Human Resource Management (Students without a Human Resource Management Major)</td>
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<td>MGB207 Human Resource Issues and Strategy</td>
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<td>MGB222 Managing Organisations</td>
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<td>PLUS two units from the list below:</td>
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<td>Human Resource Management (Students with a Management Major)</td>
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<tr>
<td>MGB207 Human Resource Issues and Strategy</td>
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<td>MGB221 Performance and Reward</td>
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<td>PLUS two units from the list below:</td>
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<tr>
<td>List of Human Resource Management Units:</td>
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<tr>
<td>MGB201 The Legal Context of Employment Relations</td>
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<tr>
<td>MGB202 Equity and Diversity Management</td>
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<td>MGB209 Occupational Health and Safety Management</td>
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<td>MGB221 Performance and Reward</td>
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<td>MGB224 Australian Industrial Relations</td>
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<td>MGB304 Human Resource Information Management</td>
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<td>MGB307 International Human Resource Management</td>
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<td>MGB312 Negotiation Skills</td>
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<td>MGB315 Personal and Professional Development</td>
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<td>MGB320 Recruitment and Selection</td>
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<td>MGB321 Advanced Practice in Recruitment and Selection</td>
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<td>MGB331 Training and Development</td>
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<td>MGB325 Advanced Practice in Training and Development</td>
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<td>Integrated Marketing Communication (Students without an Advertising, or Public Relations Major)</td>
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<td>AMB202 Integrated Marketing Communication</td>
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<td>PLUS three units from:</td>
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<td>AMB220 Advertising Theory and Practice</td>
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<td>AMB260 Public Relations Theory and Practice</td>
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<td>AMB230 Internet Promotion</td>
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<td>AMB261 Media Relations and Publicity</td>
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<td>AMB354 Events Marketing</td>
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<td>Integrated Marketing Communication (Students with an Advertising Major)</td>
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<td>AMB350 Relationship and Sales Management</td>
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<td>and one unit from:</td>
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<td>AMB230 Internet Promotion</td>
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<td>AMB261 Media Relations and Publicity</td>
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<td>AMB354 Events Marketing</td>
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<td>Integrated Marketing Communication (Students with a Public Relations Major)</td>
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<td>AMB261 Media Relations and Publicity</td>
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<td>AMB354 Events Marketing</td>
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<td>International Business Analysis (Students without an International Business Major)</td>
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<tr>
<td>IBB202 Business and the World Economy</td>
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<td>IBB211 Globalisation and Business</td>
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<td>PLUS one of the following pairs of units:</td>
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<td>IBB210 Export Management</td>
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<td>IBB300 International Business Strategy</td>
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<td>OR</td>
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<td>IBB217 Asian Business Development</td>
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<td>IBB317 Contemporary Business in Asia</td>
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<td>Management (Students without a Human Resource Management Major)</td>
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<td>MGB211 Organisational Behaviour</td>
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<td>MGB220 Management Research Methods</td>
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<td>MGB222 Managing Organisations</td>
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<td>PLUS one unit from the list below:</td>
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<td>Management (Students with a Management Major)</td>
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<tr>
<td>Any four units listed below other than those that are part of the Management Major:</td>
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<tr>
<td>Management (Students with a Human Resource Management Major)</td>
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<tr>
<td>MGB210 Production and Service Management</td>
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MBG334 Managing in a Changing Environment
PLUS two units from the list below:

List of Management Units:
ITB827 Fundamentals of Enterprise Systems
MBG202 Equity and Diversity Management
MBG203 Government-Business Interface
MBG210 Production and Service Management
MBG216 Managing Technology, Innovation and Knowledge
MBG218 Venture Skills
MBG223 Creating New Enterprises
MBG309 Strategic Management
MBG312 Negotiation Skills
MBG314 Organisational Consulting and Change
MBG315 Personal and Professional Development
MBG224 Australian Industrial Relations
MBG335 Project Management

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:
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 Cardiovascular and Pulmonary Physiology in Exercise
HMB383 Workplace Health
HMB384 Injury Prevention and Rehabilitation
HMB470 Practicum 1
HMB480 Advanced Exercise Prescription
Note: individual units may not be available every semester.

Bachelor of Applied Science (in Human Movement Studies)/Bachelor of Education (Secondary) (IF73)
Award title: Bachelor of Applied Science/Bachelor of Education
CRICOS code: 020323D
Location: Gardens Point, Kelvin Grove and Carindale
Course duration (full-time): 4 years
Total credit points: 432
Course coordinator: Education Coordinator: Dr Gordon Tait, Human Movement Studies Coordinator: Dr Tom Cuddihy

Course Structure
Students are required to complete 240 credit points in approved Human Movement Studies (and other areas) and 192 credit points from the Faculty of Education.
Teaching areas for students completing this award are Physical Education (first teaching area) with Health, Mathematics, Biology or English as their second teaching area. Students must also complete CLB305 Education in Context, SPB001 Human Development and Learning, SPB002 Psychology of Learning and Teaching and CLB341 Language Technology & Education in the first five semesters.
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.

Full-time Course Structure
Generic Structure
The following is a generic structure only and not to be followed as a specific second teaching area.
Year 1, Semester 1
LSB131 Anatomy
HMB313 Socio-Cultural Foundations of Physical Activity
HMB171 Fitness Health and Wellness
SPB001 Human Development and Education
Year 1, Semester 2
LSB231 Physiology
HMB172 Nutrition and Physical Activity
HMB272 Biomechanics
CLB305 Education in Context
Year 2, Semester 1
HMB271 Foundations of Motor Control, Learning and Development
HMB273 Bioenergetics and Muscle Physiology in Exercise
HMB274 Functional Anatomy
CLB341 Language, Technology and Education
Discipline Studies Y
Year 2, Semester 2
HMB276 Research in Human Movement
HMB382 Principles of Exercise Prescription
PYB086 Interpersonal and Group Processes
HMB275 Exercise and Sport Psychology
Discipline Studies X
Year 3, Semester 1
HMB379 Disorders of Human Movement
SPB002 Psychology of Learning and Teaching
PUB329 Foundations of Health Studies and Health Behaviour
Discipline Studies X
Discipline Studies Y

Course Structure
Year 1, Semester 1
3 x 12 cp Discipline (3 x ‘X’)
1 x 12 cp Education
Year 1, Semester 2
4 x 12 cp Discipline (3 x ‘X’ + 1 x ‘Y’)
1 x 12 cp Education
Total 108 cp
Year 2, Semester 1
4 x 12 cp Discipline (3 x ‘X’ + 1 x ‘Y’)
1 x 12 cp Education
Year 2, Semester 2
5 x 12 cp Discipline (4 x ‘X’ + 1 x ‘Y’)
Total 120 cp
Year 3, Semester 1
4 x 12 cp Discipline (3 x ‘X’ + 1 x ‘Y’)
1 x 12 cp Education

Key
Discipline Refers to 240 credit points (Human Movement Studies + 48 credit points (allocated from Bachelor of Education)) which make up the required 288 credit points (3 year degree) in Human Movement Studies.
Education Refers to 192 credit points required for a Bachelor of Education.

Health Discipline Studies Y
PUB127 Health Issues in Australia
HMB376 Motor Development in Children
HMB332 Health Related Fitness
PUB329 Foundations of Health Studies and Health Behaviour
PYB086 Interpersonal and Group Processes

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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
HUB710 Australian Literature and Culture

Biology Discipline Studies Y
LSB118 Life Science
NRB270 Animal and Plant Structure and Function
LSB238 Cell and Molecular Biology 1
NRB410 Genetics

Education Component

Full-time Course Structure
CLB305, SPB001, SPB002 and CLB341 must be completed in the first five semesters of the course.

Year 3, Semester 2
EDB450 Secondary Professional Practice 1: Classroom Management
EDB451 Secondary Professional Practice 2: Curriculum Decision Making
HMB310 Physical Education Curriculum Studies 1
Curriculum Studies 1: Second Teaching Area (See List 1)

Year 4, Semester 1
CLB306 Understanding Educational Practices
EDB452 Secondary Professional Practice 3: The Inclusive Curriculum
HMB370 Physical Education Curriculum Studies 2
Curriculum Studies 2: Second Teaching Area (See List 2)

Year 4, Semester 2
EDB453 Secondary Professional Practice 4: The Beginning Teacher Education Studies Elective (See List 3)
Education Studies Elective (See List 3)
Curriculum Studies Elective (See List 4)

Alternative Year 4, Semester 2: Middle Years Pathway
EDB443 Professional Internship of Associate Teaching
SPB008 The Middle Years of Schooling
SPB022 The Middle Years Curriculum
EDB453 Secondary Professional Practice 4: The Beginning Teacher

Curriculum Studies 1 and 2
List 1
MDB325 Biology Curriculum Studies 1
CLB325 English Curriculum Studies 1
HMB390 Health Education Curriculum Studies 1
MDB333 Mathematics Curriculum Studies 1

List 2
MDB326 Biology Curriculum Studies 2
CLB326 English Curriculum Studies 2
HMB395 Health Education Curriculum Studies 2
MDB334 Mathematics Curriculum Studies 2

Education Studies Elective Units
List 3
See Bachelor of Arts/Bachelor of Education (Secondary) in this section.

Curriculum Studies Electives
List 4
See Bachelor of Arts/Bachelor of Education (Secondary) in this section.

Bachelor of Applied Science
(Mathematics)/Bachelor of Business
(Accountancy, Banking and Finance or Economics) (IF60)

Award title: Bachelor of Applied Science (Mathematics)/Bachelor of Business (Accountancy, Banking and Finance or Economics) (IF60)
CRICOS code: 027724G
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 (Science); Mr Andrew Paltridge (Business)
Discipline coordinator: Accountancy: Dr John Sweeting; Banking and Finance: Mr John Polichronis; Economics: Mr Eugene McCann

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 Design
Students are required to complete 432 credit points comprised of 204 credit points from the Bachelor of Applied Science (Mathematics) program and 228 credit points from the Bachelor of Business program. Students supplement the mathematics component of this program with the 96 credit point faculty core units from the Bachelor of Business program together with a 60 point credit point major in Accountancy, Banking & Finance or Economics, and a further 72 credit points in which the student must complete one of the following: double major, extended major or specialisation. Business double major available are: Accountancy, Advertising, Banking and Finance, Economics, Electronic Business, Human Resource Management, International Business, Management, Marketing and Public Relations.

Recommended combinations 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

Course Requirements
Students without at least Sound Achievement in Mathematics C (or equivalent) will need to take the unit MAB100 Mathematical Sciences 1A in Year 1, Semester 1. The total number of mathematics units to be taken is unchanged. This unit replaces one of the Level 2 or 3 Mathematics electives. The unit MAB111 Mathematical Sciences 1B is deferred until Year 1, Semester 2. The unit BSB122 is deferred until Year 3, Semester 1. At least 48 credit points of the mathematics electives must be from Level 3 units.

Course Structure - Accountancy Major (For students with SA in Senior Math 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 & Electronic Business
BSB122 Business Information Analysis & 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

**Year 3, Semester 1**
AYB225 Management Accounting 1
BSB115 Management, People and Organisations
Mathematics Elective (Level 2 or 3)
Mathematics Elective (Level 2 or 3)
Business Double Major/Extended Major/Specialisation

**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

**Year 4, Semester 1**
AYB301 Auditing
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)
Business Double Major/Extended Major/Specialisation

**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
BSB119 International & Electronic Business
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

**Year 3, Semester 1**
AYB225 Management Accounting 1
BSB115 Management, People and Organisations
Mathematics Elective (Level 2 or 3)
Mathematics Elective (Level 2 or 3)
Business Double Major/Extended Major/Specialisation

**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

**Year 4, Semester 1**
AYB301 Auditing
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)
Business Double Major/Extended Major/Specialisation

**Extended Major in Professional Accounting**
AYB221 Computerised Accounting Systems
AYB223 Law of Business Associations
AYB325 Taxation Law
EFB102 Economics 2

**EFB210 Finance 1**

Plus one of the following
AYB331 Auditing and Professional Practice
AYB321 Management Accounting Theory

**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 & Electronic Business
BSB122 Business Information Analysis & 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

**Year 3, Semester 1**
BSB115 Management, People and Organisations
EFB201 Financial Markets

**EFB312 International Finance and Economics**
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

**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

**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 & Electronic Business
BSB122 Business Information Analysis & 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

**Year 3, Semester 1**
BSB115 Management, People and Organisations
EFB201 Financial Markets
Students must select BSB122 Business Information Analysis & Communication to replace one of the Mathematics Electives

Extended Major in Banking
AYB225 Management Accounting 1
EFB311 Financial Institutions - Lending
EFB310 Financial Institutions - Control
AYB312 Financial Institutions Law

Plus on 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 of 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
EFB309 Financial Derivatives
EFB308 Finance 3
EFB318 Portfolio and Security Analysis

Extended Major in Funds Management
AYB225 Management Accounting 1
EFB308 Finance 3
EFB309 Financial Derivatives
EFB318 Portfolio and Security Analysis

Plus one unit 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

Course Structure - Economics Major (for students with SA in Senior Math 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 & Electronic Business
BSB122 Business Information Analysis & 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

Year 3, Semester 1
BSB115 Management, People and Organisations
MAB313 Mathematics of Finance

Year 3, Semester 2
EFB314 International Trade and Economic Competitiveness

Year 4, Semester 1
BSB111 Business Law and Ethics
MAB313 Mathematics of Finance

Year 4, Semester 2
BSB115 Management, People and Organisations
Students must select BSB122 Business Information Analysis & Communication to replace one of the Mathematics Electives

**Extended Major in Financial Economics (for Economics Major)**
EFB210 Finance 1
EFB324 Macroeconomics of 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

**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

**Bachelor of Applied Science (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:** Science: A/Prof Helen MacGillivray/IT: A/Prof Colin Boyd

**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 Structure - Students commencing Semester 1 2001 or Semester 1 2002**

*For students with four semesters of Senior Mathematics B and Senior Mathematics C (or equivalent) only, with an exit assessment of at least Sound Achievement in both*

**Year 1, Semester 1**
ITB107 Programming Laboratory
ITB411 Software Development 2
ITB510 Data Communications
MAB210 Statistical Modelling 1
MAB220 Computational Mathematics 1

**Year 2, Semester 1**
ITB412 Technology of Information Systems
ITB421 Software Development 3
ITB524 Internetworking
MAB101 Statistical Data Analysis 1
Level 2 or 3 Maths unit

**Year 2, Semester 2**
ITB527 Network Technologies
ITB529 Network Services
Level 2 or 3 Maths unit
Level 2 or 3 Maths unit

**Year 3, Semester 1**
ITB448 Object Technology
IT Specialisation Unit selected from List 1
Level 2 or 3 Maths unit
Level 2 or 3 Maths unit

**Year 3, Semester 2**
ITB424 Software Engineering Principles
IT Specialisation Unit selected from List 1
Level 2 or 3 Maths unit
Level 2 or 3 Maths unit
Elective *

**Year 4, Semester 1**
ITB432 Advanced Programming Laboratory
IT Specialisation Unit from List 1
Level 2 or 3 Maths unit
Level 2 or 3 Maths unit

**Year 4, Semester 2**
IT Specialisation unit from List 1
Level 2 or 3 Maths unit
Level 2 or 3 Maths unit

* This elective unit may be taken from any faculty in QUT, subject to the approval of the Head of School

*For students with four semesters of Senior Mathematics B (or equivalent) only, with an exit assessment of at least Sound Achievement in both*

**Year 1, Semester 1**
ITB225 Introduction to Databases
ITB410 Software Development 1
MAB100 Mathematical Sciences 1A
MAB101 Statistical Data Analysis 1

**Year 1, Semester 2**
ITB107 Programming Laboratory
ITB411 Software Development 2
ITB510 Data Communications
MAB111 Mathematical Sciences 1B
MAB112 Mathematical Sciences 1C

**Year 2, Semester 1**
ITB412 Technology of Information Systems
ITB421 Software Development 3
ITB524 Internetworking
Level 2 or 3 Maths unit
Level 2 or 3 Maths unit

**Year 2, Semester 2**
ITB527 Network Technologies
ITB529 Network Services
Level 2 or 3 Maths unit
Level 2 or 3 Maths unit

**Year 3, Semester 1**
ITB448 Object Technology
IT Specialisation unit selected from List 1
Level 2 or 3 Maths unit
Level 2 or 3 Maths unit

**Year 3, Semester 2**
ITB424 Software Engineering Principles
IT Specialisation unit selected from List 1
Level 2 or 3 Maths unit
Level 2 or 3 Maths unit
Level 2 or 3 Maths unit

**Year 4, Semester 1**
ITB432 Advanced Programming Laboratory
IT Specialisation unit from List 1
Level 2 or 3 Maths unit
Level 2 or 3 Maths unit

**Year 4, Semester 2**
IT Specialisation unit from List 1
IT Specialisation unit from List 1
Level 2 or 3 Maths unit
Level 2 or 3 Maths unit

**Course Structure - Students who commenced Semester 1 2000**

**Year 3, Semester 1**
ITB420 Computer Architecture
IT Specialisation Unit selected from List 1
Level 2 or 3 Maths Unit
Level 2 or 3 Maths Unit

**Year 3, Semester 2**
ITB424 Software Engineering Principles
ITB448 Object Technology
Level 2 or 3 Maths Unit
Level 2 or 3 Maths Unit

**Year 4, Semester 1**
ITB432 Advanced Programming Laboratory
IT Specialisation Unit selected from List 1
Level 2 or 3 Maths unit
Level 2 or 3 Maths unit

**Year 4, Semester 2**
IT Specialisation Unit selected from List 1
IT Specialisation Unit selected from List 1
Level 2 or 3 Maths unit
Level 2 or 3 Maths unit

**Course Structure - Students who commenced Semester 1 1999 or previous years**

Students who need to complete units from year 1 to 3 should contact the Associate Course Coordinator for enrolment advice

**Information Technology Majors**

Information Technology majors are available in the following areas:
A: Data Communications (DAT)
B: Information Management (IFM)
C: Information Systems (ISS)
D: Software Engineering (SOF)

**A: Data Communications Major (DAT)**

**Year 4, Semester 1**
Specialisation Unit selected from List 2
Specialisation Unit selected from List 2
Level 2 or 3 Maths Unit
Level 2 or 3 Maths Unit

**Year 4, Semester 2**
Specialisation Unit selected from List 2
Specialisation Unit selected from List 2
Level 2 or 3 Maths Unit
Level 2 or 3 Maths Unit

The following maths units must be undertaken by students in the Data Communications Major: MAB315 Operations Research 2 and MAB312 Linear Algebra

LIST 2: SPECIALISATION UNITS

In addition to the mandatory units, students undertaking the Data Communications Major are required to successfully complete the following:
Any five units to be selected - Any 3 units included in List 2A, and any other 2 units listed in either List 2A or 2B

**List 2A:**

ITB523 Data Security
ITB529 Network Services
ITB533 Comparative Network Systems
ITB549 Error Control and Data Compression
ITB551 Network Planning
ITB564 Application Services
ITB565 Network Management
ITB566 Introduction to Cryptology
ITB576 Data Communications Project 1
ITN556 Advanced Topics in Cryptology

Data Communications major students who complete the Industrial Internship Program will substitute ITB906 Industrial Training Experience for ITB240 Group Project

**B: Information Management Major (IFM)**

**Year 4, Semester 1**
ITB226 Information Theory
Specialisation Unit selected from List 3
Level 2 or 3 Maths Unit
Level 2 or 3 Maths Unit

**Year 4, Semester 2**
ITB330 Information Issues
Specialisation Unit selected from List 3
Level 2 or 3 Maths Unit
Level 2 or 3 Maths Unit

**List 3: Specialisation Unit**

Three units to be selected from one of the following specialisations:
Business:
BSB114 Government, Business and Society
BSB116 Marketing and International Business
ITB240 Project (Information Systems)
ITB341 Strategic Information and Knowledge Management
PYB057 Applied Cognitive Psychology

Library Studies:
ITB335 Digital Libraries
ITB337 Information Organisation 1
ITB338 Information Resource Provision
ITB339 Professional Practice

Science of Information:
ITB229 Information Systems Specification
ITB240 Project (Information Systems)
ITB335 Digital Libraries
MAB101 Statistical Data Analysis 1

**Information Systems:**
ITB240 Project (Information Systems)
ITB241 Information Technology Management
ITB260 E-Commerce Site Development

**Information Systems Elective**

Information Management major students who complete the Industrial Internship Program will substitute ITB906 for ITB240 Group Project

**C: Information Systems Major (ISS)**

**Year 4, Semester 1**
ITB223 4gl Systems
ITB241 Information Technology Management
Level 2 or 3 Maths Unit
Level 2 or 3 Maths Unit

**Year 4, Semester 2**
ITB236 Object-Oriented Analysis and Design
ITB240 Project (Information Systems)
Level 2 or 3 Maths Unit
Level 2 or 3 Maths Unit

Information Systems major students who complete the Industrial Internship Program will substitute ITB906 Industrial Training Experience for ITB240

**D: Software Engineering Major (SOF)**

**Year 4, Semester 1**
ITB432 Advanced Programming Laboratory
ITB433 Programming Languages
Level 2 or 3 Maths Unit
Level 2 or 3 Maths Unit

Computing Science major students who complete the Industrial Internship Education program will substitute ITB906 Industrial Training Experience for ITB432

**Year 4, Semester 2**
IT Elective Unit *
Specialisation Unit selected from List 4
Level 2 or 3 Maths Unit
Level 2 or 3 Maths Unit

* To be selected from units available in the Bachelor of Information Technology, subject to the approval of the major coordinator
List 4: Specialisation Units
Two units to be selected from one of the following specialisations:

Computing Systems:
ITB464 Modern Compiler Construction
ITB469 Unix Systems Programming and Administration
ITB470 Windows 2000 System Programming and Administration
Neurocomputing/Artificial Intelligence:
ITB442 Foundations of Artificial Intelligence
ITB461 Foundations of Neurocomputing
Software Engineering:
ITB454 Software Quality Assurance
ITB466 Component Technology

List 1: Information Technology Specialisation Units
Computing Science
ITB420 Computer Architecture
ITB427 Concurrent and Distributed Systems
ITB433 Programming Languages
ITB434 Parallel Computing
ITB441 Graphics
ITB442 Foundations of Artificial Intelligence
ITB447 Project
ITB456 Graphic User Interfaces
ITB458 Java and Extensible Programming
ITB461 Foundations of Neurocomputing
ITB463 Pattern Recognition
ITB464 Modern Compiler Construction
ITB466 Component Technology
ITB468 Software Engineering Project
ITB469 Unix Systems Programming and Administration
ITB470 Windows 2000 System Programming and Administration

Data Communications
ITB523 Data Security
ITB525 Network Administration
ITB533 Comparative Network Systems
ITB549 Error Control and Data Compression
ITB551 Network Planning
ITB564 Application Services
ITB565 Network Management
ITB566 Introduction to Cryptology
ITB568 Wireless Networks
ITB569 Network Security for E-Commerce
ITB576 Data Communications Project 1

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: All Mathematics units have 4 contact hours per week

- Bachelor of Applied Science/Bachelor of Business (IF61)

Award title: Bachelor of Applied Science (Study Area A)/Bachelor of Business (Study Area A)
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 Al Grenfell; Business: Mr Andrew Paltridge

Professional Recognition
For graduates with approved study relevant professional bodies include: Australasian Association of Clinical Biochemists, Australasian Institute of Mining and Metallurgy, Australian Biotechnology Association, Australian Institute of Geoscientists, Australian Institute of Physics, Australian Society for Biochemistry and Molecular Biology, Australian Society for Medical Research, Australian Society for Microbiology, Ecological Society of Australia, Geological Society of Australia, Royal Australian Chemical Institute.

Students completing the Bachelor of Business degree may, subject to choice of major, extended major and elective units, satisfy the academic requirements for membership of Certified Practicing Accountants (CPA) Australia, Institute of Chartered Accountants in Australia (ICAA), Australasian Institute of Banking and Finance, Economic Society of Australia (Queensland Division), Australasian Institute of Export, 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 Structure
Students are required to complete 432 credit points comprised of 192 credit points from the Bachelor of Applied Science program and 240 credit points from the Bachelor of Business program. Students supplement the applied science 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.

The Applied Science component includes the science core units, one major and one minor area of study. Applied Science majors: biochemistry, biotechnology, chemistry, ecology, environmental science, geoscience, microbiology and physics.

The full-time course structure indicated below is generalised because of the flexibility of the double degree program, which allows students to combine one of nine business majors (plus an associated double major, extended major, or specialisation) with one of eight science majors.

Course Structure
Year 1 & 2
3 List A Science core units
3 List B Science core units
2 Science units (level 1 and/or level 2)
8 Business units (faculty core units):
BSB110 Accounting
BSB111 Business Law and Ethics
BSB113 Economics
BSB114 Government, Business and Society
BSB115 Management, People and Organisations
BSB119 International & Electronic Business
BSB122 Business Information Analysis & Communication
Bachelor of Applied Science/Bachelor of Education (Early Childhood) (IF83)

Award title: Bachelor of Applied Science (Study Area A)/Bachelor of Education
CRICOS code: 020324C
Location: Gardens Point and Kelvin Grove

Course duration (full-time): 4 years
Total credit points: 384 (192 in BAppSc and 192 in BEd)
Standard credit points per semester (full-time): 48
Course coordinator: Dr Neville Bofinger (Science); Dr Gordon Tait (Education)

Course Design
Graduates from this double degree will have a science degree with the same core support and choice of major study areas as graduates from the Bachelor of Applied Science 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 your 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 IF83 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, Corporate Mathematics, Ecology, Environmental Science, Geoscience, Mathematics, Microbiology, Physics. The majors that are most relevant to students intending to follow a career in Early Childhood 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. Enrolment details are outlined in the SC01 Enrolment Book.

Course Structure
Students complete 192 credit points from units in the Bachelor of Applied Science degree (meeting all of the requirements of the core program and a major study), and 192 credit points from the Bachelor of Education (Early Childhood) program. The science units and the units CLB305, EAB442, EAB347 and EDB422 are undertaken during the first five semesters of the double degree program.

Course Structure - Major in Biochemistry

Year 1, Semester 1
EAB442 Motor and Social Development in Early Childhood
LSB118 Life Science
PCB101 Physical Science
PCB142 Chemistry 1

Year 1, Semester 2
CLB305 Education in Context
LSB238 Cell and Molecular Biology 1
NRB270 Animal and Plant Structure and Function
PCB242 Chemistry 2

Year 2, Semester 1
EAB547 Early Childhood Curriculum: Early Mathematical Explorations
LSB308 Biochemistry
LSB338 Cell and Molecular Biology 2
EITHER
MAB101 Statistical Data Analysis 1
OR
NRB100 Environmental Science

Year 2, Semester 2
LSB258 Human Anatomy and Physiology
LSB408 Metabolism
LSB468 Molecular Biology
LSB608 Protein Science

Year 3, Semester 1
EDB422 Early Childhood Professional Practice: Preschool/kindergarten
LSB508 Advanced Metabolism
LSB527 Biomedical Research Technologies
LSB568 Electron Microscopy

Year 3, Semester 2
EAB345 Early Childhood Curriculum: Language Education
EAB443 Cognition and Language in Early Childhood
EDB421 Early Childhood Professional Practice: Lower Primary
SPB001 Human Development and Education

Year 4, Semester 1
EAB348 Early Childhood Curriculum: Arts
EAB413 Management of Early Childhood Services
EDB420 Early Childhood Professional Practice: Child Care

UNIVERSITY-WIDE AND INTERFACULTY COURSES

Bachelor of Science - Major in Biochemistry
### Course Structure - Major in Biotechnology

**Year 1, Semester 1**
- EAB442 Motor and Social Development in Early Childhood
- LSB118 Life Science
- PCB101 Physical Science
- PCB142 Chemistry 1

**Year 1, Semester 2**
- CLB305 Education in Context
- LSB238 Cell and Molecular Biology 1
- NRB270 Animal and Plant Structure and Function
- PCB242 Chemistry 2

**Year 2, Semester 1**
- EAB347 Early Childhood Curriculum: Early Mathematical Explorations
- LSB308 Biochemistry
- LSB338 Cell and Molecular Biology 2
- MAB101 Statistical Data Analysis 1
- NRB109 Environmental Science

**Year 2, Semester 2**
- LSB258 Human Anatomy and Physiology
- LSB408 Metabolism
- LSB468 Molecular Biology
- LSB497 Plant Molecular Biology
- LSB567 Perspectives in Life Science

**Year 3, Semester 1**
- EDB422 Early Childhood Professional Practice: Preschool/kindergarten
- LSB537 Genetic Engineering

**Year 3, Semester 2**
- LSB509 Medical Biotechnology 1
- LSB568 Electron Microscopy
- LSB577 Plant Biotechnology 1

**Course Structure - Major in Chemistry**

**Year 1, Semester 1**
- EAB442 Motor and Social Development in Early Childhood
- MAB100 Mathematical Sciences 1A
- PCB101 Physical Science
- PCB142 Chemistry 1

**Year 1, Semester 2**
- CLB305 Education in Context
- PCB242 Chemistry 2
- PCB260 Physics 1A
- PCB434 Inorganic Chemistry

**Year 2, Semester 1**
- EAB347 Early Childhood Curriculum: Early Mathematical Explorations
- NRB100 Environmental Science
- PCB305 Principles of Physical Chemistry
- PCB354 Structure and Mechanism in Organic Chemistry

**Year 2, Semester 2**
- LSB118 Life Science
- PCB414 Industrial and Environmental Analytical Chemistry
- PCB444 Spectroscopy
- PCB634 Organometallic and Coordination Chemistry

**Year 3, Semester 1**
- EDB422 Early Childhood Professional Practice: Preschool/kindergarten
- PCB505 Advanced Physical Chemistry
- PCB554 Synthesis and Reactivity in Organic Chemistry

**Course Structure - Major in Ecology**

**Year 1, Semester 1**
- EAB442 Motor and Social Development in Early Childhood
- LSB118 Life Science
- NRB100 Environmental Science
- PCB101 Physical Science

**Year 1, Semester 2**
- CLB305 Education in Context
- MAB101 Statistical Data Analysis 1
- NRB270 Animal and Plant Structure and Function
- NRB410 Genetics

**Year 2, Semester 1**
- EAB347 Early Childhood Curriculum: Early Mathematical Explorations
- NRB311 Population Ecology
- NRB312 Experimental Design
- NRB370 Invertebrate Biology

**Year 2, Semester 2**
- LSB238 Cell and Molecular Biology 1
- NRB411 Ecological Methods
- NRB470 Vertebrate Biology
- NRB611 Conservation Biology

**Year 3, Semester 1**
- EDB422 Early Childhood Professional Practice: Preschool/kindergarten
- NRB510 Population Genetics
- NRB511 Population Management
- NRB572 Terrestrial Ecosystems

**Year 3, Semester 2**
- EAB345 Early Childhood Curriculum: Language Education
- EAB443 Cognition and Language in Early Childhood
- EDB421 Early Childhood Professional Practice: Lower Primary
- NRB100 Environmental Science

**Course Structure - Major in Environmental Science**

**Year 1, Semester 1**
- EAB442 Motor and Social Development in Early Childhood
- MAB101 Statistical Data Analysis 1
- NRB100 Environmental Science
- PCB101 Physical Science
### UNIVERSITY-WIDE AND INTERFACULTY COURSES

#### Year 1, Semester 2
- CLB305 Education in Context
- LSB118 Life Science
- NRB232 Environmental Geology
- PCB142 Chemistry 1

#### Year 2, Semester 1
- EAB347 Early Childhood Curriculum: Early Mathematical Explorations
- NRB300 Environmental Monitoring
- NRB311 Population Ecology
- One of ITB843, NRB370 Invertebrate Biology, NRB371 Plant Biology

#### Year 2, Semester 2
- NRB400 Environmental Systems
- NRB440 Environmental Chemistry
- NRB600 Issues in Environmental Management
- NRB633 Hydrogeology

#### Year 3, Semester 1
- EDB422 Early Childhood Professional Practice: Preschool/kindergarten
- NRB500 Environmental Modelling
- NRB501 Mapping and Modelling of Natural Resource Data
- One elective Science unit, taken from the group in Year 2 Semester 1 (above), plus NRB572 Terrestrial Ecosystems

#### Year 3, Semester 2
- EAB345 Early Childhood Curriculum: Language Education
- EAB443 Cognition and Language in Early Childhood
- EDB421 Early Childhood Professional Practice: Lower Primary
- SPB001 Human Development and Education

#### Year 4, Semester 1
- EAB348 Early Childhood Curriculum: Arts
- EAB413 Management of Early Childhood Services
- EDB420 Early Childhood Professional Practice: Child Care
- SPB002 Psychology of Learning and Teaching

#### Course Structure - Major in Mathematics (WITH Maths C)

#### Year 1, Semester 1
- EAB442 Motor and Social Development in Early Childhood
- MAB100 Mathematical Sciences 1A
- NRB100 Environmental Science

#### Year 2, Semester 1
- MAB111 Mathematical Sciences 1B
- MAB101 Statistical Data Analysis 1

#### Year 3, Semester 1
- MAB112 Mathematical Sciences 1C
- MAB311 Advanced Calculus
- MAB312 Linear Algebra

#### Year 4, Semester 1
- MAB313 Mathematics of Finance
- MAB314 Statistical Modelling 2

#### Year 1, Semester 2
- MAB315 Operations Research 2

#### Year 2, Semester 2
- Two Level 2 Mathematics units # - available units are MAB413, MAB414, MAB420, MAB422

#### Year 3, Semester 2
- MAB421 Discrete Mathematics
- MAB423 Financial Mathematics

#### Year 4, Semester 2
- Two Level 2 Mathematics units # - available units are MAB413, MAB414, MAB420, MAB422

#### Course Structure - Major in Mathematics (WITHOUT Maths C)

#### Year 1, Semester 1
- EAB442 Motor and Social Development in Early Childhood
- MAB100 Mathematical Sciences 1A
- NRB100 Environmental Science

#### Year 2, Semester 1
- MAB111 Mathematical Sciences 1B
- MAB101 Statistical Data Analysis 1

#### Year 1, Semester 2
- CLB305 Education in Context

#### Year 2, Semester 2
- MAB101 Statistical Data Analysis 1
- NRB100 Environmental Science

#### Year 3, Semester 1
- EAB442 Motor and Social Development in Early Childhood
- MAB100 Mathematical Sciences 1A
- NRB100 Environmental Science

#### Year 4, Semester 1
- EAB413 Management of Early Childhood Services
- EDB420 Early Childhood Professional Practice: Child Care
- SPB002 Psychology of Learning and Teaching

#### Year 1, Semester 2
- CLB305 Education in Context

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Course Structure - Major in Microbiology

Year 1, Semester 1
EAB442 Motor and Social Development in Early Childhood
PCB101 Physical Science
SPB001 Human Development and Education

Year 2, Semester 2
EDB422 Early Childhood Professional Practice: Preschool/kindergarten

Year 3, Semester 1
EAB345 Early Childhood Curriculum: Language Education
EAB443 Cognition and Language in Early Childhood
EDB420 Early Childhood Professional Practice: Lower Primary

Year 3, Semester 2
EAB346 Early Childhood Curriculum: Early Mathematical Explorations

Course Structure - Major in Physics

Year 1, Semester 1
EAB442 Motor and Social Development in Early Childhood
PCB101 Physical Science
SPB107 Physics and Quantitative Techniques
MAB101 Statistical Data Analysis 1

Year 1, Semester 2
CLB305 Education in Context
MAB113 Engineering Mathematics 1B
PCB250 Physics 1
PCB260 Physics 1A

Year 2, Semester 1
EAB347 Early Childhood Curriculum: Language Education
EAB443 Cognition and Language in Early Childhood
EDB421 Early Childhood Professional Practice: Lower Primary

Year 2, Semester 2
PCB462 Thermodynamics and Solid State Physics

Year 3, Semester 1
EDB422 Early Childhood Professional Practice: Preschool/kindergarten
PCB561 Quantum and Condensed Matter Physics
PCB562 Physical Methods of Analysis
PCB661 Experimental Physics

Year 3, Semester 2
EAB348 Early Childhood Curriculum: Arts
EAB413 Management of Early Childhood Services
EDB420 Early Childhood Professional Practice: Child Care

Year 4, Semester 2
CLB306 Understanding Educational Practices

Bachelor of Applied Science/Bachelor of Education (Primary) (IF84)

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: Science: Dr Neville Bofinger/Education: Dr Gordon Tait

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 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 your 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 IF84 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.

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.


Course Structure for Commencing Students in 2002
Students complete 192 credit points from units in the Bachelor of Applied Science degree (meeting all of the requirements of the core program and a major study), and 192 credit points from the Bachelor of Education (Primary) program. The science units and the units CLB305, MDB383, CLB376 and EDB430 are undertaken during the first five semesters of the double degree program.

Course Structure - Major in Biochemistry

**Year 1, Semester 1**
- CLB305 Education in Context
- LSB118 Life Science
- PCB101 Physical Science
- PCB142 Chemistry 1

**Year 1, Semester 2**
- LSB238 Cell and Molecular Biology 1
- MDB383 Using Technology in the Curriculum
- NRB270 Animal and Plant Structure and Function
- PCB242 Chemistry 2

**Year 2, Semester 1**
- CLB376 Studies of Society and Environment Curriculum
- LSB308 Biochemistry
- LSB338 Cell and Molecular Biology 2
- EITHER
- MAB101 Statistical Data Analysis 1
- OR
- NRB100 Environmental Science

**Year 2, Semester 2**
- EDB430 Primary Professional Practice 1: Classroom Management
- 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**
- CLB454 Language and Literacy Curriculum
- EDB431 Primary Professional Practice 2: Curriculum Decision Making
- MDB384 Science Education
- SPB001 Human Development and Education

**Year 4, Semester 1**
- CLB413 Programming and Assessment in Language and Mathematics
- EDB432 Primary Professional Practice 3: The Inclusive Curriculum
- HMB307 Health and Physical Education Curriculum (Primary)
- MDB450 Primary Mathematics Curriculum

**Year 4, Semester 2**
- CLB306 Understanding Educational Practices
- EDB433 Primary Professional Practice 4: Reflective Practice
- KKB914 Visual and Performing Arts Curriculum 1
- SPB002 Psychology of Learning and Teaching

Students with an approved LOTE background in their undergraduate degree who wish to undertake CLB334 Primary LOTE Curriculum Studies in place of CLB413 should contact the Student Affairs office on 3864 3847. CLB334 is offered internally in semester 2.

Course Structure - Major in Biotechnology

**Year 1, Semester 1**
- CLB305 Education in Context
- LSB118 Life Science
- PCB101 Physical Science
- PCB142 Chemistry 1

**Year 1, Semester 2**
- LSB238 Cell and Molecular Biology 1
- MDB383 Using Technology in the Curriculum
- NRB270 Animal and Plant Structure and Function
- PCB242 Chemistry 2

**Year 2, Semester 1**
- CLB376 Studies of Society and Environment Curriculum
- LSB308 Biochemistry
- LSB338 Cell and Molecular Biology 2
- EITHER
- MAB101 Statistical Data Analysis 1
- OR
- NRB100 Environmental Science

**Year 2, Semester 2**
- EDB430 Primary Professional Practice 1: Classroom Management
- EITHER
- LSB408 Metabolism
- OR
- LSB497 Plant Molecular Biology
- LSB567 Perspectives in Life Science
- EDB430 Primary Professional Practice 1: Classroom Management

**Year 3, Semester 1**
- LSB537 Genetic Engineering
- One Science Elective
- Two of
- LSB509 Medical Biotechnology 1
- LSB577 Plant Biotechnology 1
- LSB568 Electron Microscopy

**Year 3, Semester 2**
- CLB454 Language and Literacy Curriculum
- EDB431 Primary Professional Practice 2: Curriculum Decision Making
- MDB384 Science Education
- SPB001 Human Development and Education

**Year 4, Semester 1**
- CLB413 Programming and Assessment in Language and Mathematics
- EDB432 Primary Professional Practice 3: The Inclusive Curriculum
- HMB307 Health and Physical Education Curriculum (Primary)
- MDB450 Primary Mathematics Curriculum
Year 4, Semester 2
CLB305 Education in Context
EDB433 Primary Professional Practice 4: Reflective Practice
KKB914 Visual and Performing Arts Curriculum 1
SPB002 Psychology of Learning and Teaching

In 2002 EDB432 will be available in semester 2 to students who do not successfully complete the requirements of the unit in semester 1. This offering will be in external mode only.

Students with an approved LOTE background in their undergraduate degree who wish to undertake CLB334 Primary LOTE Curriculum Studies in place of CLB413 should contact the Student Affairs office on 3864 3847. CLB334 is offered internally in semester 2.

Course Structure - Major in Chemistry

Year 1, Semester 1
CLB305 Education in Context
MAB100 Mathematical Sciences 1A
PCB101 Physical Science
PCB142 Chemistry 1

Year 2, Semester 2
MDB383 Using Technology in the Curriculum
PCB242 Chemistry 2
PCB260 Physics 1A
PCB434 Inorganic Chemistry

Year 3, Semester 1
CLB376 Studies of Society and Environment Curriculum
NRB100 Environmental Science
PCB305 Principles of Physical Chemistry
PCB354 Structure and Mechanism in Organic Chemistry

Year 3, Semester 2
CLB454 Language and Literary Curriculum
EDB431 Primary Professional Practice 2: Curriculum Decision Making
MDB384 Science Education
SPB001 Human Development and Education

Year 4, Semester 1
CLB305 Education in Context
MAB101 Statistical Data Analysis 1
NRB100 Environmental Science
PCB101 Physical Science

Year 1, Semester 1
LSB118 Life Science
PCB505 Advanced Physical Chemistry
PCB554 Synthesis and Reactivity in Organic Chemistry
PCB514 Instrumental Analysis
PCB584 Forensic Examination of Physical Evidence
PCB604 Project

Year 2, Semester 2
CLB430 Primary Professional Practice 1: Classroom Management
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

Year 4, Semester 1
CLB413 Programming and Assessment in Language and Mathematics
EDB432 Primary Professional Practice 3: The Inclusive Curriculum
HMB307 Health and Physical Education Curriculum (Primary)

Year 2, Semester 2
CLB305 Education in Context
MAB100 Mathematical Sciences 1A
PCB101 Physical Science

Year 1, Semester 1
LSB118 Life Science
NRB100 Environmental Science
PCB101 Physical Science

Year 2, Semester 2
CLB306 Understanding Educational Practices
EDB433 Primary Professional Practice 4: Reflective Practice
KKB914 Visual and Performing Arts Curriculum 1
SPB002 Psychology of Learning and Teaching

Students with an approved LOTE background in their undergraduate degree who wish to undertake CLB334 Primary LOTE Curriculum Studies in place of CLB413 should contact the Student Affairs office on 3864 3847. CLB334 is offered internally in semester 2.

Course Structure - Major in Environmental Science

Year 1, Semester 1
CLB305 Education in Context
MAB101 Statistical Data Analysis 1
NRB100 Environmental Science
PCB101 Physical Science

Year 2, Semester 2
CLB305 Education in Context
MAB101 Statistical Data Analysis 1
NRB100 Environmental Science
PCB101 Physical Science

Year 3, Semester 1
CLB306 Understanding Educational Practices
EDB433 Primary Professional Practice 4: Reflective Practice
KKB914 Visual and Performing Arts Curriculum 1
SPB002 Psychology of Learning and Teaching

Students with an approved LOTE background in their undergraduate degree who wish to undertake CLB334 Primary LOTE Curriculum Studies in place of CLB413 should contact the Student Affairs office on 3864 3847. CLB334 is offered internally in semester 2.
Course Structure - Major in Geology

Year 1, Semester 2
CLB305 Education in Context
MAB100 Mathematical Sciences 1A
NRB100 Environmental Science
PCB101 Physical Science

Year 1, Semester 2
MAB101 Statistical Data Analysis 1
MDB383 Using Technology in the Curriculum
NRB230 Planet Earth
PCB142 Chemistry 1

Year 2, Semester 1
CLB376 Studies of Society and Environment Curriculum
NRB331 Sedimentary Geology
NRB333 Mineralogy
NRB334 Mineral Deposits and Mine Geology

Year 2, Semester 2
EDB430 Primary Professional Practice 1: Classroom Management
NRB434 Structural Geology and Field Methods
NRB436 Introduction to Igneous and Metamorphic Petrology
NRB633 Hydrogeology
SCB222 Exploration of the Universe

Year 3, Semester 1
NRB533 Advanced Geological Mapping
NRB534 Geophysics
NRB536 Petrology and Geochemistry

One Science Elective
The major component in assessment and teaching of NRB533 is conducted as a field program during July.

Year 3, Semester 2
CLB454 Language and Literacy Curriculum
EDB431 Primary Professional Practice 2: Curriculum Decision Making
MDB384 Science Education
SPB001 Human Development and Education

Year 4, Semester 2
CLB413 Programming and Assessment in Language and Mathematics
EDB432 Primary Professional Practice 3: The Inclusive Curriculum
HM3807 Health and Physical Education Curriculum (Primary)
MAB450 Primary Mathematics Curriculum

One Science Elective

Year 4, Semester 2
CLB306 Understanding Educational Practices
EDB433 Primary Professional Practice 4: Reflective Practice
KKB914 Visual and Performing Arts Curriculum 1

Students with an approved LOTE background in their undergraduate degree who wish to undertake CLB334 Primary LOTE Curriculum Studies in place of CLB413 should contact the Student Affairs office on 3864 3847. CLB334 is offered internally in semester 2.

Course Structure - Major in Mathematics (WITHOUT Maths C)

Year 1, Semester 1
CLB305 Education in Context
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
MDB383 Using Technology in the Curriculum
PCB101 Physical Science

Year 2, Semester 1
CLB376 Studies of Society and Environment Curriculum

One Science Elective
Two Level 2 Mathematics units # - available units are:

MAB311 Advanced Calculus
MAB312 Linear Algebra
MAB313 Mathematics of Finance
MAB314 Statistical Modelling 2

Year 2, Semester 2
EDB430 Primary Professional Practice 1: Classroom Management

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:

MAB613 Partial Differential Equations
MAB621 Discrete Mathematics
MAB623 Financial Mathematics

# 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:

MAB520 Applied Mathematics 3
MAB522 Computational Mathematics 3
MAB524 Statistical Inference

Year 3, Semester 2
CLB454 Language and Literacy Curriculum
EDB431 Primary Professional Practice 2: Curriculum Decision Making
MDB384 Science Education
SPB001 Human Development and Education

Year 4, Semester 1
CLB413 Programming and Assessment in Language and Mathematics
EDB432 Primary Professional Practice 3: The Inclusive Curriculum
HM3807 Health and Physical Education Curriculum (Primary)
MAB450 Primary Mathematics Curriculum

One Science Elective

Year 4, Semester 2
CLB306 Understanding Educational Practices
EDB433 Primary Professional Practice 4: Reflective Practice
KKB914 Visual and Performing Arts Curriculum 1

Students with an approved LOTE background in their undergraduate degree who wish to undertake CLB334 Primary LOTE Curriculum Studies in place of CLB413 should contact the Student Affairs office on 3864 3847. CLB334 is offered internally in semester 2.

Course Structure - Major in Mathematics (WITH Maths C)

Year 1, Semester 1
CLB305 Education in Context
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

OR

MAB210 Statistical Modelling 1

EITHER

Year 1, Semester 2
MAB200 Mathematical Sciences 1A
MAB311 Mathematical Sciences 1B

MAB312 Linear Algebra
MAB313 Mathematics of Finance
MAB314 Statistical Modelling 2

Year 2, Semester 1
CLB376 Studies of Society and Environment Curriculum

Three Level 2 Mathematics units # - available units are:

MAB311 Advanced Calculus
MAB312 Linear Algebra
MAB313 Mathematics of Finance
MAB314 Statistical Modelling 2

Year 2, Semester 2
EDB430 Primary Professional Practice 1: Classroom Management

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:

MAB613 Partial Differential Equations
MAB621 Discrete Mathematics
MAB623 Financial Mathematics

# Students must complete at least one of MAB311, MAB312, MAB413
CLB334 is offered internally in semester 2. Students with an approved LOTE background in their undergraduate degree who wish to undertake CLB334 Primary LOTE Curriculum in place of CLB413 should contact the Student Affairs office on 3864 3847. CLB334 is offered internally in semester 2.

Course Structure - Major in Microbiology

**Year 1, Semester 1**
- CLB305: Education in Context
- LSB118: Life Science
- PCB101: Physical Science
- PCB142: Chemistry 1

**Year 1, Semester 2**
- LSB238: Cell and Molecular Biology 1
- MDB383: Understanding Educational Practices
- NRB270: Animal and Plant Structure and Function
- PCB242: Chemistry 2

**Year 2, Semester 1**
- CLB376: Studies of Society and Environment Curriculum
- LSB308: Biochemistry
- LSB338: Cell and Molecular Biology 2
- EITHER
- MAB101: Statistical Data Analysis 1
- OR
- NRB100: Environmental Science

**Year 2, Semester 2**
- EDB430: Primary Professional Practice 1: Classroom Management
- LSB408: Metabolism
- LSB428: Microbiology 2
- LSB657: Perspectives in Life Science

**Year 3, Semester 1**
- LSB528: Environmental Microbiology
- LSB547: Bacterial Pathogenesis
- LSB578: Virology
- EITHER

**Year 3, Semester 2**
- CLB454: Language and Literacy Curriculum
- EDB431: Primary Professional Practice 2: Curriculum Decision Making
- MDB384: Science Education
- SPB001: Human Development and Education

**Year 4, Semester 1**
- CLB413: Programming and Assessment in Language and Mathematics
- EDB432: Primary Professional Practice 3: The Inclusive Curriculum
- HMB307: Health and Physical Education Curriculum (Primary)

**Year 4, Semester 2**
- CLB306: Understanding Educational Practices
- EDB433: Primary Professional Practice 4: Reflective Practice
- KKB914: Visual and Performing Arts Curriculum 1
- SPB002: Psychology of Learning and Teaching

Students with an approved LOTE background in their undergraduate degree who wish to undertake CLB334 Primary LOTE Curriculum in place of CLB413 should contact the Student Affairs office on 3864 3847. CLB334 is offered internally in semester 2.

Course Structure - Major in Physics

**Year 1, Semester 1**
- CLB305: Education in Context
- MAB101: Statistical Data Analysis 1
- PCB101: Physical Science
- PCB107: Physics and Quantitative Techniques

**Year 1, Semester 2**
- EDB432: Primary Professional Practice 1: Classroom Management
- MDB383: Using Technology in the Curriculum
- MAB132: Engineering Mathematics 1B
- PCB250: Physics 1
- PCB260: Physics 1A

**Year 2, Semester 1**
- CLB376: Studies of Society and Environment Curriculum
- MAB134: Electrical Engineering Mathematics 3
- PCB361: AC Theory and Electronics
- PCB362: Physics 2

**Year 2, Semester 2**
- EDB430: Primary Professional Practice 1: Classroom Management
- PCB404: Scientific Principles of Safety
- PCB460: Instrumentation and Computational Methods
- PCB462: Thermodynamics and Solid State Physics

**Year 3, Semester 1**
- ONE Science Elective unit
- PCB561: Quantum and Condensed Matter Physics
- PCB562: Physical Methods of Analysis
- PCB661: Experimental Physics

**Year 3, Semester 2**
- CLB454: Language and Literacy Curriculum
- EDB431: Primary Professional Practice 2: Curriculum Decision Making
- MDB384: Science Education
- SPB001: Human Development and Education

**Year 4, Semester 1**
- CLB413: Programming and Assessment in Language and Mathematics
- EDB432: Primary Professional Practice 3: The Inclusive Curriculum
- HMB307: Health and Physical Education Curriculum (Primary)
- MDB450: Primary Mathematics Curriculum

**Year 4, Semester 2**
- CLB306: Understanding Educational Practices
- EDB433: Primary Professional Practice 4: Reflective Practice
- KKB914: Visual and Performing Arts Curriculum 1
- SPB002: Psychology of Learning and Teaching

In 2002 EDB432 will be available in semester 2 to students who do not successfully complete the requirements of the unit in semester 1. This offering will be in external mode only.

Students with an approved LOTE background in their undergraduate degree who wish to undertake CLB334 Primary LOTE Curriculum in place of CLB413 should contact the Student Affairs office on 3864 3847. CLB334 is offered internally in semester 2.

Transitional Course Structure for Continuing Students who commenced in 1999

Students complete 192 credit points from units in the Bachelor of Applied Science degree (meeting all of the requirements of the core program and a major study), and 192 credit points from the Bachelor of Education (Primary) program. The science units and the units CLB342, CLB305, CLB376 and EDB430 are undertaken during the first five semesters of the double degree program.

Transitional Course Structure for Continuing Students who commenced in 1999 - Major in Biochemistry

**Year 1, Semester 1**
- CLB342: Language and Mathematics Curriculum 1
- LSB118: Life Science
- PCB101: Physical Science
- PCB142: Chemistry 1

**Year 1, Semester 2**
- CLB305: Education in Context
- LSB238: Cell and Molecular Biology 1
- NRB270: Animal and Plant Structure and Function
- PCB242: Chemistry 2

**Year 2, Semester 1**
- CLB376: Studies of Society and Environment Curriculum
- LSB308: Biochemistry
- LSB338: Cell and Molecular Biology 2
- EITHER

**Year 2, Semester 2**
- CLB306: Understanding Educational Practices
- EDB432: Primary Professional Practice 3: The Inclusive Curriculum
- HMB307: Health and Physical Education Curriculum (Primary)
- MDB450: Primary Mathematics Curriculum

**Year 3, Semester 1**
- CLB413: Programming and Assessment in Language and Mathematics
- EDB432: Primary Professional Practice 3: The Inclusive Curriculum
- HMB307: Health and Physical Education Curriculum (Primary)
- MDB450: Primary Mathematics Curriculum

**Year 3, Semester 2**
- CLB376: Studies of Society and Environment Curriculum
- LSB308: Biochemistry
- LSB338: Cell and Molecular Biology 2
- EITHER

**Year 4, Semester 1**
- CLB305: Education in Context
- MAB101: Statistical Data Analysis 1
- OR

**Year 4, Semester 2**
- CLB305: Education in Context
- LSB238: Cell and Molecular Biology 1
- NRB270: Animal and Plant Structure and Function
- PCB242: Chemistry 2

**Year 1, Semester 2**
- CLB305: Education in Context
- LSB238: Cell and Molecular Biology 1
- NRB270: Animal and Plant Structure and Function
- PCB242: Chemistry 2
UNIVERSITY-WIDE AND INTERFACULTY COURSES

Year 3, Semester 1
- PCB142 Chemistry 1
- LSB506 Advanced Metabolism
- LSB527 Biomedical Research Technologies
  EITHER
- LSB537 Genetic Engineering
  OR
- LSB568 Electron Microscopy
  One Science Elective

Year 3, Semester 2 (2001)
- CLB343 Language and Mathematics Curriculum 2
- EDB431 Primary Professional Practice 2: Curriculum Decision Making
- MDB383 Using Technology in the Curriculum
- MDB384 Science Education

Year 4, Semester 1 (2002)
- CLB413 Programming and Assessment in Language and Mathematics
- EDB432 Primary Professional Practice 3: The Inclusive Curriculum
- HMB307 Health and Physical Education Curriculum (Primary)
- SPB001 Human Development and Education

Year 4, Semester 2 (2002)
- CLB306 Understanding Educational Practices
- EDB433 Primary Professional Practice 4: Reflective Practice
- KKB914 Visual and Performing Arts Curriculum 1
- SPB002 Psychology of Learning and Teaching

Students with an approved LOTE background in their undergraduate degree who wish to undertake CLB334 Primary LOTE Curriculum Studies in place of CLB413 should contact the Student Affairs office on 3864 3847. CLB334 is offered internally in semester 2.

Transitional Course Structure for Continuing Students who commenced in 1999 - Major in Biotechnology

Year 1, Semester 1
- CLB342 Language and Mathematics Curriculum 1
- LSB118 Life Science
- PCB101 Physical Science
- PCB142 Chemistry 1

Year 1, Semester 2
- CLB305 Education in Context
- LSB238 Cell and Molecular Biology 1
- NRB270 Animal and Plant Structure and Function
- PCB232 Chemistry 2

Year 2, Semester 1
- CLB376 Studies of Society and Environment Curriculum
- LSB308 Biochemistry
- LSB338 Cell and Molecular Biology 2
  EITHER
- MAB101 Statistical Data Analysis 1
  OR
- NRB100 Environmental Science

Year 2, Semester 2
- CLB408 Metabolism
  EITHER
- LSB409 Metabolism
  OR
- LSB497 Plant Molecular Biology
- LSB468 Molecular Biology
- LSB657 Perspectives in Life Science
- EDB430 Primary Professional Practice 1: Classroom Management

Year 3, Semester 1
- LSB537 Genetic Engineering
  One Science Elective
  Two of
- LSB509 Medical Biotechnology 1
- LSB577 Plant Biotechnology 1
- LSB568 Electron Microscopy

Year 3, Semester 2 (2001)
- CLB454 Language and Literacy Curriculum
- EDB432 Primary Professional Practice 2: Curriculum Decision Making
- MDB383 Using Technology in the Curriculum
- MDB384 Science Education

Year 4, Semester 1 (2002)
- CLB413 Programming and Assessment in Language and Mathematics
- EDB432 Primary Professional Practice 3: The Inclusive Curriculum
- HMB307 Health and Physical Education Curriculum (Primary)
- SPB001 Human Development and Education

Year 4, Semester 2 (2002)
- CLB306 Understanding Educational Practices
- EDB433 Primary Professional Practice 4: Reflective Practice
- KKB914 Visual and Performing Arts Curriculum 1

SPB002 Psychology of Learning and Teaching

Students with an approved LOTE background in their undergraduate degree who wish to undertake CLB334 Primary LOTE Curriculum Studies in place of CLB413 should contact the Student Affairs office on 3864 3847. CLB334 is offered internally in semester 2.

Transitional Course Structure for Continuing Students who commenced in 1999 - Major in Chemistry

Year 1, Semester 1
- CLB342 Language and Mathematics Curriculum 1
- MAB100 Mathematical Sciences 1A
- PCB101 Physical Science
- PCB142 Chemistry 1

Year 1, Semester 2
- CLB305 Education in Context
- PCB242 Chemistry 2
- PCB260 Physics 1A
- PCB434 Inorganic Chemistry

Year 2, Semester 1
- CLB376 Studies of Society and Environment Curriculum
- NRB100 Environmental Science
- PCB305 Principles of Physical Chemistry
- PCB354 Structure and Mechanism in Organic Chemistry

Year 2, Semester 2
- EDB430 Primary Professional Practice 1: Classroom Management
- PCB414 Industrial and Environmental Analytical Chemistry
- PCB444 Spectroscopy
- PCB634 Organometallic and Coordination Chemistry

Year 3, Semester 1
- LSB118 Life Science
- PCB405 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 (2001)
- CLB343 Language and Mathematics Curriculum 2
- EDB431 Primary Professional Practice 2: Curriculum Decision Making
- MDB383 Using Technology in the Curriculum
- MDB384 Science Education

Year 4, Semester 1 (2002)
- CLB413 Programming and Assessment in Language and Mathematics
- EDB432 Primary Professional Practice 3: The Inclusive Curriculum
- HMB307 Health and Physical Education Curriculum (Primary)
- SPB001 Human Development and Education

Year 4, Semester 2 (2002)
- CLB306 Understanding Educational Practices
- EDB433 Primary Professional Practice 4: Reflective Practice
- KKB914 Visual and Performing Arts Curriculum 1

SPB002 Psychology of Learning and Teaching

Students with an approved LOTE background in their undergraduate degree who wish to undertake CLB334 Primary LOTE Curriculum Studies in place of CLB413 should contact the Student Affairs office on 3864 3847. CLB334 is offered internally in semester 2.

Transitional Course Structure for Continuing Students who commenced in 1999 - Major in Ecology

Year 1, Semester 1
- CLB342 Language and Mathematics Curriculum 1
- LSB118 Life Science
- NRB100 Environmental Science
- PCB101 Physical Science

Year 1, Semester 2
- MAB100 Mathematical Sciences 1A
- PCB305 Principles of Physical Chemistry
- PCB354 Structure and Mechanism in Organic Chemistry

Year 2, Semester 1
- PCB305 Principles of Physical Chemistry
- PCB354 Structure and Mechanism in Organic Chemistry

Year 2, Semester 2
- EDB430 Primary Professional Practice 1: Classroom Management
- PCB414 Industrial and Environmental Analytical Chemistry
- PCB444 Spectroscopy
- PCB634 Organometallic and Coordination Chemistry

Year 3, Semester 1
- LSB118 Life Science
- PCB434 Inorganic 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 (2001)
- CLB343 Language and Mathematics Curriculum 2
- EDB431 Primary Professional Practice 2: Curriculum Decision Making
- MDB383 Using Technology in the Curriculum
- MDB384 Science Education

Year 4, Semester 1 (2002)
- CLB413 Programming and Assessment in Language and Mathematics
- EDB432 Primary Professional Practice 3: The Inclusive Curriculum
- HMB307 Health and Physical Education Curriculum (Primary)
- SPB001 Human Development and Education

Year 4, Semester 2 (2002)
- CLB306 Understanding Educational Practices
- EDB433 Primary Professional Practice 4: Reflective Practice
- KKB914 Visual and Performing Arts Curriculum 1

SPB002 Psychology of Learning and Teaching

Students with an approved LOTE background in their undergraduate degree who wish to undertake CLB334 Primary LOTE Curriculum Studies in place of CLB413 should contact the Student Affairs office on 3864 3847. CLB334 is offered internally in semester 2.
### Transitional Course Structure for Continuing Students who commenced in 1999 - Environmental Science

**Year 1, Semester 1**
- CLB342 Language and Mathematics Curriculum 1
- MAB101 Statistical Data Analysis 1
- NRB100 Environmental Science
- PCB101 Physical Science

**Year 1, Semester 2**
- CLB306 Understanding Educational Practices
- EDB433 Primary Professional Practice: Reflective Practice
- KKB914 Visual and Performing Arts Curriculum 1
- SPB002 Psychology of Learning and Teaching

Students with an approved LOTE background in their undergraduate degree who wish to undertake CLB334 Primary LOTE Curriculum Studies in place of CLB413 should contact the Student Affairs office on 3864 3847. CLB334 is offered internally in semester 2.

### Transitional Course Structure for Continuing Students who commenced in 1999 - Maths (WITH Maths C)

**Year 1, Semester 1**
- CLB342 Language and Mathematics Curriculum 1
- MAB101 Statistical Data Analysis 1
- MAB111 Mathematical Sciences 1B
- MAB112 Mathematical Sciences 1C

**Year 1, Semester 2**
- CLB305 Education in Context
- EDB210 Statistical Modelling 1
- MAB210 Computational Mathematics 1
- PCB101 Physical Science

**Year 2, Semester 1**
- CLB376 Studies of Society and Environment Curriculum
- MAB315 Operations Research 2
- MAB413 Differential Equations
- MAB414 Applied Statistics 2
- MAB420 Computational Mathematics 2
- MAB422 Mathematical Modelling

**Year 2, Semester 2**
- EDB430 Primary Professional Practice 1: Classroom Management
- NRB334 Advanced Geological Mapping
- NRB335 Geophysics
- NRB356 Petrology and Geochemistry

**Year 3, Semester 1**
- CLB376 Studies of Society and Environment Curriculum
- MAB613 Partial Differential Equations

**Year 3, Semester 2**
- CLB376 Studies of Society and Environment Curriculum
- MAB613 Partial Differential Equations

**Year 4, Semester 1**
- MDB383 Using Technology in the Curriculum
- MAB314 Statistical Modelling 2
- MAB315 Operations Research 2
- MAB413 Differential Equations
- MAB414 Applied Statistics 2
- MAB420 Computational Mathematics 2
- MAB422 Mathematical Modelling

**Year 4, Semester 2**
- EDB430 Primary Professional Practice 1: Classroom Management
- MAB413 Differential Equations
- MAB414 Applied Statistics 2
- MAB420 Computational Mathematics 2
- MAB422 Mathematical Modelling

**Year 4, Semester 3**
- MDB384 Science Education
- MAB315 Operations Research 2
- MAB413 Differential Equations
- MAB414 Applied Statistics 2
- MAB420 Computational Mathematics 2
- MAB422 Mathematical Modelling

**Year 4, Semester 4**
- EDB430 Primary Professional Practice 1: Classroom Management
- MAB413 Differential Equations
- MAB414 Applied Statistics 2
- MAB420 Computational Mathematics 2
- MAB422 Mathematical Modelling

**Year 4, Semester 5**
- MDB384 Science Education
- MAB315 Operations Research 2
- MAB413 Differential Equations
- MAB414 Applied Statistics 2
- MAB420 Computational Mathematics 2
- MAB422 Mathematical Modelling

**Year 4, Semester 6**
- EDB430 Primary Professional Practice 1: Classroom Management
- MAB413 Differential Equations
- MAB414 Applied Statistics 2
- MAB420 Computational Mathematics 2
- MAB422 Mathematical Modelling

**Year 4, Semester 7**
- MDB384 Science Education
- MAB315 Operations Research 2
- MAB413 Differential Equations
- MAB414 Applied Statistics 2
- MAB420 Computational Mathematics 2
- MAB422 Mathematical Modelling

**Year 4, Semester 8**
- EDB430 Primary Professional Practice 1: Classroom Management
- MAB413 Differential Equations
- MAB414 Applied Statistics 2
- MAB420 Computational Mathematics 2
- MAB422 Mathematical Modelling
MAB621 Discrete Mathematics
MAB623 Financial Mathematics
# 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
MAB524 Statistical Inference
MAB525 Operations Research 3A
MAB526 Statistical Science 3

Year 3, Semester 2 (2001)
CLB343 Language and Mathematics Curriculum 2
EDB431 Primary Professional Practice 2: Curriculum Decision Making
MDB383 Using Technology in the Curriculum
MDB384 Science Education

Year 4, Semester 1 (2002)
CLB306 Understanding Educational Practices
EDB433 Primary Professional Practice 4: Reflective Practice
KKB914 Visual and Performing Arts Curriculum 1
SPB002 Psychology of Learning and Teaching

Students with an approved LOTE background in their undergraduate degree who wish to undertake CLB334 Primary LOTE Curriculum Studies in place of CLB413 should contact the Student Affairs office on 3864 3847. CLB334 is offered internally in semester 2.

Transitional Course Structure for Continuing Students who commenced in 1999- Maths (WITHOUT Maths C)

Year 1, Semester 1
CLB342 Language and Mathematics Curriculum 1
MAB100 Mathematical Sciences 1A
MAB101 Statistical Data Analysis 1
MAB111 Mathematical Sciences 1B

Year 1, Semester 2
MAB210 Statistical Modelling 1
OR
MAB220 Computational Mathematics 1
MAB112 Mathematical Sciences 1C
CLB305 Education in Context
PCB101 Physical Science

Year 2, Semester 1
CLB376 Studies of Society and Environment Curriculum
Three Level 2 Mathematics units # - available units are:
MAB311 Advanced Calculus
MAB312 Linear Algebra
MAB313 Mathematics of Finance
MAB314 Statistical Modelling 2

Year 2, Semester 2
EDB430 Primary Professional Practice 1: Classroom Management
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:
MAB613 Partial Differential Equations
MAB621 Discrete Mathematics
MAB623 Financial Mathematics
# 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
MAB524 Statistical Inference
MAB525 Operations Research 3A
MAB526 Statistical Science 3

Year 3, Semester 2 (2001)
CLB343 Language and Mathematics Curriculum 2
EDB431 Primary Professional Practice 2: Curriculum Decision Making
MDB383 Using Technology in the Curriculum
MDB384 Science Education

Year 4, Semester 1 (2002)
CLB413 Programming and Assessment in Language and Mathematics
EDB432 Primary Professional Practice 3: The Inclusive Curriculum
HMB307 Health and Physical Education Curriculum (Primary)
SPB001 Human Development and Education

Year 4, Semester 2 (2002)
CLB306 Understanding Educational Practices
EDB433 Primary Professional Practice 4: Reflective Practice
KKB914 Visual and Performing Arts Curriculum 1
SPB002 Psychology of Learning and Teaching
Students with an approved LOTE background in their undergraduate degree who wish to undertake CLB334 Primary LOTE Curriculum Studies in place of CLB413 should contact the Student Affairs office on 3864 3847. CLB334 is offered internally in semester 2.

Transitional Course Structure for Continuing Students who commenced in 1999 - Major in Microbiology

Year 1, Semester 1
CLB342 Language and Mathematics Curriculum 1
LSB418 Life Science
PCB142 Chemistry 1

Year 2, Semester 1
SCP242 Chemistry 2
PCB101 Physical Science

Year 2, Semester 2
EDB430 Primary Professional Practice 1: Classroom Management
LSB408 Metabolism
LSB428 Microbiology 2
LSB657 Perspectives in Life Science

Year 3, Semester 1
LSB528 Environmental Microbiology
LSB547 Bacterial Pathogenesis
LSB578 Virology
One Science Elective

Year 3, Semester 2 (2001)
CLB343 Language and Mathematics Curriculum 2
EDB431 Primary Professional Practice 2: Curriculum Decision Making
MDB383 Using Technology in the Curriculum
MDB384 Science Education

Year 4, Semester 1 (2002)
CLB413 Programming and Assessment in Language and Mathematics
EDB432 Primary Professional Practice 3: The Inclusive Curriculum
HMB307 Health and Physical Education Curriculum (Primary)
SPB001 Human Development and Education

Year 4, Semester 2 (2002)
CLB306 Understanding Educational Practices
EDB433 Primary Professional Practice 4: Reflective Practice
KKB914 Visual and Performing Arts Curriculum 1
SPB002 Psychology of Learning and Teaching
Students with an approved LOTE background in their undergraduate degree who wish to undertake CLB334 Primary LOTE Curriculum Studies in place of CLB413 should contact the Student Affairs office on 3864 3847. CLB334 is offered internally in semester 2.

Transitional Course Structure for Continuing Students who commenced in 1999 - Major in Physics

Year 1, Semester 1
CLB342 Language and Mathematics Curriculum 1
MAB101 Statistical Data Analysis 1
PCB101 Physical Science

Year 2, Semester 1
MAB112 Mathematical Sciences 1C
CLB305 Education in Context

Year 2, Semester 2
EDB430 Primary Professional Practice 1: Classroom Management
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:
MAB613 Partial Differential Equations
MAB621 Discrete Mathematics
MAB623 Financial Mathematics
# 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
MAB524 Statistical Inference
MAB525 Operations Research 3A
MAB526 Statistical Science 3

Year 3, Semester 2 (2001)
CLB343 Language and Mathematics Curriculum 2
**UNIVERSITY-WIDE AND INTERFACULTY COURSES**

**Bachelor of Applied Science/Bachelor of Education (Secondary) (IF71)**

**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 Neville Bofinger (Science); Dr Gordon Tait (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.


**Science Component**  
The requirements of the IF71 course include the completion of 240 credit points of units offered by the Faculty of Science, meeting all of the requirements for the core and a major as specified for the SC01 program (details in the SC01 Enrolment Information and Guide) plus approved range of units suitable for Science Studies (or Mathematics Studies). 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. Completion of a major consists of passing units totalling at least 96 credit points from the second and third levels including a minimum of 48 credit points from the third level. In view of the sciences offered in Secondary Schools, the majors that are most relevant to students intending to follow career in Secondary School teaching are Chemistry, Ecology, Geoscience, Mathematics or Physics. (The Science component is completed in the first five semesters of the course together with four units in Education.)

**Full-time Course Structure**  
CLB305, SPB001, SPB002 and CLB341 must be completed in the first five semesters of the course.

**Course Structure - Major in Biochemistry**

**Year 1, Semester 1**  
LSB118 Life Science  
MAB101 Statistical Data Analysis 1  
PCB101 Physical Science  
PCB142 Chemistry 1  

**Year 1, Semester 2**  
CLB305 Education in Context  
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  
SPB001 Human Development and Education  

**Year 2, Semester 2**  
SPB002 Psychology of Learning and Teaching  
SCB202 Science, Technology and Society  
EITHER  
LSB408 Metabolism  
OR  
LSB497 Plant Molecular Biology  
LSB468 Molecular Biology  
LSB608 Protein Science  

**Year 3, Semester 1**  
CLB341 Language, Technology and Education  
LSB508 Advanced Metabolism  
LSB527 Biomedical Research Technologies  
EITHER  
LSB568 Electron Microscopy  
OR  
LSB537 Genetic Engineering  
PCB150 Physics 1H  

**Year 3, Semester 2**  
EDB450 Secondary Professional Practice 1: Classroom Management  
EDB451 Secondary Professional Practice 2: Curriculum Decision Making  
Curriculum Studies 1 (First Teaching Area)  
Curriculum Studies 1 (Second Teaching Area)  

**Year 4, Semester 1**  
CLB306 Understanding Educational Practices  
EDB452 Secondary Professional Practice 3: The Inclusive Curriculum  
Curriculum Studies 2 (First Teaching Area)  
Curriculum Studies 2 (Second Teaching Area)  

**Year 4, Semester 2**  
EDB453 Secondary Professional Practice 4: The Beginning Teacher  
Education Studies Elective (See List 5)  
Education Studies Elective (See List 5)  
Curriculum Studies Elective (See List 4)  

**Alternative Year 4, Semester 2: Middle Years Pathway**  
EDB443 Professional Internship of Associate Teaching  
SPB008 The Middle Years of Schooling  
SPB022 The Middle Years Curriculum
EDB453 Secondary Professional Practice 4: The Beginning Teacher

**Course Structure - Major in Biotechnology**

**Year 1, Semester 1**
- LSB118 Life Science
- MAB101 Statistical Data Analysis 1
- PCB101 Physical Science
- PCB142 Chemistry 1

**Year 1, Semester 2**
- CLB305 Education in Context
- 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
- SPB001 Human Development and Education

**Year 2, Semester 2**
- LSB408 Metabolism
- LSB408 Molecular Biology
- NRB230 Planet Earth
- SCB202 Science, Technology and Society
- SPB002 Psychology of Learning and Teaching

**Year 3, Semester 1**
- CLB341 Language, Technology and Education
- LSB357 Genetic Engineering
- LSB527 Biomedical Research Technologies
- LSB568 Electron Microscopy
- LSB509 Medical Biotechnology 1
- OR
- LSB577 Plant Biotechnology 1

**Year 3, Semester 2**
- EDB450 Secondary Professional Practice 1: Classroom Management
- EDB451 Secondary Professional Practice 2: Curriculum Decision Making
  - Curriculum Studies 1 (First Teaching Area)
  - Curriculum Studies 1 (Second Teaching Area)

**Year 4, Semester 1**
- CLB306 Understanding Educational Practices
- EDB452 Secondary Professional Practice 3: The Inclusive Curriculum
  - Curriculum Studies 2 (First Teaching Area)
  - Curriculum Studies 2 (Second Teaching Area)

**Year 4, Semester 2**
- EDB453 Secondary Professional Practice 4: The Beginning Teacher
  - Education Studies Elective (See List 3)
  - Education Studies Elective (See List 3)
  - Curriculum Studies Elective (See List 4)

**Alternative Year 4, Semester 2: Middle Years Pathway**
- CLB305 Education in Context
- NRB232 Environmental Geology
- NRB270 Animal and Plant Structure and Function
- NRB410 Genetics
- SCB222 Exploration of the Universe

**Course Structure - Major in Chemistry**

**Year 1, Semester 1**
- MAB100 Mathematical Sciences 1A
- MAB101 Statistical Data Analysis 1
- PCB101 Physical Science
- PCB142 Chemistry 1

**Year 1, Semester 2**
- CLB305 Education in Context
- PCB242 Chemistry 2
- PCB260 Physics 1A
- PCB434 Inorganic Chemistry
- SCB222 Exploration of the Universe

**Year 2, Semester 1**
- NRB100 Environmental Science
- PCB305 Principles of Physical Chemistry
- PCB354 Structure and Mechanism in Organic Chemistry
- PCB414 Industrial and Environmental Analytical Chemistry
- SPB001 Human Development and Education

**Year 2, Semester 2**
- NRB230 Planet Earth
- PCB444 Spectroscopy
- PCB634 Organometallic and Coordination Chemistry

**Year 3, Semester 1**
- PB202 Science, Technology and Society
- SPB002 Psychology of Learning and Teaching

**Year 3, Semester 2**
- CLB341 Language, Technology and Education
- PCB505 Advanced Physical Chemistry
- PCB554 Synthesis and Reactivity in Organic Chemistry
- LSB118 Life Science
- OR
- PCB514 Instrumental Analysis
- PCB584 Forensic Examination of Physical Evidence
- PCB604 Project

**Year 4, Semester 1**
- LSB572 Terrestrial Ecosystems
- NRB511 Population Genetics
- NRB510 Population Management
- NRB572 Terrestrial Ecosystems
- SPB001 Human Development and Education

**Year 4, Semester 2**
- LSB530 Planet Earth
- PCB505 Advanced Physical Chemistry
- PCB554 Synthesis and Reactivity in Organic Chemistry
- LSB118 Life Science
- OR
- PCB514 Instrumental Analysis
- PCB584 Forensic Examination of Physical Evidence
- PCB604 Project

**Course Structure - Major in Ecology**

**Year 1, Semester 1**
- LSB118 Life Science
- MAB101 Statistical Data Analysis 1
- NRB100 Environmental Science
- PCB101 Physical Science

**Year 1, Semester 2**
- CLB305 Education in Context
- NRB232 Environmental Geology
- NRB270 Animal and Plant Structure and Function
- NRB410 Genetics
- SCB222 Exploration of the Universe

**Year 2, Semester 1**
- NRB310 Population Ecology
- NRB312 Experimental Design
- NRB370 Invertebrate Biology
- NRB311 Population Genetics
- NRB370 Invertebrate Biology
- SPB001 Human Development and Education

**Year 2, Semester 2**
- NRB411 Ecological Methods
- NRB470 Vertebrate Biology
- NRB611 Conservation Biology
- SCB202 Science, Technology and Society
- SPB002 Psychology of Learning and Teaching

**Year 3, Semester 1**
- CLB341 Language, Technology and Education
- NRB510 Population Genetics
- NRB511 Population Management
- NRB572 Terrestrial Ecosystems
- Science elective

**Year 3, Semester 2**
- EDB450 Secondary Professional Practice 1: Classroom Management
- EDB451 Secondary Professional Practice 2: Curriculum Decision Making
  - Curriculum Studies 1 (First Teaching Area)
  - Curriculum Studies 1 (Second Teaching Area)

**Year 4, Semester 1**
- CLB306 Understanding Educational Practices
- EDB452 Secondary Professional Practice 3: The Inclusive Curriculum
  - Curriculum Studies 2 (First Teaching Area)
  - Curriculum Studies 2 (Second Teaching Area)

**Year 4, Semester 2**
- EDB453 Secondary Professional Practice 4: The Beginning Teacher
  - Education Studies Elective (See List 3)
  - Education Studies Elective (See List 3)
  - Curriculum Studies Elective (See List 4)
Alternative Year 4, Semester 2: Middle Years Pathway
EDB443 Professional Internship of Associate Teaching
SPB008 The Middle Years of Schooling
SPB022 The Middle Years Curriculum
EDB453 Secondary Professional Practice 4: The Beginning Teacher

Course Structure - Major in Environmental Science
Year 1, Semester 1
LSB118 Life Science
MAB101 Statistical Data Analysis 1
NBR100 Environmental Science
PCB101 Physical Science

Year 1, Semester 2
CLB305 Education in Context
NBR232 Environmental Geology
PCB142 Chemistry 1
SCB202 Science, Technology and Society
SCB222 Exploration of the Universe

Year 2, Semester 1
SPB001 Human Development and Education
NBR300 Environmental Monitoring
NBR311 Population Ecology
Two elective Science units - recommended units are:
MAB100 Mathematical Sciences 1A
NBR370 Invertebrate Biology
NBR371 Plant Biology
ITB843 Computing Applications

Year 2, Semester 2
LEB336 Psychology of Learning and Teaching
NBR400 Environmental Systems
NBR440 Environmental Chemistry
NBR600 Issues in Environmental Management
NBR633 Hydrogeology

Year 3, Semester 1
CLB341 Language, Technology and Education
NBR500 Environmental Modelling
NBR501 Mapping and Modelling of Natural Resource Data
One Science elective unit, taken from the group in year 2 semester 1 (above), plus
NBR572 Terrestrial Ecosystems

Year 3, Semester 2
EDB450 Secondary Professional Practice 1: Classroom Management
EDB451 Secondary Professional Practice 2: Curriculum Decision Making
Curriculum Studies 1 (First Teaching Area)
Curriculum Studies 1 (Second Teaching Area)

Year 4, Semester 1
CLB306 Understanding Educational Practices
EDB452 Secondary Professional Practice 3: The Inclusive Curriculum
Curriculum Studies 2 (First Teaching Area)
Curriculum Studies 2 (Second Teaching Area)

Year 4, Semester 2
EDB453 Secondary Professional Practice 4: The Beginning Teacher
Education Studies Elective (See List 3)
Education Studies Elective (See List 3)
Curriculum Studies Elective (See List 4)

Alternative Year 4, Semester 2: Middle Years Pathway
EDB443 Professional Internship of Associate Teaching
SPB008 The Middle Years of Schooling
SPB022 The Middle Years Curriculum
EDB453 Secondary Professional Practice 4: The Beginning Teacher

Course Structure - Major in Mathematics (WITH Maths C)
Year 1, Semester 1
MAB101 Statistical Data Analysis 1
MAB111 Mathematical Sciences 1B
MAB112 Mathematical Sciences 1C
PCB101 Physical Science

Year 1, Semester 2
CLB305 Education in Context
MAB210 Statistical Modelling 1
MAB220 Computational Mathematics 1
SCB202 Science, Technology and Society
SCB222 Exploration of the Universe

Year 2, Semester 1
SPB001 Human Development and Education
PCB142 Chemistry 1

Year 2, Semester 2
MAB311 Advanced Calculus
MAB312 Linear Algebra
MAB313 Mathematics of Finance
MAB314 Statistical Modelling 2
MAB315 Operations Research 2

Year 3, Semester 1
SPB002 Psychology of Learning and Teaching
Two Level 2 Mathematics units * - available units are:
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
* Students must complete at least one of MAB311, MAB312, MAB413

Year 1, Semester 1
CLB341 Language, Technology and Education
LSB118 Life Science
PCB107 Physics and Quantitative Techniques

Year 2, Semester 2
MAB100 Mathematical Sciences 1A
MAB101 Statistical Data Analysis 1
NBR100 Environmental Science
PCB101 Physical Science

Year 1, Semester 2
CLB305 Education in Context
NBR232 Environmental Geology
PCB142 Chemistry 1
SCB202 Science, Technology and Society
SCB222 Exploration of the Universe

Year 2, Semester 1
NBR300 Environmental Monitoring
NBR331 Sedimentary Geology
NBR333 Mineralogy
NBR334 Mineral Deposits and Mine Geology

SPB001 Human Development and Education

Year 2, Semester 2
SPB002 Psychology of Learning and Teaching
NBR434 Structural Geology and Field Methods
NBR436 Introduction to Igneous and Metamorphic Petrology
NBR633 Hydrogeology
One unit from
NBR440 Environmental Chemistry
NBR435 Ore Genesis

Year 3, Semester 1
CLB341 Language, Technology and Education
LSB118 Life Science
NBR533 Advanced Geological Mapping
NBR534 Geophysics
NBR536 Petrology and Geochemistry
The major component in assessment and teaching of NBR533 is conducted as a field program during July.

Year 3, Semester 2
EDB450 Secondary Professional Practice 1: Classroom Management
EDB451 Secondary Professional Practice 2: Curriculum Decision Making
Curriculum Studies 1 (First Teaching Area)
Curriculum Studies 1 (Second Teaching Area)

Year 4, Semester 1
CLB306 Understanding Educational Practices
EDB452 Secondary Professional Practice 3: The Inclusive Curriculum
Curriculum Studies 2 (First Teaching Area)
Curriculum Studies 2 (Second Teaching Area)

Year 4, Semester 2
EDB453 Secondary Professional Practice 4: The Beginning Teacher
Education Studies Elective (See List 3)
Education Studies Elective (See List 3)
Curriculum Studies Elective (See List 4)

Alternative Year 4, Semester 2: Middle Years Pathway
EDB443 Professional Internship of Associate Teaching
SPB008 The Middle Years of Schooling
SPB022 The Middle Years Curriculum
EDB453 Secondary Professional Practice 4: The Beginning Teacher

Course Structure - Major in Geology
Year 1, Semester 1
MAB100 Mathematical Sciences 1A
MAB101 Statistical Data Analysis 1
NBR100 Environmental Science
PCB101 Physical Science

Year 1, Semester 2
CLB305 Education in Context
NBR230 Planet Earth
PCB142 Chemistry 1
SCB202 Science, Technology and Society
SCB222 Exploration of the Universe

Year 2, Semester 1
NBR300 Environmental Monitoring
NBR331 Sedimentary Geology
NBR333 Mineralogy
NBR334 Mineral Deposits and Mine Geology

SPB001 Human Development and Education

Year 2, Semester 2
SPB002 Psychology of Learning and Teaching
NBR434 Structural Geology and Field Methods
NBR436 Introduction to Igneous and Metamorphic Petrology
NBR633 Hydrogeology
One unit from
NBR440 Environmental Chemistry
NBR435 Ore Genesis

Year 3, Semester 1
CLB341 Language, Technology and Education
LSB118 Life Science
NBR533 Advanced Geological Mapping
NBR534 Geophysics
NBR536 Petrology and Geochemistry
The major component in assessment and teaching of NBR533 is conducted as a field program during July.

Year 3, Semester 2
EDB450 Secondary Professional Practice 1: Classroom Management
EDB451 Secondary Professional Practice 2: Curriculum Decision Making
Curriculum Studies 1 (First Teaching Area)
Curriculum Studies 1 (Second Teaching Area)

Year 4, Semester 1
CLB306 Understanding Educational Practices
EDB452 Secondary Professional Practice 3: The Inclusive Curriculum
Curriculum Studies 2 (First Teaching Area)
Curriculum Studies 2 (Second Teaching Area)

Year 4, Semester 2
EDB453 Secondary Professional Practice 4: The Beginning Teacher
Education Studies Elective (See List 3)
Education Studies Elective (See List 3)
Curriculum Studies Elective (See List 4)
UNIVERSITY-WIDE AND INTERFACULTY COURSES

MAB521 Applied Mathematics 3
MAB522 Computational Mathematics 3
MAB523 Introduction to Quality Management
MAB524 Statistical Inference
MAB525 Operations Research 3A
MAB672 Advanced Mathematical Modelling

Year 3, Semester 2
EDB450 Secondary Professional Practice 1: Classroom Management
EDB451 Secondary Professional Practice 2: Curriculum Decision
Making
Curriculum Studies 1 (First Teaching Area)
Curriculum Studies 1 (Second Teaching Area)

Year 4, Semester 1
CLB306 Understanding Educational Practices
EDB452 Secondary Professional Practice 3: The Inclusive Curriculum
Curriculum Studies 2 (First Teaching Area)
Curriculum Studies 2 (Second Teaching Area)

Year 4, Semester 2
EDB453 Secondary Professional Practice 4: The Beginning Teacher
Education Studies Elective (See List 3)
Education Studies Elective (See List 3)
Curriculum Studies Elective (See List 4)

Alternative Year 4, Semester 2: Middle Years Pathway
EDB443 Professional Internship of Associate Teaching
SPB008 The Middle Years of Schooling
SPB022 The Middle Years Curriculum
EDB453 Secondary Professional Practice 4: The Beginning Teacher

Course Structure - Major in Mathematics (WITHOUT Maths C)
Year 1, Semester 1
MAB100 Mathematical Sciences 1A
MAB101 Statistical Data Analysis 1
MAB111 Mathematical Sciences 1B
PCB101 Physical Science

Year 1, Semester 2
CLB305 Education in Context
MAB112 Mathematical Sciences 1C
MAB210 Statistical Modelling 1
SCB202 Science, Technology and Society
SCB222 Exploration of the Universe

Year 2, Semester 1
LEB335 Human Development and Education
MAB311 Advanced Calculus
MAB312 Linear Algebra
MAB313 Mathematics of Finance
PCB142 Chemistry 1

Year 2, Semester 2
LEB336 Psychology of Learning and Teaching
MAB220 Computational Mathematics 1
MAB315 Operations Research 2
MAB621 Discrete Mathematics
MAB623 Financial Mathematics

Year 3, Semester 1
CLB341 Language, Technology and Education
LSB118 Life Science
MAB523 Introduction to Quality Management
MAB525 Operations Research 3A
PCB107 Physics and Quantitative Techniques

Year 3, Semester 2
EDB450 Secondary Professional Practice 1: Classroom Management
EDB451 Secondary Professional Practice 2: Curriculum Decision
Making
Curriculum Studies 1 (First Teaching Area)
Curriculum Studies 1 (Second Teaching Area)

Year 4, Semester 1
CLB306 Understanding Educational Practices
EDB452 Secondary Professional Practice 3: The Inclusive Curriculum
Curriculum Studies 2 (First Teaching Area)
Curriculum Studies 2 (Second Teaching Area)

Year 4, Semester 2
EDB453 Secondary Professional Practice 4: The Beginning Teacher
Education Studies Elective (See List 3)
Education Studies Elective (See List 3)
Curriculum Studies Elective (See List 4)

Alternative Year 4, Semester 2: Middle Years Pathway
EDB443 Professional Internship of Associate Teaching
SPB008 The Middle Years of Schooling
SPB022 The Middle Years Curriculum
EDB453 Secondary Professional Practice 4: The Beginning Teacher

Course Structure - Major in Physics
Year 1, Semester 1
PCB101 Physical Science
PCB107 Physics and Quantitative Techniques
NRR100 Environmental Science

Year 1, Semester 2
CLB305 Education in Context
LSB238 Cell and Molecular Biology 1
NRR270 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
NRR100 Environmental Science
SPB001 Human Development and Education

Year 2, Semester 2
LSB408 Metabolism
LSB428 Microbiology 2
NRR230 Plant Earth
SCB202 Science, Technology and Society
SPB002 Psychology of Learning and Teaching

Year 3, Semester 1
CLB341 Language, Technology and Education
LSB528 Environmental Microbiology
LSB547 Bacterial Pathogenesis
LSB568 Electron Microscopy
LSB578 Virology

Year 3, Semester 2
EDB450 Secondary Professional Practice 1: Classroom Management
EDB451 Secondary Professional Practice 2: Curriculum Decision
Making
Curriculum Studies 1 (First Teaching Area)
Curriculum Studies 1 (Second Teaching Area)

Year 4, Semester 1
CLB306 Understanding Educational Practices
EDB452 Secondary Professional Practice 3: The Inclusive Curriculum
Curriculum Studies 2 (First Teaching Area)
Curriculum Studies 2 (Second Teaching Area)

Year 4, Semester 2
EDB453 Secondary Professional Practice 4: The Beginning Teacher
Education Studies Elective (See List 3)
Education Studies Elective (See List 3)
Curriculum Studies Elective (See List 4)

Alternative Year 4, Semester 2: Middle Years Pathway
EDB443 Professional Internship of Associate Teaching
SPB008 The Middle Years of Schooling
SPB022 The Middle Years Curriculum
EDB453 Secondary Professional Practice 4: The Beginning Teacher

Course Structure - Major in Mathematics (WITHOUT Maths C)
Year 1, Semester 1
MAB100 Mathematical Sciences 1A
MAB101 Statistical Data Analysis 1
MAB111 Mathematical Sciences 1B
PCB101 Physical Science

Year 1, Semester 2
CLB305 Education in Context
MAB112 Mathematical Sciences 1C
MAB210 Statistical Modelling 1
SCB202 Science, Technology and Society
SCB222 Exploration of the Universe

Year 2, Semester 1
LEB335 Human Development and Education
MAB311 Advanced Calculus
MAB312 Linear Algebra
MAB313 Mathematics of Finance
PCB142 Chemistry 1

Year 2, Semester 2
LEB336 Psychology of Learning and Teaching
MAB220 Computational Mathematics 1
MAB315 Operations Research 2
MAB621 Discrete Mathematics
MAB623 Financial Mathematics

Year 3, Semester 1
CLB341 Language, Technology and Education
LSB118 Life Science
MAB523 Introduction to Quality Management
MAB525 Operations Research 3A
PCB107 Physics and Quantitative Techniques

Year 3, Semester 2
EDB450 Secondary Professional Practice 1: Classroom Management
EDB451 Secondary Professional Practice 2: Curriculum Decision
Making
Curriculum Studies 1 (First Teaching Area)
Curriculum Studies 1 (Second Teaching Area)

Year 4, Semester 1
CLB306 Understanding Educational Practices
EDB452 Secondary Professional Practice 3: The Inclusive Curriculum
Curriculum Studies 2 (First Teaching Area)
Curriculum Studies 2 (Second Teaching Area)

Year 4, Semester 2
EDB453 Secondary Professional Practice 4: The Beginning Teacher
Education Studies Elective (See List 3)
Education Studies Elective (See List 3)
Curriculum Studies Elective (See List 4)

Alternative Year 4, Semester 2: Middle Years Pathway
EDB443 Professional Internship of Associate Teaching
SPB008 The Middle Years of Schooling
SPB022 The Middle Years Curriculum
EDB453 Secondary Professional Practice 4: The Beginning Teacher
**UNIVERSITY-WIDE AND INTERFACULTY COURSES**

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<td>Science, Technology and Society</td>
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<td>SPB002</td>
<td>Psychology of Learning and Teaching</td>
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<td>Language, Technology and Education</td>
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<td>LSB118</td>
<td>Life Science</td>
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<td>PCB561</td>
<td>Quantum and Condensed Matter Physics</td>
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<td>PCB562</td>
<td>Physical Methods of Analysis</td>
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<tr>
<td>PCB661</td>
<td>Experimental Physics</td>
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</tbody>
</table>

**Year 3, Semester 2**

- EDB450  Secondary Professional Practice 1: Classroom Management
- EDB451  Secondary Professional Practice 2: Curriculum Decision
  - Making
  - Curriculum Studies 1 (First Teaching Area)
  - Curriculum Studies 1 (Second Teaching Area)

**Year 4, Semester 1**

- CLB306  Understanding Educational Practices
- EDB452  Secondary Professional Practice 3: The Inclusive Curriculum
  - Curriculum Studies 2 (First Teaching Area)
  - Curriculum Studies 2 (Second Teaching Area)

**Year 4, Semester 2**

- EDB453  Secondary Professional Practice 4: The Beginning Teacher
  - Education Studies Elective (See List 3)

**Alternative Year 4, Semester 2: Middle Years Pathway**

- EDB443  Professional Internship of Associate Teaching
- SPB008  The Middle Years of Schooling
- SPB022  The Middle Years Curriculum
- EDB453  Secondary Professional Practice 4: The Beginning Teacher

**Education Component**

**Course Structure**

- CLB305, SPB001, SPB002 and CLB341 must be completed in the first five semesters of the course.

**Year 3, Semester 2**

- EDB450  Secondary Professional Practice 1: Classroom Management
- EDB451  Secondary Professional Practice 2: Curriculum Decision
  - Making
  - Curriculum Studies 1 (First Teaching Area)
  - Curriculum Studies 1 (Second Teaching Area)

**Year 4, Semester 1**

- CLB306  Understanding Educational Practices
- EDB452  Secondary Professional Practice 3: The Inclusive Curriculum
  - Curriculum Studies 2 (First Teaching Area)
  - Curriculum Studies 2 (Second Teaching Area)

**Year 4, Semester 2**

- EDB453  Secondary Professional Practice 4: The Beginning Teacher
  - Education Studies Elective (See List 3)
  - Education Studies Elective (See List 3)
  - Curriculum Studies Elective (See List 4)

**Alternative Year 4, Semester 2: Middle Years Pathway**

- EDB443  Professional Internship of Associate Teaching
- SPB008  The Middle Years of Schooling
- SPB022  The Middle Years Curriculum
- EDB453  Secondary Professional Practice 4: The Beginning Teacher

**Curriculum Studies 1**

**List 1**

- MDB325  Biology Curriculum Studies 1
- MDB327  Chemistry Curriculum Studies 1
- MDB331  Earth Science Curriculum Studies 1
- MDB333  Mathematics Curriculum Studies 1
- MDB335  Physics Curriculum Studies 1
- MDB337  Science Curriculum Studies 1

**Curriculum Studies 2**

**List 2**

- MDB326  Biology Curriculum Studies 2
- MDB328  Chemistry Curriculum Studies 2
- MDB332  Earth Science Curriculum Studies 2
- MDB334  Mathematics Curriculum Studies 2
- MDB336  Physics Curriculum Studies 2
- MDB338  Science Curriculum Studies 2

**Education Studies Elective Units**

**List 3**

See Bachelor of Arts/Bachelor of Education (Secondary) in this section.
Course Structure - Major in Biotechnology (Medical Strand)

Year 1, Semester 1
ITB225 Introduction to Databases
ITB410 Software Development 1
LSB118 Life Science
PCB101 Physical Science

Year 1, Semester 2
ITB107 Programming Laboratory
ITB411 Software Development 2
ITB510 Data Communications
LSB238 Cell and Molecular Biology 1
NBR270 Animal and Plant Structure and Function

Year 2, Semester 1
ITB412 Technology of Information Systems
ITB421 Software Development 3
ITB524 Internetworking
LSB142 Human Anatomy and Physiology
PCB142 Chemistry 1

Year 2, Semester 2
ITB529 Network Services
ITB527 Network Technologies
MAB101 Statistical Data Analysis 1
PCB142 Chemistry 2

Year 3, Semester 1
ITB432 Advanced Programming Laboratory
LSB537 Genetic Engineering
LSB598 Molecular Pathogenesis 1
IT Specialisation Unit selected from List 1

Year 3, Semester 2
ITB420 Computer Architecture
PCB305 Principles of Physical Chemistry
PCB354 Structure and Mechanism in Organic Chemistry
IT Specialisation Unit selected from List 1

Year 4, Semester 1
ITB432 Advanced Programming Laboratory
PCB505 Advanced Physical Chemistry
PCB554 Synthesis and Reactivity in Organic Chemistry
IT Specialisation Unit selected from List 1

Year 4, Semester 2
ITB529 Network Services
ITB527 Network Technologies
LSB238 Cell and Molecular Biology 2
NBR270 Animal and Plant Structure and Function

Course Structure - Major in Ecology

Year 1, Semester 1
ITB225 Introduction to Databases
ITB410 Software Development 1
NBR100 Environmental Science
PCB101 Physical Science

Year 1, Semester 2
ITB107 Programming Laboratory
ITB411 Software Development 2
ITB510 Data Communications
LSB118 Life Science
NBR200 Environment of South East Queensland

Year 2, Semester 1
ITB412 Technology of Information Systems
ITB421 Software Development 3
ITB524 Internetworking
MAB101 Statistical Data Analysis 1
PCB142 Chemistry 1

Year 2, Semester 2
ITB529 Network Services
ITB527 Network Technologies
LSB238 Cell and Molecular Biology 1
NBR270 Animal and Plant Structure and Function

Year 3, Semester 1
ITB432 Advanced Programming Laboratory
NBR510 Population Genetics
NBR511 Population Management
IT Specialisation Unit selected from List 1

Year 3, Semester 2
NBR610 Ecological Applications
NBR611 Conservation Biology
IT Specialisation Unit selected from List 1

Course Structure - Major in Environmental Science (Chemistry Strand)

Year 1, Semester 1
ITB225 Introduction to Databases
ITB410 Software Development 1
NBR100 Environmental Science
PCB101 Physical Science

Year 1, Semester 2
ITB107 Programming Laboratory
ITB411 Software Development 2
ITB510 Data Communications
NBR200 Environment of South East Queensland
PCB142 Chemistry 1

Year 2, Semester 1
ITB412 Technology of Information Systems
ITB421 Software Development 3
ITB524 Internetworking
MAB100 Mathematical Sciences 1A
PCB242 Chemistry 2

Year 2, Semester 2
ITB529 Network Services
ITB527 Network Technologies
NBR200 Environmental Science
MAB101 Statistical Data Analysis 1
NBR440 Environmental Chemistry
UNIVERSITY-WIDE AND INTERFACULTY COURSES

Year 3, Semester 1
ITB420 Computer Architecture
NRB300 Environmental Monitoring
PCB305 Principles of Physical Chemistry
IT Specialisation Unit selected from List 1

Year 3, Semester 2
ITB424 Software Engineering Principles
ITB448 Object Technology
NRB400 Environmental Systems
PCB414 Industrial and Environmental Analytical Chemistry

Year 4, Semester 1
ITB432 Advanced Programming Laboratory
NRB500 Environmental Modelling
NRB514 Instrumental Analysis
IT Specialisation Unit selected from List 1

Year 4, Semester 2
NRB600 Issues in Environmental Management
NRB640 Physical Chemistry of the Environment
IT Specialisation Unit selected from List 1

Course Structure - Major in Environmental Science (Ecology Strand)

Year 1, Semester 1
ITB225 Introduction to Databases
ITB410 Software Development 1
NRB100 Environmental Science
PCB101 Physical Science

Year 2, Semester 1
ITB412 Technology of Information Systems
ITB421 Software Development 3
ITB524 Internetworking
LSB118 Life Science
PCB142 Chemistry 1

Year 2, Semester 2
ITB529 Network Services
ITB527 Network Technologies
MAB101 Statistical Data Analysis 1
NRB270 Animal and Plant Structure and Function

Year 3, Semester 1
ITB420 Computer Architecture
NRB300 Environmental Monitoring
NRB311 Sedimentary Geology
IT Specialisation Unit selected from List 1

Year 3, Semester 2
ITB424 Software Engineering Principles
ITB448 Object Technology
NRB431 Geological Field Methods
IT Specialisation Unit selected from List 1

Year 4, Semester 1
ITB432 Advanced Programming Laboratory
ITB5xx IT Specialisation Unit selected from List 1
Level 3 Geoscience unit
Level 3 Geoscience unit

Year 4, Semester 2
ITB529 Network Services
ITB527 Network Technologies
MAB100 Mathematical Sciences 1A
PCB412 Chemistry 1

Course Structure - Major in Geoscience

Year 1, Semester 1
ITB225 Introduction to Databases
ITB410 Software Development 1
MAB100 Mathematical Sciences 1A
PCB101 Physical Science

Year 2, Semester 1
ITB420 Computer Architecture
NRB500 Environmental Modelling
NRB514 Instrumental Analysis
IT Specialisation Unit selected from List 1

Year 2, Semester 2
ITB424 Software Engineering Principles
ITB448 Object Technology
NRB431 Geological Field Methods
IT Specialisation Unit selected from List 1

Year 3, Semester 1
ITB432 Advanced Programming Laboratory
NRB528 Environmental Microbiology
LSB578 Virology
IT Specialisation Unit selected from List 1

Year 3, Semester 2
ITB448 Object Technology
LSB408 Metabolism
LSB428 Microbiology 2

Year 4, Semester 1
ITB432 Advanced Programming Laboratory
LSB528 Environmental Microbiology
LSB578 Virology
IT Specialisation Unit selected from List 1

Year 4, Semester 2
LSB628 Food Microbiology
LSB648 Molecular Microbiology
IT Specialisation Unit selected from List 1
IT Specialisation Unit selected from List 1

Course Structure - Major in Physics

Year 1, Semester 1
ITB225 Introduction to Databases
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
Standard credit points per semester (full-time): 60 (years 1 and 4), 48 (years 2, 3 and 5)
Course coordinator: Science: Dr Neville Bofinger; Law: Director, Undergraduate Programs

Course Design
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 course (SC01). 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
On graduation, students will have satisfied the academic requirements for admission to practice as a barrister or solicitor in all states and territories of Australia. Scientific professional bodies that are relevant to the double degree are listed under the entry for the Bachelor of Applied Science course (SC01). Eligibility for membership depends on the major students undertake.

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 I
PCB101 Physical Science
Students who have an SA or better in Senior Chemistry may replace PCB101 with PCB142 and in semester 2, may replace PCB142 with PCB242.

# Introduction to Legal Research is a two hour lecture conducted in the first week only of Semester 1 2002. It is designed to introduce students to the basics of legal research and provide an orientation to the 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.

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
PCB142 Chemistry 1

Year 2, Semester 1
LSB308 Biochemistry
LSB338 Cell and Molecular Biology 2
LWB136 Contracts A
PCB242 Chemistry 2
Students who have previously completed PCB242 may replace this with a Science elective

Year 2, Semester 2
LSB258 Human Anatomy and 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

List 1: Information Technology Specialisation Units
Select four units from the following list of units:

Computing Science
IBT427 Concurrent and Distributed Systems
IBT433 Programming Languages
IBT441 Graphics
IBT442 Foundations of Artificial Intelligence
IBT447 Parallel Computing
IBT454 Parallel Computing
IBT456 Graphic User Interfaces
IBT457 Windows Programming
IBT458 Java and Extensible Programming
IBT461 Foundations of Neurocomputing
IBT463 Pattern Recognition
IBT464 Modern Compiler Construction
IBT466 Component Technology
IBT468 Software Engineering Project
IBT469 Unix System Programming and Administration
IBT470 Windows 2000 System Programming and Administration
IBT471 Software Development for the Web

Data Communications
IBT523 Data Security
IBT525 Network Administration
IBT533 Comparative Network Systems
IBT549 Error Control and Data Compression
IBT551 Network Planning
IBT564 Application Services
IBT565 Network Management
IBT566 Introduction to Cryptology
IBT568 Wireless Networks
IBT569 Network Security for E-Commerce
IBT576 Data Communications Project I

Note: All Information Technology units have 3 contact hours per week
### Year 1, Semester 1

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<tr>
<td>LWB231</td>
<td>Introduction to Public Law</td>
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<td>LWB236</td>
<td>Real Property A</td>
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<tr>
<td>LWB240</td>
<td>Principles of Equity</td>
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<tr>
<td>LWB332</td>
<td>Commercial and Personal Property Law</td>
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<td>LWB333</td>
<td>Theories of Law</td>
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### Year 2, Semester 2

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<td>LWB241</td>
<td>Trusts</td>
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<td>LWB331</td>
<td>Administrative Law</td>
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<td>LWB334</td>
<td>Corporate Law</td>
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### Year 5, Semester 1

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<td>LWB432</td>
<td>Evidence</td>
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<td>LWB434</td>
<td>Advanced Research and Legal Reasoning</td>
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### Year 5, Semester 2

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### Course Structure - Major in Biotechnology (Medical Strand)

#### Year 1, Semester 1

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<td>LWB142</td>
<td>Law, Society and Justice</td>
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<tr>
<td>MAB101</td>
<td>Statistical Data Analysis 1</td>
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<td>PCB101</td>
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#### Year 2, Semester 1

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>LFB238</td>
<td>Cell and Molecular Biology 1</td>
</tr>
<tr>
<td>LWB143</td>
<td>Legal Research and Writing</td>
</tr>
<tr>
<td>LWB144</td>
<td>Laws and Global Perspectives</td>
</tr>
<tr>
<td>NRB270</td>
<td>Animal and Plant Structure and Function</td>
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<tr>
<td>PCB142</td>
<td>Chemistry 1</td>
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#### Year 3, Semester 1

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<tr>
<td>LSB308</td>
<td>Biochemistry</td>
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<tr>
<td>LSB338</td>
<td>Cell and Molecular Biology 2</td>
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<tr>
<td>LWB136</td>
<td>Contracts A</td>
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#### Year 4, Semester 1

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<tr>
<td>LSB238</td>
<td>Plant Biotechnology 2</td>
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<td>LSB239</td>
<td>Criminal Responsibility</td>
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#### Year 4, Semester 2

<table>
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<tr>
<th>Course Code</th>
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<tr>
<td>LWB231</td>
<td>Introduction to Public Law</td>
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<tr>
<td>LWB236</td>
<td>Real Property A</td>
</tr>
<tr>
<td>LWB240</td>
<td>Principles of Equity</td>
</tr>
<tr>
<td>LWB332</td>
<td>Commercial and Personal Property Law</td>
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<tr>
<td>LWB333</td>
<td>Theories of Law</td>
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#### Year 5, Semester 1

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<tr>
<td>LWB431</td>
<td>Civil Procedure</td>
</tr>
<tr>
<td>LWB432</td>
<td>Evidence</td>
</tr>
</tbody>
</table>

### University-Wide and Interfaculty Courses

#### Year 1, Semester 1

- Introduction to Legal Research
- Enhanced Learning Environment
- Legal Institutions and Method
- Statistical Data Analysis 1
- Physical Science

#### Year 2, Semester 1

- Cell and Molecular Biology 1
- Legal Research and Writing
- Laws and Global Perspectives

#### Year 3, Semester 1

- Cell and Molecular Biology 2
- Contracts A
- Science elective

#### Year 4, Semester 1

- Medical Biotechnology 2
- Genetic Engineering

#### Year 5, Semester 1

- Introduction to Public Law
- Real Property A
- Principles of Equity
- Commercial and Personal Property Law
- Theories of Law

#### Course Structure - Major in Biotechnology (Plant Biotechnology Strand)

#### Year 1, Semester 1

- Introduction to Legal Research
- Life Science
- Legal Institutions and Method
- Law, Society and Justice
- Statistical Data Analysis 1
- Physical Science

#### Year 2, Semester 1

- Cell and Molecular Biology 1
- Legal Research and Writing
- Laws and Global Perspectives
- Animal and Plant Structure and Function
- Chemistry 1

#### Year 3, Semester 1

- Plant Biotechnology 2
- Contracts B
- Science elective

#### Year 4, Semester 1

- Introduction to Public Law
- Real Property A
- Principles of Equity
- Commercial and Personal Property Law
- Theories of Law

#### Year 5, Semester 1

- Civil Procedure
- Evidence
**Course Structure - Major in Chemistry**

**Year 1, Semester 1**
- LWB141 Introduction to Legal Research
- 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 Structure and Mechanism in Organic Chemistry

**Year 3, Semester 1**
- LWB138 Fundamentals of Torts
- LWB239 Criminal Responsibility
- PCB634 Organometallic and Coordination Chemistry
- PCB644 Frontiers in Chemistry

**Year 4, Semester 1**
- LWB235 Australian Federal Constitutional Law
- LWB237 Real Property B
- LWB241 Trusts
- LWB333 Theories of Law

**Year 5, Semester 1**
- LWB334 Corporate Law
- LWB431 Civil Procedure
- LWB432 Evidence
- LWB433 Professional Responsibility

**Course Structure - Major in Environmental Science**

**Year 1, Semester 1**
- LWB141 Introduction to Legal Research
- LWB143 Legal Institutions and Method
- LWB142 Law, Society and Justice
- NRB100 Environmental Science
- PCB101 Physical Science

**Year 2, Semester 1**
- LWB143 Legal Research and Writing
- LWB144 Laws and Global Perspectives
- MAB101 Statistical Data Analysis 1
- NRB270 Animal and Plant Structure and Function

**Year 3, Semester 1**
- LWB138 Fundamentals of Torts
- LWB238 Fundamentals of Criminal Law
- NRB510 Population Genetics
- NRB511 Population Management

**Year 4, Semester 1**
- LWB235 Australian Federal Constitutional Law
- LWB237 Real Property B
- LWB241 Trusts
- LWB334 Corporate Law

**Year 5, Semester 1**
- LWB334 Corporate Law
- LWB433 Professional Responsibility

**Course Structure - Major in Ecology**

**Year 1, Semester 1**
- Introduction to Legal Research
Law Library. Students will be expected to undertake a library exercise in the basics of legal research and provide an orientation to the use of the "NRB433 Structural Geology and Field Methods"

Year 2, Semester 2
- LWB136 Contracts A
- NRB300 Environmental Monitoring
- NRB633 Hydrogeology
  One unit selected from:
  - NRB311 Population Ecology
  - NRB370 Invertebrate Biology
  - NRB371 Plant Physiology

Year 2, Semester 2
- LWB137 Contracts B
- NRB400 Environmental Systems
- NRB440 Environmental Chemistry
  Elective Science Unit

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 #
  # 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 Law elective units.

Course Structure - Major in Geology

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

  # Introduction to Legal Research is a two hour lecture conducted in the first week only of Semester 1 2002. It is designed to introduce students to the basics of legal research and provide an orientation to the 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.

Year 1, Semester 2
- Legal Research and Writing
  - LWB143 Legal Research and Writing
  - LWB144 Laws and Global Perspectives
  - MAB101 Statistical Data Analysis 1
  - NRB230 Planet Earth
  - PCB142 Chemistry 1

Year 2, Semester 1
- LWB136 Contracts A
- NRB331 Sedimentary Geology
- NRB333 Mineralogy
- NRB334 Mineral Deposits and Mine Geology

Year 2, Semester 2
- LWB137 Contracts B
- NRB434 Structural Geology and Field Methods
- NRB436 Introduction to Igneous and Metamorphic Petrology

Year 2, Semester 1
- LWB138 Fundamentals of Torts
- LWB238 Fundamentals of Criminal Law
- NRB333 Advanced Geological Mapping
- NRB334 Geophysics
- NRB536 Petrology and Geochemistry

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:
  - NRB630 Exploration Geology
  - NRB633 Hydrogeology
  - NRB635 Plate Tectonics and Advanced Structural Geology
  - NB636 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

  # Introduction to Legal Research is a two hour lecture conducted in the first week only of Semester 1 2002. It is designed to introduce students to the basics of legal research and provide an orientation to the 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.

Year 1, Semester 2
- Legal Research and Writing
  - LWB143 Legal Research and Writing
  - LWB144 Laws and Global Perspectives
  - MAB210 Statistical Modelling 1
  - MAB220 Computational Mathematics 1

  Level 1 Science elective

Year 2, Semester 1
- LWB136 Contracts A
  Three Level 2 Mathematics units # - available units are:
  - MAB311 Advanced Calculus
  - MAB312 Linear Algebra
  - MAB313 Mathematics of Finance
  - MAB314 Statistical Modelling 2

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
University-wide and Interfaculty Courses

Course Structure - Major in Mathematics [WITHOUT Mathematics C from Senior]

Year 1, Semester 1
LWB141 Legal Institutions and Method
LWB142 Law, Society and Justice
MAB100 Mathematical Sciences 1A
MAB101 Statistical Data Analysis 1
Introduction to Legal Research is a two hour lecture conducted in the first week only of Semester 1 2002. It is designed to introduce students to the basics of legal research and provide an orientation to the 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.

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
Three Level 2 Mathematics units # - available units are:
MAB311 Advanced Calculus
MAB312 Linear Algebra
MAB313 Mathematics of Finance
MAB314 Statistical Modelling 2

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
MAB524 Statistical Inference
MAB525 Operations Research 3A
MAB672 Advanced Mathematical Modelling

Year 3, Semester 2
LWB139 Select Issues in Torts
LWB239 Criminal Responsibility
Two Level 3 Mathematics units - available units are:
MAB526 Statistical Science 3
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
LWB431 Civil Procedure
LWB432 Evidence
LWB434 Advanced Research and Legal Reasoning
Elective Units #

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
LSB118 Life Science
LWB141 Legal Institutions and Method
LWB142 Law, Society and Justice
MAB101 Statistical Data Analysis 1
PCB101 Physical Science
Students who have an SA or better in Senior Chemistry may replace PCB101 with PCB142 and in semester 2, may replace PCB142 with PCB242.
Introduction to Legal Research is a two hour lecture conducted in the first week only of Semester 1 2002. It is designed to introduce students to the basics of legal research and provide an orientation to the use of the Law Library. Students will be expected to undertake a library exercise in LSB118 Life Science and Method using the skills and information outlined in this lecture.

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
PCB142 Chemistry 1

Year 2, Semester 1
LSB308 Biochemistry
LSB328 Microbiology 1
LWB136 Contracts A
PCB242 Chemistry 2
Students who have previously completed PCB242 may replace this unit with an elective
UNIVERSITY-WIDE AND INTERFACULTY COURSES

Year 2, Semester 2
LSB258  Human Anatomy and Physiology
LSB408  Metabolism
LSB428  Microbiology 2
LWB137  Contracts B

Year 3, Semester 1
LWB138  Fundamentals of Torts
LWB238  Fundamentals of Criminal Law
LWB332  Commercial and Personal Property Law
LWB333  Theories of Law
LWB628  Food Microbiology
LWB647  Clinical Mycology and Parasitology
LWB648  Molecular Microbiology

Year 4, Semester 1
LWB231  Introduction to Public Law
LWB236  Real Property A
LWB240  Principles of Equity
LWB241  Trusts
LWB331  Administrative Law
LWB334  Corporate Law
LWB433  Professional Responsibility

Year 5, Semester 1
LWB334  Corporate Law
LWB331  Administrative Law
LWB332  Commercial and Personal Property Law
LWB236  Real Property A
LWB237  Real Property B
LWB240  Principles of Equity
LWB241  Trusts
LWB235  Australian Federal Constitutional Law
LWB333  Theories of Law
LWB332  Commercial and Personal Property Law
LWB237  Real Property B

Year 2, Semester 2
LWB139  Select Issues in Torts
LWB239  Criminal Responsibility
Two Level 3 units from the following:
LWB628  Food Microbiology
LWB647  Clinical Mycology and Parasitology
LWB648  Molecular Microbiology

Year 3, Semester 2
LWB139  Select Issues in Torts
LWB239  Criminal Responsibility
Two Level 3 units from the following:
LWB628  Food Microbiology
LWB647  Clinical Mycology and Parasitology
LWB648  Molecular Microbiology

Elective Units

Year 2: research methods unit. Students are advised to take
at least two of these units.

Year 3: Workplace Internship (24 credit points)

Elective Units #

Recommended Study
Knowledge of at least one of the Sciences (either Chemistry,
Physics, Biological Science, Earth Science, or Maths C)

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.
- 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 (see below).
Course requirements - Continuing Students

Years 1 and 2
Students are required to complete 8 units including:
- HUB000 (now HBB116)
- Two Foundation Units (if students have not already completed two Faculty Foundation Units as part of the BA component of the student course see List A)
- Two to three Course Foundation Units (see List B)
- Two to three Elective Units (see List C)

NB: A minimum of 4 of these 8 units must be chosen from units in the BA component of the double degree i.e. HBB coded units).

Years 3 and 4
Students are required to do a further 8 units to complete:
- One Major Study Sequence from those offered in the BA component, and
- One Minor Study Sequence chosen from those offered in the BA component (i.e. HBB 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.

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 Major (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 i.e. HBB 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 Continuing Students

Year 1, Semester 1
Arts Unit from List A
HBB116 Applied Skills and Scholarship
Science Unit selected from SC01 List A or B
Science Unit selected from SC01 List A or B

Year 1, Semester 2
Arts Unit from List A
HBB116 Applied Skills and Scholarship
Science Unit selected from SC01 List A or B
Science Unit selected from SC01 List A or B

Year 2, Semester 1
Arts Unit from List B
Arts Unit from List C - Major
Science Unit selected from SC01 Level 1/2
Science Unit selected from SC01 Level 1/2

Year 2, Semester 2
Arts Unit from List C - Major
Arts Unit from List C - Major
Science Unit selected from SC01 Level 1/2
Science Unit selected from SC01 Level 1/2

Year 3, Semester 1
Arts Unit from List C - Major
Arts Unit from List C - Major
Science Unit selected from SC01 Level 2
Science Unit selected from SC01 Level 2

Year 3, Semester 2
Arts Unit from List C - Major
Arts Unit from List C - Major
Science Unit selected from SC01 Level 3
Science Unit selected from SC01 Level 3

Year 4, Semester 1
Arts Unit from List C - Minor
Arts Unit from List C - Minor
Science Unit selected from SC01 Level 2 or 3
Science Unit selected from SC01 Level 2 or 3

Arts - Lists A, B and C
For details, refer to Bachelor of Arts (Humanities) (HU22) entry in the Humanities and Human Services section.

Science Lists and Levels
For details of Lists A and Band First, Second, and Third Levels, refer to Bachelor of Applied Science (SC01)

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)

Course Structure
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

UNIVERSITY-WIDE AND INTERFACULTY COURSES

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Years 1 and 2

Students are required to complete 8 units including:

- HUB000 (now HHB116)
- Two Foundation Units (if you have not already completed two Faculty Foundation Units as part of the BA component of your course see List A)
- Two to three Course Foundation Units (see List B)

Requirements for Continuing Students

- Students must complete one of the following:
  - double major
  - extended major
  - a further 72 credit points in which the student must complete the Bachelor of Business program together with a 72 point credit program with the 96 credit point faculty core units in the program.

- Students supplement the Arts component of this 192 credit points from the Bachelor of Arts (Humanities) component of the double degree i.e. HHB coded units.

- A minimum of 12 of the 16 units must be chosen from units in the BA.

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 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)
  - Two core units in second semester (from a selection of core introductory and core skills units)

- Students wishing to complete the Workplace Internship 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 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 can complete it 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 i.e. HHB coded units.

Interdisciplinary Professional Majors

- For details, refer to the Bachelor of Arts (HH01) in the Humanities and Human Services section.

Discipline Sequences

- For details, refer to the Bachelor of Arts (HH01) in the Humanities and Human Services section.

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 - Continuing Students

Year 1, Semester 1
- Arts unit from List A
  - HUB000 (now HHB116) OR
  - Arts unit from List B
- Two Business Units **

Year 1, Semester 2
- Arts unit from List A
  - HUB000 (now HHB116) OR
  - Arts unit from List B
- Two Business Units

Year 2, Semester 1
- Arts unit from List B
- Arts unit from List C - Major
- Two Business units

Year 2, Semester 2
- Arts unit from List C - Major
- Arts unit from List C - Major
- Two Business units

Year 3, Semester 1
- Arts unit from List C - Major
- Arts unit from List C - Major
- Two Business units

Year 3, Semester 2
- Arts unit from List C - Major
- Arts unit from List C - Minor
- Two Business units

Year 4, Semester 1
- General Elective Unit - BA
- General Elective Unit - BA
- Two Business units

Year 5, Semester 1
- Four Business Units

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)(HU22) course entry in the Humanities and Human Services section.

Example of Full-time Course Structure - Commencing Students

Year 1, Semester 1
- Core unit (major)
- Core unit (major)
- Two Business units*

Year 1, Semester 2
- Major unit
- Major unit
- Two Business Units

Year 2, Semester 1
- Core unit (major or skills)
- Core unit (major or skills)
- Two Business Units

Year 2, Semester 2
- Major unit
- Minor Unit
- Two Business Units

Year 3, Semester 1
- Major unit
- Core unit (research methods)
- Two Business units

Year 3, Semester 2
- Minor unit
- Core unit (research methods)
- Two Business units

Year 4, Semester 1
- Major unit
- Minor unit
- Two Business units

Year 4, Semester 2
- Major unit
- Minor unit
- Two Business units

Year 5, Semester 1
- Four Business units

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.

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 & Communication

Year 2, Semester 1
- BSB111 Business Law and Ethics
- BSB115 Management, People and Organisations

Year 2, Semester 2
- BSB119 International & Electronic Business
- BSB126 Marketing

Year 3, Semester 1
- EFB101 Data Analysis for Business
  - Double Major/Extended Major/Specialisation Unit

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 1
  - Double Major/Extended Major/Specialisation Unit

Year 5, Semester 1
- AYB301 Auditing
  - BSB114 Government, Business and Society
  - Double Major/Extended Major/Specialisation Unit
  - Double Major/Extended 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 & Communication

### Year 2, Semester 1
- BSB111 Business Law and Ethics
- BSB115 Management, People and Organisations

### Year 2, Semester 2
- BSB119 International & 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 1
- AYB311 Financial Accounting Theory

### Year 5, Semester 1
- AYB301 Auditing
- AYB321 Management Accounting Theory
- 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

### 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

### Course Structure - Marketing

#### Year 1, Semester 1
- BSB122 Business Information Analysis & Communication
- BSB126 Marketing

#### Year 1, Semester 2
- AMB200 Consumer Behaviour
- AMB240 Marketing Planning and Management

#### Year 2, Semester 1
- AMB201 Market and Audience Research
- BSB119 International & 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
- AMB340 Services Marketing
  - Double Major/Extended Major/Specialisation Unit

#### Year 4, Semester 1
- AMB341 Strategic 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

### Core Program - BA Commencing 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
- HHB111 Issues in International and Global Studies
- Society and Change
  - HHB105 Interpreting 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
- HzB224 Qualitative Research Methods
- HHB232 Survey Methods
- HHB121 Interpreting the Past
- HHB312 Geographical Research Design

#### Third Year Core: Internship
- HHB330 Internship Program
Bachelor of Arts/Bachelor of Business  

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 Social Science)

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, Australasian Institute of Export.

Course Structure - International Business (with a language)

**Year 1, Semester 1**
- BSB119 International & Electronic Business Language 1
- 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 & Communication Language 5
- IBB205 Cross-Cultural Communication and Negotiation

**Year 3, Semester 2**
- IBB202 Business and the World Economy Language 6
- 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
  - IBB216 Contemporary Business in Asia
  - IBB317 Contemporary Business in Europe

**Example of full-time Course Structure - Continuing Students**

**Year 1, Semester 1**
- Arts unit from List A
- HUB000 (now HBB116) OR
- Arts unit from List B
- Two Business Units **

**Year 1, Semester 2**
- Arts unit from List A
- HUB000 (now HBB116) OR
- Arts unit from List B
- Two Business Units

**Year 2, Semester 1**
- Arts unit from List B
- Arts unit from List C - Major
- Two Business units

**Year 2, Semester 2**
- Arts unit from List C - Major
- Arts unit from List C - Major
- Two Business units

**Year 3, Semester 1**
- Arts unit from List C - Major
- Arts unit from List C - Major
- Two Business units

**Year 3, Semester 2**
- Arts unit from List C - Major
- Arts unit from List C - Minor
- Two Business units

**Year 4, Semester 1**
- Arts unit from List C - Minor
- Arts unit from List C - Minor
- Two Business units

**Year 4, Semester 2**
- General Elective Unit - BA
- General Elective Unit - BA
- Two Business Units

**Year 5, Semester 1**
- Four Business Units

**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(HU22) course entry in the Humanities and Human Services section.

**Example of Full-time Course Structure - Commencing Students**

**Year 1, Semester 1**
- Core unit (major)
- Core unit (major)
- Two Business units*

**Year 1, Semester 2**
- Major unit
- Major unit
- Two Business Units

**Year 2, Semester 1**
- Core unit (major or skills)
- Core unit (major or skills)
- Two Business Units

**Year 2, Semester 2**
- Major unit
- Minor Unit
- Two Business Units

**Year 3, Semester 1**
- Major unit
- Core unit (research methods)
- Two Business units

**Year 3, Semester 2**
- Minor unit
- Core unit (research methods)
- Two Business units

**Year 4, Semester 1**
- Major unit
- Minor unit
- Two Business units

**Year 4, Semester 2**
- Major unit
- Minor unit
### University-Wide and Interfaculty Courses

Two Business units

**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.

### Course Structure - Human Resource Management

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>BSBI15 Management, People and Organisations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1, Semester 2</td>
<td>BSBI122 Business Information Analysis &amp; Communication</td>
</tr>
<tr>
<td>Year 2, Semester 1</td>
<td>BSBI119 International &amp; Electronic Business</td>
</tr>
<tr>
<td>Year 2, Semester 2</td>
<td>MGB211 Organisational Behaviour</td>
</tr>
<tr>
<td>Year 3, Semester 1</td>
<td>BSBI110 Accounting</td>
</tr>
<tr>
<td>Year 3, Semester 2</td>
<td>MGB222 Managing Organisations</td>
</tr>
<tr>
<td>Year 4, Semester 1</td>
<td>Double Major/Extended Major/Specialisation Unit</td>
</tr>
<tr>
<td>Year 4, Semester 2</td>
<td>BSBI113 Economics</td>
</tr>
<tr>
<td>Year 5, Semester 1</td>
<td>Double Major/Extended Major/Specialisation Unit</td>
</tr>
</tbody>
</table>

### Course Structure - Management

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>BSBI115 Management, People and Organisations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1, Semester 2</td>
<td>BSBI122 Business Information Analysis &amp; Communication</td>
</tr>
<tr>
<td>Year 2, Semester 1</td>
<td>BSBI119 International &amp; Electronic Business</td>
</tr>
<tr>
<td>Year 2, Semester 2</td>
<td>MGB221 Organisational Behaviour</td>
</tr>
<tr>
<td>Year 3, Semester 1</td>
<td>BSBI110 Accounting</td>
</tr>
<tr>
<td>Year 3, Semester 2</td>
<td>MGB222 Managing Organisations</td>
</tr>
<tr>
<td>Year 4, Semester 1</td>
<td>Double Major/Extended Major/Specialisation Unit</td>
</tr>
<tr>
<td>Year 4, Semester 2</td>
<td>BSBI113 Economics</td>
</tr>
<tr>
<td>Year 5, Semester 1</td>
<td>Double Major/Extended Major/Specialisation Unit</td>
</tr>
</tbody>
</table>

### Course Structure - Public Relations

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>BSBI122 Business Information Analysis &amp; Communication</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1, Semester 2</td>
<td>BSBI126 Marketing</td>
</tr>
<tr>
<td>Year 2, Semester 1</td>
<td>AMB260 Public Relations Theory and Practice</td>
</tr>
<tr>
<td>Year 2, Semester 2</td>
<td>AMB201 Market and Audience Research</td>
</tr>
<tr>
<td>Year 2, Semester 3</td>
<td>AMB261 Media Relations and Publicity</td>
</tr>
<tr>
<td>Year 3, Semester 1</td>
<td>AMB262 Public Relations Writing</td>
</tr>
<tr>
<td>Year 3, Semester 2</td>
<td>Double Major/Extended Major/Specialisation Unit</td>
</tr>
<tr>
<td>Year 3, Semester 3</td>
<td>BSBI115 Management, People and Organisations</td>
</tr>
</tbody>
</table>

### Course Structure - Advertising

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>BSBI122 Business Information Analysis &amp; Communication</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1, Semester 2</td>
<td>BSBI126 Marketing</td>
</tr>
<tr>
<td>Year 2, Semester 1</td>
<td>AMB200 Consumer Behaviour</td>
</tr>
<tr>
<td>Year 2, Semester 2</td>
<td>AMB220 Advertising Theory and Practice</td>
</tr>
<tr>
<td>Year 3, Semester 1</td>
<td>AMB221 Advertising Copywriting</td>
</tr>
<tr>
<td>Year 3, Semester 2</td>
<td>Double Major/Extended Major/Specialisation Unit</td>
</tr>
<tr>
<td>Year 4, Semester 1</td>
<td>AMB211 Business Law and Ethics</td>
</tr>
<tr>
<td>Year 4, Semester 2</td>
<td>AMB221 Advertising Copywriting</td>
</tr>
<tr>
<td>Year 5, Semester 1</td>
<td>Double Major/Extended Major/Specialisation Unit</td>
</tr>
</tbody>
</table>

### Course Structure - International Business (without a language)

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>BSBI113 Economics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1, Semester 2</td>
<td>BSBI119 International &amp; Electronic Business</td>
</tr>
<tr>
<td>Year 2, Semester 1</td>
<td>BSBI115 Management, People and Organisations</td>
</tr>
<tr>
<td>Year 2, Semester 2</td>
<td>BSBI122 Business Information Analysis &amp; Communication</td>
</tr>
<tr>
<td>Year 2, Semester 3</td>
<td>IBB211 Globalisation and Business</td>
</tr>
<tr>
<td>Year 3, Semester 1</td>
<td>IBB202 Business and the World Economy</td>
</tr>
</tbody>
</table>

### Course Structure - International Business (with a language)

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>BSBI113 Economics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1, Semester 2</td>
<td>BSBI119 International &amp; Electronic Business</td>
</tr>
<tr>
<td>Year 2, Semester 1</td>
<td>BSBI115 Management, People and Organisations</td>
</tr>
<tr>
<td>Year 2, Semester 2</td>
<td>BSBI122 Business Information Analysis &amp; Communication</td>
</tr>
<tr>
<td>Year 2, Semester 3</td>
<td>IBB211 Globalisation and Business</td>
</tr>
<tr>
<td>Year 3, Semester 1</td>
<td>IBB202 Business and the World Economy</td>
</tr>
</tbody>
</table>
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  
**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  

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### Bachelor of Arts/Bachelor of Business (Electronic Business) (IF30)  
Award title: Bachelor of Arts/Bachelor of Business (Electronic Business)  
CRICOS code: 037539D  
Location: Gardens Point and Carseldine  
Course duration (full-time): 4.5 years  
Total credit points: 432 (192 cp in Arts and 240 cp in Business)  
Standard credit points per semester (full-time): 48  
Course coordinator: Dr John Synott (Humanities and Social Science); Mr Andrew Paltridge (Business)  

#### Example of full-time Course Structure - Continuing Students  
**Year 1, Semester 1**  
Arts unit from List A  
HUB000 (now HHB116) OR  
Arts unit from List B  
Two Business Units **  
**Year 1, Semester 2**  
Arts unit from List A  
HUB000 (now HHB116) OR  
Arts unit from List B  
Two Business Units  
**Year 2, Semester 1**  
Arts unit from List B  
Arts unit from List C - Major  
Two Business units  
**Year 2, Semester 2**  
Arts unit from List C - Major  
Arts unit from List C - Major  
Two Business units  
**Year 3, Semester 1**  
Arts unit from List C - Major  
Arts unit from List C - Major  
Two Business units  
**Year 3, Semester 2**  
Arts unit from List C - Major  
Arts unit from List C - Minor  
Two Business units  
**Year 4, Semester 1**  
Arts unit from List C - Minor  
Arts unit from List C - Minor  
Two Business units  
**Year 4, Semester 2**  
General Elective Unit - BA  
General Elective Unit - BA  
Two Business Units  
**Year 5, Semester 1**  
Four Business Units  

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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) HU22 course entry in the Humanities and Human Services section.  

#### Example of Full-time Course Structure - Commencing Students  
**Year 1, Semester 1**  
Core unit (major)  
Core unit (major)  
Two Business units*  
**Year 1, Semester 2**  
Major unit  
Major unit  
Two Business Units  
**Year 2, Semester 1**  
Core unit (major or skills)  
Core unit (major or skills)  
Two Business Units  
**Year 2, Semester 2**  
Major unit  
Minor Unit  
Two Business Units  
**Year 3, Semester 1**  
Major unit  
Core unit (research methods)  
Two Business units  
**Year 3, Semester 2**  
Minor unit  
Core unit (research methods)  
Two Business units  
**Year 4, Semester 1**  
Major unit  
Minor unit  
Two Business units  
**Year 4, Semester 2**  
Major unit  
Minor unit  
Two Business units  
**Year 5, Semester 1**  
Four Business units  

#### 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.  

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### Bachelor of Arts/Bachelor of Education (Early Childhood) (IF81)  
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 I. Childs (Arts); Dr G. Tait (Education)
Course Structure - Continuing Students

BA Course Requirements (Years 1 and 2)

Students are REQUIRED to complete:
- One Interdisciplinary Professional Major (1 core introductory unit + 6 units in the major)

It is SUGGESTED that they 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)
- A Workplace Internship in Third Year (24 credit points)

NB One of core introductory units will sit within the chosen Interdisciplinary Major.

Students must maintain a 50% enrolment in units from the BA program until they have completed 8 of those 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.

Students wishing to complete a 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 i.e. HHB coded units.

Key Terms in the BA - Commencing Students

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 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.

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 listed in the Bachelor of Arts (HH01) entry in the Humanities and Human Services section as any of these are able to be taken as Minors.

Example of BA Full-time Course Structure

Year 1 - Semester 1
- Arts Unit from List A
- Arts Unit from List B
- HBB116 Applied Skills and Scholarship
- Arts Unit from List C - Major

Year 1, Semester 2
- Arts Unit from List A
- Arts Unit from List B
- HBB116 Applied Skills and Scholarship
- Arts Unit from List C - Minor

Year 2, Semester 1
- Arts Unit from List C - Major
- Arts Unit from List C - Major
- Arts Unit from List C - Major
- Arts Unit from List C - Major

Year 2, Semester 2
- Arts Unit from List C - Minor
- Arts Unit from List C - Minor
- Arts Unit from List C - Minor
- Elective Unit (General)

Major/Minor Study Sequences

See Note 1

Lists A, B and C

For details, refer to the Bachelor of Arts (HU22) entry in the Humanities and Human Services section.

Part-time Students

See Note 2

Example of BA Full-time Course Structure

Year 1, Semester 1
- Arts core unit (major)
- Arts core unit (major)
- Arts core unit (major or skills)
- Arts core unit (major or skills)

Year 1, Semester 2
- Arts Major unit
- Arts Major unit
- Arts Minor unit
- Arts Minor unit

Year 2, Semester 1
- Arts Major unit
- Arts Major unit
- Arts Major unit
- Arts core unit (research methods)

Year 2, Semester 2
- Arts Major unit
- Arts Minor unit
- Arts Minor unit
- Arts core unit (research methods)
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
- HHH10 - Introduction to International and Global Studies
- HHH11 - Issues in International and Global Studies
- HHH105 - Interpreting Change
- HHH104 - Understanding Society: Introduction to Sociology
- HHH114 - Introduction to Human Rights and Ethics
- HHH115 - Human Identity and Change
- Community Studies
- HHH106 - Australian Society and Culture
- HHH103 - Contemporary Social and Community Issues

First Year Core: Skills Units
- HHH116 - Applied Skills and Scholarship
- HHH117 - Introduction to Social Research Methods
- Second Year Core: Research Methods Units
- HHH224 - Qualitative Research Methods
- HHH232 - Survey Methods
- HHH121 - Interpreting the Past
- HHH312 - Geographical Research Design

Third Year Core: Internship
- HHH330 - Internship Program

Education Component
Year 3, Semester 1
- CLB305 - Education in Context
- EAB442 - Motor and Social Development in Early Childhood
- EAB347 - Early Childhood Curriculum: Early Mathematical Explorations
- EDB432 - Early Childhood Professional Practice: Preschool/kindergarten

Year 3, Semester 2
- SPB001 - Human Development and Education
- EAB345 - Early Childhood Curriculum: Language Education
- EAB443 - Cognition and Language in Early Childhood
- EDB421 - Early Childhood Professional Practice: Lower Primary

Year 4, Semester 1
- HUB000 (now HHB116) - Applied Skills and Scholarship
- HHH224 - Qualitative Research Methods
- HHH232 - Survey Methods
- HHH121 - Interpreting the Past
- HHH312 - Geographical Research Design

Year 4, Semester 2
- CLB306 - Understanding Educational Practices
- EAB444 - Inclusive Practices in Early Childhood
- EAB423 - Early Childhood Professional Practice: Choice
- EAB346 - Early Childhood Curriculum: Science, Society and the Environment

Bachelor of Arts/Bachelor of Education (Primary) (IF82)
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
Course coordinator: Dr Iraphef Childs (Arts); Dr Gordon Tait (Education)

Career Outcomes
This degree provides a valuable foundation for careers in government, diplomacy, teaching, higher education, journalism, media relations or publishing. Opportunities in tourism, translation, and the hospitality industry are open to those with language majors. The Arts component provides an excellent general education for future primary specialists. The Bachelor of Education (Primary) prepares students to teach at all levels of primary school. They may also complete a discipline/content studies major in one of the key learning areas of the Queensland school curriculum. Students in IF82 may pursue language studies.

Course Structure - Continuing Students
BA Course Requirements (Years 1 and 2) (Continuing Students)
Students should have completed the following components of the degree:
The first year requirements (8 units) which include:
- HUB000 (now HHB116) Applied Skills and Scholarship
- Two Foundation Units (for students who did not complete two Faculty Foundation Units in Year 1 (see list A)
- Two to three Course Foundation Units (see List B)
- Two to three Elective Units (see List C)
NB a minimum of four of these eight units must be chosen from units offered from the BA component of your course.
In second year, a further 8 units to complete:
- One Major Study Sequence chosen from the BA component of your course
AND
- One Minor Study Sequence from those offered in the BA 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 be chosen from units in the BA.

Course Structure - 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 they 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)
- A Workplace Internship in Third Year (24 credit points)
NB One of core introductory units will sit within the chosen Interdisciplinary Major.
Students must maintain a 50% enrolment in units from the BA course until they have completed 8 of those 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.
Students wishing to complete a 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 i.e. HHB coded units.

Key Terms in the BA - Commencing Students
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 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.

Interdisciplinary Professional Majors - Commencing Students
For details, refer to the Bachelor of Arts (HH01) entry in the Humanities and Human Services section.

Discipline Sequences - Commencing Students
For details, refer to the Bachelor of Arts (HH01) entry in the Humanities and Human Services section.

Minor Sequences - Commencing Students
For details, refer to the Co-Majors section of the Bachelor of Arts (HH01) entry in the Humanities and Human Services section.

Example of BA Full-time Course Structure – Commencing Students

Year 1, Semester 1
- Arts core unit (major)
- Arts core unit (major or skills)
- Arts core unit (major or skills)

Year 1, Semester 2
- Arts Major unit
- Arts Minor unit
- Arts Minor unit

Year 2, Semester 1
- Arts Major unit
- Arts Major unit
- Arts Minor unit
- Arts Minor unit
- Arts core unit (research methods)

Year 2, Semester 2
- Arts Major unit
- Arts Minor unit
- Arts Minor unit
- Arts core unit (research methods)

Example of BA Full-time Course Structure – Continuing Students

Year 1 - Semester 1
- Arts Unit from List A
- Arts Unit from List B
- HHB116 Applied Skills and Scholarship
- Arts Unit from List C - Major

Year 1, Semester 2
- Arts Unit from List A
- Arts Unit from List B
- HHB116 Applied Skills and Scholarship
- Arts Unit from List C - Minor

Year 2, Semester 1
- Arts Unit from List C - Major
- Arts Unit from List C - Major
- Arts Unit from List C - Major
- Arts Unit from List C - Major

Year 2, Semester 2
- Arts Unit from List C - Major
- Arts Unit from List C - Minor
- Arts Unit from List C - Minor
- Elective Unit (General)

Major/Minor Study Sequences
See Note 1

Lists A, B and C
For details, refer to the Bachelor of Arts (HU22) entry in the Humanities and Human Services section.

Part-time Students
See Note 2

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
HHB111 Issues in International and Global Studies

Society and Change
HHB105 Interpreting 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 Units
HHB224 Qualitative Research Methods
HHB232 Survey Methods
HHB121 Interpreting the Past
HHB312 Geographical Research Design

Third Year Core: Internship
HHB330 Internship Program

Education Component
Year 3, Semester 1
CLB305 Education in Context
MDB450 Primary Mathematics Curriculum
EDB430 Primary Professional Practice 1: Classroom Management
CLB376 Studies of Society and Environment Curriculum

Year 3, Semester 2
KKB914 Visual and Performing Arts Curriculum 1
SPB001 Human Development and Education
MDB383 Using Technology in the Curriculum
EDB431 Primary Professional Practice 2: Curriculum Decision Making

Year 4, Semester 1
SPB002 Psychology of Learning and Teaching
EDB432 Primary Professional Practice 3: The Inclusive Curriculum
HM307 Health and Physical Education Curriculum (Primary)
CLB413 Programming and Assessment in Language and Mathematics

Year 4, Semester 2
CLB306 Understanding Educational Practices
MDB384 Science Education
EDB433 Primary Professional Practice 4: Reflective Practice
CLB454 Language and Literacy Curriculum

Students with an approved LOTE background in their undergraduate degree who wish to undertake CLB334 Primary LOTE Curriculum Studies in place of CLB431 should contact the Student Affairs office on 3864 3947. CLB334 is offered internally in semester 2.

Bachelor of Arts/Bachelor of Education (Secondary) (IF70)
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 Irephne Childs; Education Coordinator: Dr Gordon Tait

Course Structure
Students will complete 240 credit points in units offered in the BA component of the double degree plus 192 credit points in units offered by the Faculty of Education.
The teaching areas which may be studied are English, Geography, History, LOTE, Social Science, Film and Media (limited places).

Students are REQUIRED to complete the following BA components of the degree in Years 1, 2, and 3 - Semester 1:

First Year Requirements:
• HHB116 Applied Skills and Scholarship
• two Foundation Units
• two to three Course Foundation Units
• two to three Elective units

Note: In first year students must complete a minimum of four of the eight units within the BA component of the double degree.

One approved BA study sequence of at least 96 credit points as a first teaching area; plus approved studies of at least 48 credit points as a second teaching area.

Students must ensure that a minimum of 12 of the 20 units in the BA component of the course must be chosen from those offered within the BA component of the double degree.

Students must complete the following four Education units:
Psychology of Learning and Teaching; Language, Technology and Education; Education in Context; Human Development and Education, in the first five semesters of the course. Students are advised to complete the units in semesters 2 to 5 (and not in Semester 1). 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.

Education Component

Students are required to complete the following four Education units in the first five semesters of the course. It is recommended that students complete the units in semesters 2 to 5 and not undertake one in semester 1.
• CLB305 Education in Context
• SPB001 Human Development and Education
• SPB002 Psychology of Learning and Teaching
• CLB341 Language Technology and Education

Following are the approved Bachelor of Arts study sequences:
• English
• Geography
• History
• LOTE (French, German, Indonesian, Japanese and Mandarin)
• Social Sciences

In addition the Bachelor of Arts component offers a second teaching area in Film and Media Studies at Gardens Point campus (a limited number of places available).

Course Structure

Year 1 - Semester 1
HHB116 Applied Skills and Scholarship
Foundation Unit (prev. Faculty Foundation Unit) OR
Course Foundation Unit - from 1st teaching area
Course Foundation Unit
Elective Unit - 1st Teaching Area

Year 1 - Semester 2
HHB116 Applied Skills and Scholarship
Foundation Unit (prev. Faculty Foundation Unit)
Course Foundation Unit - 2nd Teaching Area
Course Foundation Unit
Elective Unit - 2nd Teaching Area
Education Unit e.g. CLB305

Year 2, Semester 1
Elective Unit - 1st Teaching Area
Elective Unit - 1st Teaching Area
Elective Unit - 1st Teaching Area
Education Unit e.g. SPB001

Year 2, Semester 2
Elective Unit - 1st Teaching Area
Elective Unit - 1st Teaching Area
Elective Unit - 1st Teaching Area
Elective Unit - 1st Teaching Area
Education Unit e.g. SPB002

Year 3, Semester 1
Other Elective
Other Elective
Other Elective
Other Elective
Education Unit e.g. CLB341

Notes
See Notes 1 and 2

Part-Time Students in BA Component
See Note 3

List A - Foundation Units
Students should complete two Foundation Units in first year. For continuing students who did not do this in 2001 and for commencing students, the following table indicates the units on offer for 2002.

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 Interpreting Change

List B - BA Course Foundation Units

English
KWB716 Introduction to Literary 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: Introduction to Sociology

LOTE: See Note 4

Languages: See Note 5
HHB071 Indonesian 1
HHB073 Indonesian 3
HHB081 Japanese 1
HHB083 Japanese 3
HHB086 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

English

Geography

History

Social Science

Languages

Education Component

Year 3, Semester 2
EDB450 Secondary Professional Practice 1: Classroom Management
EDB451 Secondary Professional Practice 2: Curriculum Decision Making
Curriculum Studies 1 (See List 1)
Curriculum Studies 1 (See List 1)

Year 4, Semester 1
CLB306 Understanding Educational Practices
EDB452 Secondary Professional Practice 3: The Inclusive Curriculum
Curriculum Studies 2 (See List 2)
Curriculum Studies 2 (See List 2)

Year 4, Semester 2
EDB453 Secondary Professional Practice 4: The Beginning Teacher
Education Studies Elective (See List 3)
Education Studies Elective (See List 3)
Curriculum Elective (See List 4)
### Curriculum Studies 1

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>CLB329</td>
<td>LOTE Curriculum Studies 1</td>
</tr>
<tr>
<td>CLB361</td>
<td>Geography Curriculum Studies 1</td>
</tr>
<tr>
<td>CLB363</td>
<td>History Curriculum Studies 1</td>
</tr>
<tr>
<td>CLB367</td>
<td>Social Science Curriculum Studies 1</td>
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<tr>
<td>CLB327</td>
<td>Film and Media Curriculum Studies 1</td>
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### Curriculum Studies 2

#### List 2

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<th>Code</th>
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<tbody>
<tr>
<td>CLB326</td>
<td>English Curriculum Studies 2</td>
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<tr>
<td>CLB362</td>
<td>Geography Curriculum Studies 2</td>
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<tr>
<td>CLB364</td>
<td>History Curriculum Studies 2</td>
</tr>
<tr>
<td>CLB330</td>
<td>LOTE Curriculum Studies 2</td>
</tr>
<tr>
<td>CLB368</td>
<td>Social Science Curriculum Studies 2</td>
</tr>
<tr>
<td>CLB328</td>
<td>Film and Media Curriculum Studies 2</td>
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### Education Studies Elective Units

#### List 3

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<tr>
<th>Code</th>
<th>Course Title</th>
</tr>
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<tbody>
<tr>
<td>CLB301</td>
<td>Powerful Teachers, Powerful Students</td>
</tr>
<tr>
<td>CLB302</td>
<td>Identifying and Responding to Student Difference</td>
</tr>
<tr>
<td>CLB346</td>
<td>Case Studies in Adult and Family Literacy</td>
</tr>
<tr>
<td>CLB347</td>
<td>Teaching Students from Non-English Speaking Backgrounds</td>
</tr>
<tr>
<td>CLB401</td>
<td>Cultural Diversity and Education</td>
</tr>
<tr>
<td>CLB402</td>
<td>Issues in Indigenous Education</td>
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<tr>
<td>CLB403</td>
<td>Gender and Sexuality Issues for Teachers</td>
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<tr>
<td>EAB423</td>
<td>Museums: Places of Learning</td>
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<tr>
<td>EDB440</td>
<td>Independent Study</td>
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<td>EDB443</td>
<td>Professional Internship of Associate Teaching</td>
</tr>
<tr>
<td>MDB300</td>
<td>Teaching in the Information Age</td>
</tr>
<tr>
<td>MDB381</td>
<td>Science and Technology in the Community and Workplace</td>
</tr>
<tr>
<td>SPB003</td>
<td>Teaching Children With Low Incidence Disabilities and Health Problems</td>
</tr>
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<td>SPB004</td>
<td>Teaching Exceptional Students</td>
</tr>
<tr>
<td>SPB006</td>
<td>Educational Counselling</td>
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<td>SPB007</td>
<td>Human Sexuality and Learning</td>
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<tr>
<td>SPB008</td>
<td>The Middle Years of Schooling</td>
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<td>SPB009</td>
<td>Research Methods in Education</td>
</tr>
<tr>
<td>SPB010</td>
<td>Education Law and the Beginning Teacher</td>
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<tr>
<td>SPB011</td>
<td>Learning/teaching Environments</td>
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<tr>
<td>SPB012</td>
<td>Classroom and Behaviour Management</td>
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<td>SPB017</td>
<td>Classroom Management: Models and Practice</td>
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<td>SPB018</td>
<td>Teaching Strategies</td>
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<td>SPB019</td>
<td>Introduction to Educational Administration</td>
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<td>SPB020</td>
<td>Classroom Assessment Practices</td>
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### Curriculum Studies Electives

#### List 4

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<tr>
<th>Code</th>
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<tr>
<td>CLB334</td>
<td>Primary LOTE Curriculum Studies</td>
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<tr>
<td>CLB374</td>
<td>Studies of Society and Environment</td>
</tr>
<tr>
<td>CLB377</td>
<td>Business Education Studies</td>
</tr>
<tr>
<td>CLB411</td>
<td>Advanced Studies in Film and Media Curriculum</td>
</tr>
<tr>
<td>CLB412</td>
<td>Advanced Studies in English, ESL Curriculum</td>
</tr>
<tr>
<td>CLB443</td>
<td>Trends in the Teaching of Reading</td>
</tr>
<tr>
<td>CLB453</td>
<td>New Literacies and Technologies Across the Curriculum</td>
</tr>
<tr>
<td>EDB440</td>
<td>Independent Study</td>
</tr>
<tr>
<td>MDB395</td>
<td>Marine Studies Curriculum</td>
</tr>
<tr>
<td>MDB414</td>
<td>Learning Environments Using Information Technology</td>
</tr>
<tr>
<td>MDP529</td>
<td>Diagnostic Assessment and Remedial Intervention in Mathematics</td>
</tr>
<tr>
<td>SPB013</td>
<td>Progressive Strategies for General and Vocational Education</td>
</tr>
<tr>
<td>SPB014</td>
<td>Advanced Skills of Effective Learning and Teaching</td>
</tr>
<tr>
<td>SPB016</td>
<td>Teachers and the Curriculum</td>
</tr>
<tr>
<td>SPB022</td>
<td>The Middle Years Curriculum</td>
</tr>
<tr>
<td>HMB342</td>
<td>The Development of Teaching Skills in Primary Physical Education</td>
</tr>
</tbody>
</table>

### 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:
  - HUB000 (now HHB116) Applied Skills and Scholarship
  - Two Foundation Units (if you have not already completed 2 Faculty Foundation Units in Year 1 See List A)
  - Two to three Course Foundation Units (see List B)
  - Two to three Elective Units (see List C)

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)
- Four core units in second year (2 research methods units)
- A Workplace Internship in Third Year (24 credit points)

Students must maintain a 50% enrolment in units from the BA program until they have completed 8 of these 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 first year and continue into their third year.

Students wishing to complete a 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 i.e. 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
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.

Structure for Commencing Students
Course Structure - Example of Full-time Course Structure for Commencing Students

Year 1, Semester 1
- Arts Unit from List A
- Arts Unit from List B
- HBB116 (prev. HUB000) or Elective Unit (General)
- Arts Unit from List C

Year 1, Semester 2
- Arts Unit from List A
- Arts Unit from List B
- HBB116 (prev. HUB000) or Elective Unit (General)
- Arts Unit from List C

Year 2, Semester 1
- Arts Unit from List A
- Arts Unit from List C
- Arts Unit from List C
- Arts Unit from List C

Year 2, Semester 2
- Arts Unit from List C
- Arts Unit from List C
- Arts Unit from List C
- Elective Unit (General)

NOTE: Students studying a language as one of their majors need to take two introductory Law units in Year Two so that they can extend their language study into Year Three.

Year 3, Semester 1
- Introduction to Legal Research
- LWB136 Contracts A
- LWB138 Fundamentals of Torts
- LWB141 Legal Institutions and Method
- LWB142 Law, Society and Justice

Year 3, Semester 2
- LWB137 Contracts B
- LWB139 Select Issues in Torts
- LWB143 Legal Research and Writing
- LWB144 Laws and Global Perspectives

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 Units

Year 5, Semester 2
- LWB331 Administrative Law
- LWB433 Professional Responsibility
- Elective Units

Lists A, B and C
For details, refer to the Bachelor of Arts (Humanities) (HU22) course entry in Humanities and Human Services section.

Major/Minor Study Sequences
For details of majors and minors available, refer to the Bachelor of Arts (Humanities) (HU22) course entry in the Humanities and Human Services section.

Course Structure - Example of Full-time Course Structure for Commencing Students

Year 1, Semester 1
- Arts Core unit (major)
- Arts Core unit (major)
- Arts Core unit (major or skills)
- Arts Core unit (major or skills)

Year 1, Semester 2
- Arts Major unit
- Arts Major unit
- Arts Minor unit
- Arts Minor unit

Year 2, Semester 1
- Arts Major unit
- Arts Major unit
- Arts Major unit
- Arts Core unit (research methods)

Year 2, Semester 2
- Arts Major unit
- Arts Minor unit
- Arts Minor unit
- Arts Core unit (research methods)

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.

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
  - HBB110 Introduction to International and Global Studies
  - HBB111 Issues in International and Global Studies
- SOCIETY AND CHANGE
  - HBB105 Interpreting Change
  - HBB104 Understanding Society: Intro. to Sociology
- ETHICS AND HUMAN RIGHTS
  - HBB114 Introduction to Human Rights and Ethics
  - HBB115 Human Identity and Change
- Community Studies
  - HBB106 Australian Society and Culture
  - HBB103 Contemporary Social and Community Issues

First Year Core: Skills Units
- HBB116 Applied Skills and Scholarship
- HBB117 Introduction to Social Research Methods

Second Year Core: Research Methods
- HBB224 Qualitative Research Methods
- HBB232 Survey Methods
- HBB121 Interpreting the Past
Bachelor of Business (Accountancy and Economics)/Bachelor of Education (Secondary) (IF72)

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 Gordon Tait (Education)

Discipline coordinator: Dr John Sweeting (Accountancy); Mr Eugene McCann (Economics)

Course Design

Students are required to complete 240 credit points in units from the Faculty of Business plus 192 credit points in units offered by the Faculty of Education. The following four units are to be undertaken over the first five semesters of the course:

- CLB305 Education in Context
- SPB001 Human Development and Education
- SPB002 Psychology of Learning and Teaching
- CLB341 Language, Technology and Education

Teaching areas for students completing this award are Accounting and Economics. 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 school reform movement.

Course Structure - Accountancy and Economics component

Year 1, Semester 1

- BSB110 Accounting
- BSB113 Economics
- BSB119 International & Electronic Business
- BSB122 Business Information Analysis & Communication

Year 1, Semester 2

- AYB121 Financial Accounting
- BSB111 Business Law and Ethics
- EFB101 Data Analysis for Business
- EFB102 Economics 2

One Education Studies Unit (See List)

Year 2, Semester 1

- AYB220 Company Accounting
- EFB202 Business Cycles and Economic Growth
- EFB210 Finance 1
- EFB211 Firms, Markets and Resources

One Education Studies Unit (See List)

Year 2, Semester 2

- AYB221 Computerised Accounting Systems
- AYB225 Management Accounting 1
- EFB314 International Trade and Economic Competitiveness
- EFB323 Financial and Monetary Economics

One Education Studies Unit (See List)

Year 3, Semester 1

- AYB301 Auditing
- BSB114 Government, Business and Society
- BSB115 Management, People and Organisations
- BSB126 Marketing

One Education Studies Unit (See List)

Education Component

Course Structure

- CLB305, SPB001, SPB002 and CLB341 must be completed in the first five semesters of the course.

Year 3, Semester 2

- EDB450 Secondary Professional Practice 1: Classroom Management
- EDB451 Secondary Professional Practice 2: Curriculum Decision Making
- CLB359 Economics Curriculum Studies 1
- CLB355 Accounting/business Management Curriculum Studies 1

Year 4, Semester 1

- CLB340 Understanding Educational Practices
- EDB452 Secondary Professional Practice 3: The Inclusive Curriculum
- CLB336 Accounting/business Management Curriculum Studies 2
- CLB360 Economics Curriculum Studies 2

Year 4, Semester 2

- EDB453 Secondary Professional Practice 4: The Beginning Teacher
- Education Studies Elective (See List 3)
- Education Studies Elective (See List 3)
- Curriculum Studies Elective (See List 4)

Alternative Year 4, Semester 2: Middle Years Pathway

EDB443 Professional Internship of Associate Teaching

SPB008 The Middle Years of Schooling

SPB022 The Middle Years Curriculum

EDB453 Secondary Professional Practice 4: The Beginning Teacher

Education Studies Elective Units

List 3

See Bachelor of Arts/Bachelor of Education (Secondary) in this section.

Curriculum Studies Electives

List 4

See Bachelor of Arts/Bachelor of Education (Secondary) in this section.

Bachelor of Business (Accountancy)/Bachelor of Laws (IF37)

Award title: Bachelor of Business (Accountancy)/Bachelor of Laws

CRICOS code: 006386F

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), 3864 2707

Professional Recognition

For information on the academic requirements of the Solicitors’ or Barristers’ Board of Queensland please refer to the section on professional recognition in the Bachelor of Laws course entry in the Faculty of Law section of the QUT Handbook. The Bachelor of Business (Accountancy) component satisfies the academic requirements for membership of the Institute of Chartered Accountants in Australia and CPA Australia.

Course Structure

Year 1, Semester 1

- BSB110 Accounting
- BSB113 Economics
- BSB122 Business Information Analysis & Communication
- AYB121 Financial Accounting

Introduction to Legal Research

Year 1, Semester 2

- BSB115 Management, People and Organisations
- EFB101 Data Analysis for Business
- EFB102 Economics 2
- EFB111 Business Law and Ethics

Year 2, Semester 1

- AYB220 Company Accounting
- AFB202 Business Cycles and Economic Growth
- AFB210 Finance 1
- AFB211 Firms, Markets and Resources

One Education Studies Unit (See List)

Year 2, Semester 2

- AYB221 Computerised Accounting Systems
- AYB225 Management Accounting 1
- EFB314 International Trade and Economic Competitiveness
- EFB323 Financial and Monetary Economics

One Education Studies Unit (See List)

Year 3, Semester 1

- AYB301 Auditing
- BSB114 Government, Business and Society
- BSB115 Management, People and Organisations
- BSB126 Marketing

One Education Studies Unit (See List)

Year 3, Semester 2

- EDB450 Secondary Professional Practice 1: Classroom Management
- EDB451 Secondary Professional Practice 2: Curriculum Decision Making
- CLB359 Economics Curriculum Studies 1
- CLB355 Accounting/business Management Curriculum Studies 1

Year 4, Semester 1

- CLB340 Understanding Educational Practices
- EDB452 Secondary Professional Practice 3: The Inclusive Curriculum
- CLB336 Accounting/business Management Curriculum Studies 2
- CLB360 Economics Curriculum Studies 2

Year 4, Semester 2

- EDB453 Secondary Professional Practice 4: The Beginning Teacher
- Education Studies Elective (See List 3)
- Education Studies Elective (See List 3)
- Curriculum Studies Elective (See List 4)
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: Ms Sue Taylor (Accountancy); Mr John Polichronis (Banking and Finance); Mr Eugene McCann (Economics); Dr Marilyn Healy (Marketing)

Professional Membership

Graduates are eligible for membership of the Australian College of Health Service Executives. Depending on the choice of major, extended major or elective units, graduates may be eligible for membership of the: Accountancy - CPA Australia, Institute of Chartered Accountants in Australia (ICAA), 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 (AIM), Australasian Institute of Export, American Marketing Association.

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 administration 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 - Accountancy/Health Services Management

Year 1, Semester 1

BSB110 Accounting
BSB113 Economics
PUB104 Introduction to Health Services Management
PUB233 Communication, Information and Education for Health

Year 1, Semester 2

AYB121 Financial Accounting
BSB122 Business Information Analysis & Communication
PUB251 Contemporary Public Health
Public Health Elective

Year 2, Semester 1

BSB111 Business Law and Ethics
BSB115 Management, People and Organisations
BSB126 Marketing
PUB314 Epidemiology and Statistics

Year 2, Semester 2

BSB114 Government, Business and Society
BSB119 International & Electronic Business
MGB207 Human Resource Issues and Strategy
PUB117 Introduction to Consumer Studies
PUB380 Casemix Management

Year 3, Semester 1

AYB220 Company Accounting
EFB101 Data Analysis for Business
Public Health Elective

Year 3, Semester 2

AYB221 Computerised Accounting Systems
AYB225 Management Accounting 1
LW5001 Medicine and the Law
PUB480 Health Administration Finance
Public Health Elective

Year 4, Semester 1

AYB301 Auditing
PUB511 Health Policy, Planning and Evaluation
PUB514 Contract/project Management
Public Health Elective

Year 4, Semester 2

PUB418 Health Computer Systems
PUB609 Health Resource Allocation
PUB875 Professional Practice

Course Structure - Banking & Finance/Health Services Management

Year 1, Semester 1

BSB113 Economics
BSB122 Business Information Analysis & Communication
PUB104 Introduction to Health Services Management
PUB233 Communication, Information and Education for Health

Year 1, Semester 2

BSB115 Management, People and Organisations
EFB102 Economics 2
PUB251 Contemporary Public Health
Public Health Elective

Year 2, Semester 1

BSB110 Accounting
BSB114 Government, Business and Society
EFB101 Data Analysis for Business
PUB314 Epidemiology and Statistics

Year 2, Semester 2

BSB126 Marketing
MGB207 Human Resource Issues and Strategy
PUB117 Introduction to Consumer Studies
PUB380 Casemix Management

Year 3, Semester 1

BSB111 Business Law and Ethics
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<th>Course Code</th>
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<td>Contract/project Management Double Major/Extended Major/Specialisation Unit</td>
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<td>International Finance and Economics Double Major/Extended Major/Specialisation Unit</td>
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#### Course Structure - Economics/Health Services Management

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<td>Communication, Information and Education for Health</td>
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<td>Contemporary Public Health Public Health Elective</td>
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<td>Year 2, Semester 1</td>
<td>BSB111</td>
<td>Government, Business and Society</td>
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<td>EFB202</td>
<td>Business Cycles and Economic Growth Double Major/Extended Major/Specialisation Unit</td>
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<td>EFB211</td>
<td>Firms, Markets and Resources Public Health Elective</td>
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<td>Contract/project Management Elective</td>
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<td>Year 4, Semester 2</td>
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<td>Health Resource Allocation</td>
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<td>PUB875</td>
<td>Professional Practice Double Major/Extended Major/Specialisation Unit</td>
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</tbody>
</table>

#### 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 (HRM); Mr Michael Cox (International Business); Dr Glenda Maconachie (Management); Ms Robina Xavier (PR)

#### Professional Recognition

- The law component of the double degree satisfies the academic requirements for admission to practise as a Solicitor or Barrister in Queensland. Depending on the choice of major or extended major, business 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 Institute of Training and Development, Australian Human Resources Institute, Australian Institute of Management.
  - International Business - Australasian Institute of Export.
  - Management - Australian Institute of Management.
  - Public Relations - Public Relations Institute of Australia

#### 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 units from an extended major or specialisation. These three units must form a coherent body of study and be approved by the relevant Discipline Coordinator.

Law Elective Units
For information on the availability of law elective units, please refer to the relevant section in the Bachelor of Laws course entry in the Faculty of Law section.

Course Structure - Advertising

Year 1, Semester 1
- BSB115 Management, People and Organisations
- BSB122 Business Information Analysis & 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 & Electronic Business
- LWB143 Legal Research and Writing
- LWB144 Laws and Global Perspectives

Year 2, Semester 1
- AMB222 Media Planning
- BSB114 Government, Business and Society
- BSB136 Contracts A

Year 2, Semester 2
- AMB221 Advertising Copywriting
- BSB110 Accounting
- LWB137 Contracts B
- Approved Extended Major/Specialisation Unit

Year 3, Semester 1
- AMB320 Advertising Management
- LWB138 Fundamentals of Torts
- LWB236 Real Property

Year 3, Semester 2
- AMB321 Advertising Campaigns
- LWB139 Select Issues in Torts
- Business extended major/specialisation unit

Year 4, Semester 1
- LWB231 Introduction to Public Law
- LWB233 Real Property
- LWB234 Equity and Trusts
- LWB332 Commercial and Personal Property Law

Year 4, Semester 2
- LWB235 Australian Federal Constitutional Law
- LWB237 Real Property B
- LWB333 Theories of Law

Year 5, Semester 1
- LWB238 Legal Institutions and Method
- LWB142 Law, Society and Justice
- LWB144 Laws and Global Perspectives

Year 5, Semester 2
- LWB433 Professional Responsibility
- Law elective unit

Course Structure - International Business

Year 1, Semester 1
- BSB110 Accounting
- BSB115 Management, People and Organisations
- BSB119 International & Electronic Business
- Introduction to Legal Research
- LWB141 Legal Institutions and Method
- LWB142 Law, Society and Justice

Year 2, Semester 1
- BSB114 Government, Business and Society
- BSB119 International & Electronic Business
- MGB220 Management Research Methods
- LWB143 Legal Research and Writing
- LWB144 Laws and Global Perspectives

Year 2, Semester 2
- BSB126 Marketing
- MGB207 Human Resource Issues and Strategy
- MGB211 Organisational Behaviour
- LWB136 Contracts A

Year 3, Semester 1
- BSB113 Economics
- LWB137 Contracts B
- Business extended major/specialisation unit

Course Structure - Human Resource Management major

Year 1, Semester 1
- BSB110 Accounting
- BSB115 Management, People and Organisations
- BSB122 Business Information Analysis & 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 & 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
- Business extended major/specialisation unit

Year 3, Semester 1
- Approved Extended Major/Specialisation Unit
- Approved Extended Major/Specialisation Unit
UNIVERSITY-WIDE AND INTERFACULTY COURSES

LWB138 Fundamentals of Torts  
LWB238 Fundamentals of Criminal Law

Year 3, Semester 2  
IBB300 International Business Strategy  
Approved Extended Major/Specialisation Unit  
LWB139 Select Issues in Torts  
LWB239 Criminal Responsibility

Year 4, Semester 1  
LWB221 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  
AMB260 Public Relations Theory and Practice  
BSB114 Government, Business and Society  
BSB119 International & Electronic Business

Year 2, Semester 1  
AMB360 Corporate Communication Management  
LWB138 Fundamentals of Torts  
LWB236 Real Property A  
LWB240 Principles of Equity  
LWB332 Commercial and Personal Property Law  
LWB333 Theories of Law

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 5, Semester 2  
LWB433 Professional Responsibility  
Elective Units  
Elective Units  
Elective Units
### Bachelor of Business (Advertising, 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 Kate Hutchings (HRM); Mr Michael Cox (International Business); Dr Glenda Macnauchie (Management); Ms Robina Xavier (Public Relations)

### Professional Membership
Graduates are eligible for membership of the Australian College of Health Service Executives. 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, Australasian Institute of Export, 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 192 credit points from the Bachelor of Health Science program and 240 credit points from the Bachelor of Business program. Students supplement the health administration 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 - Human Resource Management/Health Services Management

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<td>BSB115 Management, People and Organisations</td>
<td>BSB110 Accounting</td>
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<td>BSB122 Business Information Analysis &amp; Communication</td>
<td>BSB113 Economics</td>
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<td>PUB104 Introduction to Health Services Management</td>
<td>PUB511 Health Policy, Planning and Evaluation</td>
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<tr>
<td>PUB233 Communication, Information and Education for Health</td>
<td>PUB514 Contract/project Management</td>
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<td>BSB126 Marketing</td>
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<td>MGB220 Management Research Methods</td>
<td>MGB314 Organisational Consulting and Change</td>
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<td>PUB251 Contemporary Public Health</td>
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### Course Structure - Management/Health Services Management

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<td>PUB104 Introduction to Health Services Management</td>
<td>MGB220 Management Research Methods</td>
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<td>PUB233 Communication, Information and Education for Health</td>
<td>MGB222 Managing Organisations</td>
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<td>PUB380 Casemix Management</td>
<td>PUB251 Contemporary Public Health</td>
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### Course Structure - Public Relations/Health Services Management

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### Course Structure - Public Relations/Health Services Management

**Course coordinator:** Ms Gayle Kerr (Advertising); Dr Kate Hutchings (HRM); Mr Michael Cox (International Business); Dr Glenda Macnauchie (Management); Ms Robina Xavier (Public Relations)

### Standard credit points per semester (full-time):
54 (Average)

### Total credit points:
432

### Course duration (full-time):
4 years

### Location:
Gardens Point and Kelvin Grove

### 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 Structure - Advertising/Health Services Management

### Year 1, Semester 1

- **BSB122** Business Information Analysis & Communication
- **BSB126** Marketing
- **PUB104** Introduction to Health Services Management
- **PUB233** Communication, Information and Education for Health

### Year 1, Semester 2

- **PUB609** Health Resource Allocation
- **PUB875** Professional Practice
- **PUB380** Case Mix Management
- **PUB314** Epidemiology and Statistics

### Year 2, Semester 1

- **AMB201** Market and Audience Research
- **AMB261** Media Relations and Publicity
- **BSB115** Management, People and Organisations
- **PUB314** Epidemiology and Statistics

### Year 2, Semester 2

- **AMB262** Public Relations Writing
- **MGB207** Human Resource Issues and Strategy
- **PUB117** Introduction to Consumer Studies
- **PUB380** Case Mix Management
- **PUB110** Accounting
- **PUB129** Marketing
- **IBB210** Export Management
- **PUB314** Epidemiology and Statistics

### Year 3, Semester 1

- **BSB111** Business Law and Ethics
- **BSB113** Economics
- **BSB114** Government, Business and Society
- **PUB251** Contemporary Public Health
- **Public Health Elective**

### Year 3, Semester 2

- **PLEX101** Medicine and the Law
- **PUB480** Health Administration Finance
- **PUB489** Health Resource Allocation
- **PUB875** Professional Practice
- **PUB480** Health Administration Finance
- **PUB489** Health Resource Allocation
- **PUB875** Professional Practice

### Year 4, Semester 1

- **PUB514** Contract/Project Management
- **PUB511** Health Policy, Planning and Evaluation
- **BSB110** Accounting
- **BSB126** Marketing
- **IBB210** Export Management
- **PUB314** Epidemiology and Statistics

### Year 4, Semester 2

- **PUB380** Case Mix Management
- **PUB314** Epidemiology and Statistics
- **PUB380** Case Mix Management
- **PUB314** Epidemiology and Statistics

### Area Study Units:

- **IBB217** Asian Business Development
- **IBB317** Contemporary Business in Asia
- **IBB208** European Business Development
- **IBB308** Contemporary Business in Europe
### 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:** 06036F

**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:** Mr John Polichronis (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. Depending on the choice of major or extended major, business graduates may be eligible for membership of:

- Banking & Finance: Australasian Institute of Banking and Finance (AIBF).
- Economics: Economic Society of Australia (Queensland Division).

### 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 units from an extended major or specialisation. These three units must form a coherent body of study and be approved by the relevant Discipline Coordinator.

### Law Elective Units

For information on the availability of law elective units, please refer to the relevant section in the Bachelor of Laws course entry in the Faculty of Law section.

### Course Structure - Banking and Finance major

#### Year 1, Semester 1

- BSB114 Government, Business and Society
- BSB122 Business Information Analysis & Communication
- Language 5
  - OR
  - IBB205 Cross-Cultural Communication and Negotiation
- IBB210 Export Management
- 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 (Banking and Finance, Economics or Marketing)/Bachelor of Laws (IF41)
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

**Year 3, Semester 2**
- LWB139 Select Issues in Torts
- LWB239 Criminal Responsibility

**Year 4, Semester 1**
- LWB235 Australian Federal Constitutional Law
- LWB237 Real Property B
- LWB331 Administrative Law
- LWB334 Corporate Law

**Year 4, Semester 2**
- LWB333 Theories of Law
- LWB332 Commercial and Personal Property Law
- LWB240 Principles of Equity
- LWB236 Real Property A

**Year 5, Semester 1**
- LWB334 Corporate Law
- LWB330 Administrative Law
- LWB239 Criminal Responsibility
- LWB334 Corporate Law

**Year 5, Semester 2**
- LWB333 Professional Responsibility
- Law elective units

**Financial Economics extended major**

Students only need to complete three of the following units to meet course requirements:
- EFB200 Applied Regression Analysis
- EFB201 Financial Markets
- EFB210 Finance I
- EFB324 Macroeconomics of Global Financial Markets
- EFB325 Financial Microeconomics
- EFB326 Applied Portfolio Management
- EFB327 Econometrics of Financial Markets
- EFB328 Public Economics and Finance

**Course Structure - Marketing major**

**Year 1, Semester 1**
- BSB113 Economics
- BSB115 Management, People and Organisations
- BSB16 Marketing and International Business
- Introduction to Legal Research
- LWB141 Legal Institutions and Method
- LWB142 Law, Society and Justice

**Year 1, Semester 2**
- BSB116 Introduction to Electronic Commerce
- BSB117 Professional Communication and Negotiation
- LWB143 Legal Research and Writing
- LWB144 Laws and Global Perspectives
- MIB217 Marketing Management

**Year 2, Semester 1**
- BSB114 Government, Business and Society
- EFB101 Data Analysis for Business
- MIB204 Consumer Behaviour
- LWB136 Contracts A

**Year 2, Semester 2**
- BSB110 Accounting
- MIB213 International Marketing
- LWB137 Contracts B

**Year 3, Semester 1**
- MIB305 Market Research
- LWB138 Fundamentals of Torts
- LWB238 Fundamentals of Criminal Law

**Year 3, Semester 2**
- MIB315 Strategic Marketing
- LWB139 Select Issues in Torts
- LWB239 Criminal Responsibility

**Year 4, Semester 1**
- LWB235 Australian Federal Constitutional Law
- LWB237 Real Property B
- LWB331 Administrative Law
- LWB239 Criminal Responsibility
- LWB334 Corporate Law

**Year 4, Semester 2**
- MIB320 Marketing Decision Making
- MIB319 Events Marketing
- MIB321 Tourism Marketing
- MIB218 Marketing Sport and Recreation
- MIB228 Promotional Strategy
- MIB229 Retail Marketing
- MIB320 Marketing Decision Making

**Marketing extended major**

Students only need to complete three units to meet course requirements.

**Marketing extended major**

The following units are offered every year:
- MIB210 Export Management
- MIB227 Product Innovation and Market Development
- MIB308 Professional Marketing Practice
- MIB311 Services Marketing
- MIB319 Events Marketing
- MIB321 Tourism Marketing

The following units are offered in even numbered years:
- MIB218 Marketing Sport and Recreation
- MIB228 Promotional Strategy
- MIB229 Retail Marketing
- MIB320 Marketing Decision Making

**Bachelor of Business (Electronic Business)/Bachelor of Health Science (Health Services Management) (IF47)**

**Award title**: Bachelor of Business (Electronic Business)/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: Mr Robert Craig (Electronic Business)

Professional Membership
Graduates may satisfy the academic requirements for membership of the Australian College of Health Service Executives.

Depending on the choice of double major, extended major or specialisation students may also 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 Division), the Advertising Institute of Australia, Society of Business Communicators, Public Relations Institute of Australia and others relevant to the choice of major.

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 administration 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

**Year 1, Semester 1**
- BSB114 Government, Business and Society
- BSB119 International & Electronic Business
- PUB104 Introduction to Health Services Management
- PUB233 Communication, Information and Education for Health

**Year 1, Semester 2**
- BSB122 Business Information Analysis & Communication
- BSB126 Marketing
- PUB251 Contemporary Public Health
- Public Health Elective

**Year 2, Semester 1**
- BSB110 Accounting
- BSB115 Management, People and Organisations
- BSB212 Electronic Business Applications
- PUB314 Epidemiology and Statistics

**Year 2, Semester 2**
- BSB111 Business Law and Ethics
- ITB285 Electronic Business Information Systems
- MGB207 Human Resource Issues and Strategy
- PUB117 Introduction to Consumer Studies
- PUB380 Casemix Management

**Year 3, Semester 1**
- BSB113 Economics
- MGB334 Managing in a Changing Environment
- 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
- Double Major Unit
- Double Major Unit

**Year 4, Semester 1**
- PUB511 Health Policy, Planning and Evaluation
- PUB514 Contract/project Management
- Double Major Unit
- Double Major Unit

**Year 4, Semester 2**
- BSB313 Business Strategy and Technology
- BSB418 Health Computer Systems
- PUB609 Health Resource Allocation
- PUB875 Professional Practice
- Double Major Unit

**Electronic Business Elective Unit List:**
- AMB241 E-Marketing Strategies
- AYB221 Computerised Accounting Systems
- ITB233 Enterprise Systems Applications
- ITB510 Data Communications
- ITB823 Web Sites for Electronic Commerce
- ITB827 Fundamentals of Enterprise Systems
- IBB223 Emerging Technologies and International Business
- MGB216 Managing Technology, Innovation and Knowledge

### Bachelor of Business Information Management (IF11)

**Award title:** Bachelor of Business Information Management  
**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 Recognition**
Australian Computer Society. Accreditation is also being sought from the Australian Institute of Management.

**Course Structure**
*Please note that this structure is subject to final approval*

**Year 1, Semester 1**
- Introduction to Databases
- Introduction to Programming
- Introduction to Electronic Commerce
- Management, People & Organisations

**Year 1, Semester 2**
- Application Programming
- Information Management
- Accounting
- Marketing & International Business

**Year 2, Semester 1**
- Data Communications
- Systems Analysis & Design
- Electronic Business Applications
- Computerised Accounting Systems

**Year 2, Semester 2**
- Electronic Business Information Systems
- Management Support Systems
- Legal Issues in Electronic Business
- Venture Skills

**Year 3, Semester 1**
- Fundamentals of Enterprise Systems
- Managing in a Changing Environment
- Elective
- Elective

**Year 3, Semester 2**
- Web Sites for Electronic Commerce
- Project Management
- Elective
- Elective

### Bachelor of Business/Bachelor of Information Technology (Information Systems) (IF48)

**Award title:** Bachelor of Business (Study Area A)/Bachelor of Information Technology (Information Systems)  
**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:** Assoc Prof Michael Rosemann (InfoTech); Mr Andrew Paltridge (Business)

**Professional Membership**
Students completing the Bachelor of Business degree may, subject to choice of major, extended major and elective 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 (Queensland Division), Australasian Institute of Export, 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.

Course Design
Students are required to complete 432 credit points comprised of 216 credit points from the Bachelor of Business program and 216 credit points from the Bachelor of Information Technology program. Students must complete 72 credit points of faculty core units in the 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 - Accountancy (for students seeking professional recognition)

Year 1, Semester 1
ITB225 Introduction to Databases
ITB310 Organisational Information Systems
ITB410 Software Development 1
ITB412 Technology of Information Systems

Year 1, Semester 2
BSB110 Accounting
BSB111 Business Law and Ethics
BSB113 Economics
BSB122 Business Information Analysis & Communication

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
ITB107 Programming Laboratory
ITB222 Business Systems Analysis
ITB229 Information Systems Specification
ITB510 Data Communications

Year 3, Semester 1
AYB220 Company Accounting
BSB114 Government, Business and Society

Year 3, Semester 2
AYB221 Computerised Accounting Systems
AYB225 Management Accounting 1

Year 4, Semester 1
ITB219 Application Programming
ITB227 Web Applications
ITB232 Database Systems

Year 4, Semester 2
ITB228 Enterprise Systems

Year 5, Semester 1
AYB301 Auditing
ITB240 Project (Information Systems)

Course Structure - Advertising

Year 1, Semester 1
ITB225 Introduction to Databases
ITB310 Organisational Information Systems
ITB410 Software Development 1
ITB412 Technology of Information Systems

Year 2, Semester 1
ITB107 Programming Laboratory
ITB222 Business Systems Analysis
ITB229 Information Systems Specification
ITB510 Data Communications

Year 3, Semester 1
AYB221 Advertising Copywriting
BSB110 Accounting

Year 3, Semester 2
AMB222 Media Planning
AMB320 Advertising Management

Year 4, Semester 1
ITB219 Application Programming
ITB227 Web Applications
Course Structure - Economics

Year 1, Semester 1
ITB225 Introduction to Databases
ITB310 Organisational Information Systems
ITB410 Software Development 1
ITB412 Technology of Information Systems

Year 1, Semester 2
BSB110 Accounting
BSB113 Economics
BSB114 Government, Business and Society
BSB122 Business Information Analysis & Communication

Year 2, Semester 1
BSB115 Management, People and Organisations
EFB101 Data Analysis for Business
EFB102 Economics 2
EFB210 Finance 1

Year 2, Semester 2
ITB107 Programming Laboratory
ITB222 Business Systems Analysis
ITB229 Information Systems Specification
ITB510 Data Communications

Year 3, Semester 1
BSB126 Marketing
EFB201 Financial Markets
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
ITB219 Application Programming
ITB227 Web Applications
ITB232 Database Systems

Year 4, Semester 2
ITB228 Enterprise Systems
IS Subject Area Elective Unit
IS Subject Area Elective Unit
IS Subject Area Elective Unit

Year 5, Semester 1
ITB240 Project (Information Systems)
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit

Course Structure - Electronic Business

Year 1, Semester 1
ITB225 Introduction to Databases
ITB310 Organisational Information Systems
ITB410 Software Development 1
ITB412 Technology of Information Systems

Year 2, Semester 1
BSB110 Accounting
BSB114 Government, Business and Society
BSB122 Business Information Analysis & Communication
BSB126 Marketing

Year 2, Semester 2
ITB107 Programming Laboratory
ITB222 Business Systems Analysis
IS Subject Area Unit

Year 3, Semester 1
MGB334 Managing in a Changing Environment
Electronic Business Elective
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit

Year 3, Semester 2
BSB213 Legal Issues in Electronic Business
BSB313 Business Strategy and Technology
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit

Year 4, Semester 1
ITB219 Application Programming
ITB227 Web Applications
ITB232 Database Systems
IS Subject Area Elective Unit

Year 4, Semester 2
ITB228 Enterprise Systems
IS Subject Area Elective Unit
IS Subject Area Elective Unit
IS Subject Area Elective Unit

Year 5, Semester 1
ITB240 Project (Information Systems)
IS Subject Area Elective Unit
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit

Electronic Business Elective List:

AMB230 Internet Promotion
AMB241 E-Marketing Strategies
AYB221 Computerised Accounting Systems
IBB223 Emerging Technologies and International Business
Course Structure - Human Resource Management

Year 1, Semester 1
ITB225 Introduction to Databases
ITB310 Organisational Information Systems
ITB410 Software Development 1
ITB412 Technology of Information Systems

Year 1, Semester 2
BSB113 Economics
BSB114 Government, Business and Society
BSB115 Management, People and Organisations
BSB122 Business Information Analysis & Communication

Year 2, Semester 1
BSB110 Accounting
MGB207 Human Resource Issues and Strategy
MGB220 Management Research Methods
MGB222 Managing Organisations

Year 2, Semester 2
ITB107 Programming Laboratory
ITB222 Business Systems Analysis
ITB510 Data Communications
ITB229 Information Systems Specification

Year 3, Semester 1
BSB126 Marketing
MGB211 Organisational Behaviour
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit

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
ITB219 Application Programming
ITB227 Web Applications
ITB232 Database Systems
IS Subject Area Elective Unit

Year 4, Semester 2
ITB228 Enterprise Systems
IS Subject Area Elective
IS Subject Area Elective
IS Subject Area Elective

Year 5, Semester 1
ITB240 Project (Information Systems)
IS Subject Area Elective

Course Structure - International Business

Year 1, Semester 1
ITB225 Introduction to Databases
ITB310 Organisational Information Systems
ITB410 Software Development 1
ITB412 Technology of Information Systems

Year 1, Semester 2
BSB114 Government, Business and Society
BSB115 Management, People and Organisations
BSB122 Business Information Analysis & Communication
BSB126 Marketing

Year 2, Semester 1
BSB110 Accounting
BSB113 Economics
IBB210 Export Management
Double Major/Extended Major/Specialisation Unit

Year 2, Semester 2
ITB107 Programming Laboratory
ITB222 Business Systems Analysis
ITB510 Data Communications
ITB229 Information Systems Specification

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
IBB300 International Business Strategy

Year 4, Semester 1
ITB219 Application Programming
ITB227 Web Applications
ITB232 Database Systems
IS Subject Area Elective Unit

Year 4, Semester 2
ITB228 Enterprise Systems
IS Subject Area Elective Unit
IS Subject Area Elective Unit
IS Subject Area Elective Unit

Year 5, Semester 1
ITB240 Project (Information Systems)
IS Subject Area Elective Unit
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit

Course Structure - Management

Year 1, Semester 1
ITB225 Introduction to Databases
ITB310 Organisational Information Systems
ITB410 Software Development 1
ITB412 Technology of Information Systems

Year 1, Semester 2
BSB113 Economics
BSB114 Government, Business and Society
BSB115 Management, People and Organisations
BSB122 Business Information Analysis & Communication

Year 2, Semester 1
BSB110 Accounting
BSB126 Marketing
MGB220 Management Research Methods
MGB222 Managing Organisations

Year 2, Semester 2
ITB107 Programming Laboratory
ITB222 Business Systems Analysis
ITB229 Information Systems Specification
ITB510 Data Communications

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
ITB219 Application Programming
ITB227 Web Applications
ITB232 Database Systems
IS Subject Area Elective Unit

Year 4, Semester 2
ITB242 Data Warehousing for Decision Support
IS Subject Area Elective Unit
IS Subject Area Elective Unit
IS Subject Area Elective Unit

Year 5, Semester 1
ITB240 Project (Information Systems)
IS Subject Area Elective Unit
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit

Course Structure - Marketing

Year 1, Semester 1
ITB225 Introduction to Databases
ITB310 Organisational Information Systems
ITB410 Software Development 1
ITB412 Technology of Information Systems

Year 1, Semester 2
BSB114 Government, Business and Society
BSB115 Management, People and Organisations
UNIVERSITY-WIDE AND INTERFACULTY COURSES

BSB122 Business Information Analysis & Communication
BSB126 Marketing

**Year 2, Semester 1**
- AMB200 Consumer Behaviour
- AMB240 Marketing Planning and Management
- BSB113 Economics
- Double Major/Extended Major/Specialisation Unit

**Year 2, Semester 2**
- ITB107 Programming Laboratory
- ITB222 Business Systems Analysis
- ITB510 Data Communications
- Double Major/Extended Major/Specialisation Unit

**Year 3, Semester 1**
- AMB201 Market and Audience Research
- AMB241 E-Marketing Strategies
- Double Major/Extended Major/Specialisation Unit

**Year 3, Semester 2**
- AMB341 Strategic Marketing
- BSB110 Accounting
- Double Major/Extended Major/Specialisation Unit

**Year 4, Semester 1**
- ITB219 Application Programming
- ITB227 Web Applications
- ITB232 Database Systems
- IS Subject Area Unit

**Year 4, Semester 2**
- ITB107 Programming Laboratory
- ITB222 Business Systems Analysis
- ITB229 Information Systems Specification
- ITB510 Data Communications

**Year 5, Semester 1**
- AMB201 Market and Audience Research
- AMB260 Public Relations Theory and Practice
- AMB261 Media Relations and Publicity
- Double Major/Extended Major/Specialisation Unit

**Course Structure - Public Relations**

**Year 1, Semester 1**
- ITB225 Introduction to Databases
- ITB310 Organisational Information Systems
- ITB410 Software Development 1
- ITB412 Technology of Information Systems

**Year 1, Semester 2**
- BSB114 Government, Business and Society
- BSB115 Management, People and Organisations
- BSB122 Business Information Analysis & Communication
- BSB126 Marketing

**Year 2, Semester 1**
- AMB201 Market and Audience Research
- AMB260 Public Relations Theory and Practice
- AMB261 Media Relations and Publicity
- Double Major/Extended Major/Specialisation Unit

**Year 2, Semester 2**
- ITB107 Programming Laboratory
- ITB222 Business Systems Analysis
- ITB229 Information Systems Specification
- ITB510 Data Communications

**Year 3, Semester 1**
- AMB241 E-Marketing Strategies
- AMB340 Services Marketing
- ITB220 Database Design
- ITB411 Software Development 2

**Year 3, Semester 2**
- KMB626 Music and Sound Technology
- KMB621 Sound Recording and Acoustics

**Year 4, Semester 1**
- KIB801 Foundations of Communication Design 1
- KIB807 Media Technology 1
- ITB410 Software Development 1
- ITB412 Technology of Information Systems

**Year 4, Semester 2**
- KIB803 Temporal Media
- ITB441 Graphics
- ITB448 Object Technology

**Year 5, Semester 1**
- KIB805 Design Project A
- KIB860 Project

**Communication Design Electives**

**Semester 1**
- KIB815 Interaction Design 2
- KIB820 3-D Animation 2
- KMB619 Music and Sound Technology
- KMB621 Sound Recording and Acoustics

**Semester 2**
- KIB817 Project Management
- KIB819 Electronic Publishing
- KIB821 Virtual Reality
## Bachelor of Creative Industries (Dance)/Bachelor of Education (Secondary) (IF75)

**Award title:** Bachelor of Creative Industries (Dance)/Bachelor of Education

**CRICOS code:** 040314F

**Location:** Kelvin Grove

**Course duration (full-time):** 4 years

**Total credit points:** 432

**Standard credit points per semester (full-time):** 54 (average)

**Course coordinator:** Education Coordinator: Dr Gordon Tait; Creative Industries: Mr Evan Jones

### Course Structure

Students are required to complete 240 credit points in units offered by the Faculty of Arts plus 192 credit points in units offered by the Faculty of Education. The following four Education units are taken over the first five semesters: Language, Technology and Education; Education in Context; Human Development and Education; and Psychology of Teaching and Learning. Second Teaching areas which may be studied are Drama, Music, Visual Arts, English, Film and Media (limited places), Geography, History and LOTE. 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.

### Dance with STA other than Drama, VisArts, Music, LOTE

#### Year 1, Semester 1
- Creative Industries Core Unit
- KDB180 Dance Technique Studies 1
- KDX104 Architecture of the Body

- Education Unit (See Faculty of Education Component)

#### Year 1, Semester 2
- KDB143 Choreographic Studies 1
- KDB114 Australian Dance
- KDB183 Dance Technique Studies 4

- Select one of the following three units
- KDB106 The Analysis of Modern Dance
- KDB183 Dance Technique Studies 4
- KDX145 Choreographic Studies 3

#### Year 2, Semester 1
- KDB125 Deconstructing Dance in History
- KDB182 Dance Technique Studies 3
- KDX144 Choreographic Studies 2

- Select one of the following two units
- KDB106 The Analysis of Modern Dance
- KDB114 Australian Dance

#### Year 2, Semester 2
- KTB214 Process Drama
- KTB280 Drama as Social Action

#### Year 3, Semester 1
- KTB304 Forming Knowledge

#### Year 3, Semester 2
- KTB318 Forming Knowledge

### Dance with STA in Drama

#### Year 1, Semester 1
- KDX104 Architecture of the Body
- KDB180 Dance Technique Studies 1
- KTB257 Studies in Acting 1

- Education Unit (See Faculty of Education Component)

#### Year 1, Semester 2
- KDX143 Choreographic Studies 1
- KDB114 Australian Dance

- Theatre History: 20th Century Stages

- Choose one of the following two units
- KDB172 World Dance
- KDB176 Popular Dance Styles

#### Year 2, Semester 1
- KDB125 Deconstructing Dance in History
- KDB182 Dance Technique Studies 3
- KDX144 Choreographic Studies 2

- Select one of the following two units
- KTB214 Process Drama
- KTB280 Drama as Social Action

#### Year 3, Semester 1
- KTB304 Forming Knowledge

#### Year 3, Semester 2
- KTB318 Forming Knowledge

### Dance with STA in Visual Arts

#### Year 1, Semester 1
- KDB180 Australian and Indigenous Art
- KDB183 Dance Technique Studies 4

- Education Unit (See Faculty of Education Component)

#### Year 1, Semester 2
- KDB114 Australian Dance

- Select one of the following two units
- KDB172 World Dance
- KDB176 Popular Dance Styles

#### Year 2, Semester 1
- KDB125 Deconstructing Dance in History
- KDB182 Dance Technique Studies 3

- Select one of the following six units
- KDX144 Choreographic Studies 2
- KVP511 Printmaking
- KVP507 Painting
- KVP503 Clay Materials
- KVP509 Photographic Media
- KVP511 Printmaking

#### Year 2, Semester 2
- KTB214 Process Drama
- KTB280 Drama as Social Action

#### Year 3, Semester 1
- KTB304 Forming Knowledge

#### Year 3, Semester 2
- KTB318 Forming Knowledge

### Dance with STA in Music

#### Year 1, Semester 1
- KDB180 Dance Technique Studies 1

- Education Unit (See Faculty of Education Component)

#### Year 1, Semester 2
- KDX143 Choreographic Studies 1
- KDB114 Australian Dance

- Theatre History: 20th Century Stages

- Choose one of the following two units
- KDB172 World Dance
- KDB176 Popular Dance Styles

#### Year 2, Semester 1
- KDB125 Deconstructing Dance in History
- KDB182 Dance Technique Studies 3
- KDX144 Choreographic Studies 2

- Select one of the following two units
- KTB214 Process Drama
- KTB280 Drama as Social Action

#### Year 3, Semester 1
- KDB172 World Dance

#### Year 3, Semester 2
- KDB176 Popular Dance Styles

### Dance with STA in Film and Media

#### Year 1, Semester 1
- KDB180 Australian and Indigenous Art

- Select one of the following two units
- KDB172 World Dance
- KDB176 Popular Dance Styles

#### Year 2, Semester 1
- KDB125 Deconstructing Dance in History
- KDB182 Dance Technique Studies 3

- Select one of the following six units
- KDX144 Choreographic Studies 2
- KVP511 Printmaking
- KVP507 Painting
- KVP503 Clay Materials
- KVP509 Photographic Media
- KVP511 Printmaking

#### Year 2, Semester 2
- KTB214 Process Drama
- KTB280 Drama as Social Action

#### Year 3, Semester 1
- KTB304 Forming Knowledge

#### Year 3, Semester 2
- KTB318 Forming Knowledge
KDB176  Popular Dance Styles

**Year 2, Semester 1**

KDX144  Choreographic Studies 2
KDB125  Deconstructing Dance in History
KDB182  Dance Technique Studies 3
KMB621  Sound Recording and Acoustics
KMB632  Core Musicanship 1

**Year 2, Semester 2**

Creative Industries Core Unit
KDB106  The Analysis of Modern Dance
KDB183  Dance Technique Studies 4
KDX145  Choreographic Studies 3
KMB633  Core Musicanship 2

**Year 3, Semester 1**

CLB305  Education in Context
CLB341  Language, Technology and Education
SPB001  Human Development and Education
SPB002  Psychology of Learning and Teaching

**Dance with STA in LOTE**

**Year 1, Semester 1**

KDX104  Architecture of the Body
KDB180  Dance Technique Studies 1
Education Unit (See Faculty of Education Component)
See List C for LOTE unit

**Year 1, Semester 2**

KDX143  Choreographic Studies 1
KDB114  Australian Dance
Choose one of the following three units
KDB172  World Dance
KDB176  Popular Dance Styles
KDB181  Dance Technique Studies 2
See List C for LOTE unit

**Year 2, Semester 1**

Creative Industries Core Unit
KDB125  Deconstructing Dance in History
KDB182  Dance Technique Studies 3
KDX144  Choreographic Studies 2
Second Teaching Area Unit (List C)

**Year 2, Semester 2**

KDB106  The Analysis of Modern Dance
KDB183  Dance Technique Studies 4
KDX145  Choreographic Studies 3
Choose one of the following two units
KDB172  World Dance
KDB176  Popular Dance Styles
Second Teaching Area Unit (List C)

**Year 3, Semester 1**

CLB305  Education in Context
CLB341  Language, Technology and Education
SPB001  Human Development and Education
SPB002  Psychology of Learning and Teaching

**List A: Creative Industries Core Units**

KKB018  Creative Industries
KKB218  Creativity
KKB418  Transforming Cultures
KKB618  Writing for Creative Industries
KKB818  Introduction to Multimedia Technology

**List B: Drama Electives**

**Drama Electives**

KTB258  Studies in Acting 2
KSB259  The Performance Instrument: Body and Voice
KTB278  Technical Theatre
KTB252  Theatre History: the Sound of Theatre
KTB253  Theatre History: Staging Australia

**List C: Second Teaching Area Units**

**English**

(48 credit points) Required Unit:

CLB320  Studies in Language
KCB140  Media and Society: From Printing Press to Internet
KW716  Introduction to Literary and Cultural Studies
No less than 24 credit points from Advanced Level Units:

CLB322  Literature in Teaching
CLB323  Teaching Adolescent Literature
KW625  American Stories
KW710  Ozlit

KWB712  Youth Writing
KWB724  Wonderlands: Literature and Culture in the 19th Century
KWB725  Popular Fictions, Popular Culture
KWB729  Shakespeare, Then and Now
KWB730  Texts, Meanings and Criticisms

**History**

Up to 24 credit points from Introductory Units:

HHB121  Interpreting the Past
HHB122  Colonialism and Independence in Asia Pacific

No less than 24 credit points from Advanced Units:

HHB238  Asian Cultures and Societies
HHB245  Australia and the South Pacific
HHB315  Sex and Drugs in South East Asia
HHB248  The USA and the Asia Pacific Region
HHB259  War and Revolution in Europe 1914-1945
HHB253  Conspiracy and Dissent in Australian History
HHB256  Europe Since 1945
HHB260  Nations and Nationalism in Modern Europe
HHB109  Australian Historical Studies
Korean Culture and Societies

**Geography (48 credit points)**

Up to 24 credit points from introductory units:

HHB227  Environment and Society
HHB107  World Regions
HHB228  Environmental Hazards
HHB251  Australian Resource Management
No less than 24 credit points from Advanced units:

HHB250  Australian Geographical Studies
HHB229  Windows on Japan
HHB269  Ethics, Technology and the Environment

**Languages Other than English (LOTE)**

**Indonesian**

HHB073  Indonesian 3
HHB074  Indonesian 4
HHB075  Indonesian 5
HHB076  Indonesian 6

**Japanese**

HHB083  Japanese 3
HHB084  Japanese 4
HHB085  Japanese 5
HHB086  Japanese 6

**French**

HHB063  French 3
HHB064  French 4
HHB065  French 5
HHB066  French 6

**German**

HHB093  German 3
HHB094  German 4
HHB095  German 5
HHB096  German 6

**Film & Media (48 Credit Points)**

Units from FTV Production

KPB111  Media Writing
KPB141  Film and Television Language
KPB155  Media Production
KPB260  Community and Educational Video
KPB314  Media Business
KPB118  Fundamentals of Photography
KPB358  Documentary Theory and Practice

Plus two units from the following Screen Studies Units

KPB130  Media Text Analysis
KPB209  Australian Television
KPB233  Television Cultures
KPB343  Australian Film
KPB147  Film and Television Genres
KPB305  American Film
KPB307  Feminist Screen Studies
KPB359  Film History
KPB344  International Cinema
KPB311  Asian Film and Media

**Education Component**

**Course Structure**

CLB305, SPB001, SPB002 and CLB341 must be completed in the first five semesters of the course.

**Year 3, Semester 2**

EDB450  Secondary Professional Practice 1: Classroom Management
Drama with STA other than Dance and Music

**Year 1, Semester 1**
- Creative Industries Faculty Core Unit - List A
- KTB257 Studies in Acting I
- KSB259 The Performance Instrument: Body and Voice
  Education Unit (See Faculty of Education Component)

**Year 1, Semester 2**
- KTB251 Theatre History: 20th Century Stages
- KTB271 Studies in Directing
- KTB273 Performance 1
- KTB278 Technical Theatre
  Second Teaching Area Unit - List C

**Year 2, Semester 1**
- Creative Industries Core Unit - List A
- KTB214 Process Drama
- KTB308 Performance 2
  Education Unit (See Faculty of Education Component)
  Second Teaching Area Unit (List C)

**Year 2, Semester 2**
- KTB272 Drama and Community Cultural Development
- KTB280 Drama as Social Action
- KTB304 Forming Knowledge
  Elective List B
  Second Teaching Area - List C

**Drama with STA in Dance**

**Year 1, Semester 1**
- Creative Industries Core Unit - List A
- KTB257 Studies in Acting I
- KSB259 The Performance Instrument: Body and Voice
  Education Unit (See Faculty of Education Component)

**Year 1, Semester 2**
- Creative Industries Core Unit - List A
- KDB114 Australian Dance
- KTB251 Theatre History: 20th Century Stages
- KTB271 Studies in Directing
- KTB273 Performance 1

**Year 2, Semester 1**
- KDX104 Architecture of the Body
- KDB180 Dance Technique Studies 1
- KTB214 Process Drama
- KTB308 Performance 2
  Education Unit (See Faculty of Education Component)

**Year 2, Semester 2**
- KDB110 The Analysis of Modern Dance
- KDX143 Choreographic Studies 1
- KTB272 Drama and Community Cultural Development
- KTB280 Drama as Social Action
- KTB304 Forming Knowledge

**Year 3, Semester 1**
- Education Unit (See Faculty of Education Component)
  Education Unit (See Faculty of Education Component)
- KTB253 Theatre History: Staging Australia
  Elective - List B
  Second Teaching Area - List C

**Drama with STA in Music**

**Year 1, Semester 1**
- Creative Industries Core Unit - List A
- KTB257 Studies in Acting I
- KSB259 The Performance Instrument: Body and Voice
  Education Unit (See Faculty of Education Component)

**Year 1, Semester 2**
- KDB110 The Analysis of Modern Dance
- KDX143 Choreographic Studies 1
- KTB272 Drama and Community Cultural Development
- KTB280 Drama as Social Action
- KTB304 Forming Knowledge

**Year 2, Semester 1**
- KDB117 Dance in Education
  Elective - List B
- KTB278 Technical Theatre

**Drama with STA other than Dance and Music**

**Year 1, Semester 1**
- Creative Industries Core Unit - List A
- KTB257 Studies in Acting I
- KSB259 The Performance Instrument: Body and Voice
  Education Unit (See Faculty of Education Component)

**Year 1, Semester 2**
- KTB251 Theatre History: 20th Century Stages
- KTB271 Studies in Directing
- KTB273 Performance 1
- KMB621 Sound Recording and Acoustics
UNIVERSITY-WIDE AND INTERFACULTY COURSES

KMB619 Music and Sound Technology
Education Unit (See Faculty of Education Component)

Year 2, Semester 2
KT252 Drama and Community Cultural Development
KT280 Drama as Social Action
KT304 Forming Knowledge
KM621 Sound Recording and Acoustics

Year 3, Semester 1
KT253 Theatre History: Staging Australia
KT278 Technical Theatre
Education Unit (See Faculty of Education Component)
Education Unit (See Faculty of Education Component)
KM623 Conducting
Music 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
Education Unit (See Faculty of Education Component)

Year 1, Semester 2
Creative Industries Core Unit - List A
KVB701 Modernism
KTB251 Theatre History: 20th Century Stages
KTB271 Studies in Directing
KTB273 Performance 1

Year 2, Semester 1
KVB702 Australian and Indigenous Art
KTB214 Process Drama
KTB208 Drama and Community Cultural Development
KTB280 Drama as Social Action
KTB304 Forming Knowledge
Performance 2

Education Unit (See Faculty of Education Component)
Education Unit (See Faculty of Education Component)

One of the following four units
KVB447 Drawing
KVB457 Sculpture
KVP503 Clay Materials
KVP507 Painting
KVP509 Photographic Media
KVP511 Printmaking

Year 2, Semester 2
KTB272 Drama and Community Cultural Development
KTB280 Drama as Social Action
KT304 Forming Knowledge

Two of the following units
KVB447 Drawing
KVB457 Sculpture
KVP503 Clay Materials
KVP507 Painting
KVP509 Photographic Media
KVP511 Printmaking

Year 3, Semester 1
KTB278 Technical Theatre
Education Unit (See Faculty of Education Component)
Education Unit (See Faculty of Education Component)

Elective - List B
One of the following four units
KVB447 Drawing
KVB457 Sculpture
KVP503 Clay Materials
KVP507 Painting
KVP509 Photographic Media
KVP511 Printmaking

List A: Creative Industries Core Units
KKB018 Creative Industries
KKB218 Creativity
KKB418 Transforming Cultures
KKB618 Writing for Creative Industries
KKB818 Introduction to Multimedia Technology

List B: Creative Industries Open Electives
Semester 1
KPB130 Media Text Analysis
KC8140 Media and Society: From Printing Press to Internet
KCB295 Virtual Cultures
KDB053 Gender Issues in the Visual and Performing Arts
KDB125 Deconstructing Dance in History
KDX104 Architecture of the Body
KJB816 Interactive Writing

KJB811 Visual Interactions
KKB818 Introduction to Multimedia Technology
KKB825 History of Animation
KJB101 Journalism Information Systems
KJB110 Newswriting
KPB118 Fundamentals of Photography
KPB111 Media Writing
KPB233 Television Cultures
KPB209 Australian Television
KPB155 Media Production
KSB259 The Performance Instrument: Body and Voice
KTB062 Arts Event Promotion and Public Relations
KTB208 Elements of Drama
KTB253 Theatre History: Staging Australia
KTB278 Technical Theatre
KTB275 Understanding Theatre
KVB444 Contemporary Visual Arts of Asia
KVB447 Drawing
KVB457 Sculpture
KVP507 Painting
KVB712 Contemporary Art Issues
KVB726 Australian and Indigenous Art
KVP503 Clay Materials
KVP509 Photographic Media
KVP511 Printmaking
KWB250 Introduction to Creative Writing
KWB314 Corporate Writing and Editing
KWB350 Creative Writing and Publishing
KWB625 American Stories
KWB716 Introduction to Literary and Cultural Studies
KWB730 Texts, Meanings and Criticisms

Semester 2
KCB204 Globalisation and New Media
KCB336 New Media Technologies
KDB106 The Analysis of Modern Dance
KDB114 Australian Dance
KDB172 World Dance
KDB176 Popular Dance Styles
KJB814 Applications of Design Technology
KJB819 Electronic Publishing
KJB813 Contemporary Issues in Technology Design
KKB818 Introduction to Multimedia Technology
KJB101 Journalism Information Systems
KJB120 Newswriting
KPB111 Media Writing
KPB118 Fundamentals of Photography
KPB155 Media Production
KPB305 American Film
KPB358 Documentary Theory and Practice
KPB359 Film History
KPB343 Australian Film
KPB311 Asian Film and Media
KPB307 Feminist Screen Studies
KPB344 International Cinema
KPB147 Film and Television Genres
KSB276 Visual Theatre - Design
KTB061 Arts Business Management
KTB251 Theatre History: 20th Century Stages
KTB278 Technical Theatre
KVB447 Drawing
KVP507 Painting
KVB701 Modernism
KVB703 Video Art and Culture
KVP503 Clay Materials
KVP509 Photographic Media
KVP511 Printmaking
KWB150 Film, Crime and Deviance
KWB315 Persuasive Writing
KWB316 Imagining Brisbane
KWB321 Body Matters
KWB350 Creative Writing and Publishing
KWB380 Creative Nonfiction Writing 1
KWB725 Popular Fictions, Popular Culture
KWB729 Shakespeare, Then and Now
KVB457 Sculpture
KVB704 Theories of Spatial Culture
List C: Second Teaching Area Units

**English**

- KPB320 American Film
- KPB147 Film and Television Genres
- KPB343 Australian Film
- KPB233 Television Cultures
- KPB209 Australian Television
- KPB130 Media Text Analysis

**History**

- KWB625 American Stories
- KWB710 Ozit
- KWB712 Youth Writing
- KWB724 Wonderlands: Literature and Culture in the 19th Century
- KWB725 Popular Fictions, Popular Culture
- KWB729 Shakespeare, Then and Now
- KWB730 Texts, Meanings and Criticisms

**Geography (48 credit points)**

- HHB121 Interpreting the Past
- HHB122 Colonialism and Independence in Asia Pacific
- HHB238 Asian Cultures and Societies
- HHB245 Australia and the South Pacific
- HHB315 Sex and Drugs in South East Asia
- HHB248 The USA and the Asia Pacific Region
- HHB259 War and Revolution in Europe 1914-1945
- HHB253 Conspiracy and Dissent in Australian History
- HHB256 Europe Since 1945
- HHB260 Nations and Nationalism in Modern Europe
- HHB109 Australian Historical Studies
- HHB227 Environment and Society
- HHB107 World Regions
- HHB228 Environmental Hazards
- HBB251 Australian Resource Management
- HBB250 Australian Geographical Studies
- HBB229 Windows on Japan

**Languages Other than English (LOTE)**

**Indonesian**

- HHB073 Indonesian 1
- HHB074 Indonesian 2
- HBB075 Indonesian 3
- HBB076 Indonesian 4

**Japanese**

- HBB083 Japanese 1
- HBB084 Japanese 2
- HBB085 Japanese 3
- HBB086 Japanese 4

**French**

- HBB063 French 1
- HBB064 French 2
- HBB065 French 3
- HBB066 French 4

**German**

- HBB093 German 1
- HBB094 German 2
- HBB095 German 3
- HBB096 German 4

**Film & Media (48 Credit Points)**

- Units from FTV Production
  - KPB111 Media Writing
  - KPB141 Film and Television Language
  - KPB155 Media Production
  - KPB260 Community and Educational Video
  - KPB314 Media Business
  - KPB118 Fundamentals of Photography
  - KPB358 Documentary Theory and Practice
  - Plus two units from the following Screen Studies Units
  - KPB310 Media Text Analysis
  - KPB209 Australian Television
  - KPB233 Television Cultures
  - KPB343 Australian Fiction
  - KPB147 Film and Television Genres
  - KPB305 American Film
  - KPB307 Feminist Screen Studies
  - KPB359 Film History
  - KPB344 International Cinema
  - KPB311 Asian Film and Media

**Education Component**

**Course Structure**

- CLB305, SPB001, SPB002 and CLB341 must be completed in the first five semesters of the course.

**Year 3, Semester 2**

- EDB450 Secondary Professional Practice 1: Classroom Management
- EDB451 Secondary Professional Practice 2: Curriculum Decision Making
- KTB414 Drama Curriculum Studies 1
- KTB415 Drama Curriculum Studies 2

**Year 4, Semester 1**

- EDB306 Understanding Educational Practices
- EDB452 Secondary Professional Practice 3: The Inclusive Curriculum
- KTB415 Drama Curriculum Studies 2
- KTB416 Drama Curriculum Studies 3

**Alternative Year 4, Semester 2: Middle Years Pathway**

- EDB443 Professional Internship of Associate Teaching
- SPB008 The Middle Years of Schooling
- SPB022 The Middle Years Curriculum
- EDB453 Secondary Professional Practice 4: The Beginning Teacher

**Curriculum Studies - Second Teaching Area**

**Curriculum Studies 1**

- KDB421 Dance Curriculum Studies 1
- KMP423 Music Curriculum Studies 1
- CLB325 English Curriculum Studies 1
- CLB327 Film and Media Curriculum Studies 1
- CLB361 Geography Curriculum Studies 1
- CLB363 History Curriculum Studies 1
- CLB329 LOTE Curriculum Studies 1
- KVB412 Art Curriculum Studies 1

**Curriculum Studies 2**

- KDB429 Dance Curriculum Studies 2
- KMP431 Music Curriculum Studies 2
- CLB326 English Curriculum Studies 2
- CLB328 Film and Media Curriculum Studies 2
- CLB362 Geography Curriculum Studies 2
- CLB364 History Curriculum Studies 2
- CLB330 LOTE Curriculum Studies 2
- KVB413 Art Curriculum Studies 2

**Education Studies Elective Units**

**List 3**

See Bachelor of Arts/Bachelor of Education (Secondary) in this section.

**Curriculum Studies Electives**

**List 4**

See Bachelor of Arts/Bachelor of Education (Secondary) in this section.

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**Bachelor of Creative Industries (Media Studies)/Bachelor of Business (IF09)**

**Award title**: Bachelor of Creative Industries (Media Studies)/Bachelor of Business

**CRICOS code**: 040286E

**Location**: Gardens Point

**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**: Creative Industries: Dr Christina Spurgeon; Business: Mr Andrew Paltridge.

**Professional Membership**

Depending on the choice of major, extended major or specialisation graduates may be eligible for membership of:
• International Business - Economic Society of Australia, Australasian Institute of Export.
• Public Relations - Public Relations Institute of Australia.
• The Journalism degree is recognised by the Australian Journalists Association section of the Media Entertainment and Arts Alliance.

Course Structure - Advertising (8 Semester Concurrent Model)
Year 1, Semester 1
BSB122 Business Information Analysis & Communication
BSB126 Marketing
KJB140 Media & Society: From the Printing Press to the Internet

Year 1, Semester 2
AMB200 Consumer Behaviour
AMB220 Advertising Theory and Practice
KPB147 Film and Television Genres

Year 2, Semester 1
AMB222 Media Planning
BSB119 International & Electronic Business
KPB130 Media Text Analysis
KPB141 Film and Television Language

Year 2, Semester 2
AMB221 Advertising Copywriting
KCB204 Globalisation and New Media
KCB336 New Media Technologies

Year 3, Semester 1
BSB113 Economics
BSB115 Management, People and Organisations
KCB349 Media Audiences

Year 3, Semester 2
BSB110 Accounting
BSB114 Government, Business and Society

Course Structure - Advertising (9 Semester Concurrent Model)
Year 1, Semester 1
BSB122 Business Information Analysis & Communication
BSB126 Marketing
KJB140 Media & Society: From the Printing Press to the Internet

Year 1, Semester 2
AMB200 Consumer Behaviour
AMB220 Advertising Theory and Practice
KPB147 Film and Television Genres

Year 2, Semester 1
AMB222 Media Planning
BSB119 International & Electronic Business
KPB130 Media Text Analysis
KPB141 Film and Television Language

Year 2, Semester 2
AMB221 Advertising Copywriting
KCB204 Globalisation and New Media
KCB336 New Media Technologies

Year 3, Semester 2
BSB122 Business Information Analysis & Communication

Course Structure - International Business (With No Language - 8 Semester Concurrent Model)
Year 1, Semester 1
BSB114 Government, Business and Society
BSB119 International & Electronic Business

Year 1, Semester 2
AMB200 Consumer Behaviour
AMB220 Advertising Theory and Practice
KPB147 Film and Television Genres

Year 2, Semester 1
AMB222 Media Planning
BSB119 International & Electronic Business
KPB130 Media Text Analysis
KPB141 Film and Television Language

Year 2, Semester 2
AMB221 Advertising Copywriting
KCB204 Globalisation and New Media
KCB336 New Media Technologies

Year 3, Semester 2
BSB122 Business Information Analysis & Communication

University-Wide and Interfaculty Courses

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Double Major/Extended Major/Specialisation Unit
One of the following:
KPB305 American Film
KPB358 Documentary Theory and Practice

Year 4, Semester 1
BSB111 Business Law and Ethics
KPB343 Australian Film
Creative Industries Elective* Double Major/Extended Major/Specialisation Unit
One of the following:
KPB307 Feminist Screen Studies
KPB311 Asian Film and Media
KPB344 International Cinema

Course Structure - International Business (With No Language - 9 Semester Concurrent Model)

Year 1, Semester 1
BSB114 Government, Business and Society
BSB119 International & Electronic Business
KJB140 Media & Society: From the Printing Press to the Internet
Creative Industries Core Unit*

Year 1, Semester 2
BSB113 Economics
BSB115 Management, People and Organisations
KPB147 Film and Television Genres
Creative Industries Core Unit*

Year 2, Semester 1
IBB202 Business and the World Economy
IBB211 Globalisation and New Media
KCB204 Globalisation and New Media Technologies
KCB336 New Media Technologies

Year 2, Semester 2
IBB210 Export Management
KCB349 Media Audiences
Language 1

Year 3, Semester 1
BSB114 Government, Business and Society
BSB122 Business Information Analysis & Communication
KCB349 Media Audiences
Language 2
OR
IBB205 Cross-Cultural Communication and Negotiation
One of the following:
KPB209 Australian Television
KPB233 Television Cultures
KCB295 Virtual Cultures

Year 3, Semester 2
BSB110 Accounting
IBB211 Globalisation and Business
Creative Industries Core Unit*
Language 3

Year 4, Semester 1
BSB119 International & Electronic Business
KJB140 Media & Society: From the Printing Press to the Internet
Creative Industries Core Unit*
Language 4

Year 4, Semester 2
BSB111 Business Law and Ethics
KJB140 Media & Society: From the Printing Press to the Internet
Creative Industries Core Unit*
Language 5

Course Structure - International Business (With Language - 8 Semester Concurrent Model)

Year 1, Semester 1
BSB119 International & Electronic Business
KJB140 Media & Society: From the Printing Press to the Internet
Creative Industries Core Unit*
Language 1

Year 1, Semester 2
BSB113 Economics
KCB336 New Media Technologies
KPB147 Film and Television Genres
Language 2

Year 2, Semester 1
BSB126 Marketing
KPB130 Media Text Analysis
KPB141 Film and Television Language
Language 3

Year 2, Semester 2
IBB202 Business and the World Economy
KCB204 Globalisation and New Media
KCB336 New Media Technologies
Language 4

Year 3, Semester 1
BSB114 Government, Business and Society
BSB122 Business Information Analysis & Communication
KCB349 Media Audiences
Language 5
OR
IBB205 Cross-Cultural Communication and Negotiation
One of the following:
KPB305 American Film
KPB358 Documentary Theory and Practice

Year 4, Semester 1
BSB115 Management, People and Organisations
IBB210 Export Management
Area Study 1

Year 4, Semester 2
BSB111 Business Law and Ethics
IBB300 International Business Strategy
Creative industries Elective*
Area Study 2
One of the following:
KPB307 Feminist Screen Studies
KPB311 Asian Film and Media
KPB344 International Cinema

Course Structure - International Business (With Language - 9 Semester Concurrent Model)

Year 1, Semester 1
BSB119 International & Electronic Business
KJB140 Media & Society: From the Printing Press to the Internet
Creative Industries Core Unit*
Language 1

Year 1, Semester 2
BSB113 Economics
KCB336 New Media Technologies
KPB147 Film and Television Genres
Language 2

Year 2, Semester 1
BSB126 Marketing
KPB130 Media Text Analysis
KPB141 Film and Television Language
Language 3

Year 2, Semester 2
IBB202 Business and the World Economy
KCB204 Globalisation and New Media
KPB336  New Media Technologies
Language 4

Year 3, Semester 1
BSB122  Business Information Analysis & Communication
KCB349  Media Audiences
Language 5
OR
IBB205  Cross-Cultural Communication and Negotiation
KPB209  Australian Television
KPB233  Television Cultures
KCB295  Virtual Cultures

Year 3, Semester 2
IBB211  Globalisation and Business
Creative Industries Core Unit*
Language 6
OR
International Business Elective Unit (IBB2xx, IBB3xx)

One of the following:
KPB305  American Film
KPB358  Documentary Theory and Practice

Year 4, Semester 1
IBB210  Export Management
KPB343  Australian Film
Area Study 1
Creative Industries Elective

Year 4, Semester 2
BSB114  Government, Business and Society
IBB300  International Business Strategy
Area Study 2
One of the following:
KPB307  Feminist Screen Studies
KPB311  Asian Film and Media
KPB344  International Cinema

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

Course Structure - Public Relations (8 Semester Concurrent Model)

Year 1, Semester 1
BSB122  Business Information Analysis & Communication
BSB126  Marketing
KJB140  Media & Society: From the Printing Press to the Internet
Creative Industries Core Unit

Year 1, Semester 2
AMB260  Public Relations Theory and Practice
BSB119  International & Electronic Business
KPB147  Film and Television Genres
Creative Industries Core Unit

Year 2, Semester 1
AMB261  Media Relations and Publicity
KPB130  Media Text Analysis
KPB141  Film and Television Language

Year 2, Semester 2
AMB262  Public Relations Writing
KCB295  Virtual Cultures

Year 3, Semester 1
BSB113  Economics
BSB115  Management, People and Organisations
KCB349  Media Audiences
Double Major/Extended Major/Specialisation Unit
One of the following:
KPB209  Australian Television
KPB233  Television Cultures

Year 3, Semester 2
KCB295  Virtual Cultures

Year 4, Semester 2
BSB110  Accounting
BSB114  Government, Business and Society
Creative Industries Core Unit
Double Major/Extended Major/Specialisation Unit
One of the following:
KPB305  American Film
KPB358  Documentary Theory and Practice

Year 4, Semester 1
AMB360  Corporate Communication Management
BSB111  Business Law and Ethics
KPB343  Australian Film
Creative Industries Elective
Double Major/Extended Major/Specialisation Unit

Course Structure - Public Relations (9 Semester Concurrent Model)

Year 1, Semester 1
BSB122  Business Information Analysis & Communication
BSB126  Marketing
KJB140  Media & Society: From the Printing Press to the Internet
Creative Industries Core Unit

Year 1, Semester 2
AMB260  Public Relations Theory and Practice
BSB119  International & Electronic Business
KPB147  Film and Television Genres
Creative Industries Core Unit

Year 2, Semester 1
AMB261  Media Relations and Publicity
KPB130  Media Text Analysis
KPB141  Film and Television Language

Year 2, Semester 2
AMB262  Public Relations Writing
KCB295  Virtual Cultures

Year 3, Semester 1
BSB115  Management, People and Organisations
KCB349  Media Audiences
Double Major/Extended Major/Specialisation Unit
One of the following:
KPB209  Australian Television
KPB233  Television Cultures

Year 3, Semester 2
KCB295  Virtual Cultures

Year 4, Semester 2
AM2360  Corporate Communication Management
BSB111  Business Law and Ethics
KPB343  Australian Film
Double Major/Extended Major/Specialisation Unit

Year 4, Semester 1
AMB361  Public Relations Campaigns
Creative Industries Elective
Double Major/Extended Major/Specialisation Unit
One of the following:
KPB307  Feminist Screen Studies
KPB311  Asian Film and Media
KPB344  International Cinema

Year 5, Semester 1
BSB110  Accounting
BSB114  Government, Business and Society
Creative Industries Elective
Double Major/Extended Major/Specialisation Unit

*Creative Industries Faculty Core Units and Electives:
Please see Bachelor of Journalism/Bachelor of Law (IF07)

■ Bachelor of Creative Industries (Media Studies)/Bachelor of Laws (IF10)
Award title: Bachelor of Creative Industries (Media Studies)/Bachelor of Laws
CRICOS code: 040288C
Location: Gardens Point
Course duration (full-time): 5 years
Course coordinator: Creative Industries: Dr Christina Spurgeon, Law: Director, Undergraduate Programs

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

Semester 1, Year 1
KPB140 Media and Society: From Printing Press to Internet
KPB130 Media Text Analysis
LWB141 Legal Institutions and Method
LWB142 Law, Society and Justice

Semester 2, Year 1
KPB147 Film and Television Genres
KCB336 New Media Technologies
LWB143 Legal Research and Writing
LWB144 Laws and Global Perspectives

Semester 1, Year 2
KPB141 Film and Television Language
KCB336 Creative Industries Core Unit - See List A
LWB136 Contracts A
Two of the following:
KPB233 Television Cultures
KPB209 Australian Television
KCB295 Virtual Cultures

Semester 2, Year 2
KJB275 Media and Society
LWB137 Contracts B
One of the following:
KPB305 American Film
KPB358 Documentary Theory and Practice
KCB204 Globalisation and New Media

Semester 1, Year 3
KPB343 Australian Film
LWB138 Fundamentals of Torts
LWB238 Fundamentals of Criminal Law

Semester 2, Year 3
LWB139 Select Issues in Torts
LWB239 Criminal Responsibility
Two of the following:
KPB307 Feminist Screen Studies
KPB344 International Cinema
KPB311 Asian Film and Media

Semester 1, Year 4
LWB231 Introduction to Public Law
LWB236 Real Property A
LWB240 Principles of Equity
LWB332 Commercial and Personal Property Law
LWB333 Theories of Law

Semester 2, Year 4
LWB235 Australian Federal Constitutional Law
LWB237 Real Property B
LWB241 Trusts
LWB331 Administrative Law
LWB334 Corporate Law

Semester 1, Year 5
LWB431 Civil Procedure
LWB432 Evidence
LWB434 Advanced Research and Legal Reasoning
LWB433 Professional Responsibility

List A - Creative Industries Core Units
Please see Bachelor of Journalism/Bachelor of Law (IF07)

List B - Creative Industries Open Electives
Please see Bachelor of Journalism/Bachelor of Law (IF07)

■ Bachelor of Creative Industries (Visual Arts)/Bachelor of Education (Secondary) (IF78)
Award title: Bachelor of Creative Industries (Visual Arts)/Bachelor of Education
CRICOS code: 040316D
Location: Kelvin Grove
Course duration (full-time): 4 years
Total credit points: 432
Standard credit points per semester (full-time): 54 (average)
Course coordinator: Dr Gordon Tait (Education); Assoc Prof Dave Hawke (Creative Industries)

General
This four-year double degree qualifies graduates to teach as art teachers in secondary school Art in Australian schools. In the first two years students undertake practical and theoretical introductory studies about artistic ideas, concepts and aesthetic judgements as well as working in two- and/or three-dimensional media. Studio areas include Painting, Printmaking, and Sculpture with supporting areas of Drawing and Photography. Students study a second teaching area selected from Dance, Drama, Music, English, Film and Media Studies, Geography, History and Languages. In the final two years, students concentrate on teacher preparation, equipping them, through art curriculum units, with the skills to be effective art educators.

Students with STA areas other than Dance, Drama, Music or LOTE

Year 1, Semester 1
KVB740 Studio Art Practice 1
KVB702 Australian and Indigenous Art
Visual Arts Elective - List B

Creative Industries Core Unit - List A

Year 1, Semester 2
KVB741 Studio Art Practice 2
Education Unit (See Faculty of Education Component)
Second Teaching Area - List C
Visual Arts Elective - List B

Year 2, Semester 1
KVB742 Studio Art Practice 3
Creative Industries Core Unit - List A
Second Teaching Area - List C
Education Unit (See Faculty of Education Component)

Year 2, Semester 2
KKB056 Professional Studies
KVB701 Modernism
Visual Arts Elective - List B
Visual Arts Elective - List B
Second Teaching Area - List C

Year 3, Semester 1
Education Unit (See Faculty of Education Component)
Education Unit (See Faculty of Education Component)
Visual Arts Elective - List B
Second Teaching Area - List C

with STA area in Dance

Year 1, Semester 1
KVB740 Studio Art Practice 1
KVB702 Australian and Indigenous Art
KDX104 Architecture of the Body
Creative Industries Core Unit - List A

Year 1, Semester 2
KVB741 Studio Art Practice 2
UNIVERSITY-WIDE AND INTERFACULTY COURSES

KDB114 Australian Dance
Education Unit (See Faculty of Education Component)
Visual Arts Elective - List B

Year 2, Semester 1
KVB742 Studio Art Practice 3
Creative Industries Core Unit - List A
Education Unit (See Faculty of Education component)
KDB180 Dance Technique Studies 1

Year 2, Semester 2
KKB056
KVB701 Modernism
Visual Arts Elective - List B
KDX143 Choreographic Studies 1
KDB106 The Analysis of Modern Dance

Year 3, Semester 1
Education Unit (See Faculty of Education Component)
Education Unit (See Faculty of Education Component)
Visual Arts Elective - List B
KDB117 Dance in Education

with STA 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
Education Unit (See Faculty of Education Component)
KTB251 Theatre History: 20th Century Stages
KTB304 Forming Knowledge

Year 2, Semester 1
KVB742 Studio Art Practice 3
Creative Industries Core Unit - List A
Education Unit (See Faculty of Education component)
KTB214 Process Drama

Year 2, Semester 2
KKB056
KVB701 Modernism
Visual Arts Elective - List B
Visual Arts Elective - List B

with STA in LOTE
Year 1, Semester 1
KVB740 Studio Art Practice 1
Creative Industries Core Unit - List A
KVB702 Australian and Indigenous Art

Year 1, Semester 2
KVB741 Studio Art Practice 2
Creative Industries Core Unit - See List A
Education Unit (See Faculty of Education Component)

Year 2, Semester 1
KVB742 Studio Art Practice 3
Creative Industries Core Unit - See List A
Education Unit (See Faculty of Education Component)

Year 2, Semester 2
KKB056
KVB701 Modernism

Year 3, Semester 1
Education Unit (See Faculty of Education Component)
Education Unit (See Faculty of Education Component)
Visual Arts Elective - List B

List A: Creative Industries Core Units
See Bachelor of Creative Industries (Drama)/Bachelor of Education (Secondary) (IF76) in this section.

Visual Arts Electives
KVB447 Drawing
KVB457 Sculpture
KVP503 Clay Materials
KVP507 Painting
KVP509 Photographic Media
KVP511 Printmaking

List C: Second Teaching Area Units
See Bachelor of Creative Industries (Drama)/Bachelor of Education (Secondary) (IF76) in this section.

Education Component

Course Structure
CLB305, SPB001, SPB002 and CLB341 must be completed in the first five semesters of the course.

Year 3, Semester 2
EDB450 Secondary Professional Practice 1: Classroom Management
EDB451 Secondary Professional Practice 2: Curriculum Decision Making
KVB412 Art Curriculum Studies 1
Curriculum Studies 1 (Second Teaching Area)

Year 4, Semester 1
CLB306 Understanding Educational Practices
EDB452 Secondary Professional Practice 3: The Inclusive Curriculum
KVB413 Art Curriculum Studies 2
Curriculum Studies 2 (Second Teaching Area)

Year 4, Semester 2
EDB453 Secondary Professional Practice 4: The Beginning Teacher
Curriculum Studies Elective (See List 3)
Curriculum Studies Elective (See List 3)
Curriculum Studies Elective (See List 4)

Alternative Year 4, Semester 2: Middle Years Pathway
EDB443 Professional Internship of Associate Teaching
SPB008 The Middle Years of Schooling
SPB022 The Middle Years Curriculum
EDB453 Secondary Professional Practice 4: The Beginning Teacher

Curriculum Studies - Second Teaching Area

Curriculum Studies 1
KDB421 Dance Curriculum Studies 1
KTB414 Drama Curriculum Studies 1
KMP423 Music Curriculum Studies 1
CLB325 English Curriculum Studies 1
CLB327 Film and Media Curriculum Studies 1
CLB361 Geography Curriculum Studies 1
CLB363 History Curriculum Studies 1
CLB329 LOTE Curriculum Studies 1

Curriculum Studies 2
KDB429 Dance Curriculum Studies 2
KTB415 Drama Curriculum Studies 2
KMP431 Music Curriculum Studies 2
CLB326 English Curriculum Studies 2
CLB328 Film and Media Curriculum Studies 2
CLB362 Geography Curriculum Studies 2
CLB364 History Curriculum Studies 2
CLB330 LOTE Curriculum Studies 2

Education Studies Elective Units
List 3
See Bachelor of Arts/Bachelor of Education (Secondary) in this section.

Curriculum Studies Electives
List 4
See Bachelor of Arts/Bachelor of Education (Secondary) in this section.

Bachelor of Engineering (Electrical and Computer Engineering)/Bachelor of Applied Science (Mathematics) (IF21)

Award title: Bachelor of Engineering (Electrical and Computer Engineering)/Bachelor of Applied Science (Mathematics) (IF21)
CRICOS code: 020329J
Location: Gardens Point
Course duration (full-time): 5 years
Total credit points: 480
Standard credit points per semester (full-time): 48
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
MAB210 Statistical Modelling 1
MAB220 Computational Mathematics 1

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
MAB414 Applied Statistics 2
MAB420 Computational Mathematics 2

Year 3, Semester 1
EEB511 Modern Control and Power Electronics
EEB584 Introduction to Design
MAB521 Applied Mathematics 3
MAB523 Introduction to Quality Management

Year 3, Semester 2
EEB589/1 Project
EEB589/2 Project

Year 4, Semester 1
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

Year 4, Semester 2
EEB988/1 Project
EEB988/2 Project

Year 5, Semester 1
MAB521 Applied Mathematics 3
MAB522 Computational Mathematics 3
MAB523 Introduction to Quality Management
MAB524 Statistical Inference
MAB526 Statistical Science 3
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) (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: Assoc Prof Mohamed Deriche (Engineering), 3864 5167; Mr Andrew Paltridge (Business), 3864 2434

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.

Candidates must, not later than the fourth week of semester immediately following each period of industrial employment/practice, submit to the course coordinator (through the faculty office) a report in the required format, describing the work carried out during the period of employment/practice and include an Industrial Experience Record Form signed by the employer.

Professional Membership

This degree meets the requirements for membership of the Institute of Engineers, Australia and the Institution of Radio and Electronics Engineers. Students completing the Bachelor of Business degree may, subject to choice of major, extended major and elective units, satisfy the academic requirements for membership of: CPA Australia, Institute of Chartered Accountants in Australia (ICAA), Australasian Institute of Banking and Finance (AIFB), Economic Society of Australia (Queensland Division), Australasian Institute of Export, 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.

Course Structure - Accountancy

Year 1, Semester 1

EEB112 Electrical and Computer Engineering I

MAB180 Engineering Mathematics I

OR

MAB131 Engineering Mathematics I A

BSB110 Accounting

BSB113 Economics

*MAB180 Engineering Mathematics I 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

EBF101 Data Analysis for Business

Year 2, Semester 2

EEB440 Classical Signal Processing

MAB135 Electrical Engineering Mathematics 4

BSB115 Management, People and Organisations

BSB119 International & Electronic Business

Year 3, Semester 1

EEB511 Electrical Measurement and Machines

EEB512 Analog and Digital Electronics

BSB126 Marketing

Double Major/Extended Major/Specialisation Unit

Year 3, Semester 2

EEB411 Classical Control and Power Generation

EEB412 Advanced Electronics and Embedded Systems

AYB221 Computerised Accounting Systems

BSB114 Government, Business and Society

Year 4, Semester 1

EEB584 Introduction to Design

Electrical & Computer Engineering elective unit

AYB220 Company Accounting

Double Major/Extended Major/Specialisation Unit

Year 4, Semester 2

EEB684 Advanced Design

Electrical & Computer Engineering elective unit

AYB225 Management Accounting 1

Double Major/Extended Major/Specialisation Unit

Year 5, Semester 1

EEB889/1 Project

Electrical & Computer Engineering elective unit

AYB301 Auditing

Double Major/Extended Major/Specialisation Unit

Year 5, Semester 2

EEB889/2 Project

Electrical & Computer Engineering elective unit

Double Major/Extended Major/Specialisation Unit

Course Structure - Advertising

Year 1, Semester 1

EEB112 Electrical and Computer Engineering 1

MAB180 Engineering Mathematics 1

OR

MAB131 Engineering Mathematics 1 A

BSB119 International & Electronic Business

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 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

EEB511 Electrical Measurement and Machines

EEB512 Analog and Digital Electronics

BSB113 Economics

Double Major/Extended Major/Specialisation Unit

Year 3, Semester 2

BSB114 Government, Business and Society
Course Structure - Banking & Finance

**Year 1, Semester 1**
- EEB112 Electrical and Computer Engineering 1
- MAB180 Engineering Mathematics 1
- OR
- MAB131 Engineering Mathematics 1A
- BSB115 Management, People and Organisations
- 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
- BSB122 Business Information Analysis and Communication
- EFB102 Economics 2

**Course Structure - Economics**

**Year 1, Semester 1**
- EEB112 Electrical and Computer Engineering 1
- MAB180 Engineering Mathematics 1
- OR
- MAB131 Engineering Mathematics 1A
- BSB115 Management, People and Organisations
- 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
- BSB122 Business Information Analysis and Communication
- EFB102 Economics 2

**Year 2, Semester 1**
- EEB340 Introduction to Telecommunications
- MAB134 Engineering Mathematics 3
- PCB136 Engineering Physics 1C
- EFB292 Business Cycles and Economic Growth

**Year 2, Semester 2**
- EEB440 Classical Signal Processing
- MAB135 Electrical Engineering Mathematics 4
- BSB110 Accounting
- EFB101 Data Analysis for Business

**Year 3, Semester 1**
- EEB311 Electrical Measurement and Machines
- EEB312 Analog and Digital Electronics
- BSB126 Marketing
- EBF211 Firms, Markets and Resources

**Year 3, Semester 2**
- EEB411 Classical Control and Power Generation
- EEB412 Advanced Electronics and Embedded Systems
- BSB111 Business Law and Ethics
- EBF307 Finance 2

**Course Structure - Electronic Business**

Note: The Electronic Business Major is only available as a double major

**Year 1, Semester 1**
- EEB112 Electrical and Computer Engineering 1
- MAB180 Engineering Mathematics 1
- OR
- MAB131 Engineering Mathematics 1A
- BSB119 International & Electronic Business

*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
- BSB110 Accounting
- BSB126 Marketing

**Year 2, Semester 1**
- EEB340 Introduction to Telecommunications
- MAB134 Electrical Engineering Mathematics 3
- PCB136 Engineering Physics 1C
Year 1, Semester 2
- EEB440 Classical Signal Processing
- MAB135 Electrical Engineering Mathematics 4
- BSB115 Management, People and Organisations
- ITB825 Electronic Business Information Systems

Year 3, Semester 1
- EEB311 Electrical Measurement and Machines
- MAB132 Engineering Mathematics 1B
- BSB111 Government, Law and Ethics
- BSB212 Digital Electronic Applications

Year 3, Semester 2
- EEB411 Classical Control and Power Generation
- MAB134 Electrical Engineering Mathematics 4
- MGB213 Organisational Behaviour
- BSB114 Government, Business and Society

Year 4, Semester 1
- EEB412 Advanced Electronics and Embedded Systems
- ABB111 Business Law and Ethics
- MGB222 Managing Organisations
- ITB827 Fundamentals of Enterprise Systems

Year 4, Semester 2
- EEB584 Introduction to Design
- MGB216 Managing Technology, Innovation and Knowledge
- ITB823 Web Sites for Electronic Commerce
- MGB314 Organisational Consulting and Change

Year 5, Semester 1
- EEB889/1 Project
- MGB309 Strategic Management
- MGB334 Managing in a Changing Environment
- MGB313 Business Strategy and Technology

Year 5, Semester 2
- EEB889/2 Project
- MGB309 Double Major/Extended Major/Specialisation Unit
- EEB340 Introduction to Telecommunications

Course Structure - International Business - No Language
Year 1, Semester 1
- EEB812 Electrical and Computer Engineering 1
- MAB180 Engineering Mathematics 1
- BSB119 International & Electronic Business
- OR
- MAB180 Engineering Mathematics 1

Year 2, Semester 1
- EEB812 Electrical and Computer Engineering 2
- MAB132 Engineering Mathematics 1B
- BSB126 Marketing
- BSB115 Management, People and Organisations

Year 2, Semester 2
- EEB812 Electrical and Computer Engineering 2
- MAB132 Engineering Mathematics 1B
- BSB115 Management, People and Organisations

Course Structure - International Business - No Language
Year 1, Semester 1
- EEB812 Electrical and Computer Engineering 1
- MAB180 Engineering Mathematics 1
- BSB119 International & Electronic Business
- OR
- MAB180 Engineering Mathematics 1

Year 2, Semester 1
- EEB812 Electrical and Computer Engineering 2
- MAB132 Engineering Mathematics 1B
- BSB126 Marketing
- BSB115 Management, People and Organisations

Year 2, Semester 2
- EEB812 Electrical and Computer Engineering 2
- MAB132 Engineering Mathematics 1B
- BSB115 Management, People and Organisations

Course Structure - Human Resource Management
Year 1, Semester 1
- EEB812 Electrical and Computer Engineering 1
- MAB180 Engineering Mathematics 1
- OR
- MAB131 Engineering Mathematics 1A

Year 2, Semester 1
- EEB812 Electrical and Computer Engineering 2
- MAB132 Engineering Mathematics 1B
- BSB126 Marketing
- MGB220 Management Research Methods

Year 2, Semester 2
- EEB340 Introduction to Telecommunications
- MAB134 Electrical Engineering Mathematics 3
- PCB136 Engineering Physics 1C
- BSB110 Accounting

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
- EE82411 Double Major/Extended Major/Specialisation Unit
- EE82412 Advanced Electronics and Embedded Systems
- ABB111 Business Law and Ethics
- MGB222 Managing Organisations

Year 4, Semester 1
- EE82411 Double Major/Extended Major/Specialisation Unit
- EE82412 Advanced Electronics and Embedded Systems
- ABB111 Business Law and Ethics
- MGB222 Managing Organisations

Year 4, Semester 2
- EE82411 Double Major/Extended Major/Specialisation Unit
- EE82412 Advanced Electronics and Embedded Systems
- ABB111 Business Law and Ethics
- MGB222 Managing Organisations

Year 5, Semester 1
- EE82411 Double Major/Extended Major/Specialisation Unit
- EE82412 Advanced Electronics and Embedded Systems
- ABB111 Business Law and Ethics
- MGB222 Managing Organisations

Year 5, Semester 2
- EE82411 Double Major/Extended Major/Specialisation Unit
- EE82412 Advanced Electronics and Embedded Systems
- ABB111 Business Law and Ethics
- MGB222 Managing Organisations

Course Structure - Human Resource Management
Year 1, Semester 1
- EEB812 Electrical and Computer Engineering 1
- MAB180 Engineering Mathematics 1
- OR
- MAB131 Engineering Mathematics 1A

Year 2, Semester 1
- EEB812 Electrical and Computer Engineering 2
- MAB132 Engineering Mathematics 1B
- BSB126 Marketing
- BSB115 Management, People and Organisations

Year 2, Semester 2
- EEB812 Electrical and Computer Engineering 2
- MAB132 Engineering Mathematics 1B
- BSB126 Marketing
- MGB220 Management Research Methods

Year 3, Semester 1
- EEB812 Electrical and Computer Engineering 2
- MAB132 Engineering Mathematics 1B
- BSB115 Management, People and Organisations
- MGB220 Management Research Methods

Year 3, Semester 2
- EEB812 Electrical and Computer Engineering 2
- MAB132 Engineering Mathematics 1B
- OR
- MAB131 Engineering Mathematics 1A

Year 4, Semester 1
- EEB812 Electrical and Computer Engineering 2
- MAB132 Engineering Mathematics 1B
- ABB111 Business Law and Ethics
- MGB222 Managing Organisations

Year 4, Semester 2
- EEB812 Electrical and Computer Engineering 2
- MAB132 Engineering Mathematics 1B
- ABB111 Business Law and Ethics
- MGB222 Managing Organisations

Year 5, Semester 1
- EEB812 Electrical and Computer Engineering 2
- MAB132 Engineering Mathematics 1B
- ABB111 Business Law and Ethics
- MGB222 Managing Organisations

Year 5, Semester 2
- EEB812 Electrical and Computer Engineering 2
- MAB132 Engineering Mathematics 1B
- ABB111 Business Law and Ethics
- MGB222 Managing Organisations
Year 5, Semester 2
EEB889/2 Project
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
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 Mathematics C Year 1, Semester 2
EEB212 Electrical and Computer Engineering 2
MAB132 Engineering Mathematics 1B
BSB115 Management, People and Organisations

Year 2, Semester 1
EEB340 Introduction to Telecommunications
MAB134 Electrical Engineering Mathematics 3
PCB136 Engineering Physics 1C

Language 1

Year 3, Semester 2
EEB440 Classical Signal Processing
MAB135 Electrical Engineering Mathematics 4
BSB126 Marketing
Language 4

Year 4, Semester 1
EEB584 Introduction to Design
MGB210 Production and Service Management

Area Study Units:
Students must complete one of the following pairs of area study units:
IBB217 Asian Business Development
IBB317 Contemporary Business in Asia

Course Structure - Marketing
Year 1, Semester 1
EEB112 Electrical and Computer Engineering 1
MAB180 Engineering Mathematics 1
MAB131 Engineering Mathematics 1A
BSB115 International & Electronic Business
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 Mathematics C Year 1, Semester 2
EEB212 Electrical and Computer Engineering 2
MAB132 Engineering Mathematics 1B
BSB126 Marketing

Year 2, Semester 1
EEB340 Introduction to Telecommunications
MAB134 Electrical Engineering Mathematics 3
PCB136 Engineering Physics 1C

Language 1

Year 3, Semester 2
EEB440 Classical Signal Processing
MAB135 Electrical Engineering Mathematics 4
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 Mathematics C Year 1, Semester 2
EEB212 Electrical and Computer Engineering 2
MAB132 Engineering Mathematics 1B
BSB126 Marketing
Year 2, Semester 1
AMB240 Marketing Planning and Management
EEB212 Electrical and Computer Engineering 2
MAB132 Engineering Mathematics 1B
Year 2, Semester 2
AMB201 Market and Audience Research
EEB340 Introduction to Telecommunications
MAB134 Electrical Engineering Mathematics 3
PCB136 Engineering Physics 1C

Year 3, Semester 1
AMB241 E-Marketing Strategies
BSB115 Management, People and Organisations
EEB440 Classical Signal Processing
MAB135 Electrical Engineering Mathematics 4
Year 3, Semester 2
EBB311 Electrical Measurement and Machines
EBB312 Analog and Digital Electronics
BSB113 Economics
Double Major/Extended Major/Specialisation Unit

Year 4, Semester 1
EBB411 Classical Control and Power Generation
E EB412 Advanced Electronics and Embedded Systems
BSB114 Government, Business and Society
Double Major/Extended Major/Specialisation Unit

Year 4, Semester 2
AMB241 Strategic Marketing
EEB684 Advanced Design
Electrical & Computer Engineering elective unit
Double Major/Extended Major/Specialisation Unit

Year 5, Semester 1
BSB111 Business Law and Ethics
EEB889/1 Project
Electrical & Computer Engineering elective unit
Double Major/Extended Major/Specialisation Unit

Year 5, Semester 2
BSB110 Accounting
EEB889/2 Project
Electrical & Computer Engineering elective unit
Double Major/Extended Major/Specialisation Unit

Course Structure - Public Relations

Year 1, Semester 1
EEB112 Electrical and Computer Engineering 1
MAB180 Engineering Mathematics 1
OR
MAB131 Engineering Mathematics 1A
BSB119 International & Electronic Business
BSB126 Marketing
*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
BSB110 Accounting

Year 2, Semester 2
EEB440 Classical Signal Processing
MAB135 Electrical Engineering Mathematics 4
AMB262 Public Relations Writing
BSB113 Economics

Year 3, Semester 1
EBB311 Electrical Measurement and Machines
EEB312 Analog and Digital Electronics
AMB201 Market and Audience Research
Double Major/Extended Major/Specialisation Unit

Year 3, Semester 2
EBB411 Classical Control and Power Generation
EBB412 Advanced Electronics and Embedded Systems
BSB114 Government, Business and Society

Year 4, Semester 1
EEB584 Introduction to Design
Electrical & Computer Engineering elective unit
AMB360 Corporate Communication Management
Double Major/Extended Major/Specialisation Unit

Year 4, Semester 2
EEB684 Advanced Design
Electrical & Computer Engineering elective unit
AMB361 Public Relations Campaigns
Double Major/Extended Major/Specialisation Unit

Year 5, Semester 1
EEB889/1 Project
Electrical & Computer Engineering elective unit
BSB111 Business Law and Ethics
Double Major/Extended Major/Specialisation Unit

Year 5, Semester 2
EEB889/2 Project
Electrical & Computer Engineering elective unit
BSB110 Accounting
Double Major/Extended Major/Specialisation Unit

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)

Professional Recognition
This course is accredited by The Institution of Engineers, Australia, as meeting the training requirements for admission to graduate membership of the institution. 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
ITB106 Foundations of Computing
ITB410 Software Development 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 Mathematics C

Year 1, Semester 2
EEB213 Electrical Circuits and Measurements
ITB107 Programming Laboratory
ITB411 Software Development 2
MAB132 Engineering Mathematics 1B

Year 2, Semester 1
EEB213 Analog and Digital Electronics
**Bachelor of Health Science (Health Information Management)/Bachelor of Information Technology (IF85)**

**Award title:** Bachelor of Health Science (Health Information Management)/Bachelor of Information Technology

**CRICOS code:** 031577B

**Location:** Gardens Point and Kelvin Grove

**Course duration (full-time):** 4 years

**Total credit points:** 432

**Course coordinator:** Ms Melinda Service (Health); Mr Greg Timbrell (InfTech)

**Discipline coordinator:** Ms Jenny Nicol (Health Information Management)

**Professional Membership**

Graduates are eligible for full membership of the Health Information Management Association of Australia, the Clinical Coders Society of Australia, the Australian College of Health Service Executives and the Australian Computer Society.

**Course Structure**

**Year 1, Semester 1**

- ITB106 Foundations of Computing
- ITB225 Introduction to Databases
- PUB106 Introduction to Health Information Management
- PUB251 Contemporary Public Health

**Year 1, Semester 2**

- BSB115 Management, People and Organisations
- ITB310 Organisational Information Systems
- ITB510 Data Communications
- PUB233 Communication, Information and Education for Health

**Year 2, Semester 1**

- ITB232 Database Systems
- ITB410 Software Development 1
- LSB142 Human Anatomy and Physiology
- LSB361 Fundamentals of Medicine
- PUB220 Medical Terminology

**Year 2, Semester 2**

- ITB107 Programming Laboratory
- ITB222 Business Systems Analysis
- LWS001 Medicine and the Law
- PUB356 Clinical Classification 1

**Year 3, Semester 1**

- ITB227 Web Applications
- PUB298 Health Information Management 2
- PUB314 Epidemiology and Statistics
- PUB456 Clinical Classification 2

**Year 3, Semester 2**

- ITB412 Technology of Information Systems
- PUB380 Casemix Management
- PUB480 Health Administration Finance
- IS Subject Area Elective Unit
- IS Subject Area Elective Unit

**Year 4, Semester 1**

- ITB229 Information Systems Specification
- PUB511 Health Policy, Planning and Evaluation
- PUB599 Health Information Management 3
- IS Subject Area Elective Unit

**Year 4, Semester 2**

- ITB228 Enterprise Systems
- PUB533 Professional Experience
- PUB619 Health Information Management 4
- PUB659 Management of Health Services
- Public Health Elective
- IS Subject Area Elective Unit

**Information Systems Subject Area Units (4 units to be selected)**

- ITB233 Enterprise Systems Applications
- ITB260 E-Commerce Site Development
- Database Systems Area
- ITB234 Information Analysis
- ITB242 Data Warehousing for Decision Support
- ITB243 Knowledge-Based Systems
- ITB263 Web Intelligence for E-Commerce
- E-Commerce Area
- ITB243 Knowledge-Based Systems
University-wide and Interfaculty Courses

ITB257 Multimedia Systems
ITB263 Web Intelligence for E-Commerce
ITB235 E-Commerce Technology Area
ITB242 Distributed Object Information Systems
ITB242 Data Warehousing for Decision Support
ITB262 E-Commerce Technologies
ITB263 Web Intelligence for E-Commerce
ITB241 Enterprise Systems Strategy Area
ITB264 Information Systems Consulting
ITB244 Information Technology Management
ITB242 Enterprise Systems Technical Area
ITB242 Data Warehousing for Decision Support
ITB245 R/3 Systems Administration
ITB258 ABAP Programming
ITB263 Web Intelligence for E-Commerce
ITB266 Information Management Area
ITB266 Principles of Information Management
ITB322 Information Resources
ITB330 Information Issues
ITB341 Strategic Information and Knowledge Management
Informatics Area
ITB241 Information Technology Management
ITB264 Information Systems Consulting
ITB322 Information Resources
ITB341 Strategic Information and Knowledge Management
Modelling Area
ITB223 4GL Systems
ITB234 Information Analysis
ITB236 Object-Oriented Analysis and Design
ITB254 Interactivity Design
Multimedia Area
ITB243 Knowledge-Based Systems
ITB254 Interactivity Design
ITB257 Multimedia Systems
ITB260 E-Commerce Site Development Programming Area
ITB223 4GL Systems
ITB254 Interactivity Design
ITB258 ABAP Programming
ITB260 E-Commerce Site Development

Bachelor of Information Technology/Bachelor of Education (Secondary) (IF79)

Award title: Bachelor of Information Technology (Study Area A)/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 Gordon Tait (Education), Mr Mike Roggenkamp (InfTech)

Course Structure

Students are required to complete 240 credit points in units offered by the Faculty of Information Technology plus 192 credit points offered by the Faculty of Education. Four of these units from Education are undertaken over the first five semesters of the course: CLB305 Education in Context; SPB001 Human Development and Education; SPB002 Psychology of Learning and Teaching; CLB341 Language, Technology and Education. Teaching areas will be Computing with English, Business Communication and Technologies, Social Science, History, Geography, Accounting/Business Management, Economics, Legal Studies, Science*, Mathematics*. In the final semester, students may undertake the Middle Years of Schooling Pathway development the knowledge, skills and understanding required to participate fully in the middle schooling reform movement.

* Available only when students are able to demonstrate that they will have covered sufficient breadth of studies to support teaching in these areas.

Course Structure

Year 1, Semester 1

ITB206 Foundations of Computing
ITB225 Introduction to Databases
ITB410 Software Development 1
ITB412 Technology of Information Systems

Year 1, Semester 2

CLB305 Education in Context
ITB107 Programming Laboratory
ITB310 Organisational Information Systems
ITB510 Data Communications
SPB001 Human Development and Education

Year 2, Semester 1

ITB411 Software Development 2
ITB229 Information Systems Specification
ITB222 Business Systems Analysis
CLB341 Language, Technology and Education

Year 2, Semester 2

ITB424 Software Engineering Principles
Computing Science Elective Unit
IT Elective Unit

SPB002 Psychology of Learning and Teaching

Year 3, Semester 1

IT Elective Unit
IT Elective Unit
IT Elective Unit

IT Electives should be chosen from units offered within the Bachelor of Information Technology, subject to fulfilling prerequisite requirements. Students should check with IT Course Coordinator.

Education Component

CLB305, SPB001, SPB002 and CLB341 must be completed in the first five semesters of the course.

Year 3, Semester 2

EDB450 Secondary Professional Practice 1: Classroom Management
EDB451 Secondary Professional Practice 2: Curriculum Decision Making
MDB329 Computing Curriculum Studies 1
Curriculum Studies 1 (See List 1)

Year 4, Semester 1

CLB306 Understanding Educational Practices
EDB453 Secondary Professional Practice 3: The Beginning Teacher Education Studies Elective (See List 3)
Education Studies Elective (See List 3)
Curriculum Studies Elective (See List 4)

Alternative Year 4, Semester 2: Middle Years Pathway
EDB443 Professional Internship of Associate Teaching
SPB008 The Middle Years of Schooling
SPB022 The Middle Years Curriculum
EDB453 Secondary Professional Practice 4: The Beginning Teacher

Curriculum Studies 1 and 2

List 1

CLB355 Accounting/business Management Curriculum Studies 1
CLB357 Business Communications and Technologies Curriculum Studies 1
CLB359 Economics Curriculum Studies 1
CLB325 English Curriculum Studies 1
CLB361 Geography Curriculum Studies 1
CLB363 History Curriculum Studies 1
CLB365 Legal Studies Curriculum Studies 1
MDB333 Mathematics Curriculum Studies 1
MDB337 Science Curriculum Studies 1
CLB367 Social Science Curriculum Studies 1

List 2

CLB356 Accounting/business Management Curriculum Studies 2
CLB358 Business Communications and Technologies Curriculum Studies 2
CLB360 Economics Curriculum Studies 2
CLB326 English Curriculum Studies 2
CLB362 Geography Curriculum Studies 2
CLB364 History Curriculum Studies 2
CLB366 Legal Studies Curriculum Studies 2
MDB334 Mathematics Curriculum Studies 2
UNIVERSITY-WIDE AND INTERFACULTY COURSES

Education Studies Elective Units
List 3
See Bachelor of Arts/Bachelor of Education (Secondary) in this section.

Curriculum Studies Electives
List 4
See Bachelor of Arts/Bachelor of Education (Secondary) in this section.

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: Mr Robert Smyth (IT): Law, Director, Undergraduate Programs

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
ITB106 Foundations of Computing
ITB225 Introduction to Databases
ITB410 Software Development 1
ITB412 Technology of Information Systems

Year 1, Semester 2
ITB107 Programming Laboratory
ITB310 Organisational Information Systems
ITB411 Software Development 2
ITB510 Data Communications

Year 2, Semester 1
ITB229 Information Systems Specification
ITB219 Application Programming
ITB222 Business Systems Analysis
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
LWB136 IS Subject Area Elective
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

Information Systems Subject Area Units (1 unit to be selected)
Database Systems Area
ITB234 Information Analysis
ITB243 Knowledge-Based Systems
ITB242 Data Warehousing for Decision Support
ITB263 Web Intelligence for E-Commerce

E-Commerce Area
ITB243 Knowledge-Based Systems
ITB257 Multimedia Systems
ITB260 E-Commerce Site Development
ITB263 Web Intelligence for E-Commerce

Enterprise Systems Strategy Area
ITB233 Enterprise Systems Applications
ITB241 Information Technology Management
ITB242 Data Warehousing for Decision Support
ITB264 Information Systems Consulting

Enterprise Systems Technical Area
ITB242 Data Warehousing for Decision Support
ITB245 R/3 Systems Administration
ITB258 ABAP Programming
ITB263 Web Intelligence for E-Commerce

Information Technology Consulting Area
ITB241 Information Technology Management
ITB264 Information Systems Consulting
ITB322 Information Resources
ITB341 Strategic Information and Knowledge Management

Modelling Area
ITB223 4gl Systems
ITB234 Information Analysis
ITB236 Object-Oriented Analysis and Design
ITB254 Interactivity Design

Multimedia Area
ITB243 Knowledge-Based Systems
ITB254 Interactivity Design
ITB257 Multimedia Systems
ITB260 E-Commerce Site Development

Programming Area
ITB223 4gl Systems
ITB254 Interactivity Design
ITB258 ABAP Programming
ITB260 E-Commerce Site Development

Bachelor of Journalism/Bachelor of Business (IF05)
Award title: Bachelor of Journalism/Bachelor of Business
CRICOS code: 040312G
Location: Gardens Point
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: Roger Patching (Creative Industries); Mr Andrew Paltridge (Business)

Professional Membership
Depending on the choice of major, extended major or specialisation, graduates may be eligible for membership of:
UNIVERSITY-WIDE AND INTERFACULTY COURSES

- International Business - Economic Society of Australia, Australasian Institute of Export.
- Public Relations - Public Relations Institute of Australia.
- The Journalism degree is recognised by the Australian Journalists Association section of the Media Entertainment and Arts Alliance.

Course Structure - Advertising (8 Semester concurrent model)

Year 1, Semester 1  
BSB122 Business Information Analysis & Communication  
KJB101 Journalism Information Systems  
KJB120 Newswriting

Year 1, Semester 2  
AMB200 Consumer Behaviour  
AMB220 Advertising Theory and Practice  
KJB121 Journalistic Inquiry  
KJB180 Speech Communication for Journalists

Year 2, Semester 1  
AMB222 Media Planning  
BSB119 International & 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  
KJB232 Radio and Television Journalism 1  
KJB338 Radio and Television Journalism 2  
Double Major/Extended Major/Specialisation Unit

Year 3, Semester 2  
AMB220 Consumer Behaviour  
AMB222 Media Planning  
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

Course Structure - Advertising (9 Semester concurrent model)

Year 1, Semester 1  
BSB122 Business Information Analysis & Communication  
KJB101 Journalism Information Systems  
KJB120 Newswriting

Year 1, Semester 2  
AMB200 Consumer Behaviour  
AMB220 Advertising Theory and Practice  
KJB121 Journalistic Inquiry  
KJB180 Speech Communication for Journalists

Year 2, Semester 1  
AMB222 Media Planning  
BSB119 International & 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

Course Structure - International Business (With no Language - 8 Semester Concurrent Model)

Year 1, Semester 1  
BSB114 Government, Business and Society  
BSB119 International & Electronic Business  
KJB101 Journalism Information Systems  
KJB120 Newswriting

Year 1, Semester 2  
BSB113 Economics  
BSB115 Management, People and Organisations  
KJB121 Journalistic Inquiry  
KJB180 Speech Communication for Journalists

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  
KJB332 Radio and Television Journalism 1  
KJB224 Feature Writing

Year 3, Semester 1  
IBB210 Export Management  
KJB332 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 & Communication  
KJB101 Journalism Information Systems  
KJB120 Newswriting  
KJB224 Feature Writing  
Double Major/Extended Major/Specialisation Unit

Year 4, Semester 2  
IBB300 International Business Strategy  
Creative Industries Faculty Core Unit*  
Creative Industries Core 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 & Electronic Business
KJB101 Journalism Information Systems
KJB120 Newswriting

Year 1, Semester 2
BSB113 Economics
BSB115 Management, People and Organisations
KJB121 Journalistic Inquiry
KJB180 Speech Communication for Journalists

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
BSB113 Economics
KPB155 Media Production
KJB337 Public Affairs Reporting
Area Study 2

Year 4, Semester 1
International Business Elective Unit (IBB2xx, IBB3xx)

Year 4, Semester 2
BSB115 Management, People and Organisations
IBB210 Export Management
KWB250 Introduction to Creative Writing
Area Study 1
Creative Industries Faculty Core Unit - see list below

Area Study Units
Students must complete one of the following pairs of study units:
IBB200 Asian Business Development
IBB317 Contemporary Business in Asia
OR
IBB205 Cross-Cultural Communication and Negotiation

List of Languages:
French
Indonesian
Japanese
German

Course Structure - International Business (With Language - 9 Semester Concurrent Model)

Year 1, Semester 1
BSB119 International & Electronic Business
KJB101 Journalism Information Systems
KJB120 Newswriting

Year 1, Semester 2
BSB113 Economics
KJB121 Journalistic Inquiry
KJB180 Speech Communication for Journalists

Year 2, Semester 1
BSB126 Marketing
KPB155 Media Production
KJB239 Journalism Ethics and Issues

Year 2, Semester 2
IBB202 Business and the World Economy
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
BSB115 Management, People and Organisations
IBB210 Export Management
KWB250 Introduction to Creative Writing
Area Study 1
Creative Industries Faculty Core Unit - see list below

Year 4, Semester 1
International Business Elective Unit (IBB2xx, IBB3xx)

Year 4, Semester 2
BSB115 Management, People and Organisations
IBB210 Export Management
KWB250 Introduction to Creative Writing
Area Study 1
Creative Industries Faculty Core Unit - see list below

Area Study Units
Students must complete one of the following pairs of study units:
IBB200 Asian Business Development
IBB317 Contemporary Business in Asia
OR
IBB205 Cross-Cultural Communication and Negotiation

List of Languages:
French
Indonesian
Japanese
German
Course Structure - Public Relations (8 Semester concurrent model)

Year 1, Semester 1
- BSB122 Business Information Analysis & Communication
- BSB126 Marketing
- KJB101 Journalism Information Systems
- KJB120 Newswriting

Year 1, Semester 2
- AMB260 Public Relations Theory and Practice
- BSB119 International & Electronic Business
- KJB121 Journalistic Inquiry
- KJB180 Speech Communication for Journalists

Year 2, Semester 1
- AMB201 Market and Audience Research
- AMB261 Media Relations and Publicity
- 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
- BSB115 Management, People and Organisations
- KJB322 Desktop Publishing and Editing
- KJB338 Radio and Television Journalism 2

Year 3, Semester 2
- AMB361 Public Relations Campaigns
- Creative Industries Faculty Core Unit
- Double Major/Extended Major/Specialisation Unit

Year 4, Semester 1
- AMB360 Corporate Communication Management
- BSB111 Business Law and Ethics
- KPB111 Media Writing

Year 4, Semester 2
- AMB361 Public Relations Campaigns
- Creative Industries Faculty Core Unit
- Double Major/Extended Major/Specialisation Unit

Year 5, Semester 1
- BSB110 Accounting
- BSB114 Government, Business and Society

Year 5, Semester 2
- BSB110 Accounting
- BSB114 Government, Business and Society

*Creative Industries Faculty Core Units:
- KKB018 Creative Industries
- KKB218 Creativity
- KKB418 Transforming Cultures
- KKB618 Writing for Creative Industries
- KKB818 Introduction to Multimedia Technology

Campus location of these Faculty Core units varies from Semester 1 to Semester 2.

Please consult the university timetable in the relevant semester for confirmation of location.

*Creative Industries Core Units:
- KCB204 Globalisation and New Media
- KCB336 New Media Technologies
- KJB275 Media Legal Issues
- KPB111 Media Writing
- KPB155 Media Production
- KWB250 Introduction to Creative Writing
- KWB380 Creative Nonfiction Writing 1
Course Structure

Semester 1, Year 1
KJB101 Journalism Information Systems
KJB120 Newswriting
Creative Industries Core Unit - See List A
Introduction to Legal Research

Semester 2, Year 1
KJB141 Legal Institutions and Method
LWB142 Law, Society and Justice

Semester 2, Year 2
KJB121 Journalistic Inquiry
KJB180 Speech Communication for Journalists
Creative Industries Core Unit - See List A
LWB143 Legal Research and Writing
LWB144 Laws and Global Perspectives

Semester 1, Year 2
KJB239 Journalism Ethics and Issues
KJB224 Feature Writing
KPB155 Media Production
LWB136 Contracts A

Semester 2, Year 2
KJB232 Radio and Television Journalism 1
KJB224 Feature Writing
KPB155 Media Production
LWB137 Contracts B

Semester 1, Year 3
KJB322 Desktop Publishing and Editing
KJB338 Radio and Television Journalism 2
LWB138 Fundamentals of Torts
LWB238 Fundamentals of Criminal Law

Semester 2, Year 3
KJB303 News Production
KJB337 Public Affairs Reporting
LWB139 Select Issues in Torts
LWB239 Criminal Responsibility

Semester 1, Year 4
LWB231 Introduction to Public Law
LWB236 Real Property A
LWB240 Principles of Equity
LWB332 Commercial and Personal Property Law
LWB333 Theories of Law

Semester 2, Year 4
LWB235 Australian Federal Constitutional Law
LWB237 Real Property B
LWB241 Trusts
LWB331 Administrative Law
LWB334 Corporate Law

Semester 1, Year 5
LWB431 Civil Procedure
LWB432 Evidence
LWB434 Advanced Research and Legal Reasoning
KWB250 Introduction to Creative Writing

Semester 2, Year 5
LWB433 Professional Responsibility
Creative Industries Open Elective - See List B
Elective Units

List A - Creative Industries Core Units
KKB018 Creative Industries
KKB218 Creativity
KKB418 Transforming Cultures
KKB618 Writing for Creative Industries
KKB818 Introduction to Multimedia Technology

List B - Creative Industries Open Electives
Semester 1
KPB130 Media Text Analysis
KCB140 Media and Society: From Printing Press to Internet
KCB295 Virtual Cultures
KBD053 Gender Issues in the Visual and Performing Arts
KDB125 Deconstructing Dance in History
KDX104 Architecture of the Body
KIB816 Interactive Writing
KIB811 Visual Interactions
KKB818 Introduction to Multimedia Technology
KJB825 History of Animation
KJB101 Journalism Information Systems
KJB120 Newswriting
KPB118 Fundamentals of Photography
KPB111 Media Writing
KPB233 Television Cultures
KPB209 Australian Television
KPB155 Media Production
KSB259 The Performance Instrument: Body and Voice
KTB062 Arts Event Promotion and Public Relations
KTB208 Elements of Drama
KTB253 Theatre History: Staging Australia
KTB278 Technical Theatre
KTB275 Understanding Theatre
KV844 Contemporary Visual Arts of Asia
KV8447 Drawing
KV8457 Sculpture
KVP507 Painting
KVB712 Contemporary Art Issues
KVB726 Australian and Indigenous Art
KVP503 Clay Materials
KVP509 Photographic Media
KVP511 Printmaking
KWB250 Introduction to Creative Writing
KWB314 Corporate Writing and Editing
KWB350 Creative Writing and Publishing
KWB625 American Stories
KWB716 Introduction to Literary and Cultural Studies
KWB730 Texts, Meanings and Criticisms

Semester 2
KCB204 Globalisation and New Media
KCB336 New Media Technologies
KDB106 The Analysis of Modern Dance
KDB114 Australian Dance
KDB172 World Dance
KDB176 Popular Dance Styles
KIB814 Applications of Design Technology
KIB819 Electronic Publishing
KIB813 Contemporary Issues in Technology Design
KKB818 Introduction to Multimedia Technology
KJB101 Journalism Information Systems
KJB120 Newswriting
KPB111 Media Writing
KPB118 Fundamentals of Photography
KBP155 Media Production
KPB305 American Film
KPB358 Documentary Theory and Practice
KPB359 Film History
KPB343 Australian Film
KPB311 Asian Film and Media
KPB307 Feminist Screen Studies
KPB344 International Cinema
KPB417 Film and Television Genres
KSB276 Visual Theatre - Design
KTB061 Arts Business Management
KTB251 Theatre History: 20th Century Stages
KTB278 Technical Theatre
KV8447 Drawing
KVP507 Painting
KVB701 Modernism
KVB703 Video Art and Culture
KVP503 Clay Materials
KVP509 Photographic Media
KVP511 Printmaking
KWB150 Film, Crime and Deviance
KWB315 Persuasive Writing
KWB316 Imagining Brisbane
KWB321 Body Matters
KWB350 Creative Writing and Publishing
KWB380 Creative Nonfiction Writing 1
KWB725 Popular Fictions, Popular Culture
KWB729 Shakespeare, Then and Now
KVB457 Sculpture
KVB704 Theories of Spatial Culture

**Bachelor of Mass Communication (IF27)**

**Award title:** Bachelor of Mass Communication

**CRICOS code:** 037542J

**Location:** Gardens Point

**Course duration (full-time):** 3 years

**Course duration (part-time):** 6 years part-time (please note, part time entry relates to the level of study taken per semester). Many units in this degree will only be offered in daytime mode.

**Total credit points:** 288

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

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

**Course coordinator:** Media and Journalism: Dr Helen Yeates; Business: Andrew Paltridge

**Degree Structure**

In their three-year study program students select a Business major (six units) study sequence from Public Relations or Advertising and a Creative Industries major (six units) study sequence from International Journalism or Media Studies, or Creative or Professional Writing or Television and Video Production.

Students also take six Business and Creative Industries Faculty core units, as well as six course-specific units from common study areas that build skills and understanding in media communications and associated technologies.

**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 - 6 Units**

- One Unit From:
  - KKB218 Creativity
  - KKB418 Transforming Cultures
  - KKB818 Introduction to Multimedia Technology
  - Three Required Units:
    - BSB126 Marketing
    - KKB018 Creative Industries
    - KKB618 Writing for Creative Industries
  - Two Units From:
    - BSB110 Accounting
    - BSB111 Business Law and Ethics
    - BSB113 Economics
    - BSB114 Government, Business and Society
    - BSB115 Management, People and Organisations
    - BSB119 International and Electronic Business
  - BSB122 Business Information Analysis and Communication

**School Core - 6 Units**

- One Required Unit:
  - KCB140 Media and Society: From Printing Press to Internet
  - KCB150 Media and Communications Industries
  - KWB216 Theoretical Perspectives on Communication
  - Three Units From:
    - KPB111 Media Writing
    - KJB200 Newswriting
    - KWB250 Introduction to Creative Writing
    - KJB280 International Journalism
    - KCB336 New Media Technologies
  - One Required Unit:
    - AMB201 Market and Audience Research
  - One Unit From:
    - AMB202 Integrated Marketing Communication
    - AMB220 Advertising Theory and Practice
    - AMB230 Internet Promotion

**One Business Major from the List Below**

**Advertising**

- AMB200 Consumer Behaviour
- AMB220 Advertising Theory and Practice
- AMB221 Advertising Copywriting
- AMB222 Media Planning
- AMB320 Advertising Management
- AMB321 Advertising Campaigns

**Public Relations**

- AMB260 Public Relations Theory and Practice
- AMB261 Media Relations and Publicity
- AMB262 Public Relations Writing
- AMB360 Corporate Communication Management
- AMB361 Public Relations Campaigns

**One choice unit from:**

- AMB202 Integrated Marketing Communication
- AMB220 Advertising Theory and Practice
- AMB230 Internet Promotion

**One Creative Industries Major from the List Below**

**International Journalism**

- Four Required Units:
  - KJB101 Journalism Information Systems
  - KJB120 Newswriting
  - KJB121 Journalistic Inquiry
  - KJB224 Feature Writing
  - Two Units From:
    - KJB232 Radio and Television Journalism 1
    - KJB322 Desktop Publishing and Editing
    - KJB335 Professional Media Practice
    - KJB337 Public Affairs Reporting
    - KJB338 Radio and Television Journalism 2

**Media Studies**

- Five Required Units:
  - KPB147 Film and Television Genres
  - KPB233 Television Cultures
  - KCB295 Virtual Cultures
  - KPB311 Asian Film and Media
  - KCB349 Media Audiences
  - One Unit From:
    - KPB305 American Film
    - KPB307 Feminist Screen Studies
    - KPB344 International Cinema

**Creative and Professional Writing**

- Four Required Units:
  - KWB229 Film and Television Scriptwriting
  - KWB339 The Writing and Publishing Industry
  - KWB350 Creative Writing and Publishing
  - KWB380 Creative Nonfiction Writing 1
  - Creative Writing Strand:
    - Two required Units
  - KPB111 Media Writing
  - KJP224 Feature Writing
  - Professional Writing Strand:
    - Two required Units
  - KWB315 Persuasive Writing
  - KWB314 Corporate Writing and Editing

**Television and Video Production**

- KPB155 Media Production
- KPB185 Informational Production
- KPB260 Community and Educational Video
- KPB265 Corporate Production
- KPB314 Media Business

**Course Structure - Advertising/International Journalism**

**Year 1, Semester 1**

- BSB126 Marketing
- KKB018 Creative Industries
- KKB618 Writing for Creative Industries

**Year 1, Semester 2**

- AMB200 Consumer Behaviour
- AMB220 Advertising Theory and Practice
- KJB101 Journalism Information Systems
- KJB120 Newswriting

**Year 2, Semester 1**

- AMB201 Market and Audience Research
UNIVERSITY-WIDE AND INTERFACULTY COURSES

Course Structure - Advertising/Media Studies

Year 1, Semester 1
BSB126 Marketing
KKB018 Creative Industries
KKB618 Writing for Creative Industries

Year 1, Semester 2
AMB200 Consumer Behaviour
AMB220 Advertising Theory and Practice
Creative Industries Core Unit
Creative Industries Core Unit

Year 2, Semester 1
AMB201 Market and Audience Research
AMB222 Media Planning
KPB147 Film and Television Genres
KCB295 Virtual Cultures

Year 2, Semester 2
AMB221 Advertising Copywriting
Business Major Unit
Creative Industries Core Unit
Creative Industries Core Unit

Year 3, Semester 1
AMB320 Advertising Management
Business Faculty Core Unit
Creative Industries Core Unit

Year 3, Semester 2
AMB321 Advertising Campaigns
Creative Industries Discipline Core Unit
Creative Industries Discipline Core Unit

Course Structure - Advertising Creative & Professional Writing

Year 1, Semester 1
BSB126 Marketing
KKB018 Creative Industries
KKB618 Writing for Creative Industries

Year 1, Semester 2
AMB200 Consumer Behaviour
AMB220 Advertising Theory and Practice
KWB350 Creative Writing and Publishing
Business Faculty Core Unit

Year 2, Semester 1
AMB201 Market and Audience Research
AMB222 Media Planning
KPB111 Media Writing

Year 2, Semester 2
AMB221 Advertising Copywriting
Creative Industries Discipline Core Unit

Year 3, Semester 1
AMB320 Advertising Management
Creative Industries Discipline Core Unit

Year 3, Semester 2
AMB321 Advertising Campaigns
KPB315 Persuasive Writing
KWB229 Film and Television Scriptwriting

Course Structure - Advertising/Television & Video Production

Year 1, Semester 1
BSB126 Marketing
KKB018 Creative Industries
KKB618 Writing for Creative Industries

Year 1, Semester 2
AMB220 Consumer Behaviour
AMB222 Advertising Theory and Practice
KPB111 Media Writing

Year 2, Semester 1
AMB221 Advertising Copywriting
KPB185 Informational Production

Year 2, Semester 2
AMB320 Advertising Management
KPB344 International Cinema

Course Structure - Public Relations/International Journalism

Year 1, Semester 1
BSB126 Marketing
KKB018 Creative Industries
KKB618 Writing for Creative Industries

Year 1, Semester 2
AMB260 Public Relations Theory and Practice
KJB101 Journalism Information Systems
KJB120 Newswriting

Year 2, Semester 1
AMB261 Media Relations and Publicity
KJB121 Journalistic Inquiry
KJB224 Feature Writing

Year 2, Semester 2
AMB262 Public Relations Writing
KJB20 Market and Audience Research
KJB261 Media Relations and Publicity
KJB121 Journalistic Inquiry
KJB224 Feature Writing

Year 2, Semester 2
AMB262 Public Relations Writing
KJB20 Market and Audience Research
KJB261 Media Relations and Publicity
KJB121 Journalistic Inquiry
KJB224 Feature Writing

Year 2, Semester 2
AMB262 Public Relations Writing
KJB20 Market and Audience Research
KJB261 Media Relations and Publicity
KJB121 Journalistic Inquiry
KJB224 Feature Writing
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<table>
<thead>
<tr>
<th>Year, Semester</th>
<th>Course Options</th>
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</table>
| **Year 1, Semester 2** | KMB633 Core Musicianship 2  
KMB621 Sound Recording and Acoustics  
KMB652 Music Performance Studies 2  
OR  
KMB658 Music Production Studies 2  
Choose one from:  
KMB622 Second Study 1  
KMB640 Sex Drugs Rock N Roll  
KMB626 Music and Sound for Multimedia |
| **Year 2, Semester 1** | KMB653 Music Performance Studies 3  
KMB59 Music Production Studies 3  
KMB34 Contemporary Art Music Musicianship  
OR  
KMB636 Cross Cultural Musicianship  
KMB630 Music Textures  
Education Unit (See Faculty of Education Component)  
Choose one unit from:  
KMB623 Conducting  
KMB638 Sound and Image  
KMB631 World Music  
KMB618 Soundtracks for Film and Television  
KMB616 Ensemble Project A |
| **Year 2, Semester 2** | KMB654 Music Performance Studies 4  
OR  
KMB660 Music Production Studies 4  
OR  
KMB637 Jazz and Popular Music Musicianship  
KDB106 The Analysis of Modern Dance  
KDB183 Dance Technique Studies 4  
Education Unit (see Faculty of Education component) |
| **Year 3, Semester 1** | Education Unit (See Faculty of Education component)  
Education Unit (See Faculty of Education component)  
Education Unit (See Faculty of Education component)  
KDB114 Australian Dance  
Choose one unit from:  
KMB623 Conducting  
KMB638 Sound and Image  
KMB631 World Music  
KMB618 Soundtracks for Film and Television  
KMB616 Ensemble Project A |

**B Music/B Ed - Music Specialisation with a STA in Dance**

<table>
<thead>
<tr>
<th>Year, Semester 1</th>
<th>Course Options</th>
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</table>
| **Year 1, Semester 1** | KMB651 Music Performance Studies 1  
KMB657 Music Production Studies 1  
KMB632 Core Musicianship 1  
KMB619 Music and Sound Technology |
| **Year 1, Semester 2** | KMB652 Music Performance Studies 2  
KMB658 Music Production Studies 2  
KMB633 Core Musicianship 2  
KMB621 Sound Recording and Acoustics  
KDB114 Australian Dance  
Creative Industries Core Unit |
| **Year 2, Semester 1** | KMB653 Music Performance Studies 3  
KMB659 Music Production Studies 3  
KMB634 Contemporary Art Music Musicianship  
OR  
KMB636 Cross Cultural Musicianship  
KMB630 Music Textures |
| **Year 2, Semester 2** | KMB654 Music Performance Studies 4  
OR  
KMB660 Music Production Studies 4  
OR  
KMB637 Jazz and Popular Music Musicianship  
KTB280 Drama as Social Action  
KTB304 Forming Knowledge |
| **Year 3, Semester 1** | Education Unit (See Faculty of Education component)  
Education Unit (See Faculty of Education component)  
Education Unit (See Faculty of Education component)  
Drama Elective - Choose one unit from:  
KTB252 Theatre History: The Sound of Theatre  
KTB253 Theatre History: Staging Australia  
KTB258 Studies in Acting 2  
KSB259 The Performance Instrument: Body and Voice  
KTB278 Technical Theatre  
Music Elective - Choose one unit from:  
KMB623 Conducting  
KMB638 Sound and Image  
KMB631 World Music  
KMB618 Soundtracks for Film and Television  
KMB616 Ensemble Project A |
B Music/B Ed - with a STA in Vis Arts

Year 1, Semester 1
KMB651 Music Performance Studies 1
OR
KMB657 Music Production Studies 1
KMB632 Core Musicianship 1
KMB619 Music and Sound Technology Creative Industries Core Unit
KVB742 Studio Art Practice 3

Year 1, Semester 2
KMB652 Music Performance Studies 2
OR
KMB658 Music Production Studies 2
KMB633 Core Musicianship 2
KMB621 Sound Recording and Acoustics
KVB701 Modernism Creative Industries Core Unit

Year 2, Semester 1
KMB653 Music Performance Studies 3
OR
KMB659 Music Production Studies 3
KMB634 Contemporary Art Music Musicianship
OR
KMB636 Cross Cultural Musicianship
KMB630 Music Textures
Choose two from:
KVB447 Drawing
KVB457 Sculpture
KVP503 Clay Materials
KVP507 Painting
KVP509 Photographic Media
KVP511 Printmaking

Year 2, Semester 2
KMB654 Music Performance Studies 4
OR
KMB660 Music Production Studies 4
KMB635 Sound Media Musicianship
OR
KMB637 Jazz and Popular Music Musicianship
STA Unit (List C)
Choose one from:
KMB623 Conducting
KMB638 Sound and Image
KMB631 World Music
KMB618 Soundtracks for Film and Television
KMB616 Ensemble Project A

Year 2, Semester 1
KMB655 Music Performance Studies 1
OR
KMB657 Music Production Studies 1
KMB632 Core Musicianship 1
KMB619 Music and Sound Technology Creative Industries Core Unit
STA Unit (List C)

Year 2, Semester 1
KMB655 Music Performance Studies 2
OR
KMB657 Music Production Studies 2
KMB632 Core Musicianship 2
KMB619 Music and Sound Technology Creative Industries Core Unit

Year 2, Semester 2
KMB656 Music Performance Studies 3
OR
KMB658 Music Production Studies 3
KMB633 Core Musicianship 3
KMB619 Music and Sound Technology Creative Industries Core Unit

Year 3, Semester 1
KMB656 Music Performance Studies 4
OR
KMB660 Music Production Studies 4
KMB635 Sound Media Musicianship
OR
KMB637 Jazz and Popular Music Musicianship
STA Unit (List C)
Choose one from:
KMB623 Conducting
KMB638 Sound and Image
KMB631 World Music
KMB618 Soundtracks for Film and Television
KMB616 Ensemble Project A

Year 3, Semester 2
KMB657 Music Performance Studies 1
OR
KMB659 Music Production Studies 1
KMB632 Core Musicianship 1
KMB619 Music and Sound Technology Creative Industries Core Unit

Year 3, Semester 2
KMB657 Music Performance Studies 2
OR
KMB659 Music Production Studies 2
KMB632 Core Musicianship 2
KMB619 Music and Sound Technology Creative Industries Core Unit

Year 4, Semester 1
KMB640 Sex Drugs Rock N Roll
KMB617 Arranging
KMB626 Music and Sound for Multimedia
KMB628 Second Study 2

Year 4, Semester 2
KMB623 Conducting
KMB638 Sound and Image
KMB631 World Music
KMB618 Soundtracks for Film and Television
KMB616 Ensemble Project A

List A: Creative Industries Core Units
List A
See Bachelor of Creative Industries (Drama)/Bachelor of Education (Secondary) (IF76) in this section.

List C: Second Teaching Area Units
English
See Bachelor of Creative Industries (Drama)/Bachelor of Education (Secondary) (IF76) in this section.

Faculty of Education Component
Students must complete the 4 core Education units over the first 5 semesters of their course.
CLB305 Education in Context
CLB341 Language, Technology and Education

List 1: Prerequisite 48cp in Discipline Studies
KDB421 Dance Curriculum Studies 1
KTB414 Drama Curriculum Studies 1
CLB325 English Curriculum Studies 1
CLB327 Film and Media Curriculum Studies 1
CLB361 Geography Curriculum Studies 1
CLB363 History Curriculum Studies 1
CLB329 LOTE Curriculum Studies 1
KMP434 Music Curriculum Studies 1a

List 2: Prerequisite: Curriculum Studies 1
KDB429 Dance Curriculum Studies 2
KTB415 Drama Curriculum Studies 2
List 3: Education Studies Electives. Select two from the following:
See Bachelor of Arts/Bachelor of Education (Secondary) in this section.

List 4: Curriculum Electives (Year 4, Semester 2)
See Bachelor of Arts/Bachelor of Education (Secondary) in this section.

CLB326 English Curriculum Studies 2
CLB328 Film and Media Curriculum Studies 2
CLB362 Geography Curriculum Studies 2
CLB364 History Curriculum Studies 2
CLB330 LOTE Curriculum Studies 2
KMP433 Music Curriculum Studies 2a
KVB413 Art Curriculum Studies 2
Section Four

Unit Synopses

Unit Coding and Numbering

Unit Synopses
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 2(9)(b) of the Student Rules section.
UNIT SYNOPTES

ADB001 ARCHITECTURAL DESIGN 1
Introduction to design theory. Develop exercises for understanding of fundamental aesthetic perception, developmental exercises in graphic/presentation skills with an emphasis on orthographic and paraline drawing systems. The major themes in design presentation are the range of issues and provokes exploration, development of students’ comprehension of fundamental spatial and temporal relationships and ethics sensibilities concerning architectural qualities.
Courses: BN31, AR48
Credit points: 12
Contact hours: 8 per week

ADB002 ARCHITECTURAL DESIGN 2
Introduction to critical design theory. Developmental exercises in graphic/presentation skills with emphasis on model making and perspective drawing as a focus on the contextual, this major project in this unit encourages ideas that are developed out of analysis of a particular place.
Courses: BN31, AR48
Credit points: 12
Contact hours: 8 per week

ADB003 ARCHITECTURAL DESIGN 3
Design processes and associated labelling, social context, ethics and values. Integration of contextual studies, technology, specifically building construction and design for climate. Projects are generally of domestic scale.
Prerequisites: ADB002
Corequisites: BN31, AR48
Credit points: 12
Contact hours: 6 per week

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
Credit points: 12
Contact hours: 8 per week

ADB005 ARCHITECTURAL DESIGN 5
Design theory, sustainability, sociological, and contextual issues related to particular design problems. The unit will often include a ‘community service’ project, generally a participative, collaborative project with selected community groups as ‘clients’.
Courses: BN31, AR48
Prerequisites: ADB004 Corequisites: Nil
Credit points: 12
Contact hours: 6 per week

ADB006 ARCHITECTURAL DESIGN 6
Design theory, urban sustainability, sociological and contextual concerns related to particular design problems.
Courses: BN31, AR48
Prerequisites: ADB005
Credit points: 12
Contact hours: 6 per week

ADB007 ARCHITECTURAL DESIGN 7
The unit project-decision making process.
Courses: AR48
Prerequisites: ADB006
Credit points: 12
Contact hours: 5 per week

ADB008 ARCHITECTURAL DESIGN 8
The content of the unit is project-dependent.
Courses: AR48
Prerequisites: ADB007 Corequisites: ADB026
Credit points: 12
Contact hours: 5 per week

ADB009 ARCHITECTURAL DESIGN 9
Design processes and associated lecture and presentations relevant to developing the unit objectives. A high degree of resolution is expected in design, especially the intellectual conceptual foundation and 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
Credit points: 12
Contact hours: 5 per week

ADB011 CONTEXTUAL STUDIES 1
The emergence of the principles of modern architecture in Europe and America in the late eighteenth and early nineteenth century, and the development of the modernist and postmodern ideas. The unit was chosen from the perspective of modules 20th and 30s. The dominance of modern architecture following the war and the early critiques will be examined. An analysis of the influence of modernist thought and the various architectural directions being pursued throughout the world in the late twentieth century to find viable and meaningful designs will be addressed.
Courses: BN31, AR48
Prerequisites: ADB031
Credit points: 12
Contact hours: 3 per week

ADB012 CONTEXTUAL STUDIES 2
The emergence of modernism in Australia and the influence of the Asian context. The major themes examined are the social history and the role of the architect in society, the development of architectural theory and the history of architecture in Australia.
Courses: BN31, AR48
Prerequisites: ADB031
Credit points: 12
Contact hours: 2 per week

ADB013 CONTEXTUAL STUDIES 3
This unit consists of two parts: 1. The Asian architectural and cultural traditions of the subject on the form and fabric of buildings are illustrated.
Courses: BN31, AR48
Credit points: 12
Contact hours: 3 per week

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. The unit introduces students to contemporary architectural and cultural production and explores the history of cities and the role of architecture in the development of contemporary cities.
Courses: AR48
Credit points: 12
Contact hours: 3 per week

ADB020 TECHNOLOGY AND SCIENCE 1
A study of the materials and behaviour of common building materials and the historical development of building technologies. Basic structural systems, building systems and members are examined to develop an understanding of various contemporary critiques of architecture and the implications for current and future cities.
Courses: AR48
Credit points: 12
Contact hours: 3 per week

ADB021 TECHNOLOGY AND SCIENCE 2
Detailed consideration of domestic scale building design. Basic design for climate and energy conservation. The implications of the principles of the subject on the form and fabric of buildings are illustrated.
Courses: BN31, AR48
Prerequisites: ADB021
Credit points: 12
Contact hours: 4 per week

ADB023 TECHNOLOGY AND SCIENCE 3
Building services: an overview of construction systems used in medium to high-rise commercial buildings, including analysis of principal building services and their implications for 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
Credit points: 12
Contact hours: 3 per week

ADB025 TECHNOLOGY AND SCIENCE 4
Building Construction: an overview of construction systems used in medium to high-rise commercial buildings, including analysis of principal building services and their implications for such systems.
Courses: AR48
Credit points: 12
Contact hours: 3 per week

ADB026 TECHNOLOGY AND SCIENCE 5
Building Construction: an overview of construction systems used in medium to high-rise commercial buildings, including analysis of principal building services and their implications for 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
Credit points: 12
Contact hours: 3 per week

ADB051 ARCHITECTURAL RESEARCH 1
Unit will provide students with an overview of research methodology. Students will examine the differences between various research methods and products. A number of issues will be addressed in the elected area of research including, definition of study area, research objectives, initial proposition, structuring research approach, analysis and preliminary conclusions based on literature review.
Courses: AR48
Credit points: 12
Contact hours: 4 per week

ADB033 PROFESSIONAL STUDIES 1
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
Credit points: 12
Contact hours: 4 per week

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
Credit points: 12
Contact hours: 4 per week

ADB053 ARCHITECTURAL PROJECT 1
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
Credit points: 12
Contact hours: 4 per week

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
Credit points: 12
Contact hours: 3 per week QUT HANDBOOK 2002 • PAGE 385
UNIT SYNOPSES

► ADB062 ARCHITECTURAL APPLICATIONS 2

This 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

Credit points: 12  Contact hours: 3 per week

► ADB063 ARCHITECTURAL APPLICATIONS 3

This unit will be used to increase the student’s experience in applying theory to architectural problems, including site analysis, levels and contours in Design Science; construction detailing and documentation through drawings, models and computer simulation.

Courses: BN31

Prerequisites: ADB062

Credit points: 12  Contact hours: 3 per week

► 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.

Prerequisites: ADB063

Credit points: 12  Contact hours: 3 per week

► ADB065 ARCHITECTURAL APPLICATIONS 5

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.

Prerequisites: ADB064

Credit points: 12  Contact hours: 3 per week

► ADB066 ARCHITECTURAL APPLICATIONS 6

The unit will be used to increase the students experience in applying theory to architectural problems. A series of exercises in construction detailing and documentation.

Prerequisites: ADB065

Credit points: 12  Contact hours: 3 per week

► 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 selected areas.

Courses: AR48

Credit points: 12  Contact hours: 3 per week

► ADB101 INTERIOR DESIGN 1

Teaches students about the physical, historical, social and cultural constraints; person-environment analysis; and personal reflection, through 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

Credit points: 12  Contact hours: 7 per week

► 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; an introduction to materials and aesthetics and its relevance to person-environment interaction.

Courses: BN31  Prerequisites: ADB101

Credit points: 12  Contact hours: 7 per week

► 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; applying information theory, philosophy, ethics and current demands and considerations.

Courses: BN31

Prerequisites: ADB103  Corequisites: ADB124

Credit points: 12  Contact hours: 6 per week

► ADB105 INTERIOR DESIGN 5

The content covered in this unit includes: de- signing 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 per-environment interaction; and future material.

Courses: BN31

Prerequisites: ADB104  Corequisites: ADB125

Credit points: 12  Contact hours: 6 per week

► 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

Credit points: 12  Contact hours: 6 per week

► ADB122 INTERIOR TECHNOLOGY 1

Content includes: domestic building construction processes and materials; manufacturing processes and materials; sustainable design and communication tool, with an emphasis on marker rendering techniques and sketching techniques; design presentation; and furniture design and communication.

Courses: BN31

Prerequisites: ADB122

Credit points: 12  Contact hours: 4 per week

► ADB123 INTERIOR TECHNOLOGY 2

The content covered in this unit includes: document presentation; and the relationship of small-scale commercial interiors; building regulations and their relationship to public responsibility; building materials; and sustainability.

Courses: BN31

Prerequisites: ADB122

Credit points: 12  Contact hours: 4 per week

► 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

Credit points: 12  Contact hours: 4 per week

► ADB125 INTERIOR TECHNOLOGY 4

The content covered in this unit includes: theoretical analysis of interior construction and materials; analysis of partition and furniture systems; analysis of partition and furniture systems; 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  Contact hours: 2 per week

► 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

Credit points: 12  Contact hours: 3 per week

► 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 tool; communication and documentation techniques; emphasis on rendering techniques and sketching techniques; design presentation; and engineering drawing basics.

Courses: BN31  Corequisites: ADB241

Credit points: 12  Contact hours: 7 per week

► 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  Corequisites: ADB201

Credit points: 12  Contact hours: 7 per week

► 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; special characteristics of design elements; 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

Credit points: 12  Contact hours: 6 per week
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<th>UNIT SYNOPTES</th>
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| **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, 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: ADB203  
Corequisites: ADB224  
Credit points: 12  
Contact hours: 6 per week |
| **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  
Credit points: 12  
Contact hours: 6 per week |
| **ADB206 INDUSTRIAL DESIGN 4**  
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, work with an industry client, interdisciplinary teamwork, design ethics and culture, and designer's responsibilities toward the environment.  
Courses: BN31  
Prerequisites: ADB205  
Corequisites: ADB226, ADB236  
Credit points: 12  
Contact hours: 6 per week |
| **ADB212 ERGONOMICS FOR INDUSTRIAL DESIGNERS**  
The theories 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, design for safety and product useability.  
Courses: BN31  
Corequisites: ADB 204  
Credit points: 12  
Contact hours: 4 per week |
| **ADB226 INDUSTRIAL DESIGN HISTORY THOERY AND CRITICISM 1**  
Pre-historical artefacts and their evolutions; in-novations and crafts processes in the development of mass-production and its impact on the society; social and cultural changes influenced by design; design and politics; ideology of industrialisation.  
Courses: BN31  
Corequisites: ADB 204  
Credit points: 12  
Contact hours: 4 per week |
| **ADB227 INDUSTRIAL DESIGN HISTORY THOERY 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 design; designers' responsibilities toward the users and environment; design activity and design knowledge.  
Courses: BN31  
Prerequisites: ADB224 Corequisites: ADB206  
Credit points: 12  
Contact hours: 3 per week |
| **ADB232 DESIGN TECHNOLOGY AND SOCIETY**  
Introduction to applied technologies and how they relate to the industrial design and society in general, renewable and non-renewable resources, social change and life styles, use of resources and economy, 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  
Credit points: 12  
Contact hours: 4 per week |
| **ADB233 MANUFACTURING TECHNOLOGY 1**  
Applications of engineering mechanisms to products or systems, analysis of the performances of mechanical, electrical, hydraulic and pneumatic mechanisms, relation to particular functions, modelling methods and techniques for determining the behaviour of a system or product. Introduction to technical documentation and communication.  
Courses: BN31  
Prerequisites: ADB291  
Credit points: 12  
Contact hours: 4 per week |
| **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 manufactures.  
Courses: BN31  
Prerequisites: ADB233  
Credit points: 12  
Contact hours: 4 per week |
| **ADB235 MANUFACTURING TECHNOLOGY 3**  
Product analysis, product development strategies, industrial production economics, organisational, planning and technologies required for advanced manufacturing and its impact to product design solutions.  
Courses: BN31  
Prerequisites: ADB234  
Credit points: 12  
Contact hours: 4 per week |
| **ADB236 MANUFACTURING TECHNOLOGY 4**  
Value analysis, technical documentation and communication. Field studies complement the lecture series.  
Courses: BN31  
Prerequisites: ADB235  
Corequisites: ADB206  
Credit points: 12  
Contact hours: 4 per week |
| **ADB241 INDUSTRIAL DESIGN PROJECT**  
Introduction to application of basic industrial design skills and knowledge, industrial design case studies and field studies.  
Courses: BN31  
Corequisites: ADB201  
Credit points: 12  
Contact hours: 4 per week |
| **ADB244 COMPUTER AIDED INDUSTRIAL DESIGN 1**  
Overview of current development of the use of Computer Aided Industrial Design by industrial designers in the design process, application of CAID to 3D surface design, 3D spatial relationships, design documentation, 3D model to 2D engineering drawings, development of skills in the use of Computer Aided Industrial Design (CAID) for exploring, documenting and presenting design proposals through computer rendered and animated images.  
Courses: BN31  
Credit points: 12  
Contact hours: 3 per week |
| **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 projects for complex 3D objects. 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  
Credit points: 12  
Contact hours: 3 per week |
| **ADB795 PRACTICE EXPERIENCE A**  
The practice experience partnership with the architectural profession will enable the students to increase their skills in the further development of application of theory in ‘real life’ architectural projects.  
Courses: AR48  
Credit points: 36  
Contact hours: 4 per week |
| **ADB796 PRACTICE EXPERIENCE B**  
Under the practice experience partnership with the architectural profession the advanced student will progressively become an understudy of the architect and be exposed to all aspects of the profession.  
Courses: AR48  
Credit points: 60  
Contact hours: 3 per week |
| **ADB911 HUMAN ENVIRONMENT 1**  
Contemporary environmental issues: global warming, pollution, energy conservation, sustainability; anthropometrics and statistics; basic ergonomic principles; and requirements of special needs groups.  
Courses: BN31, AR48  
Credit points: 12  
Contact hours: 3 per week |
| **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: ADB913 (Arch), ADB123 (IntDes)  
Credit points: 12  
Contact hours: 3 per week |
| **ADB913 HUMAN ENVIRONMENT 3**  
Theories of cultural development and social change; consideration of the role of designed artefacts in these processes; political and social theories pertaining to design and development of the built environment. Contemporary theories of post-industrialism, post-colonialism and multi-culturalism; implications for design for the built environment. Projects can be based on the work of design professionals, historically and in contemporary society.  
Courses: BN31, AR48  
Prerequisites: ADB912  
Credit points: 12  
Contact hours: 4 per week |
| **ADB914 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  
Credit points: 12  
Contact hours: 3 per week |
| **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, Q U T H A N D B O O K 2 0 0 2 • P A G E 3 8 7
Faculty or University. The electives are to be approved by the Course Coordinator.

Credit points: 12 Contact hours: 3 per week

► ADP943 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

Credit points: 12 Contact hours: 3 per week

► ADP107 INTERIOR DESIGN 7
This unit provides students with the opportunity to participate in 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 ADP108. The unit consists of theory, identification, qualification and substantiation, context exploration and consolidation.

Courses: AR62

Prerequisites: ADP108 Corequisites: ADP161
Credit points: 12 Contact hours: 3 per week

► ADP108 INTERIOR DESIGN 8
This unit extends 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: ADP107 Corequisites: ADP162
Credit points: 12 Contact hours: 3 per week

► ADP114 PROFESSIONAL STUDIES 1
This unit addresses the interior design profession, its organisation and theoretical and practical relationship with other professions and disciplines; professionalising incorporating ethics; industry product safety standards and continuing education; specific responsibilities involving brief development; and post-occupancy evaluation.

Courses: AR62

Prerequisites: ADP106 Corequisites: ADP114
Credit points: 12 Contact hours: 4 per week

► ADP155 INTERIOR AS A CONSTRUCT 2
In this unit, stage design will be used as a frame-of-reference for exploring various aspects of perceptual and visual design such as play and imagining. In addition, the unit provides a basis for exploring notions of temporary, transitory space and virtual environment.

Courses: AR62

Prerequisites: ADP155
Credit points: 12 Contact hours: 4 per week

► 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 and incorporates attention to validity, reliability and generalisation; advanced information retrieval; literature searching and reporting.

Courses: AR62

Prerequisites: ADP105 or equivalent
Corequisites: ADP107
Credit points: 12 Contact hours: 4 per week

► ADP162 INTERIOR RESEARCH 2
This unit provides methodological support for the major project in ADP108. The ability to undertake critical research is considered an integral aspect of responsible design. The unit content covers data collection, analysis and reporting.

Courses: AR62

Prerequisites: ADP107 or equivalent
Corequisites: ADP108
Credit points: 12 Contact hours: 4 per week

► ADP207 INDUSTRIAL DESIGN 5
The studio exercises to which most of the time is devoted will aim towards design of products or systems in depth. The emphasis is on understandings 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 innovation; work with a client, multidisciplinary teamwork; product integration and development; design ethics and culture; and designer’s responsibilities toward the environment.

Courses: AR61

Credit points: 12 Contact hours: 4 per week

► 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

Credit points: 12 Contact hours: 3 per week

► ADP218 ADVANCED ERGONOMICS
Basics of cognitive ergonomics; product useability evaluation methods and their applications; case studies.

Courses: AR61

Credit points: 12 Contact hours: 4 per week

► 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

Credit points: 12 Contact hours: 3 per week

► ADP267 INDUSTRIAL DESIGN RESEARCH 2A
This unit combines the applied research topic selected by a student and supervised by the industrial design staff. External specialists may be involved as required.

Courses: AR61

Credit points: 12 Contact hours: 5 per week

► ADP268 INDUSTRIAL DESIGN RESEARCH 2B
This unit combines the applied research topic selected by a student and supervised by the industrial design staff. 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: ADP 207, ADP 267
Corequisites: ADP 269
Credit points: 12 Contact hours: 4 per week

► ADP943 ELECTIVE 3
This 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 Faculty and University. The electives are to be approved by the Course Coordinator.

Courses: AR61

Credit points: 12 Contact hours: 3 per week

► 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

Credit points: 6 Contact points: 3 per week

Incompatible with: MIB204

Campus offered: GP Semester offered: 1, 2

► AMB201 MARKET & 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: BS50, BS56, IF05, IF09, IF27, IF28, IF30, IF41, IF47, IF48, IF61, IF62

Credit points: 6 Contact points: 3 per week

Incompatible with: MIB305

Campus offered: GP Semester offered: 1, 2

► BS202 INTEGRATED MARKETING COMMUNICATION
In past decades many marketers separated the various marketing and promotional functions. Today, planners and managers work more closely with separate budgets, separate goals and objectives, and separate views of the market. Today many companies recognise the concept of integrated marketing communication, which coordinates the various promotional elements along with other marketing activities that communicate with customers. Integrated marketing communication requires a ‘total’ approach to planning marketing and promotion programs and coordinating communication functions.

Courses: BS50, BS56, IF05, IF09, IF27, IF28, IF30, IF41, IF47, IF48, IF61, IF62

Credit points: 6 Contact points: 3 per week

Incompatible with: COB207

Campus offered: GP Semester offered: 1

► AMB203 INDEPENDENT STUDY
This independent study provides an opportunity for advanced undergraduate students to undertake individual research in an area that is complementary to their course work.

Courses: BS56

Prerequisites: Prior approval from the Head of School

Credit points: 12 Contact points: 3 per week

Incompatible with: COB206

Campus offered: GP Semester offered: 1, 2

UNIT SYNOPSIS
AMB220 ADVERTISING THEORY & 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 marketing function. It addresses the historical development of the unit traverses the interrelationship of the institutions of advertising, the advertisers, the advertising media, and the advertisers' behavior. The unit also covers the advertising objective, budgets, and enables learners to gain a preliminary understanding of the creative functions of the advertising industry. It also shows the role of legal and ethical aspects of advertising and its important role in society and the economy.

Credit points: 12
Contact hours: 3 per week
Incompatible with: COB308
Campus offered: GP
Semester offered: 2

AMB221 ADVERTISING COPYWRITING
This unit is an important base for further study in advertising and is one of the foundations of advertising. The unit introduces the principles, theory, research and practice relating to the creation of advertisements. The unit begins with an understanding of the creative process and introduces a series of creative strategies. The duties of the advertising copywriter are examined, as is the relationship between advertising copy and art. Practical work involves the writing, setting and presentation of copy for print advertising for manufacturers, service industries and the retail sector. Case briefs for assignments are presented to students by advertisers or advertising agency executives. Finished presentations are then made to these professionals.

Credit points: 12
Contact hours: 3 per week
Incompatible with: COB304
Campus offered: GP
Semester offered: 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, and production. In-depth analysis of advertising media will allow learners to develop an understanding of the characteristics of the medium and reach potential market groups. The unit covers media decision-making, media strategy and research to the development of a media plan which will be evaluated.

Credit points: 12
Contact hours: 3 per week
Incompatible with: COB317
Campus offered: GP
Semester offered: 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 unit considers the Internet on consumer behaviour and how this translates into the marketing mix and marketing communications is analysed. Learning outcomes in strategic planning, creative strategy and design, media planning, research and campaign evaluation.

Credit points: 12
Contact hours: 3 per week
Incompatible with: COB218
Campus offered: GP
Semester offered: 2
that place the organisation's product or service in the hands of its customers. The subject is designed to cover the core components of the services sector and to provide students with the means to understand the importance of logistics, and make improvements that will increase customer service and reduce distribution costs. The subject involves the application of models and techniques concerned with product flow from producer to consumer and the procurement of services. It includes manufacturing and distribution strategies, quality, inventory costs and control, warehousing and transportation, location, and international logistics. Plant visits are an important part of the learning process.

Courses: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: BS81B26
Credit points: 12 Contact hours: 3 per week Incompatible with: MIB215
Campus offered: GP
Semester offered: Not offered 2002

► AMB281 PROMOTIONAL STRATEGY
This unit introduces students to theories of promotional strategy within the marketing mix and more contemporary concepts of integrated marketing communication are reviewed in this subject. An analysis of the corporate and marketing strategies and decisions serves as the basis for studying branding, positioning and unique selling propositions, the role of promotion in the strategic communication strategy and the choice of promotional mediums, tactical solutions and related planning. The development of integrated marketing communication, including the importance of planned communication, management of unplanned messages and other marketing functions, which contribute to brand image, are initially examined. More focused studies of the contemporary roles of public relations, advertising, sales promotion, direct marketing and personal selling and direct marketing are then undertaken.

Courses: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: BS51B116
Credit points: 12 Contact hours: 3 per week Incompatible with: MIB228
Campus offered: GP
Semester offered: Not offered 2002

► AMB310 INTERNSHIP
Provides the student with experience of professional practice in a suitable company where they actively work on a part-time basis. Students undertakes a preferred study program within the Advertising, Marketing or Public Relations field, supervised to prepare a number of reports reflecting the theoretical concepts acquired during the degree program, and heightening students practical skills. Students must obtain the approval of the Major Coordinator prior to enrolling in this unit.

Credit points: 12 Contact hours: 3 per week Incompatible with: MIB310
Campus offered: GP
Semester offered: 1, 2

► AMB320 ADVERTISING MANAGEMENT
This unit takes the perspective of the Advertising Manager with an emphasis on 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 advertising campaign, 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: AMN212, AMN222
Credit points: 12 Contact hours: 3 per week

Incompatible with: COB306
Campus offered: GP Semester offered: 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 advertising situations that incorporate all aspects of an advertising campaign, including objectives, media, budgeting, measurement, 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
Credit points: 12 Contact hours: 3 per week Incompatible with: COB303
Campus offered: GP Semester offered: 1, 2

► AMB330 ADVERTISING STRATEGY AND PLANNING
This advanced unit builds on the theoretical perspectives offered and developed skills introduced to students in copywriting, media and advertising management. It explores important issues such as the contribution of the creative process to advertising; the hierarchical development of strategy from marketing and IMC strategy through to advertising 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, the unit benchmarks to evaluate advertising copy, type and design and devise strategies for on-time and on-budget process management. Students apply this advanced understanding and skills to their chosen field of advertising management, media or creative.

Courses: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: AMB221, AMB222
Credit points: 12 Contact hours: 3 per week Incompatible with: COB300
Campus offered: GP

► AMB331 DIRECT MARKETING
The discipline of direct marketing has grown in importance because of its precise targeting, comparative ease of accountability, its foundational role in integrated marketing communication (IMC) and its increasing share of the marketing communication budget. This unit focuses on the principles of direct marketing and the role of the database in understanding consumer needs, tracking customers and building stakeholder relationships. It examines the components of direct marketing, evaluation of advertising copy, type and design and direct marketing and 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
Credit points: 12 Contact hours: 3 per week Incompatible with: COB315
Campus offered: GP Semester offered: 1

► AMB332 DIRECT MARKETING & SALES MANAGEMENT
This final unit explores the relationship between direct marketing and sales management. This unit explores the relationship between direct marketing and sales management. This unit explores the relationship between direct marketing and sales management.

Courses: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: AMB240 or AMB202
Credit points: 12 Contact hours: 3 per week Incompatible with: MIB315
Campus offered: GP Semester offered: 1, 2

► AMB350 RELATIONSHIP & SALES MANAGEMENT
Theories related to marketing exchange and the concepts of consumer transactions and relationships and their relative importance in different marketing contexts (e.g. retail versus business-to-business markets, services and goods) 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 importance of relationship marketing in the context of relationships in interfacing with the market provides a platform for examining the approach to sales management, including ethical and principled principles and ethics, the setting of sales objectives, selling logistics, account and territory management, personnel selection and personal selling, and measuring sales performance.

Courses: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: AMB240 or AMB202
Credit points: 12 Contact hours: 3 per week Incompatible with: MIB320
Campus offered: GP Semester offered: 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 industry and the importance of tourism within elements of that mix. Services marketing concepts and theories of tourist behaviour are utilised in the analysis of the tourist experience; processes of destination and product development to meet market needs; and, strategy development, roles of government, and international tourism marketing environments. Macro-environmental issues impacting on tourism such as sustainability of the industry and environmental, socio-political and economic factors. 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: AMB340
Credit points: 12 Contact hours: 3 per week
UNIT SYNOPSES

Incompatible with: MIB321
Campus offered: GP
Semester offered: 2

► AMB352 MARKETING DECISION MAKING
The nature of decisions and decision models in specific strategic and tactical areas of marketing management will be examined. Decisions related to sales forecasting, market analysis, product planning, pricing, promotion and distribution will be discussed. Students are exposed to computer software and analysis skills that aid the marketing decision process and build their analytical and decision making capabilities. The unit also embraces the analysis and implementation 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
Credit points: 12
Contact hours: 3 per week
Incompatible with: COB323, AMB386

Campus offered: GP
Semester offered: 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. The unit relates to 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 that are expected to research, develop and present their plans. This unit incorporates real world clients to enhance the learning experience.

Courses: BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: AMB261, AMB262
Credit points: 12
Contact hours: 3 per week
Incompatible with: COB323, AMB387
Campus offered: GP
Semester offered: 1, 2

► AMB370 PUBLIC RELATIONS CASES
This unit involves students with an understanding of a wide range of public relations challenges in order to build a better range of experience of public relations in real life situations. Australian and international case studies will be used to explore different components of public relations practice.

Courses: BS50, BS56, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: AMB261, AMB262
Credit points: 12
Contact hours: 3 per week
Incompatible with: AMB360
Campus offered: GP
Semester offered: 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: AMB261, AMB262
Credit points: 12
Contact hours: 3 per week
Incompatible with: COB421
Campus offered: GP

► AMB380 PUBLICATION MANAGEMENT
Analyses the steps involved in communicating in print and managing this process. It focuses on the role of the communication consultant to negotiate tension between a client’s specifications and an audience’s requirements, and oversee the management of resources to produce a tangible and useful product. The unit is an essential element in a communication program. The unit offers students the opportunity to produce a ‘real life’ brochure for a client.

Courses: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: AMB261, AMB262
Credit points: 12
Contact hours: 3 per week
Incompatible with: AMB260
Campus offered: GP
Semester offered: 1, 2

► AMB381 PUBLIC RELATIONS CAMPAIGNS
A specialist public relations unit allowing students to integrate the tactical subjects taken throughout the semester in one course, in a strategic and focused manner. It is practice-based and the lecture program consists of topics covering client relations, use of research, objectives setting, the development of a written proposal, planning and analysing special events and media relations. Specialist practitioners are invited to impart their knowledge in the field of public relations.

The major assignment is a campaign for a community organisation, which is conducted with students working in small groups.

Courses: BS50, BS56, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: AMB261, AMB262
Credit points: 12
Contact hours: 3 per week
Incompatible with: COB323, AMB381
Campus offered: GP
Semester offered: 1, 2

► AMB382 PR ISSUES & STRATEGIC PLANNING
Consists of four modules: public relations in the context of strategic management; issues management; strategic public relations research, and public relations in the corporate environment. Students work in small groups to research, prepare and present a public relations campaign for an organisation.

Courses: BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF62
Prerequisites: COB327
Credit points: 12
Contact hours: 3 per week
Incompatible with: MKB133, AMB360
Campus offered: GP
Semester offered: 1, 2

► AMN400 CONSUMER BEHAVIOUR
This unit examines the internal and external factors that influence the purchase and consumption behaviour of individuals and organisations. It reviews the major theories that explain consumer behaviour, concepts, which form the theoretical foundation for understanding individual and group behaviour patterns. Students use this knowledge in formulating strategies that help to predict and explain this behaviour.

Courses: BS39, BS63, BS92, BS93, GS10, GS11, GS13, GS58, GS87, GS90, GS91, GS92
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: MIN419
Campus offered: GP
Semester offered: 1, 2

► AMN401 INTEGRATED MARKETING COMMUNICATION
The practice of IMC is emerging as a valuable means of gaining a competitive advantage. Students will be developing the theoretical concepts of integrated marketing communication in a practical environment. Issues include IMC strategy, corporate identity, the identification and management of all types of communication and the integration of the four discipline areas of advertising, public relations, direct response, and sales promotion, planning and evaluation of integrated marketing communication programs.

Courses: BS72, BS88, BS93, BS39
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: COB421
Campus offered: GP
Semester offered: 2

► AMN402 QUALITATIVE RESEARCH MANAGING A RESEARCH PROJECT
The purpose of this unit is to develop in students the ability to analyse, evaluate and conduct research in discipline areas related to business. It first introduces students to the epistemology of the research process, legitimating multiple approaches. Its focus thereafter is qualitative. It provides an essential and basic preparation for the development of a project, thesis or dissertation proposal. Areas of study include data collection and analysis and include: research paradigms; analysis and criticism; research design; data collection; data manipulation and interpretation; and writing and presentation of a research paper.

Courses: BS56, BS88, BS92, BS93, BS95
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: BSN102
Campus offered: GP
Semester offered: 1

► AMN403 MARKET & SURVEY RESEARCH
Provides an understanding of the issues underlying the conduct of market and other business related research. Issues include: identifying the research problem, ethical considerations, collecting and analysing data, computer programs, how to write a report and make a presentation to management. Teaching processes will include lectures, seminar discussions, group pilot re-
search reports, and class presentations. The writing and presentation skills will be used throughout the course.

Courses: BS39, BS92, BS93, BS95
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: CON413
Campus offered: GP
Semester offered: 1, 2

► AMN404 READINGS
Provides students with the opportunity to explore in depth the literature on a particular topic or area of communication under the direction of a supervisor. The readings should integrate and consolidate aspects of the studies undertaken in the course to date. Students are required to meet regularly with the supervisor for discussion and advice and to submit a paper of 4000 to 5000 words at the end of semester.

Courses: BS93
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: CON416
Campus offered: GP
Semester offered: 1, 2, 3

► AMN420 ADVERTISING MANAGEMENT
Empowers students to make effective management decisions within the advertising process. It examines the role 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, BS72, BS88, BS93
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: CON417
Campus offered: GP
Semester offered: 1, 2

► AMN421 CONTEMPORARY ISSUES IN ADVERTISING
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.

Courses: BS39, BS93
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: CON412
Campus offered: GP
Semester offered: 1, 2

► AMN422 MEDIA STRATEGY
One of the ultimate determinants of the effectiveness of media strategy is the media strategy. This unit examines ways to improve efficiency in media planning, buying, coordination and integration of 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: BS72, BS88, BS93, BS39
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: CON418
Campus offered: GP
Semester offered: 1

► AMN423 STRATEGIES FOR CREATIVE ADVERTISING
Examines the implications arising from current theories of creative advertising. It requires students to develop and advance applied and theoretical perspective of creative strategy. Areas for discussion include the development of a creative philosophy, creative planning, the use of appeals and execution styles, how they affect the creative impact of a campaign, and the message development process.

Courses: BS39, BS72, BS88, BS93
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: CON419
Campus offered: GP
Semester offered: 2

► AMN424 ADVERTISING PLANNING
This unit allows students to integrate their knowledge of planning acquired through prior studies and professional experience. The unit helps learners develop the skill and perspective to understand and critically analyse the process of advertising planning. It will use case studies of advertising campaigns. In addition to learning about the advertising planning process, learners will develop skills in advertising management, including the strategies behind the campaign, its objectives, message and media strategies, investment levels, and methods of evaluation.

Courses: BS39, BS72, BS88, BS93
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: CON419
Campus offered: GP
Semester offered: 1

► AMN442 MARKETING MANAGEMENT
An advanced study of marketing, marketing systems and marketing management within the contemporary structure of social, cultural, political, economic, business and organisational environments. The interpretation of accounting reports to identify and develop financial information necessary to plan and control the marketing function. Marketing management issues associated with advertising and public relations and the relevance of marketing theory to these institutions.

Courses: BS39, BS63, BS92, BS93
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: MIN422
Campus offered: GP
Semester offered: 1, 2

► AMN443 PRODUCT AND SERVICE INNOVATION
This unit examines the dynamics of innovation and development within the mix of core marketing activities of organizations. Once establishing the integral role innovation plays in organizations, 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: BS30, BS63, BS92, BS93, GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: MIN423
Campus offered: GP
Semester offered: 1

► AMN444 SERVICES MARKETING
This unit offers an in-depth, practical approach to studying services and explores both strategic and operational issues including the design and delivery of services; the role of services in organisations; service strategies; definition, measurement and implementation of customer focused marketing programs in service industries; and the establishment and maintenance of relationships with customers.

Courses: BS30, BS39, BS63, BS92, BS93, GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: MIN424
Campus offered: GP
Semester offered: 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 develops skills needed for the development function’s performance with appropriate tools to diagnose, assess, track and evaluate performance and to modify performance. Links between the marketing function and other functions of a business such as accounting, operations and human resources will be reviewed, so that the student would be in a position to move.

Courses: BS30, BS39, BS63, BS92, BS93, GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: MIN425
Campus offered: GP
Semester offered: 2

► AMN446 CORPORATE AND INVESTOR RELATIONS
Reviews all aspects of the public relations functions including the role of media and community relations. Focus of specific focus is placed on how publicly listed companies meet both regulatory and marketing requirements in communicating with external audiences. Suitable communication tools will be examined for use in ongoing investor relations programs as well as in specialist situations including financial communication during takeover and capital raising periods.

Courses: BS72, BS88, BS93, BS39
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: CON409
Campus offered: GP
Semester offered: 2

► AMN446 CORPORATE MEDIA STRATEGY AND TACTICS
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 and 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 strategies and tactics through analysis of contemporary media case studies.

Courses: BS72, BS88, BS93, BS39
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: CON424
Campus offered: GP
Semester offered: 1

► AMN463 PUBLIC OPINION & PUBLIC RELATIONS
This unit provides a detailed overview of the theoretical foundations and empirical research underpinning public opinion. The overview includes a detailed examination of the role of mass media in the development and change of public opinion. The unit addresses the central problems of measuring and interpreting public opinion. An additional focus of the unit is to examine the role of public relations in efforts to shape and manage public opinion. Finally, the unit builds an advanced understanding of the use of survey research to support the descriptive, diagnostic, and prescriptive information needs of corporate management related to public opinion.

Courses: BS39, BS72, BS93
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: CON404
Campus offered: GP
Semester offered: 2

► AMN464 PUBLIC COMMUNICATION
Explores the scope and context of public communication. This unit introduces key concepts and explores how communication in this context is constructed, their assumptions and research methods underpinning them, and asks students to consider whether campaign planning and evaluation is as effective as it might be. The unit also explores community activities to develop a public issue, and community consultation as a process.

Courses: BS72, BS88, BS93, BS39
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: CON414
Campus offered: GP
Semester offered: Not available 2002

► AMN465 PUBLIC RELATIONS MANAGEMENT
Provides an understanding of the theory and practice of public relations. The history, theories, models and management of public relations activities and processes are covered, including the role of public relations in communicating with financial markets, methods of communicating with different groups within society. Students will explore areas of specialisation including government, community consultation, crisis management, community relations, media liaison, and government relations.

Courses: BS30, BS72, BS88, BS39
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: CON415
Campus offered: GP
Semester offered: 1
UNIT SYNOPSIS

► AMN466 CORPORATE COMMUNICATION STRATEGY
This unit will provide an understanding of the development and analysis of communication strategy in public relations, advertising, and corporate communications. The unit will include the study of communication and the role of public relations in competitive and corporate advantage. The unit will address the design, development and implementation of communication and public relations strategies and plans. The emphasis will be on the evaluation and refinement of these strategies.

Campus offered: GP
Credit points: 12
Contact hours: 3 per week
Incompatible with: CON408

► AMN467 PUBLIC RELATIONS CAMPAIGNS
This unit provides a systematic exploration of the planning, and the management and evaluation of public relations campaigns and programs. Students will learn about the role of public relations in the management of urban design and urban development. The unit will be structured around key topics of public relations including: the planning of public relations campaigns; the identification and analysis of public relations problems; the development of public relations strategies; the evaluation of public relations campaigns; and the management of public relations.

Courses: BS63, BS72, BS88, BS92, BS93
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Campus offered: GP
Semester offered: 2

► AMN468 ISSUES AND CRISIS MANAGEMENT
Examine the strategic management of crisis communication, exploring medias pre-crisis planning of issues and crisis, the implementation of strategies, the impact of social media, and the management of crisis. The unit will examine the implementation of general communication tools to a specialised area.

Courses: BS93, BS95, BS97
Prerequisites: 12
Credit points: 12
Contact hours: 3 per week
Incompatible with: CON408

Campus offered: GP
Semester offered: 1

► ARB034 ELECTIVE 3
Electives draw from an existing range of units available within the Faculty of Built Environment and Engineering or another faculty at QUT, and approved by the course coordinator.

Courses: BN3
Credit points: 6
Contact hours: 2 per week

► ARB081 HISTORY, THEORY & CRITICISM OF URBAN DESIGN
Analysis of systems and trends 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 architects. Specific theoretical topics include the 'kunstlerischen Grundsatzen' of Camillo Sitte, the Garden City movement, Le Corbusier and modernist urban design, and the townscape movement, Jane Jacobs, Kevin Lynch and the Responsive Environments approach. Students will be introduced to some of the current movements such as 'the new urbanism'.

Credit points: 12

► 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 technique will typically involve a theory-based preparation of an urban design proposal for an urban area with a particular characteristic.

Courses: BS63, BS72, BS88, BS92, BS93
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: CON408

Campus offered: GP
Semester offered: 2

► AMR093 BUILDING DIAGNOSTICS
Systems of diagnostics, including methods of detection, examination and identification of symptons and procedures of reporting and diagnosis to determine the state of health of buildings will be studied. Diagnosis, prognosis, remedies and an understanding of their implementation will be illustrated through case studies. Legal procedures through the courts including forensic evidence and professional duties will be covered.

Courses: AR66
Credit points: 12

► AYB120 BUSINESS LAW
Australian legal and constitutional system; sources of law, including doctrines and methodology of the law; statutory interpretation; a study of the law of contract; agency; aspects of consumer protection.

Courses: BS50, BS56, ED50, IF28, IF30, IF47, IF48, IF56, IF60, IF72, IF70, PU40
Prerequisites: BS111 or BS114
Credit points: 12
Contact hours: 3 per week
Incompatible with: ALB110, ACB140, ACB371, BS216, BW3001, BW3013

Campus offered: GP
Semester offered: 1, 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 re- quirments, and the application of practical accountancy. Topics include: the formation, operation, financial reporting and disclosure for both Partnerships and Companies, accounting for taxes, and the professional role of accountants.

Courses: BS50, BS56, ED50, IF37
Prerequisites: BS110
Credit points: 12
Contact hours: 3 per week
Incompatible with: AYB111, AYB115, AYB210, ACB3001, ACB3014

Campus offered: GP
Semester offered: 1, 2

► AYB122 GOODS & SERVICES TAX
This unit introduces students to the statutory framework of the Australian Goods and Services Tax (GST) system, elements in the determination of taxable supplies and input taxes, the analysis of GST-free supplies and input taxted supplies, consideration of transitional issues and the administrative framework for the implementation of the GST.

Courses: BS56
Credit points: 12
Contact hours: 3 per week
Campus offered: GP
Semester offered: 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 companies; the requirements of the Corporations Law and major disclosure requirements of accounting standards; accounting for income tax (tax-effect accounting); accounting for the acquisition of assets and re-organisation of the corporate structure through the acquisition of business undertakings such as associates and subsidiaries; the termination of a company’s life and the accounting procedures necessary in winding up/liquidation; 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, IF47, IF48
Prerequisites: AYB112
Credit points: 12
Contact hours: 3 per week
Incompatible with: AYB112, AYB212, ACB412, ACB3003, ACB3016

Campus offered: GP
Semester offered: 1, 2

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UNIT SYNOPTES

► AYB221 COMPUTERISED ACCOUNTING SYSTEMS

The unit introduces students to the application of the concepts, processes and issues relevant to computerised accounting systems including accounting information and control systems, the development and development of computerised accounting systems including general ledger and reporting cycle, payroll cycle and production cycle; 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 Attaché Business Partner, spreadsheet software such as Excel, or multimedia software such as Accounting Information Systems Cycles.

Courses: B505, B565, ED50, IF37, IF72
Prerequisites: BSB110, BSB112 or ITB412
Credit points: 12 Contact hours: 3 per week Incompatible with: AYB222, AYB101, BS942, AC3010, AC3035
Campus offered: GP Semester offered: 1, 2
► AYB223 LAW OF BUSINESS ASSOCIATIONS

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 is on company incorporation requirements, classification, share capital, and management issues.

Courses: B505, B565
Prerequisites: AYB120 (JSB086 and JSB087 for Education students)
Credit points: 12 Contact hours: 3 per week Incompatible with: AL1122, ACB240, LW3002, LW3014
Campus offered: GP Semester offered: 1, 2
► AYB225 MANAGEMENT ACCOUNTING

This unit introduces students to accounting systems and techniques that provide management at all levels with information for use in planning, controlling and decision-making. This can be contrasted with financial accounting, which provides summary financial information principally for external users (i.e. 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: B505, B565, ED50, IF28, IF30, IF37, IF40, IF41, IF47, IF48, IF60, IF72, IT20
Prerequisites: BSB110
Credit points: 12 Contact hours: 3 per week Incompatible with: AYB224, FNB123, ACB220, AC3004, AC3017
Campus offered: GP Semester offered: 1, 2
► AYB227 INTEGRATED ACCOUNTING

International Accounting provides students with the knowledge of international accounting crucial for achieving proper understanding of international business communications. International accounting was once a specialist field of inquiry. Today it is an integral feature of the global business and financial scene. 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 procedures; the influences on accounting; international financial reporting issues such as international business combinations; intangibles, foreign currency transactions and translation; comparative international analysis of financial statements; and global accounting issues in the twenty-first century.

Courses: B565
Prerequisites: BSB110
Credit points: 12 Contact hours: 3 per week Incompatible with: AYB311
Campus offered: GP Semester offered: 1
► AYB301 AUDITING

This unit introduces students to 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 truth and fairness of financial reports of various types of entities.

Courses: B505, B565, ED50, IF28, IF30, IF37, IF47, IF62, IF72
Prerequisites: AYB220
Credit points: 12 Contact hours: 3 per week Incompatible with: AYB210, ACB311, AC3005, AC3017
Campus offered: GP Semester offered: 1, 2
► AYB305 COMPANY LAW & PRACTICE

Advanced topics in company law including: positive accounting theory and dividend policy; insider trading, takeovers and buy-backs, law relating to financially troubled companies.

Courses: B505, B565 
Prerequisites: AYB223
Credit points: 12 Contact hours: 3 per week Incompatible with: AL1120
Campus offered: GP Semester offered: 2
► AYB309 COMPUTER SECURITY & AUDIT

The impact of Computer Information Systems (CIS) on controls and auditing, general controls, and application components. Use of 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: B505, B565
Prerequisites: AYB301
Credit points: 12 Contact hours: 3 per week Incompatible with: AYB225
Campus offered: GP Semester offered: 2
► AYB310 COMPUTERISED ACCOUNTING APPLICATIONS

Use of software to build automated 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 (for example, general ledger, accounts receivable ledger or accounts payable ledger). Macros will be utilised in spreadsheets software to build automated accounting-related models. Issues and recent developments in accounting information systems will also be examined.

Courses: B505, B565
Prerequisites: AYB221
Credit points: 12 Contact hours: 3 per week Incompatible with: AYB218
Campus offered: GP Semester offered: 2
► AYB311 FINANCIAL ACCOUNTING

Introduces the nature of accounting theory, and integrates theory with accounting practice to assist in the understanding of financial accounting issues involving the measurement of profits, assets and liabilities; history of accounting theory; the audit; owner’s equity, revenue and expenses. An overview of the standard setting process and the conceptual framework. Definition, recognition, measurement and classification of assets, liabilities, owner’s equity, revenue and expenses. An overview of contracting cost theory is provided to help explain why companies would choose one accounting policy over another. Accounting for long term construction contracts, general insurance exposures and significance and valuation of non-current assets, accounting for goodwill and intangibles and accounting for the extractive industries; debt versus equity, off-balance sheet finance, financial statements, accountancy, accruals, rent, leases, employee entitlements and superannuation plans.

Courses: B505, B565, ED50, IF37
Prerequisites: AYB220
Credit points: 12 Contact hours: 3 per week Incompatible with: AYB113, ACB310, AC3007, AC3017, AC3035
Campus offered: GP Semester offered: 1, 2
► AYB312 FINANCIAL INSTITUTIONS LAW

This unit deals with the regulation of banks and other financial institutions, the financial institutions’ scheme, bank-customer relationship, laws relating to cheques and other negotiable instruments, lending agreements and transactions and other possible grounds of liability in its dealings with customers.

Courses: B505, IF28, IF40, IF41, IF47, IF48, IF60, IF62
Prerequisites: AYB120 (JSB086 and JSB087 for Education students)
Credit points: 12 Contact hours: 3 per week Incompatible with: ALB103
Campus offered: GP Semester offered: 1
► AYB319 BANKING AND ACCOUNTING

This unit is designed to expose students to the context and operation of accounting in the public sector. Government accounting and budgeting practices are reviewed, and a comparison is made to private sector practice. This unit will examine several practical aspects of public sector accounting.

Courses: B505
Prerequisites: BSB110
Credit points: 12 Contact hours: 3 per week Incompatible with: GP
Campus offered: GP Semester offered: 2
► AYB321 N: 2 GEMET ACCOUNTING THEORY

This unit develops a theory of organisations that provides an understanding of the information requirements of management. It considers strategic planning, decision-making and control necessary for the achievement of their objectives. A focus on a world of unstructured problem solving and develops skills in managerial decision-making. The unit commences with an overview of the nature of organisations and the potential for human behaviour to impede the achievement of organisational objectives. The theory is then extended into a consideration of how organisational structures and operational technologies have evolved to resolve this problem. These include the management of control systems, performance evaluation and compensation incentives and decision-making in regard to cost, profit and investment centres. New management accounting practices around the world, including activity-based costing, balanced scorecard; economic value added are discussed as techniques for adding value to the firm.

Courses: B505, B565, ED50, IF37
Prerequisites: AYB225
Credit points: 12 Contact hours: 3 per week Incompatible with: FNB124, ACB321, AC3005, AC3025
Campus offered: GP Semester offered: 1, 2
► AYB323 TAX PLANNING

Application of income tax and other revenue laws to specific tax planning situations, including the structure and operation of enterprise and commercial entities, the impact of government incentives, the professional responsibilities of the tax practitioner and the statutory provisions, case law and professional standards relating to tax avoidance and evasion.

Courses: B505, B565, ED50
Prerequisites: AYB326 or as a corequisite
Credit points: 12 Contact hours: 3 per week Incompatible with: ALB131
Campus offered: GP Semester offered: 2
► AYB325 TAXATION LAW

Statutory framework of the Australian taxation system. Elements in the determination of taxable income and the levy of income tax are examined with reference to the 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 taxation of other entities, including companies, trusts and partnerships is also examined with a brief overview of the goods and services tax. Emphasis is placed on developing students’ skill in problem solving through research and analysis of taxation issues.

Courses: B505, B565
Prerequisites: AYB223
Credit points: 12 Contact hours: 3 per week Incompatible with: ALB132, ACB340, LW3004, LW3015
Campus offered: GP Semester offered: 1, 2
This unit examines the principles governing the taxation of business entities from a domestic and international perspective. The taxation processes for partnerships, companies, trusts and superannuation funds will be analysed. Students will be taught within the context of the recent tax reform process including the consolidation and entity tax regime effective as at 1 July 2001. Emphasis is placed on developing skills for solving taxation through research and analysis of taxation issues.

Courses: BS50, BS55
Prerequisites: AYB325
Credit points: 12
Contact hours: 3 per week
Incompatible with: AYB326, ALB133
Campus offered: GP
Semester offered: 1, 2

► AYB333 APPLICATIONS IN BUSINESS LAW
This unit is concerned with investigation and showing students how different organisations are accepting and using various electronic commerce applications. Accordingly, students will visit sites to ascertain what e-commerce applications the sites are using and why. Students will be taught the importance of the e-commerce making framework. Students will be shown how this framework explains why different organisations might make use of different e-commerce applications.

Courses: IT21
Prerequisites: 96 credit points of approved study
Credit points: 12
Contact hours: 3 per week
Incompatible with: BS212
Campus offered: GP
Semester offered: 1

► AYB334 PRINCIPLES OF SUPERANNUATION
The nature of superannuation; types of plans and their advantages; Australia’s superannuation regulatory system; record keeping for superannuation funds; accounting for superannuation plans and employee entitlements; audit of superannuation plans; performance reporting by superannuation plans; taxation of superannuation; performance evaluation of superannuation plans; contemporary issues in superannuation.

Courses: BS56, BS55, IF37, IF41
Prerequisites: BS111 or AYB120
Credit points: 12
Contact hours: 3 per week
Campus offered: GP
Semester offered: 2

► AYB335 PRINCIPLES OF PERSONAL FINANCIAL PLANNING
The planning of financial planning; ethical and legal obligations of practitioners; financial planning for personal exertion income and personal expenditure; taxation of superannuation benefits; forms of direct and indirect investment; family law implications for financial planning; succession planning; planning for declining physical and mental capacity; evaluating investment options and assessing financial planning needs; preparing a simple financial plan.

Courses: BS50, BS55, IF37, IF41
Prerequisites: BS111 or AYB120
Credit points: 12
Contact hours: 3 per week
Campus offered: GP
Semester offered: 2

► AYN405 ADVANCED TAX PLANNING
Application of technical expertise in income tax and other revenue laws to specific tax planning situations including employee remuneration, retirement, investment, business and professional practice; the professional responsibilities of tax advisers.

Courses: BS70, BS94
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: AYN101
Campus offered: GP
Semester offered: 1

► AYN406 CAPITAL GAINS TAX
Analysis of the capital gains tax regime, a discrete area of taxation that is complex in nature and has far-reaching commercial ramifications. The focus is on specific issues that have significant practical relevance.

Courses: BS70, BS94
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: AYN102
Campus offered: GP
Semester offered: 1

► AYN410 BUSINESS LAW & ETHICS
Introduction to business law and morality in the business context. Interpretation of statutes, law of torts, contract law, consumer protection and agency law 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. The functioning morality in society drawing on psycho- logical, sociological and philosophical perspectives with special emphasis on business aspects of morality.

Courses: BS30, BS89, GS70, GS81
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: AYN103
Campus offered: GP
Semester offered: 1

► 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 EDP environment and evaluation of computer-assisted audit techniques; computer fraud; sampling techniques; ethics; the audit report.

Courses: BS30
Prerequisites: PG only; AYN417
Credit points: 12
Contact hours: 3 per week
Incompatible with: AYN120
Campus offered: GP
Semester offered: 1

► 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, share capital, and management issues.

Courses: BS89
Prerequisites: PG only; AYN410
Credit points: 12
Contact hours: 3 per week
Incompatible with: AYN120
Campus offered: GP
Semester offered: 2

► AYN413 COMPUTER AUDITING
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 specific IS environments. A focus on the audit of the SAP R/3 system will be provided.

Courses: BS70, BS89
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: AYN109
Campus offered: GP
Semester offered: 2

► AYN414 COST ACCOUNTING
Introduction to management accounting; the role of the management accountant; cost concepts; costing systems; budgeting; extension of basic costing systems for multiple products and spoilage; direct and absorption costing; cost volume profit analysis.

Courses: BS59, GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, IF64
Prerequisites: PG only; AYN416 or GS202
Credit points: 12
Contact hours: 3 per week
Campus offered: GP
Semester offered: 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; cash and cash journals; accounting for receivables and payables; accounting for financial transactions and inventory; non-current assets; partnerships; companies; statement of cash flows; analysis and interpretation of financial statements.

Courses: BS30, BS89, GS70, GS81
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: AYN112
Campus offered: GP
Semester offered: 1

► AYN417 FINANCIAL ACCOUNTING 2
Accounting function within a company; accounting for investments in associates; disclosure in company financial reports; and joint ventures.

Courses: BS30, BS89, GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92
Prerequisites: PG only; AYN416
Credit points: 12
Contact hours: 3 per week
Incompatible with: AYN418
Campus offered: GP
Semester offered: 2

► AYN418 FINANCIAL ACCOUNTING 3
This unit is designed to introduce students to the nature and development of accounting theory, and to the application of theory to practice. The course includes an overview of the nature and history of accounting theory; positive accounting theory and capital markets research; the external reporting framework including the standard setting process and the conceptual framework. An overview of contracting cost theory is provided as a rationale for accounting policy choices. The definition, recognition, measurement and classification of assets, liabilities, equity, revenue and expenses is covered. Specific accounting issues covered include: revaluation of non-current assets; goodwill; research and development; intangible assets; extractive industries; debt defas- sance; off-balance sheet financing; debt v equity; financial instruments; employee entitlements; and leases.

Courses: BS30, BS89, GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92
Prerequisites: PG only; AYN417
Credit points: 12
Contact hours: 3 per week
Incompatible with: AYN114
Campus offered: GP
Semester offered: 1

► 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. This 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
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: AYN426
Campus offered: GP
Semester offered: 2

► AYN426 LEGAL ENVIRONMENT OF BUSINESS
This unit examines a number of important areas of law that directly impact on the business environment. These areas include the law of agency, bailment, restrictive trade practices, consumer protection, insurance, property law principles, and securities.

Courses: BS70, BS94
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: ALN303
Campus offered: GP
Semester offered: 2

► AYN430 MANAGERIAL ACCOUNTING
This unit is an advanced managerial accounting unit. The unit has a number of foci. It investigates at an advanced level some selected issues from undergraduate study, using a theoretical material emphasising a particular framework, viz. the finance-economics view. In addition, a number of foci that have become popular in practice in recent times are studied.

Courses: BS70, BS94
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: FNN110
Campus offered: GP
Semester offered: 1
UNIT SYNOPSIS

► AYN432 PUBLIC SECTOR ACCOUNTING ISSUES
This unit is designed to expose students to a number of contemporary issues in accounting for the public sector. Readings from both the research and professional literature will be used to enhance student's understanding of the context and operation of accounting in the public sector. This unit will examine several conceptual and practical issues, which are relevant to the public sector. Credit points: 12 Contact hours: 3 per week 
Courses: BS70, BS94
Prerequisites: PG only
Credit points: 12 Contact hours: 3 per week 
Campus offered: GP Semester offered: 1

► AYN433 SPECIAL TOPIC IN ACCOUNTING A
In this unit, students research an Accounting topic in consultation with the lecturer. Initially the student investigates at least two areas 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 students develop one of the topics 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 Student Research Paper Series. Subjects may be chosen from a broad variety of topics including accounting theory, financial accounting, taxation, accounting, auditing, financial and business analysis, international accounting, accounting history, business law and taxation.
Courses: BS63, BS70, BS94
Prerequisites: PG only
Credit points: 12 Contact hours: 3 per week 
Incompatible with: AYN302, AYN417
Campus offered: GP Semester offered: 1

► AYN438 TAXATION LAW & PRACTICE
This unit introduces students to the statutory framework and techniques of Australian taxation. Elements in the determination of taxable income and the levy of income tax are examined including general and specific categories of assessable income and deductions, capital gains tax, and administration of the tax system. The taxation of fringe benefits is also examined. The taxation of other entities, and goods and services tax are also examined. This unit examines the basis of commercial law principles as they are applied to the issues of e-commerce and seeks to practically apply innovative legal solutions to cases studied in e-commerce.
Courses: BS70, BS94, GS85, GS86
Prerequisites: PG only, AYN416 or GSNS202 
Credit points: 12 Contact hours: 3 per week 
Incompatible with: AYB221, AYN303, AYN402 
Campus offered: GP Semester offered: 2

► AYN446 THE LAW OF E-COMMERCE
This subject introduces the student to law and legal reasoning as it applies to e-commerce. e-commerce has challenged commerce and intellectual property law to facilitate the regulation of transactions occurring through electronic means. This unit examines the basis of commercial law principles as they are applied to the issues of e-commerce and seeks to practically apply innovative legal solutions to cases studied in e-commerce.
Courses: BS70, BS94, GS85, GS86 
Prerequisites: PG only, AYN416 or GSNS202 
Credit points: 12 Contact hours: 3 per week 
Campus offered: GP Semester offered: 2

► AYN447 ISSUES IN ELECTRONIC COMMERCE
This unit is concerned with investigating and showing students how different organizations are accepting and using various Electronic Commerce (EC) applications. Accordingly, students will visit sites on the Internet to ascertain what EC application the sites are using and why. Students will be exposed to a business cost-benefit decision-making framework. Students will be shown how this framework explains why different organizations might make use of different EC applications.
Courses: BS70, BS94, GS85, GS86
Prerequisites: PG only
Credit points: 12 Contact hours: 3 per week 
Campus offered: GP Semester offered: 2

► AYN448 MANAGEMENT OF ELECTRONIC BUSINESS PROCESSES
This unit is concerned with understanding the information technology and telecommunications functions within a modern organization. The focus is predominantly on the management, political, and business issues and problems underlying the use of high technology in modern organizations. Through much of the discussion and case analysis, the point of view of the senior executive responsible for IT&T in the organisation will be assumed. In this way, students will gain an understanding of the issues and problems uniquely involved in managing IT&T in modern organizations. Such exposure will be useful to students who may eventually find themselves in this role, or students who may find themselves having to deal with IT&T senior executives in firms.
Courses: BS70, BS94, GS85, GS86
Prerequisites: PG only 
Credit points: 12 Contact hours: 3 per week 
Campus offered: GP Semester offered: 2

► AYN449 ENTERPRISE SYSTEMS A
The nature of enterprise resource planning systems (ERP), advanced study of accounting information systems cycles linking concepts to the SAP R/3 FICO general Accounting Modules on functionality, general ledger accounting, subledger accounts - accounts receivable and accounts payable, and the FI Module, integration with other modules.
Courses: BS70, BS94 
Prerequisites: PG only, prior studies in accounting 
Credit points: 12 Contact hours: 3 per week 
Campus offered: GP Semester offered: 1

► AYN450 ENTERPRISE SYSTEMS B
An advanced study of enterprise resource planning systems cycles linking concepts to the SAP R/3 CO - Controlling and SD - Sales & Distribution Modules. Special topics associated with the use of different organisational structures and the potential for human behaviour to impede the achievement of organisational objectives. The theory is then extended into a consideration of how project management and operational technologies have evolved to resolve this prob-
Units:

Management of control systems, performance evaluation and compensation incentives and knowledge management. In regard to macro and micro research, Organisational issues of target pricing, as techniques for adding value to economic value added are evaluated, using the latest techniques as solutions to business information problems.

Courses: BS67, BS80, BS92, BS94
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Semester offered: 1

► AYN057 BUSINESS LAW HONOURS
This unit provides students with an introduction to the components of business law, such as property transactions and enforcement issues that arise with international business and marketing. 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. Applications of Electronic Business to areas such as marketing and advertising are introduced.

Courses: BS56, IF05, IF09, IF27, IF28, IF30, IF37, IF41, IF47, IF48, IF60, IF61, IF62, IF72
Credit points: 12
Contact hours: 3 per week
Semester offered: 1
Incompatible with: MKB140
Campus offered: CA, GP
Semester offered: 1, 2 (CA); 1, 2, 3 (GP)

► BSB112 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 business-to-government. 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. Applications of Electronic Business to areas such as marketing and advertising are introduced.

Courses: BS56, IF28, IF30, IF37, IF41, IF47, IF48, IF57, IF60, IF62, IF72
Prerequisites: BSB112 or equivalent

Credit points: 12
Contact hours: 3 per week
Semester offered: 1
Incompatible with: AYB333
Campus offered: GP
Semester offered: 1

► BSB144 GOVERNMENT, BUSINESS & 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 develop a comparative appreciation of the principles, institutional arrangements and practices of contemporary governments in this context. This will include consideration of law-making and policy processes and the impact of the changing national and international environment.

Courses: BS50, BS56, IF26, IF28, IF30, IF37, IF41, IF47, IF48, IF56, IF61, IF62, IF72
Credit points: 12
Contact hours: 3 per week
Semester offered: 1, 2
Incompatible with: EPB124, MNB181, AD3049
Campus offered: CA, GP
Semester offered: 1, 2

► BSB115 MANAGEMENT, PEOPLE & ORGANISATIONS
Provides an introduction to the theories and practice of managing people 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 addresses the management of people and organisations in an increasingly international environment where the emphasis will be on knowledge, the ability to learn, to change and to manage. Organisations are viewed from individual, group, corporate, and external environmental perspectives.

Courses: BS50, BS56, ED23, ED50, IF26, IF28, IF30, IF37, IF41, IF47, IF48, IF56, IF60, IF62, IF72, IF28, IF20, PU40
Credit points: 12
Contact hours: 3 per week
Semester offered: 1
Incompatible with: MMB112, MNB102, MNB351, MNB412, AD3048
Campus offered: CA, GP
Semester offered: 1, 2

► BSB116 MARKETING & INTERNATIONAL BUSINESS
Examines and introduces the role and importance of international business and marketing to the contemporary organisation. Emphasis will be given to understanding issues relevant to the international business environment such as the world trade and financial systems, policy inter- actions, globalisation, consumer needs, transitional economies, culture, and the opportunities, constraints and problems that these issues present for the design of marketing strategies in the international environment.

Courses: BS56, ED23, ED50, IF05, IF09, IF27, IF37, IF41, IF47, IF48, IF60, IF61, IF62, IF72
Credit points: 12
Contact hours: 3 per week
Semester offered: 1
Incompatible with: MKB140
Campus offered: CA, GP
Semester offered: 1

► BSB117 PROFESSIONAL COMMUNICATION & NEGOTIATION
Introduces students to the principles and applications of communication within the professional context. This unit covers academic and workplace writing, oral presentations, negotiation, and current technology for writing and presentation.

Courses: BS56, ED50, IF09, IF27, IF28, IF30, IF37, IF41, IF47, IF48, IF60, IF61, IF62, IF72
Credit points: 12
Contact hours: 3 per week
Semester offered: 1
Incompatible with: COB160, COB106, COB205
Campus offered: CA, GP
Semester offered: 1, 2 (CA); 1, 2, 3 (GP)

UNIT SYPOSSES
UNIT SYNOPSIS

► BSB311 RESEARCH, DEVELOPMENT & COMMERCIALISATION

Students will study strategies and approaches used in industry and government organisations for the development, commercialisation and exploitation of biotechnology innovations. The unit offers the opportunity to read widely as well as in depth the commercialisation of molecular biology and biotechnology research and theoretical concepts are integrated with prepared case studies prior to guest speaker seminars.

Campus offered: Credit points: 12

Courses: Prerequisites: BSB310

Credit points: 12 Contact hours: 3 per week

Campus offered: GP Semester offered: 2

► BSB312 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 innovations and managing for change. The unit moves beyond a focus on ‘dot.com’ companies to examine how a range of organisations - small and large - are engaging with issues associated with e-business.

Courses: BS56, IF26, IF28, IF30, IF37, IF41, IF47, IF48, IF57, IF60, IF62, IF72

Prerequisites: BSB122 or AYB133

Credit points: 12 Contact hours: 3 per week

Incompatible with: MGB334

Campus offered: GP Semester offered: 1

► BSB313 BUSINESS STRATEGY & ORGANISATIONS

This unit introduces the conceptual tools needed to make strategic decisions, and for understanding complex system changes in the E-Business era. Critical assessment is made of the impact of new information technologies on business strategy, management and practice. The structural, cognitive and environmental dimensions of business, the erosion of community and unemployment are discussed, and implications for business are examined. The impact on business strategy, virtual networks, consumption, marketing and advertising are discussed.

Courses: BS56, IF26, IF28, IF30, IF37, IF41, IF47, IF48, IF57, IF60, IF62, IF72

Prerequisites: BSB122 or AYB133

Credit points: 12 Contact hours: 3 per week

Campus offered: GP Semester offered: 2

► BSB110 ACCOUNTING

A study of the basic accounting process - both financial and managerial - and an introduction to the interpretation of accounting information. The unit introduces 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

Credit points: 12 Contact hours: 4 per week

Incompatible with: BSB110

Campus offered: KG Semester offered: 1, 2, 3

► BSB112 INTRODUCTION TO ELECTRONIC COMMERCE

Provides students with an introduction to electronic commerce and business systems. Provides students with a practical understanding of computer systems technologies underlying electronic business systems used both nationally and internationally. Emphasis is on how to find and retrieve information provided in electronic business systems. Understand the impact of electronic business in terms of security, privacy, and legal issues. Obtain practical experience in using and applying common business software functions such as word-processing, graphics, spreadsheet, and database to business information problems.

Courses: BS40, IF06

Credit points: 12 Contact hours: 4 per week

Incompatible with: BSB112

Campus offered: KG Semester offered: 1, 2, 3

► BSB113 ECONOMICS

Introduces students to the key economic concepts in an intuitive and applied fashion. It considers the modules each focusing on different economic issues. These issues relate to the economics of the environment, the standard of living, inflation and unemployment, money and banking, international trade, the business cycle and stabilization policy.

Courses: BS40, IF06

Credit points: 12 Contact hours: 4 per week

Incompatible with: BSB113

Campus offered: KG Semester offered: 1, 2, 3

► BSB114 GOVERNMENT, BUSINESS & SOCIETY

Provides a basic grounding in the principles, institutions and functions of government, and their interactions with business and society. This unit focuses is on the key features of Australia’s constitutional and governmental framework including the judicial and administrative processes, especially as they affect business. Students also develop a comparative appreciation of the principles, institutional arrangements and practices of contemporary government in a global context. This unit will include law making, policy processes, the impact of a changing national and international environment, and relationships between government and society.

Courses: BS40, IF06

Credit points: 12 Contact hours: 4 per week

Incompatible with: BSB114

Campus offered: KG Semester offered: 1, 2, 3

► BSB115 MANAGEMENT, PEOPLE & ORGANISATION

Provides an introduction to the theories and practice of management and organisations. Emphasis is on the conceptual and people skills that will be needed in management accounting and management practice in all areas of organisational life. The unit acknowledges that organisations exist in an increasingly international environment where emphasis will be on information, the ability to learn, change and to innovate. Organisations and management are viewed at the individual, group, corporate, and external environmental perspectives.

Courses: BS40, IF06

Credit points: 12 Contact hours: 4 per week

Incompatible with: BSB115

Campus offered: KG Semester offered: 1, 2, 3

► BSB117 PROFESSIONAL COMMUNICATION & NEGOTIATION

Introduces students to the principles and applications of communication within the professional context. This unit covers academic and workplace writing, oral presentations, negotiation, and current technology for writing and presentation.

Courses: IF06

Credit points: 12 Contact hours: 4 per week

Incompatible with: BSB117

Campus offered: KG Semester offered: 1, 2, 3

► BSB126 MARKETING

This introductory unit discusses the role and importance of international business and marketing to the contemporary organisation. Emphasis will be given to understanding the international business environment such as the world trade and financial systems, policy interventions, globalisation processes, transitional economies, culture, and the opportunities, constraints and problems that these issues present for the design of marketing strategies in the international business environment.

Courses: BS40, IF06

Credit points: 12 Contact hours: 4 per week

Incompatible with: BSB116

Campus offered: KG Semester offered: 1, 2, 3

► BSN404 PROJECT 1

This introductory unit allows the student to undertake a research project, subject to the approval of the Course Coordinator.

Courses: BSN404, BSN91, BSN94, BSN98

Prerequisites: PG only Credit points: 12 Incompatible with: MKN101, MKN102, MKN103, MKN104

Campus offered: GP Semester offered: 1, 2, 3

► BSN405 PROJECT 2

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 a major piece of applied research. The research project provides the opportunity to apply and re-"
the development of a thesis or dissertation proposal. Areas of study include: research methodology; microbiology; engineering; and social science.

Courses: BSN63, BSN92
Prerequisites: PG only
Credit points: 12
Contact hours: Flexible Mode
Campus offered: GP
Semester offered: 1

► BSN503 RESEARCH SEMINAR

The aim of this unit is to prepare for 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 advancing 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: BSN63, BSN92
Prerequisites: PG only
Credit points: 12
Contact hours: Flexible Mode
Campus offered: GP
Semester offered: 1

► BSN506 ECONOMETRIC METHODS

This unit provides a comprehensive grounding in the econometric methods necessary for conducting research projects. The unit focuses on understanding recent contributions to the econometric literature.

Courses: BSN63, BSN92, BSN94, BSN95, IF92
Credit points: 12
Contact hours: 3 per week
Incompatible with: BSN500
Campus offered: GP
Semester offered: 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 within 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 continues with a focus 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, i.e., design, technique and analysis. Finally the unit closes with coverage of some ethical and political issues in social research.

Courses: BSN63, BSN70, BSN92, BSN94, BSN95, IF92
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: AYN102, BSN300
Campus offered: GP
Semester offered: 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 approximately 50,000 words.

Courses: BSN92
Prerequisites: PG only
Credit points: 12
Campus offered: GP
Semester offered: 1, 2, 3

► CEB109 ENGINEERING MECHANICS 1

Introduction to statics, forces, moments and couples; resolution and resultant of forces acting on a particle or rigid body under forces and/or moment; analytical methods for plane truss analysis; shear force in a beam; moment in a beam; the properties of sections. Dynamics (for electrical engineering students).

Courses: CEB208, CEB42, EE43, EE44, EE45, IF42, ME35, ME45, ME46, ME47
Credit points: 12
Contact hours: 5 per week

► CEB110 ENGINEERING MECHANICS 2

Principles of structural mechanics, stress, strain and plasticity; a general introduction to the design of structures and structural materials; computer analysis of statically determinate structures and stability of structures; column dynamic analysis; rigid constructions; earthquake engineering; design criteria for reinforced concrete, steel, and masonry construction.

Courses: CEB31, CEB42, IF42
Credit points: 12
Contact hours: 5 per week

► CEB111 RESEARCH PROCEDURES, DESIGN AND ANALYSIS

A basic study of experimental procedures and methods in civil engineering including statistical analysis and interpretation of results with linear correlation and graph plotting.

Courses: CEB31
Credit points: 12
Contact hours: 5 per week

► CEB207 PROFESSIONAL STUDIES 2

The delivery of the unit will be centred on an initial problem statement. Students will develop and define the problem statement and be encouraged to develop their own creative solutions through the semester. This will introduce students to many aspects of project work and prepare them for their professional lives. The development of student projects will be facilitated by the interaction of technical material including: Architectural and project issues: including aesthetics, fitness for purpose, constructability; Geotechnical: site investigation, earthworks & compaction, and soils classification; Structural: structural design, origin of loads, load paths, factor of safety, time dependent loads, structural capacity and stability; rules of thumb will be used for sizing detailing; Strength of materials: basic characteristics of structural timber, material selection; Surveying: basic surveying principles will occupy 12 hours of class time.

Courses: CEB44
Prerequisites: CEB110, BNB007
Credit points: 12
Contact hours: 5 per week
Campus offered: GP
Semester offered: 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 change and 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 programs that are generated by quality control assurance. They will obtain an awareness of the effect of the working environment on different materials and how metals may be protected from corrosion. They will understand 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, and be introduced to the design and construction of reinforced concrete and bending at the limit state.

Courses: CEB44, CEB31, IF50
Credit points: 12
Contact hours: 4 per week
Campus offered: GP
Semester offered: 1

► CEB209 GEOTECHNICAL ENGINEERING 1

Brief overview of foundation engineering and assessment of Gardens Point geology, and engineering geology. Determination of soil geostatic vertical pressures, pore water pressures and effective stresses; the theory and failure mechanisms of soil and seepage in soil, with erosion and piping analysis. Soil shear strength assessment and application to retaining wall foundations, retaining wall design, slope stability analysis and stabilisation. Computer simulation and analysis programs used where appropriate.

Courses: CEB35, CEB44, IF50
Prerequisites: CEB110
Corequisites: CEB207
Credit points: 12
Contact hours: 4 per week

► CEB213 ENVIRONMENTAL SCIENCE

This unit is designed to provide students with the knowledge and skills necessary to address the physical and environmental systems normally function and the challenges imposed on the environment as a result of human activity. Understanding is developed through the study of relevant principles of physical geography, 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: CEB44, CEB43, IF42
Credit points: 12
Semester offered: 1

► CEB214 PROFESSIONAL STUDIES 3

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, i.e., design, technique and analysis. Finally the unit closes with coverage of some ethical and political issues in social research.

Courses: CEB44, CEB43, IF42
Credit points: 12
Contact hours: 5 per week

► CEB215 STRUCTURAL ENGINEERING

Most structures found in practice are statically indeterminate and they need to be analysed in order to design them. The unit introduces a simple hand calculation method, will be developed and applied for analysing statically indeterminate structures such as continuous beams and simple frames. Effects of moving loads on structures such as bridges and railway trackbeds are important in their design. The main topics to be covered in this unit include: the study of influence line diagrams will be directed towards this end and this will be extended and applied to establish ‘pattern loads’ in statically indeterminate structures. Reinforced concrete is a common and popular material used in construction. This unit deals with the 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 will be treated.

Courses: CEB44, CEB43, IF42
Prerequisites: CEB208, CEB110
Credit points: 12
Semester offered: 2

► CEB216 PROJECT ENGINEERING 1

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, i.e., design, technique and analysis. Finally the unit closes with coverage of some ethical and political issues in social research.

Courses: CEB33, CEB44, IF50
Prerequisites: CEB208 and CEB209
Credit points: 12
Contact hours: 4 per week
Campus offered: GP
Semester offered: 2

► CEB217 HYDRAULIC ENGINEERING 1

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, i.e., design, technique and analysis. Finally the unit closes with coverage of some ethical and political issues in social research.

Courses: CEB33, CEB44, IF50
Prerequisites: CEB109, MAI131, MAI132
Credit points: 12
Contact hours: 4 per week
Campus offered: GP
Semester offered: 2

► CEB330 MATERIALS ENGINEERING AND THE ENVIRONMENT

An understanding of the engineering materials utilized in the Civil Engineering construction process is required before engineers can provide appropri-
ate solutions. This unit will provide the information about engineering materials required before they are applied in the design context. An engineer must have the ability to analyse and design engineering components and systems. This requires not only knowledge of the concepts and principles involved but also the ability to apply them in real life. Engineers cannot do so unless they have an understanding of the basic principles, the physical, mechanical, and of the interaction of the components of a structure, machine, or unit. An emphasis on environmental implication will be assessed as a part of the requirements.

Courses: CE46, CE44, CE45
Prerequisites: MMB131
Credit points: 12

► CE232 GEOTECHNICAL ENGINEERING 1 AND THE ENVIRONMENT
Geomechanics (soil mechanics & 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 the full range of activities such as site investigation and design for building, bridge and other foundations; materials selection, design and construction control for dams, roads, pavements and embankments; landslide stabilisation and tunnel excavation and support. The course will emphasise environmental issues such as the effects on geotechnical designs, landfill leachate control and how they impact on the design of landfills.

Courses: CE44, CE45
Prerequisites: CE210
Corequisites: CE207
Credit points: 12

► CE233 ENVIRONMENTAL PROFESSIONAL STUDIES 3 (IMPACTS OF PROJECTS AND SUSTAINABLE DEVELOPMENT)
The knowledge and skills associated with assessing impacts of 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 with and communicate with interdisciplinary teams designing solutions to environmental problems associated with development.

Courses: CE46, CE44, CE45
Prerequisites: CE207, CE213
Credit points: 12

► CE237 PROFESSIONAL STUDIES 4
Civil and environmental engineers are largely responsible for managing the feasible, design, construction, and delivery of major transport infrastructure projects. This unit of the Professional Studies Strand develops students’ professional capabilities through the preparation of a study for a major transport infrastructure project in a project team environment. The unit includes geometric road design and related surveying principles and techniques.

Prerequisites: CE214, CE216, CE217
Credit points: 12

► CE238 STRUCTURAL ENGINEERING 2
Limit states design of steel structures, Buckling and local buckling of structural elements, An overview of Steel structures, Tension members, Compression members, Local and global buckling (flexural and flexural-torsional modes), Analysis of beams of composite members and beams, Effective lengths of compression members and beams, Design of Beams, Effect of lateral restraints on beams, Behaviour of beams on web crippling and buckling, Beam-columns. Bolted and welded connections. Unsymmetric bending of beams, moment-curvature second moment of area, Shear stresses in beams of thin-walled open cross-sections and their shear centres. Most cold-formed steel sections are unsymmetrical and hence the latter topics are useful in steel design.

Courses: CE46, IF50
Credit points: 12

► CE319 WATER ENGINEERING
The analysis and design of steel and concrete structures is central to much of Civil Engineering. This unit will build on material covered in the structural engineering aspects and apply these principles to typical whole-of-building design projects on steel and concrete structures. Students will develop additional technical skills in structural design, and enhance their understanding of the context in which structural design occurs. This unit of the Professional Studies Strand is aimed at developing professional capabilities, with emphasis on professional responsibility, independent learning, and commercial skills.

Courses: CE44, CE45, IF42
Prerequisites: CE317, CE215, CE318
Credit points: 12

► CE321 WATER AND WASTEWATER TREATMENT
The provision of safe, wholesome and adequate supply of water and the proper treatment, disposal, and re-use of wastewater are essential for protecting human health and well-being. Water and wastewater treatment is required for the control of water-borne diseases and the provision of proper sanitation for urban, rural, and recreational areas. Water and wastewater treatment 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, CE43, IF42
Prerequisites: CE213, CE217
Credit points: 12

► CE322 GEOTECHNICAL ENGINEERING 2
Further study on the behaviour of soil and rocks. Determination of sub-surface pressures from surface loading. 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 properties, shear strength applied to slope stability assessment and stabilisation measures.

Courses: CE46, IF50
Prerequisites: CE209
Credit points: 12

► CE323 TRANSPORT ENGINEERING 1
The transport system is an essential part of our physical infrastructure and imperative that civil engineers are able to understand typical road and traffic engineering investigations, analysis and design. This unit provides an understanding of the intent of individual road system elements, how they operate, and how they are delivered and managed. The unit is designed to be developed in this unit. Further, it is important that all engineers are able to undertake accurately, broad multi-model transport surveys to gain an understanding of the utilisation of a major road transport system, which will also be developed.

Courses: CE44, CE43, IF60
Credit points: 12

► CE326 CIVIL DESIGN SOFTWARE
Students will be given instruction in the use of CAD software involved in the design set out of road works and related drainage packages. At this stage, emphasis will be on the use of CAD and related packages.

Courses: CE42, CE43, IF42
Credit points: 12

► CE327 MUNICIPAL DESIGN PROJECT
Students will be exposed to the broader design aspects of larger engineering projects as under taken by Local government, State government and private sector. An integrated approach will be studied including plans, design, construction and future developments.

Courses: CE42, CE43, IF42
Credit points: 12

► CE328 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: CE33
Credit points: 12

Campus offered: Glen
credit points: 2

► CE329 ENVIRONMENTAL MANAGEMENT FOR ENGINEERS
Environmental Management involves the development and use of environmental standards, legislation and codes of practice to manage the use and protection of natural resources. Environmental policy aims for the sustainability and must be based on scientific knowledge about the environment. It has to be linked with social, economic, political and engineering fields. 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 i.e. decision making in order to direct and manage environmental management aspects of a project. This learning is an ongoing process. This unit aims to help develop, but by no means complete, this process within the space of one semester.

Courses: CE46, CE44, CE45
Prerequisites: CE214, CE216, CE217
Credit points: 12

► CE409 PROFESSIONAL STUDIES 6 (CIVIL PROJECTS DESIGN)
Major developments require input from a range of professions including engineers, consultants, surveyors, and contractors. This unit will develop the student’s understanding of the role of the civil engineer within a development project, including the activities undertaken within project management, and an understanding of the expectations and competencies of the role. A major development project will be used as a basis for developing the student’s design skills with the sub-disciplines of civil works, environmental, transport, hydraulic and public health engineering. As part of the Professional Studies Strand, this unit will develop students’ professional capabilities through working in a team to produce engineering designs that integrate within the overall project according to a schedule.

Courses: CE44, CE43, IF42
Prerequisites: CE320, CE323, CE319
Credit points: 12

Campus offered: Glen
Credit points: 2

► CE326 CIVIL DESIGN SOFTWARE
This 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 and critical analysis of the study in information retrieval and appropriate citation procedures. Report writing and seminar presentation is a major component. Guidance instruction and exercises will be given on information retrieval and bibliographic listing and citation.

Prerequisites: Unit can only be taken by final year students
Credit points: 12

Semester offered: 2
UNIT  SYNOPSIS

► CEB412 PROJECT ENGINEERING 2
Engineers require a balanced experience of design and professional practice. This course complements the previous units and to provide the student an insight into the requirements, precepts and problems of managing, preparing and submitting a detailed design proposal for various professional practice largely through the Professional Studies backbone of the course. The subject is designed to provide an insight into the requirements, precepts and problems of managing, preparing and submitting a detailed design proposal for major projects. It is a powerful computer based procedure which is undergoing continuous development and improvement. 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. To use a finite element program engineers need to understand the basic theory and some of the important features of stress, such as engineering actions, modelling, choice of elements, boundary conditions, input data and interpretation of results. This unit aims in providing the necessary theory and modelling skills in order to use the finite element method effectively and to apply the method in structural, geo-technical and water engineering.
Courses: CEB44, CE43, IF42
Prerequisites: CEB413
Credit points: 12 Semester offered: 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. It is a powerful computer based procedure which is undergoing continuous development and improvement. 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. To use a finite element program engineers need to understand the basic theory and some of the important features of stress, such as engineering actions, modelling, choice of elements, boundary conditions, input data and interpretation of results. This unit aims in providing the necessary theory and modelling skills in order to use the finite element method effectively and to apply the method in structural, geotechnical and water engineering.
Courses: CEB44, CE43, IF42
Prerequisites: CEB413
Credit points: 12 Semester offered: 1

► CEB515 PROFESSIONAL PRACTICE IN ASIA AND PACIFIC
This unit is aimed at providing the students with an introduction to the Asia Pacific region with particular attention to the intercultural skills and understandings required for professional practice. It is not intended to give detailed regulations or codes about specific professions in the region, rather, this unit aims to provide a general understanding of the culture and social environment for professional practice largely through guest speakers who are selected because they have a significant and enduring professional connection with Asia and the Pacific.
Courses: CEB44, CE43, IF42
Prerequisites: CEB319
Credit points: 12 Semester offered: 2

► CEB516 MASONRY DESIGN
A structural engineer must have the ability to design masonry and reinforced masonry structures and systems that use masonry as load bearing and infill non-structural panels. This course develops a basic understanding of Masonry Structures and Design using the Australian Standard 3700. This unit will provide an understanding of the differences in the material properties of masonry, including the use of calcium silicate bricks and blocks. This unit also provides an understanding of workmanship, site practices and construction details of masonry. Students will develop the ability to design 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  
**CEB517 ADVANCED ENGINEERING STUDIES**  
This subject provides 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 develop a series of design teams and 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  
**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 for the use of geotechnical principles. This work will build on the fundamental principles of fluid behaviour covered in Hydraulic Engineering CEB217 and Water Engineering CEB422, 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, CE43, IF42  
**Prerequisites:** CEB319  
**Credit points:** 12  
**CEB522 GEOTECHNICAL ENGINEERING PRACTICE**  
Geomechanics (soil mechanics & rock mechanics) and their application to geotechnical engineering are an important and an extensive study for civil engineers. It is concerned with the use of soil and 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. Following on from the work done in Geotechnical Engineering 1 and Geotechnical Engineering 2, this elective unit strengthens understanding of geomechanics, and develops geotechnical investigation, design and construction skills, by tackling a range of geotechnical engineering consultancy assignments.

**Courses:** CE44, CE43, IF42  
**Prerequisites:** CEB322  
**Credit points:** 12  
**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 a common component of these teams. It also prepares them for further postgraduate study in these specialist areas.

**Courses:** CE44, CE43, IF42  
**Prerequisites:** CEB209, CEB213  
**Credit points:** 12  
**CEB543 ENVIRONMENTAL GEOTECHNOLOGY**  
This subject introduces the student to the investigation and analysis of groundwater flow through porous media, including numerical modelling and contaminant transport.

**Courses:** CE31, CE42, CE43, IF42  
**Credit points:** CEB240, CEB241  
**Credit points:** 12  
**CEB564 ENGINEERING SCIENCE 4**  
Includes road pavement and building material appraisal methods; retaining walls, earthworks and reclamation design/testing procedures; further design guidelines for water supply and sewer recirculation; specifications and estimating procedures; other services for urban development projects; estimating costs, and preparing original designs and modifications to roads, water supply, sewage and other services.

**Courses:** PS47, PS48  
**Corequisites:** CEB464  
**Credit points:** 12 per contact hours: 3 per week  
**CEP 143 BIOLOGICAL TREATMENT PROCESSES**  
The design and operation of water and wastewater treatment systems, focusing on conventional and advanced biological treatment processes. Current practice and development.

**Credit points:** 12  
**Campus offered:** GP  
**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 road intersections, analysis of urban networks, and freeways.

**Courses:** CE62 CE64 CE74  
**Credit points:** 12  
**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 materials to human health and the environment and optimisation of resource management.

**Courses:** Graduate Diploma in Civil Engineering, Masters of Engineering Science (Civil)  
**Credit points:** 12  
**Campus offered:** GP  
**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 materials to human health and the environment and optimisation of resource management.

**Credit points:** 12  
**Campus offered:** GP  
**CEP143 BIOLOGICAL TREATMENT PROCESSES**  
The design and operation of water and wastewater treatment systems, focusing on conventional and advanced biological treatment processes. Current practice and development.

**Courses:** CE64, CE62, CE64  
**Credit points:** 12  
**CEP151 ROAD SAFETY AUDIT**  
Road safety auditing is a specialised skill that is developed from an understanding of the principles involved and practical examples. This subject 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.

**Credit points:** 12  
**Campus offered:** GP  
**CEP175 PAVEMENT MAINTENANCE REHABILITATION AND RECYCLING**  
The unit describes how pavements are designed to exhibit both structural and non-structural distress. The modes of distress, including disintegration, distortion, cracking and fracture are described together with the factors relating to the safety and damage caused by operational factors. A range of evaluation techniques are presented together with the condition of pavement with respect to serviceability, structural capacity and safety. Restoration techniques using granular materials, full depth asphalt and concrete and structural overlays are discussed along with the role and use of absorbing layers.

The unit concludes with the economic evaluation of alternative maintenance strategies using well established life costing techniques.

**Courses:** CE74, CE64, CE72  
**Credit points:** 12  
**CEP201 PROCESS MODELLING**  
Role of models in engineering design and investigation. Principles of modelling techniques and their uses, limitations and relevant applications.

**Courses:** CE63, CE74  
**Credit points:** 12  
**Contact hours:** 3 per week  
**CEP216 ADVANCED TRAFFIC ENGINEERING**  
Traffic flow theory and traffic management. Analytical and computer analysis routines for urban intersection design, their background and applications.

**Courses:** CE63, CE74  
**Credit points:** 12  
**Contact hours:** 3 per week  
**CEP218 TRANSPORTATION ENGINEERING**  
Techniques for the appraisal of rural and urban area road systems, bus operations, airport design, construction and maintenance.

**Courses:** CE63, CE74  
**Credit points:** 12  
**Contact hours:** 3 per week  
**CEP291 ENVIRONMENTAL LAW & ASSESSMENT**  

**Courses:** CE63, CE74  
**Credit points:** 12  
**Contact hours:** 3 per week  
**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:** Graduate Diploma of Civil Engineering, Masters of Engineering Science (Civil)  
**Credit points:** 12  
**Campus offered:** GP  
**CEP293 PAVEMENT DESIGN**  
The unit includes investigatory and design procedures as outlined in the AUSTROADS Pavement Design Manual. A section on materials discusses specification requirements and the test procedures used by designers to ensure 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 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:** CE74, CE64, CE62  
**Credit points:** 12  
**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, control 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 background in current engineering approaches to contract management methods.

**Courses:** Graduate Diploma of Engineering, Masters of Engineering Science (Civil)  
**Credit points:** 12  
**Campus offered:** GP
UNIT SYNOPSIS

► CEPS25 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 also that the engineer be well versed in the background and current engineering approaches and management methods. The course will provide an insight into the requirements and problems of engineering management of interdisciplinary projects.

Courses: CE74
Credit points: 12
► CEPS97 PROJECT

The student is required to investigate in depth an approved topic. The results are presented in a major formal report.

Courses: CE74
Credit points: 24
Contact hours: 5 per week
► 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
Credit points: 12
Contact hours: 3 per week
Incompatible with: COB117
Campus offered: KG
Semester offered: 1
► CLB002 TEXT FORMATTING

The use of technology for document preparation, analysis of written materials, and producing professional documents. 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
Credit points: 12
Contact hours: 3 per week
► CLB305 EDUCATION IN CONTEXT

This unit investigates and analyses the contemporary contexts of education and schooling. Special attention is given to the post-modern and culturally diverse nature of such contexts and to the implications of this for professional educators. Topics such as individualism, youth, globalisation, the new work order, marketing, ethnic diversity, social class, sexualities, Indigenous Australian cultures and rural communities are all explored through an historical and critical approach.

Courses: ED43, ED50, ED51, ED52, ED55, ED56, ED57, IF70-79, IF81, IF82, IF83, IF84
Credit points: 12
Contact hours: 3 per week
► 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; and reflection by students is encouraged, allowing them to engage with others as co-theorists in pedagogical work.

Courses: ED29, ED52, ED53, ED55, ED56, ED57, IF70-79, IF81-84
Credit points: 12
Contact hours: 3 per week
► CLB308 INDIGENOUS CULTURE & IDENTITY IN THE AUSTRALIAN ARTS

Issues and questions arising from Australian Indigenous cultural contexts and identity; theoretical ways of understanding cultural identity formations and their social impact; critical analysis of the key issues in reconciliation; processes of cultural understanding, research, critique and communication methods provided from the Aboriginal and Torres Strait Islander perspectives.

Courses: ED50, ED51
Credit points: 12
Contact hours: 3 per week
► CLB320 STUDIES IN LANGUAGE

The language basis in current approaches to the teaching of English; the 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: ED56
Credit points: 12
Contact hours: 3 per week
► CLB321 WRITING WORKSHOP

The student, as writer, uses all the language modes in social contexts (either genuine or simulated) to lead to work arising from Australian Indigenous cultural contexts and identity; theoretical ways of understanding cultural identity formations and their social impact; critical analysis of the key issues in reconciliation; processes of cultural understanding, research, critique and communication methods provided from the Aboriginal and Torres Strait Islander perspectives.

Courses: ED50, ED51
Credit points: 12
Contact hours: 3 per week
► CLB322 LITERATURE IN TEACHING

Literature teaching in historical perspective; recent developments; general principles; teaching drama in the senior school; teaching the novel in the senior school; teaching poetry in the senior school; shorter works (novellas, short stories) and their use in the English curriculum.

Courses: ED50
Credit points: 12
Contact hours: 3 per week
► CLB323 TEACHING ADOLESCENT LITERATURE

The scope and nature of young adult literature; strategies for evaluation and selection; recent research into adolescent reading needs, interests and responses; using young adult books in the curriculum.

Courses: ED50
Credit points: 12
Contact hours: 3 per week
► 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: ED19, ED50, ED54, ED55, IF70, IF75-79
Prerequisites: Normally the completion of 48 credit points in each relevant discipline area
Credit points: 12
Contact hours: 3 per week
► CLB326 ENGLISH CURRICULUM STUDIES 2

Curriculum development within the context of contemporary policies, frameworks, and agencies; general principles of measurement, assessment, and evaluation; planning and teaching strategies; and issues and directions in curriculum development.

Courses: ED19, ED50, ED54, ED55, IF70, IF75-79
Prerequisites: Normally the completion of 48 credit points in each relevant discipline area
Credit points: 12
Contact hours: 3 per week
► CLB327 FILM & 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: ED19, ED50, ED54, ED55, IF70, IF75-79
Prerequisites: Normally the completion of 48 credit points in each relevant discipline area
Credit points: 12
Contact hours: 3 per week
► CLB328 FILM & MEDIA CURRICULUM STUDIES 2

Curriculum development within the context of contemporary policies, frameworks, and agencies; general principles of measurement, assessment, and evaluation; planning and teaching strategies; and issues and directions in curriculum development.

Courses: ED19, ED50, ED54, ED55, IF70, IF75-79
Prerequisites: Normally the completion of 48 credit points in each relevant discipline area
Credit points: 12
Contact hours: 3 per week
► 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: ED19, ED50, ED54, ED55, IF70, IF75-79
Prerequisites: Normally the completion of 48 credit points in each relevant discipline area
Credit points: 12
Contact hours: 3 per week
► CLB330 LOTE CURRICULUM STUDIES 2

Curriculum development within the context of contemporary policies, frameworks, and agencies; general principles of measurement, assessment, and evaluation; planning and teaching strategies; and issues and directions in curriculum development.

Courses: ED19, ED50, ED54, ED55, IF70, IF75-79
Prerequisites: CLB329
Credit points: 12
Contact hours: 3 per week
► CLB334 PRIMARY LOTE CURRICULUM STUDIES

This unit introduces concepts and skills in LOTE curriculum area and methodology and prepares appropriately qualified students to teach French, German, Indonesian or Japanese in the upper primary school.

Courses: ED50, ED51, ED56, IF82, IF84
Prerequisites: Six language units or equivalent
Credit points: 12
Contact hours: 3 per week

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Incompatible with: CLB449, CLB450

► CLB339 ADULT LITERACY & SECOND LANGUAGE STUDIES
Explore the special literacy needs of second language learners and investigates teaching approaches which recognize 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 proficiency and literacy; issues in cross-cultural communication; the literacy impact for non-English speaking background learners of current policy initiatives and social practices needed for analysis in second language literacy course design.
Courses: ED53, ED54 Credit points: 12 Contact hours: 3 per week

► CLB341 LANGUAGE, TECHNOLOGY & EDUCATION
Foundation unit concerned with language, literacies and technology in educational and world-wide contexts. Contemporary views of language and technological literacies as social activities are explored. Educational implications of the interconnections between technology, language discourse and power are applied to educational setting. The uses of language discourse and power are applied to educational setting. The use of language and technology in instruction is introduced. The unit is offered by the Schools of Curriculum & Foundation Studies in Education, Mathematics, Science & Technology Education.
Courses: ED50, ED55, IF70-79 Credit points: 12 Contact hours: 3 per week

► CLB344 LANGUAGE & LITERACY FOUNDATIONS
Introduces students to the nature and development of language and literacy in the contexts of the community, the university and the school. Topics will include: the nature and function of language; theories of language and literacy acquisition; the nature of oral and written literacies; the registers of school language; the nature and scope of text types used in the classroom, the university and the community; the social and personal implications of the development and attainment of literacy proficiency, including academic literacy.
Courses: ED43, ED51, ED52 Credit points: 12 Contact hours: 3 per week

► CLB346 CASE STUDIES IN ADULT & FAMILY LITERACY
Prerequisites: the completion of CLB342 and literacy of adults who have less than adequate literacy knowledge and abilities; assisting literacy development of family members; development and use of practical and cross-cultural teaching resources and strategies; development, maintenance and reporting of case histories in adult and family literacy.
Courses: ED43, ED50, ED51, ED52, ED54, ED55, IF70-79 Credit points: 12 Contact hours: 3 per week

► CLB347 TEACHING STUDENTS FROM NON-ENGLISH SPEAKING BACKGROUNDS
This elective unit for students in all teaching specializations 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 curriculum development. Participants will also investigate language demands of their own area of specialization and develop appropriate teaching techniques and resources.
Courses: ED45, ED50, ED51, ED52, ED54, ED55, IF70-79 Credit points: 12 Contact hours: 3 per week

► CLB348 LANGUAGE AND LITERACY CURRICULUM
This unit is the first of two curriculum units in language and literacy education for Primary BEd students. The unit is organised into two modules. The first concerns both print and digital literacy, and specifically planning for the teaching of reading, spelling and writing in the early years, and the links between oral language and literacy. The second module engages with a genre and functional grammar approach to reading and writing.
Courses: ED51 Credit points: 12 Contact hours: 3 per week

► 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 for particular purposes and audiences, and on critique. The second module explores ESL teaching and learning within the context of a multicultural society.
Courses: ED51 Credit points: 12 Contact hours: 3 per week

► 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 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 Credit points: 12 Contact hours: 3 per week

► 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 upon 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 Credit points: 12 Contact hours: 3 per week

► CLB353 ACCOUNTING/BUSINESS MANAGEMENT CURRICULUM
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: ED19, ED50, ED54, ED55, IF79 Credit points: 12 Contact hours: 3 per week

► 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: ED19, ED50, ED54, ED55, IF79 Credit points: 12 Contact hours: 3 per week

► 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: ED19, ED50, ED54, ED55, IF70, IF75, IF76, IF77, IF78, IF79 Credit points: 12 Contact hours: 3 per week

► CLB357 BUSINESS COMMUNICATIONS & TECHNOLOGIES CURRICULUM STUDIES
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: ED19, ED50, ED54, ED55, IF79 Credit points: Normally the completion of 48 credit points in each relevant discipline area

► CLB358 BUSINESS COMMUNICATIONS & TECHNOLOGIES CURRICULUM STUDIES
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: ED19, ED50, ED54, ED55, IF70, IF75, IF76, IF77, IF78, IF79 Credit points: Normally the completion of 48 credit points in each relevant discipline area

► CLB359 ECONOMICS CURRICULUM STUDIES
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: ED19, ED50, ED54, ED55, IF79 Credit points: Normally the completion of 48 credit points in each relevant discipline area

► 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: ED19, ED50, ED54, ED55, IF79 Credit points: Normally the completion of 48 credit points in each relevant discipline area

► 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: ED19, ED50, ED54, ED55, IF70, IF75, IF76, IF77, IF78, IF79 Credit points: Normally the completion of 48 credit points in each relevant discipline area
UNIT SYNOPSIS

Prerequisites: CLB361
Credit points: 12 Contact hours: 3 per week

CRITICAL 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: ED19, ED50, ED54, ED55, IF70, IF76-79
Prerequisites: Normally the completion of 48 credit points in each relevant discipline area
Credit points: 12 Contact hours: 3 per week

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: ED19, ED50, ED54, ED55, IF70, IF76, IF77, IF78, IF79
Prerequisites: CLB363
Credit points: 12 Contact hours: 3 per week

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: ED19, ED50, ED54, ED55, IF79
Prerequisites: Normally the completion of 48 credit points in each relevant discipline area
Credit points: 12 Contact hours: 3 per week

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: ED19, ED50, ED54, ED55, IF79
Prerequisites: CLB365
Credit points: 12 Contact hours: 3 per week

CLB367 SOCIAL SCIENCE CURRICULUM STUDIES 1
Assists students to develop those competencies needed in the classroom and in selected parts of 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: ED19, ED50, ED54, ED55, IF70, IF79
Prerequisites: Normally the completion of 48 credit points in each relevant discipline area
Credit points: 12 Contact hours: 3 per week

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: ED19, ED50, ED54, ED55, IF70, IF79
Prerequisites: CLB367
Credit points: 12 Contact hours: 3 per week

CLB369 SOCIAL & ENVIRONMENTAL FOUNDATIONS
Explores from an interdisciplinary perspective a number of thematic questions about teaching: the historical development of social and environmental foundations in the study of society; the current sociocultural context of social and environmental education; culture and beliefs as an influence on social and environmental activity; the quality of natural and social systems in the world; resources, sustainability and development; place and space, continuity and change, key skills and competencies, critical and creative thinking, perceiving values and values in social and environmental studies.
Courses: ED43, ED51, ED52
Credit points: 12 Contact hours: 3 per week

CLB370 ADVANCED CURRICULUM: ENVIRONMENTAL EDUCATION
Designed to assist the beginning teacher to implement the Queensland Department of Education's environmental literacy in primary schools. The major goal is to develop expertise in the design and delivery of class programs and activities.
Courses: ED51
Credit points: 12 Contact hours: 3 per week

CLB371 KNOWING YOUR ENVIRONMENT
An interdisciplinary social science approach to explore the origins, nature and impact of environmental issues that threaten the continuing viability of our planet. It is aimed to develop a sound skills and knowledge base enabling students to think, synthesise and respond positively to many of the controversial and vital environmental problems at a local, national and global level.
Courses: ED52, ED51, ED43
Credit points: 12 Contact hours: 3 per week

CLB372 THE CONSUMER, SOCIETY & THE ENVIRONMENT
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 relationship between consumers, business and government; consumer protection laws and the need for them; ways of developing pro-consumerism and consumption for the environment - the green consumer.
Courses: ED52, ED51, ED43
Credit points: 12 Contact hours: 3 per week

CLB373 FUTURE SOCIETIES & ENVIRONMENTS - AUSTRALIA, ASIA & THE 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 examination 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 issues as: population and migration; international relations; political institutions and systems; resource allocation and utilisation; sustainable development; environmental issues; and structural change.
Courses: ED52, ED51, ED43
Credit points: 12 Contact hours: 3 per week

CLB374 STUDIES OF SOCIETY & ENVIRONMENT
An investigation of the Key Learning Area of Studies of Society and Environment disciplinary key strands; analysis of Curriculum units.
Courses: ED43, ED50, ED51, ED52, ED54, ED55, IF70-79
Credit points: 12 Contact hours: 3 per week

CLB375 ENVIRONMENTAL FIELD STUDIES
Designed to identify and value a wide range of field study sources and venues. Extensive involvement with field study experiences will assist students in developing appropriate skills for investigating and analysing contemporary 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
Credit points: 12 Contact hours: 3 per week

CLB376 STUDIES OF SOCIETY AND ENVIRONMENT CURRICULUM
The unit aims to provide students with the knowledge and skills to investigate and critically evaluate the social and environmental issues that are important to a range of stakeholders and for making informed decisions about them.
Courses: ED26, ED51, ED56, IF82, IF84
Credit points: 12 Contact hours: 3 per week

CLB377 BUSINESS EDUCATION STUDIES
Introduces students to the interconnectedness of different educational systems, and the nature and role of education in society.
Courses: ED50, ED55, ED19, IF70-79
Prerequisites: 24 credit points in Business Education Curriculum units
Credit points: 12 Contact hours: 3 per week

CLB380 CULTURAL DIversity & Education
Examines the cultural diversity of Australian society and its educational approach to addressing the needs of cultural diversity. Participants will analyse the role of the school and the teacher with respect to schooling and pluralism.
Courses: ED26, ED43, ED50, ED51, ED52, ED54, ED55, IF70-79
Credit points: 12 Contact hours: 3 per week

CLB402 ISSUES IN INDIGENOUS EDUCATION
Factors influencing the position of Aboriginal 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, ED43, ED50, ED51, ED52, ED54, ED55, IF70-79
Credit points: 12 Contact hours: 3 per week

CLB403 GENDER & SEXUALITY ISSUES FOR TEACHERS
Gender and sexualities in cultural and school contexts. Historical and contemporary sociocultural theoretical frameworks for gender and current debates in Australia about gender and equity; feminism 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
Credit points: 12 Contact hours: 3 per week

CLB405 ENVIRONMENTAL ALLOCATION
Valuable for all educators concerned with communicating environmental knowledge, concepts, theories and practices to students in informal learning situations. Participants are encouraged to pursue the objectives of environmental education within their own subject specialisation.
Courses: ED26, ED54, NS48
Credit points: 12 Contact hours: 3 per week

CLB411 ADVANCED STUDIES IN FILM AND MEDIA EDUCATION
Examines the classroom implications of new policies and curriculum changes in Media Education. These include the requirement for The 10 Media Education Guidelines to other curriculum areas such as Arts, English, Social Science and Technology Education and the programming
implications of such Film and Media Curriculum issues as audience effects, representation, media ideologies and critical literacies.

Courses: ED50, ED55, IF70-79
Credit points: 12
Contact hours: 3 per week

▲ CB412 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; multiculturalism, multilingualism and ideology; school to work transition programs; contemporary issues in language education and curriculum, ideas and cultural studies.

Courses: ED50, ED55, IF70-79
Credit points: 12
Contact hours: 3 per week

▲ CB413 PROGRAMMING & ASSESSMENT IN LANGUAGE & 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 develop and implement assessment and intervention in both language and mathematics.

Courses: ED19, ED51, ED56, IF82, IF84
Prerequisites: Language and Mathematics Curriculum Sequences (or equiv)
Credit points: 12
Contact hours: 3 per week

▲ CB414 ADVANCED TOPICS IN LANGUAGE EDUCATION
Provides students with the opportunity of exploring in more detail literature and language-related curriculum issues in the primary school. Topics will include literature and popular culture in the classroom; language and gender; language, multilingualism and ideology; the student as linguistic ethnographer.

Courses: ED51
Credit points: 12
Contact hours: 3 per week

▲ CB448 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 speakers of English and who require higher English language proficiency levels for study purposes.

Courses: ED19, ED50, ED55
Credit points: 12
Contact hours: 3 per week

▲ CB449 ENGLISH AS A SECOND LANGUAGE CURRICULUM STUDIES 2
Continuation of LAB447 showing students how current research, curriculum documents 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: Credit points: 12
Contact hours: 3 per week

▲ CB449 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 teacher educators to demonstrate educational theory together with an understanding of second language acquisition.

Courses: ED19, ED50, ED55
Credit points: 12
Contact hours: 3 per week

▲ CB450 PRIMARY LOTE CURRICULUM STUDIES 2
Continuation of CB449. 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: ED19, ED55
Prerequisites: CB449
Credit points: 12
Contact hours: 3 per week

▲ CB451 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: ED52, ED56
Credit points: 12
Contact hours: 3 per week

▲ CB452 MEDIA LITERACY AND THE SCHOOL CURRICULUM
The unit aims to equip future teachers with an understanding of media literacy that they can apply to their own professional growth in addition to meeting and understanding 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
Credit points: 12
Contact hours: 3 per week

▲ CB453 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 approaches to new academic literacies and technologies in education. Students will undertake negotiated school-based projects to develop learning resources by applying new literacies and technologies in virtual classroom contexts.

Courses: ED50, ED55, IF70-79
Prerequisites: Credit points: 12
Contact hours: 3 per week

▲ CB454 LANGUAGE AND LITERACY CURRICULUM
Following an introduction which points out how particular genres, 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 critical approach to reading while the third module concerns planning for a critical approach to literacy education.

Courses: ED26, ED56, IF82, IF84
Credit points: 12
Contact hours: 3 per week

▲ CLN608 SECOND LANGUAGE ACQUISITION
Recent developments 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 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, ED77
Credit points: 12
Contact hours: 3 per week

▲ CLN609 LANGUAGE, LITERACIES & 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

▲ CLN611 ADULT & WORKPLACE LITERACY & NUMERACY
An exploration of how the field of adult literacy and numeracy has evolved; the changing nature and roles of literacies and numeracies in contemporary societies; how literacy and numeracy practices are embedded in particular settings, for example workplaces, and how cultural, political and economic factors impinge on adult literacy and numeracy learning in different contexts.

Courses: ED13, ED11, ED61
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
Credit points: 12
Contact hours: 3 per week

▲ CLN613 SECOND LANGUAGE CURRICULUM DESIGN OPTIONS
The factors that influence teachers in the development of language programs. Include 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
Credit points: 12
Contact hours: 3 per week

▲ CLN614 RESEARCH METHODS IN SECOND LANGUAGE EDUCATION
Introduces students to methods and techniques that 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

Credit points: 12
Contact hours: 3 per week

▲ CLN615 DIRECTED READING IN SECOND LANGUAGE EDUCATION
Provides an opportunity for further study in areas 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
Credit points: 12
Contact hours: 3 per week

▲ CLN616 LANGUAGE ASSESSMENT & PROGRAM EVALUATION IN TESOL
Theories and practices in program evaluation, language testing and proficiency assessment. It examines and evaluates test instruments that are used to assess the English language proficiency of speakers for whom English is a second language.

Courses: ED14, ED77

Credit points: 12 | Contact hours: 3 per week
► 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 increasing their cultural awareness. Students wishing to take this unit should discuss options with the coordinator.

Courses: ED14, ED77
Credit points: 12 | Contact hours: 3 per week
► CLN618 TECHNOLOGY & SECOND LANGUAGE LEARNING
The twentieth century has seen 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 e-mail, list servers and bulletin boards.

Courses: ED14, ED77
Credit points: 12 | Contact hours: 3 per week
► CLN619 FUNCTIONAL GRAMMAR AND DISCOURSE
While we use language to enact our everyday lives, to teach and to learn, we use discourse to do so. Through this unit, students develop both the tools and methods to analyse discourse, comprising texts, to 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 textlevel meaning, of transitivity, mood and theme/rheme in clause level meaning, and of nominal, verbal and prepositional groups in meaning. Significant linguistic features of written and spoken language are identified and discussed.

Courses: ED14, ED77
Credit points: 12 | Contact hours: 3 per week
► CLN620 LANGUAGE & 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
Credit points: 12 | Contact hours: 3 per week
► CLN623 INVESTIGATING LANGUAGE & LITERACY TEACHING & LEARNING
Modules enabling students to tailor investigations into language and literacy theory and practice to fit their area of specialisation. Additional modules will be equipped with techniques and tools for analysing, interpreting, critiquing and evaluation theorised and responsible inquiry within their chosen language and literacy field.

Courses: ED11, ED13, ED61
Credit points: 12 | Contact hours: 3 per week
► CLN624 LITERACY/ESL PROGRAMMING AND ASSESSMENT
The unit begins with a generic module for all students enrolled in the unit. Here students investigate theory and practice in program and assessment in state and national contexts. Students then select from three possible modules engaging in programming and assessment issues for Primary, ESL, and adult contexts. Students undertake analysis and critique of programs in current use, and in negotiation with the staff in charge of the module.

The unit involves a case study that centres on students' particular interests.

Courses: ED13, ED11, ED61
Credit points: 12 | Contact hours: 3 per week
► CLN625 NEW LITERACIES & TECHNOLOGIES
The modules in this unit introduce current theories of learning new forms of language practice emerging in the current age of electronic information and communication. Students will experience and experiment with 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: skills for teaching literate acts; teaching/learning through a genre and critical approach; and catering for differences within the language and literacy program. The unit approaches the teaching-learning cycle through a problem-solving approach. Case studies and scenarios typical of classrooms that include a range of learners including ESL students and those who have different learning styles and abilities.

Courses: ED18
Credit points: 12 | Contact hours: 3 per week
► CLN631 POLICIES & PRACTICES FOR INCLUSION 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 viable option. This 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 and 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 protecting 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
Credit points: 12 | Contact hours: 3 per week
► 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 opportunistic resources in a variety of approaches to classroom practice.

Courses: ED14, ED77
Prerequisites: CLN612
Corequisite: ED13
Credit points: 12 | Contact hours: 3 per week
Campus offered: KG
► 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: ED13
Credit points: 12 | Contact hours: 3 per week
Campus offered: KG
► 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. Reviews the roles and work 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
Credit points: 12 | Contact hours: 3 per week
Campus offered: KG
► 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 special education.

Courses: ED28, ED61
Credit points: 12 | Contact hours: 3 per week
► CLP507 AUSTRALIAN LITERATURE & YOUNG PEOPLE

Courses: ED25
Credit points: 12
► CLP509 DIRECTED STUDY
An individually designed unit that allows students to develop their theoretical knowledge and skills beyond the classroom.

Courses: ED25
Credit points: 12
► CLP515 RESOURCE SERVICES FOR SPECIAL NEEDS
Resource services designed for students with special needs relating to physical or intellectual impairments, socio-economic or cultural circumstances; the theory and practice of mainstreaming; the inclusive School Resource Centre.

Courses: ED25
Credit points: 12
► CLP518 VISUAL LITERACY & RESOURCE DESIGN
Visual literacy; learning styles; interpretation; design and evaluation of visually based resources.

Courses: ED25
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 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 a range of relevant 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

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UNIT SYNOPSIS

► CLP529 COMMUNICATION WITHIN AN INFORMATION ENVIRONMENT This unit develops the interpersonal communicati- ons, management and leadership issues that professionals can apply and evaluate in managing information within their own work environments.

Courses: ED25, ED61 Credit points: 12

► CLP530 ACCESSING INFORMATION SOURCES This unit provides the 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 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.

Courses: ED25 Credit points: 12

► CN532 BIBLIOGRAPHIC ORGANISATION

Library systems for the organisation of informa- tion; development of effective, user-friendly catalogues. Where applicable, 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

► CN534 CONTEMPORARY PUBLISHING: TRENDS AND CRITICISMS This unit will provide students with a knowledge of contemporary publishing trends in print and digital media. It considers the sociocultural and commercial perspectives. The unit will also en- able 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 An introduction to the discipline of construction highlighting the role of construction in society and the requirements of local and national standards for both domestic and residential construction projects. Construction concepts to be covered in- clude timber-framed structures; timber-framed floor structures; masonry and other claddings; roofing construction and materials; internal linings; join- ery; site preparation; drainage systems; and land- scape retaining walls. The unit extends to residential multilevel units considering issues such as suspended ceilings; suspended concrete floors; acoustic and fire safety requirements; and timber framed multi-level construction. The unit includes drafting of construction details and specifications for residential construction.

Courses: CN51, CN53 Corequisites: CNB102 Credit points: 12 Contact hours: 5 per week

► CNB102 BUILDING TECHNOLOGY 1 This unit comprises an integrated study of materi- als used in construction. The first is a study of the major structural materials used in construction - timber, masonry, steel and concrete. The second part deals with the non-structural materials used in construction and includes non-ferrous metals, adhesives; sealants, PVC, coatings, board products, glass, bitumen and asphalt. The textile and manufactured building products include specified industrial properties, acoustic and thermal properties and issues such as cleaning, maintenance, corrosion protection, determination of fire resistance and flooring. Sustainable development and material recycl- ing are also considered. The bias is towards building technologies that affect a constructor rather than a designer. Practical laboratory ses- sions are undertaken to introduce the students to a range of standard tests and to demonstrate ma- terial behaviour. Practical laboratory sessions are undertaken to introduce the students to a range of standard tests and to demonstrate material beha- viour.

Courses: CN51, CN53 Prerequisites: CNB102 Corequisites: CNB107 Credit points: 12 Contact hours: 3 per week

► CNB105 SURVEYING AND DATA ANALYSIS This unit comprises two components - land stud- ies and surveying, and data analysis. The land studies and surveying component will provide a basic coverage on land issues such as permits of ownership and occupation of estates and interests in land; easements; party walls, boundary walls, fences and encroachments. Concepts of surveying and a study of trigonometry; functions of levels and levelling; reading and recording observations; 2-preg test; linear measur- ement; correction to measurements; the theodolite; angles and bearings; traverses and traverse calculations; setting out; contour and volumes; maps; cadastre. The data analysis component is an introduction to maths and includes unit conversions, manipulation of equa- tions, estimation of accuracy and errors; trigonometry and its applications. Introduction to statistics including population and samples, descriptive statistics, uncertainty and probability, statistical distribution, frequency, distribution confidence limits, hypothesis test- ing for proportions and normal and Student’s dis- tributions, introduction to linear regression.

Courses: CN51, CN53 Credit points: 12 Contact hours: 3 per week

► CNB106 TECHNICAL COMMUNICATIONS This unit comprises two components - profes- sional writing and communications, and intro- duction to computing. The professional writing and communication component examines the writing and learning processes; library tech- niques; grammar and styles; drafting processes; report writing; proposals and instructions; pres- entation strategies and skills. The introduction to computing component provides a general intro- duction to computing, computing at QUT, infor- mation literacy and information skills, use of word processing packages, use of presentation packages, essential skills with spreadsheet pack- ages.

Courses: CN51, CN53 Credit points: 12 Contact hours: 4 per week

► CNB107 CONSTRUCTION 2 This unit includes a study of the materials, methods and practices used in the construction of industrial and low-rise commercial buildings including site man- agement techniques, temporary works and plant requirements. Buildings are examined with regard to environmental, structural and ase- thetic requirements taking into account con- straints such as cost, dimensional requirements, statutory regulations and erection requirements. General topics to be examined include site man- agement; construction plant, labour and tempo- rary works; in-ground construction including footings, slabs and basements; and external treatments including landscaping and pavements. Specific topics related to low-rise commercial buildings include reinforced concrete construction and management; structural framing forms and actions; load-bearing masonry; cladding; services co-ordination and internal fitout. Spe- cific topics related to industrial buildings include structural frame forming forms and actions; tracing and cladding services. Tilt panel construction is also examined in detail.

Courses: CN51, CN53 Prerequisites: CNB102 Credit points: 12 Contact hours: 5 per week

► CNB108 BUILDING TECHNOLOGY 2 A study of the physical behaviour of structural members by an examination of tension, com-pression, shear, bending, torsion, deflection, the concepts of sta- bility, equilibrium, and load paths. Domestic structural design is introduced through the use of RADAM. The unit involves a level of quantitative technique but the emphasis is on qualitative and approximate methods.

Courses: CN51, CN53 Prerequisites: CNB102 Corequisites: CNB107 Credit points: 12 Contact hours: 3 per week

► CNB109 PROFESSIONAL STUDIES 1 This unit is based on a single project in which the students are required to prepare a full design of a single level brick-veneer type dwelling to a standard appropriate for submission to a local authority. In addition to this design, the students are also required to investigate construction and materials costs and prepare a time plan for the construction of the dwelling. The student is en- couraged to make use of all information sources, both within and outside the University, and to communicate with the community, professionals, practitioners and government officials. The spe- cific topics covered within this unit include architectural design, structural design, construc- tion materials, building services design, meas- urings and construction planning and site layout.

Courses: CN51, CN53 Prerequisites: CNB101 Credit points: 12 Contact hours: 4 per week

► CNB110 MEASUREMENT 1 This unit introduces the role of the Quantity Sur- veyor and the use of Bills of Quantities. It also covers the measurement of sample work sections. It introduces the traditional and developing role of the Quantity Surveyor. The tendering process and the bill of quantities. The Australian Standard Method of Measurement, rules, taking off methodology, mensuration and formulae. The measurement of various work sections to a domestic scale, in- cluding finishes, roof finishes, partitions, woodwork, metalwork, painting, doors, windows, glazing, hardware, suspended ceilings, access floors, ma- sonry and stonework.

Courses: CN51, CN53 Credit points: 12 Contact hours: 5 per week

► CNB171 CONSTRUCTION 1 Refer to unit synopsis for CNB192 Building Studies 1.

Courses: PU40 Credit points: 12 Campus offered: GP

► 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 com- plement their technical expertise with excellent writing and oral presentation skills (c) Introduces the student to the versatility of the modern desktop computer and software pack- ages and how they may be used to assist in the provision of professional services. (d) Introduces students to information retrieval techniques in accord with different Information Literacy program development.

Courses: CN54 Credit points: 12 Incompatible with: CNB181

Campus offered: GP Semester offered: 1

► CNB191 PROPERTY LAW 1 Topics covered within the content of this unit are: Legal principles and process, the legal sys- tem and process; sources and divisions of the law; rules of precedence; interpretation of statutes and regulations; legal practice and proce- dural elements of law; the effect of ownership and process of division of the property; the legal aspects of ownership and possession, estates and interests in land; easements, rights and restrictive cov- enants; party walls, boundary walls, fences and encroachments.

Courses: CN54 Credit points: 12 Incompatible with: CNB183

Campus offered: GP Semester offered: 1

► CNB192 BUILDING STUDIES 1 The unit introduces students to the principles and methods of domestic construction. For each of the building types covered, common construc- tion faults and defects are also addressed. Draf- ting tutorials are used to reinforce the lecture material and as a means of helping the stu- dents to read and understand building docu- ments. The opportunity is taken at this time to introduce such issues as how to measure build-
Courses: CN54  Credit points: 12  Incompatible with: CNB182  
Campus offered: GP  Semester offered: 1  
► CNB194 PRINCIPLES OF PROPERTY VALUATION  
This subject is structured to assist student learning across the three component areas identified in the and development of the methods. This will be achieved through coverage of the following topics: character of the property market, value; legal, environmental and tax aspects; property and property types; valuation processes and methods for freehold property interests; data collection; factors influencing open market value; and oral presentation of professional practice and the identification of other legal entities of landed interests.  
Prerequisites: BSB113 Corequisites: EFB102  Credit points: 12  Incompatible with: CNB180  Semester offered: 2  
► CNB201 CONSTRUCTION 3  
This unit introduces the unique character of high-rise construction and the significance of construction management. The unit includes a detailed appraisal of the techniques used for deep excavation and foundations, and the implications of uncertainty on the management of cost and time. The unit provides a progressive development of the structure from the basement to the roof, emphasising the cyclical nature of the process and the specialised equipment required. Construction studies continue with alternative forms of external cladding and the attendant access and waterproofing problems of each and conclude with the services, internal finishes and maintenance facilities peculiar to high-rise buildings.  
Courses: CN51, CN53  Prerequisites: CNB107  Contact hours: 5 per week  
► CNB202 BUILDING TECHNOLOGY 3  
This unit comprises two components - structural principles and formwork. The structural principles component extends the basic design knowledge developed in Building Technology 2 to allow you to undertake basic structural member design of timber, steel and concrete members in tension, compression, bending and shear loads. The emphasis is on approximate or first order of magnitude techniques suitable for estimating or checking purposes. The behaviour of other structural systems such as trusses and retaining walls is also introduced, together with construction stating and the location and fitment of structures such as cranes, scaffolding and slings. The emphasis will be qualitative rather than quantitative. The formwork component examines the structural behaviour, design, and construction requirements for both steel and composite and multi-level formwork. Formwork types and issues to be considered include: formwork components; surface finish; wall, column, stair, roof, and beam forms; permanent formwork, construction cycle requirements and assembly issues.  
Courses: CN54  Prerequisites: CNB102  Credit points: 12  Contact hours: 3 per week  
► CNB203 BUILDING SERVICES  
The unit studies the services required in low rise and high rise buildings. It is concerned with the delivery of community supplied services, the provision of headworks and the temporary services required during construction and moves to permanent water supply, sewerage, and waste systems. The unit continues with types of ventilation, air-conditioning systems and heating with a bias to institutional buildings and the issue of confined spaces. Electrical services are studied through theoretical concepts and the first-order estimation and demand and also to cover the topics of terminology and symbols used to describe electrical circuitry, statutory codes and regulations and the responsibilities of building owners. Vertical transportation systems are studied through planning implications, preliminary cost forecasting and construction practices and access. The unit concludes with studies of the internal environment and health issues including noise and vibration assessment and reduction, electrical energy management and commissioning responsibilities.  
Courses: CN51, CN53  Contact hours: 3 per week  
► CNB204 MEASUREMENT 2  
This unit consists of measurement of various work sections to more complex works, in accordance with the AS 1684 Method of Measurement. Work sections to include concrete, formwork, reinforcement, groundworks, underpinning, machinery and steelwork, exterior elements and demolition. The development and application of Builders’ quantities.  
Courses: CN51, CN53  Prerequisites: CNB107  Credit points: 12  Contact hours: 5 per week  
► CNB206 LAW 1  
Courses: CN51, CN53  Contact points: 12  Contact hours: 3 per week  
► CNB207 PROFESSIONAL STUDIES 2  
The aim of this unit is to provide practical experience for students to experience the type of decisions met in professional practice and to acquire the investigating skills needed to support a rational approach to problem solving. The lecturing program is limited to a few sessions dealing with topics new to the students and relevant to the project. These will normally be related to environmental matters and special construction techniques. Each project is set to develop self-learning skills in the areas of environmental issues, construction practice, planning, community negotiations, commercial decisions and statutory responsibilities.  
Courses: CN51, CN53  Prerequisites: CNB109  Credit points: 12  Contact hours: 4 per week  
► CNB208 CONSTRUCTION BUSINESS MANAGEMENT 1  
Examination of a range of general business management practices and issues as they relate to the construction industry. Specific topics to be examined include: project management; client organisations; personality and attitudes; personal and professional business ethics; motivation and employee performance; managing stress, conflict, change and quality; community relations; group functions; decision making processes. Further, this unit examines industrial relations including industrial relations in the construction industry; the role of unions; labour management; health and safety; workplace reform and workplace agreements.  
Credit points: 12  Contact hours: 3 per week  
► CNB209 THE ENVIRONMENT AND THE QUANTITY SURVEYOR  
The professional examination of the image and status, scale of fees and charges, codes of ethics, terms of engagement, indemnity insurance, quality assurance systems, environmental and sustainability issues. Completeness including, premises audit, energy and maintenance audits and asset registers. Environmental economics and sustainable development including global warming, international environmental impacts, policy initiatives, development guidelines and legislation.  
Credit points: 12  Contact hours: 3 per week  
► CNB217 APPLIED COMPUTING  
The unit consists of three major components: the advanced application of spreadsheets and databases; the application of construction management packages; and the integration of computer software in a construction management environment. The unit introduces students to the use of visualisation techniques. Introduction to tax depreciation and tax effective design. No drawing is undertaken in the semester, but students are regularly exposed to consultants’ drawings of major commercial buildings and are required to prepare information on aspects such as suitability of the building for occupancy.  
Courses: CN54  Credit points: 12  Incompatible with: CNB282  
Campus offered: GP  Semester offered: 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 that drive and shape urban development. Topics covered will include: economic processes in spatial and land use development; urban growth and development; economic impacts on property; the concept of ‘the rent bid curve’; urban Segregation and Immigration: Its Causes and Consequences; cost of living and income distribution; the use of computer 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 bylaws.  
Prerequisites: BSB113, EFB102  Contact hours: 12  Contact hours: 4 per week  
► CNB292 PROPERTY INVESTMENT VALUATION  
This unit develops further the basic property valuation principles introduced in CN194, Principles in Property Valuation. The emphasis now moves to the valuation of income producing assets and the commonly termed ‘investment properties’. Topics covered...
including the mathematics of freehold and leasehold property valuation utilising the time value of money. It introduces; conservation and heritage protection; the capitalisation of net income and discounted cash flow approaches.

Courses: CN54
Credit points: 12 Incompatible with: CNB286
Campus offered: GP Semester offered: 1

► CNB293 REAL ESTATE ACCOUNTING


Courses: CN54
Credit points: 12 Incompatible with: CNB280
Campus offered: GP Semester offered: 1

► CNB294 REAL ESTATE AGENCY AND MARKETING

Real Estate Agency Practice introduces manipulation techniques needed to operate a real-estate practice, and the establishment, or the purchasing of, an agency or rent roll. Consumer and business ethics are covered together with the implications of the Trade Practice and Fair Trading Acts. Issues affecting real estate practice and the associated responsibilities are linked to real estate practice viability, profitability, risk management and professional indemnity. The subject covers the requirements of the Australian National training body competency standards to ASF 5+6+7 incorporating units 1, 2, 3, 7, 18, 11, 12, 19, 20, 21. The student will be introduced to the concepts of perception, motivation, decision-making, group dynamics, leadership styles, employee selection, negotiation, dispute resolution, as well as examining in detail the role agency structure, procedures, documentation and codes of ethics and the marketing of freehold and leasehold residential, commercial and specialised real estate. The properties of the marketing element of the subject cover the requirements and standards set down in the Australian National Training Body Guidelines (2nd edition) 1993 (and amendments if any) to competency levels ASF 3, 4 for the Real Estate Industry, incorporating field units 6, 17, in ASF 3 and field units 5, 14, 15, 16, 8, 9, 10, 13, 20, 21 in ASF 4 covered during the course lecture. Delivers some elements interlink with Law 1, Management and Property Management.

Courses: CN54
Prerequisites: CNB191
Credit points: 12 Incompatible with: CNB185, CNB291, CNB292
Campus offered: GP Semester offered: 2

► CNB295 PLANNING THEORY AND PROCESSES

Development and 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 current practice. Legislation, markets. Topics covered will include: introduction to the emergence of fundamental principles of urban planning control; the statutory planning process and current Queensland legislation; urban and regional planning on matters of equity and social responsibility; types of planning controls; detailed coverage of current development approval and appeals processes; an introduction to real estate, and its impact on development and land use rights and economic value; and the concepts and impact of regional planning and special development zones.

Courses: CN54
Prerequisites: CNB291
Credit points: 12 Incompatible with: CNB380
Campus offered: GP Semester offered: 2

► CNB296 CONTEMPORARY ISSUES

This unit is deliberately open ended and flexible providing with regard to the content and the industry can be varied, wide-ranging and arrive as an issue as rapidly as it can fade. Content therefore is subject to the year as issues gain prominence and then recede. Current topics that may be covered might include: Native Title; Heritage; Contamination; Environmental 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 offered: GP Semester offered: 2

► CNB302 CONTRACT ADMINISTRATION

This unit consists of the following: Duty to the contract vs. duty to the client and employer. Standard form contracts vs. uniquely drafted conditions. Special conditions of contract, contract addenda, contract documentation, Bills of quantities, financial statements. Procurement and Project Systems. Tender Code, Insurance. Sub-contractors and nominated sub-contractors, adjustment of provisional sums, variations, 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, practical completion, completion, defects liability, warranties, collateral warranties, final accounts.

Courses: CN51, CN53
Credit points: 12 Contact hours: 3 per week

► CNB303 CONSTRUCTION BUSINESS MANAGEMENT 2

The nature and scope of economics is studied which includes production, demand, supply, equilibrium and disequilibrium, theory of the firm, macroeconomic theory and the nature of the construction industry. Accounting theory and practice is introduced covering financial accounting (receivables, payables, basic financial statements, company accounts, cash flow statements, interpretation of accounts), cost and management accounting (cost accounting procedures, direct and indirect costs, marginal and standard costing, product costing systems and budgetary control) and financial management (cost of capital, cash flow, managing working capital, share values, mergers, take-overs, and buyouts).

Courses: CN51, CN53
Credit points: 12 Contact hours: 3 per week

► CNB305 CONSTRUCTION ESTIMATING

The unit continues with an introduction to the relationship of the professions involved in estimating and to the techniques available to quantity cost. Standard cost elements of cost following leading to detailed methods of evaluating labour, materials and equipment to realistic levels of accuracy. The unit continues with development of use of rates and constants in assessing base estimates for major building trades and the assessment of offers from subcontractors. The student's understanding is broadened by the introduction of the concept of functional estimating and the significance of construction methods to the assessment of non-standard work. Introduces with the role of management in the appraisal of estimates, the evaluation and offsetting of risk, the significance of competitive elements of cost and the benefit to both parties of tender letters. Negotiating practices prior to the award of contract and the application of estimating and the application of estimating techniques to variations and to profit monitoring conclude the unit.

Courses: CN51, CN53
Credit points: 12 Contact hours: 4 per week

► CNB306 CONSTRUCTION BUSINESS MANAGEMENT 3

This unit introduces the process of structuring construction budget documents to provide control mechanisms or cost monitoring and purchasing. The issues surrounding dealings with subcontractors during the initial negotiations and through the subsequent execution of the contract are detailed. With regard to variations in the physical work and the consequences on time are developed. The Construction Safety Act and the Workers Compensation Act and the Environment Protection Act are studied in detail and the consequences on site operations are explored. The nature and scope of economics is studied which includes production, demand, supply, equilibrium and disequilibrium, theory of the firm, macroeconomic theory and the nature of the construction industry. Accounting theory and practice is introduced covering financial accounting (receivables, payables, basic financial statements, company accounts, cash flow statements, interpretation of accounts), cost and management accounting (cost accounting procedures, direct and indirect costs, marginal and standard costing, product costing systems and budgetary control) and financial management (cost of capital, cash flow, managing working capital, share values, mergers, take-overs, and buyouts).

Courses: CN51
Credit points: 12 Contact hours: 3 per week

► CNB307 BUILDING ECONOMICS AND COST MANAGEMENT

The principles of cost management, including cost planning and cost control, within various procurement systems. Alternative approaches to clients seeking cost reports. Introduction to design and production economics including cost modelling, life cycle costing, tax depreciation, sinking funds, value management and production costs. An analysis of risk in management in construction cost planning and cost control.

Courses: CN51, CN53
Credit points: 12 Contact hours: 3 per week

► CNB308 PROFESSIONAL STUDIES 3

In the first stage of the unit students are introduced to the ‘Committed’ computer simulation in which they make decisions relating to a construction management contract for a complex industrial project while monitoring profitability and time. In stage two the students advance to decisions relating to the management of a building company using the computer simulation ‘Arousal’ in the areas of staffing, tendering policy and tactical positioning. The concepts in the simulations are supported by discussion groups and role-playing.

Courses: CN51, CN53
Prerequisites: CNB206
Credit points: 12 Contact hours: 3 per week

► CNB309 LAW 2

This unit consists of: Sale of Goods; hire purchase; negotiable instruments; insurance law; contract law, Principals of civil law, principles of corporation law, limited liability, effects of incorporation, limited liability, limits of the separate entity doctrine. Bankruptcy and liquidation. Arbitration, the legal position with actions at law, reference by consent, appointment of an arbitrator, conduct of an arbitra- tion. The nature and scope of economics is studied which includes production, demand, supply, equilibrium and disequilibrium, theory of the firm, macroeconomic theory and the nature of the construction industry. Accounting theory and practice is introduced covering financial accounting (receivables, payables, basic financial statements, company accounts, cash flow statements, interpretation of accounts), cost and management accounting (cost accounting procedures, direct and indirect costs, marginal and standard costing, product costing systems and budgetary control) and financial management (cost of capital, cash flow, managing working capital, share values, mergers, take-overs, and buyouts).

Courses: CN51, CN53
Credit points: 12 Contact hours: 3 per week

► CNB310 MEASUREMENT 3

The measurement of building services including hydraulics, drainage, mechanical and electrical installations. An introduction to basic techniques in computer modelling, simulation and computer-aided design. The impact of these technologies on traditional measurement and quantity surveying in general.

Courses: CN51, CN53
Prerequisites: CNB204
Credit points: 12 Contact hours: 3 per week

► CNB315 TIME MANAGEMENT

This unit addresses the concept of time and construction scheduling and emphasises their importance in the control of construction projects. The unit introduces an in-depth study of project time and resource planning techniques such as cost charts, critical path networks (precedence, time, resource and activity on arrows), line of balance, resource allocation and levelling, schedule updates and progress control.

Courses: CN51, CN53

UNIT SYNOPSES

Credit points: 12  Contact hours: 4 per week  Incompatible with: CNB301

► CNB301 BUSINESS RESEARCH METHODS

The unit will comprise research and retrieval skills involving books, periodicals and electronic publications. Research methodologies and statistical analysis; writing and dissertation writing will be fully explored.

Courses: CN54
Credit points: 12  Incompatible with: CNB383
Campus offered: GP  Semester offered: 2

► CNB383 PROJECT AND DISSERTATION WRITING

This unit explores research and dissertation writing will be fully explored. Credit points: 12  Contact hours: 2 per week

Courses: CN54
Credit points: 3rd year subject

► CNB390 PROFESSIONAL PRACTICE

Projects and dissertations form an integral part of the property course. This unit seeks to provide students with a fully supervised work experience in support of their academic program, in a University approved placement. The unit is fully supported by the Australian Property Institute and the Institute plays a key role in monitoring student interaction and ensuring that students receive the best quality experience possible.

Courses: CN54
Credit points: 12  Incompatible with: CNB382
Campus offered: GP  Semester offered: 1

► CNB382 STATUTORY AND SPECIALIST VALUATION

Valuations and research form an integral part of special use properties and for statutory purpose and to represent those valuations as an expert witness. Contact includes. Valuations for tax and taxation of capital gains; statutory rating and research disparities under relevant legislation including computer assisted mass appraisal; appraisals procedures; compulsory acquisition. Assessment of compensation resulting from acquisition, re-summption 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
Credit points: 12  Incompatible with: CNB381
Campus offered: GP  Semester offered: 2

► CNB381 PROPERTY AND ASSET MANAGEMENT

Property Management provides a detailed insight into aspects of property management from residential management progressing to the more specialised industrial, commercial and retail centre management. In addition, this subject will address life cycle analysis and incorporates units of competency standards ASF 16, 17, 18, 19. Upon completion of this subject students will be competent in property management theory at all levels and will have an understanding of: 1. Promotion of rental property; 2. Tenant selection; 3. Preparation of client instructions; 4. Documentation preparation and drafting; 5. Completion of Statutory Documentation; 6. Tenancy transaction recording and management; 7. Property inspections and security; 8. Property maintenance and management; 9. Lease renewal and negotiation; 9. Termination of tenancies. 10. Consumer protection and mediation; 11. Dispute and conflict resolution in management of property.

Courses: CN54
Credit points: 12  Incompatible with: CNB191, CNB192, CNB192, CNB290, CNB293, CNB292
Credit points: 12  Incompatible with: CNB386
Campus offered: GP  Semester offered: 2

► CNB394 PROPERTY DEVELOPMENT

Data will be provided on the Australian urban economic environment enabling students to gain knowledge of the various development sectors. Students will be exposed to various planning, building, legal, financial and environmental acts and conditions. The knowledge developed will be applied to a range of case studies across various development sectors.

Courses: CN54
Credit points: 12  Incompatible with: CNB392

► CNB392 PROFESSIONAL RESEARCH METHODS

This unit introduces the concepts of valuation, types of landed property, income, and ownership costs and capitalisation rates. The unit also examines investment through a range of concepts including NPV, IRR and MIRR.

Courses: CN51, CN53
Credit points: 12  Contact hours: 3 per week

► CNB407 PROFESSIONAL INVESTIGATION AND REPORTING

Introduces a range of applied methodologies and designs as appropriate, within the context of the construction industry, to both business reports and research dissertations. The unit considers both qualitative and quantitative investigations, data analysis, reporting and applied information retrieval. A short research report will be developed which will, in conjunction with the theoretical study in the unit, prepare the student for the formal in-depth Research Report (CNB413).

Courses: CN51, CN53
Credit points: 12  Contact hours: 3 per week

► CNB408 ADVANCED BUILDING & CIVIL CONSTRUCTION

The unit introduces students to the different demands of the building and civil engineering approach to construction and highlights the significance of temporary works and the inherent need for planning and safety. Details studies cover the methods and equipment employed in the execution of earthworks, heavy foundations, steel fabrication and erection, marine, water re-taining structures, roadworks and bridges, mech-anical erection and process plants. The unit concludes with the broader issues of environ mental management, construction weather forecasting and the issues associated with work in remote locations.

Courses: CN51, CN53
Credit points: 12  Contact hours: 3 per week

► CNB409 PROFESSIONAL PRACTICE 1

To ensure that relevant professional experience is gained prior to graduation students are re quired to obtain a minimum of 100 days approved employment. A verified logbook and diary is maintained by the student and forms the focus of discussion during meetings with the units’ coordinator at the student’s place of work. The student is also required to draw from their experience in order to identify a suitable topic to form the basis of a case study.

Courses: CN51, CN53

Prerequisites: To be taken in final year of course

Credit points: 12  Contact hours: 3 per week

► CNB410 DEVELOPMENT PROCESSES

The unit examines data on the Australian urban economic environment enabling students to gain knowledge of the various development sectors. The unit will examine various planning, building, legal, financial and environmental acts and conditions. The knowledge developed will be used to analyse a range of case studies across various development sectors.

Courses: CN51, CN53

Credit points: 12  Contact hours: 3 per week

► CNB413 RESEARCH REPORT

The research report provides the student with an opportunity to consolidate and reinforce knowledge gained from the course. The report must reflect the student’s ability to conceptualise, theorise and implement a program of primary research. The student may choose, within certain guidelines, a topic of their choice and will be individually supervised throughout the duration of the unit.

Courses: CN51, CN53

Prerequisites: CNB407
Credit points: 12  Contact hours: 3 per week

► CNB420 CURRENT CONSTRUCTION ISSUES

This unit is an integrative study area with two main strands of integration: the integration, under the construction management umbrella, of the already studied and the integration of recent and topical developments in the area of construction management. Study areas covered by this unit will vary from year to year as advances in construction science and construction manage ment, but may include quality management; buildability; value analysis; case studies; computer applications and software systems; international construction management; recent developments in law; cultural influences, and new construction technologies and methodologies.

Courses: CN51
Credit points: 12  Contact hours: 3 per week

► CNB423 PROFESSIONAL PRACTICE 2

The unit is a continuation of Professional Practice 1 (CNB 409). The requirement for a verified logbook and diary is maintained and forms part of the final submission. Written report based on the development of the case study identified in CNB409 is also required. The student must attend evening and weekend workshops designed to assist the preparation of the verbal presentation of the case study and further evenings or weekend sessions to the made the presentation.

Courses: CN51, CN53
Credit points: 12  Contact hours: 3 per week

► CNB424 SPECIALIST MEASUREMENT

The measurement of complex and/or unusual civil and heavy engineering works, including earthworks, roadworks, piling, refinery/process ing plant and mining and offshore platforms. The application of alternative informal methods of measurement including simplified quantities, total bills and builders’ quantities to more complex building works.

Courses: CN53

Credit points: 12  Contact hours: 3 per week

► CNB425 INTERNATIONAL CONSTRUCTION

It is proposed that a different country (or similar geographical location) will be offered of each of the countries to be offered of this unit. As such, the specific content of the unit may vary slightly with each offering to allow current events in international politics and economics to be included. In general, the unit will include a study of the country's history; culture; language; government and business structure and practices; construction practices; and construction personnel issues such as education, management skills, labour skills, and industrial relations. The unit will be concluded with a student-funded international trip (likely to be 2-4 weeks) to allow the students to experience first-hand the country studied during the semester. Students will be involved in site visits and workshop (studio) exposure and full day 50 mile tour.

Courses: CN51, CN53
Credit points: 12  Contact hours: 3 per week

► CNB426 COMMUNICATION AND CULTURAL STUDIES

The unit provides an introduction to active rather than passive reading leading to critical evaluation of short texts by journalists and essayists with a view to developing subtlety in persuasive writing. The unit extends into an examination of theatre and film through critical reviews helping to foster an understanding of essential characteristics and techniques.

Courses: CN51, CN53
Credit points: 12  Contact hours: 3 per week

► CNB452 COMPUTER SOFTWARE APPLICATIONS

Cost estimates using computer software packages, set-up of base accounts, parameter specifications; elemental and detailed estimate measurement; editing, correction and data ma-
nipulation; report generation and formatting; de-
velopment of labour constants, standard rates
and items; pricing, tendering, spreadsheet appli-
cation; contract administration, variation control,
rise and fall of final accounts; progress pay-
ment and financial forecasts.

Courses: CN33
Prerequisites: CNB647 Corequisites: CNB648
Contact hours: 2 per week

► CNB490 1/2 RESEARCH
DISSERTATION
Students will embark on a research project cul-
inulating in the presentation of a written disserta-
tion on a topic of their choice. Progress will be closely monitored and assistance provided by
individual supervisors who will guide the student
through the process.

Courses: CN54
Prerequisites: CNB395; this is a full year sub-
ject.
Credit points: 24 Incompatible with: CNB387
Campus offered: GP Semester offered: 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
valuation, management, production, and produc-
tivity, and extraneous factors influencing rural
valuation. Valuation and valuation techniques are
designed and physical inspections organised in
order to assist the student with gaining practical ex-
perience.

Courses: CN54
Prerequisites: CNB492
Credit points: 12 Incompatible with: CNB184
Campus offered: GP Semester offered: 2

► CNB492 BUSINESS AND SPECIALIST
VALUATION
This unit introduces students to a variety of
valuation techniques as they apply to different
transferable development rights. Valuation of
terminable interests. Public sector and institu-
tional investment valuation.

Courses: CN54
Prerequisites: CNB292
Credit points: 12 Incompatible with: CNB382
Campus offered: GP Semester offered: 2

► CNB493 ADVANCED PROPERTY
VALUATION AND ANALYSIS
This unit will analyse a variety of modern property
valuation and analysis techniques as well as techniques used in connect-
ected disciplines. This subject will cover the relevance
of these techniques to their application in
investment property analysis. Special attention will be paid to the study of
the effects of taxation and finance and the analysis
methods associated with net of tax and finance
investment performance measurement.

The concept of sensitivity analysis introduced in earlier units will be further developed with
the introduction of probability modelling methods such as Monte Carlo simulation.
A major assignment based on a primary com-
plex investment property will form the corner-
stone of the unit.

Courses: CN54
Prerequisites: CNB392
Credit points: 12 Incompatible with: CNB385
Campus offered: GP Semester offered: 2

► CNB494 ADVANCED MARKET
ANALYSIS
This unit will re-examine students about the
published property market data sources and methods of
interpretation. It will however go further to
develop the students' skills to source, analyse, in-
terpret and report on primary property market data
using appropriate statistical analysis method-
ofs. The student will focus on how to interpret
software packages as a tool to assist the data
analysis process. The unit will not focus exclu-
ively on the property market, its content or
methodology: it will cover the social, political
and economic issues as they effect the
property industry will also be investigated.

Courses: CN54
Prerequisites: CNB392
Credit points: 12 Incompatible with: CNP55
Campus offered: GP Semester offered: 1

► CNB495 STRATEGIC PROPERTY &
FACILITIES MANAGEMENT
This unit develops knowledge and skills from
previous property management and related units
and allows students to understand the broader
strategic property management issues of prop-
erty as a component of investment portfolios and
as an integral element of business operations.

Courses: CN54
Credit points: 12

► CNB496 PROJECT COST AND RISK
MANAGEMENT
The unit will identify; fundamental project man-
gement principles that relate to economics, cost
and risk management and the key elements of
pro-active cost management, and the implemen-
tation of risk evaluation. It will revisit the
macro-economic and market indicators of project,
construction and property management and
provide students with an understanding of the
practicalities of managing responsibility, ac-
countability, motivation, reporting and imple-
mentation of project cost management.

Courses: CN54
Prerequisites: CNB393
Credit points: 12
Campus offered: GP Semester offered: 2

► CNB497 PROJECT HUMAN RESOURCE
MANAGEMENT
Effective project delivery requires effective utili-
isation of all project resources. The cornerstone
of the project management process is manage-
tment of the diverse professional team brought
together complete the project on time to specific
ation and within budget. Topics covered will
include: Principles of Human Behaviour; As-
psects of Personal Development and Motivation;
Communication; Group dynamics and interactions;
and Conflict management and arbitration.

Courses: CN54
Prerequisites: CNB496
Credit points: 12
Incompatible with: CNP551
Campus offered: GP Semester offered: 2

► CNB498 PROJECT HUMAN RESOURCE
MANAGEMENT
The unit develops concepts of project develop-
ment management introduced to the student in
CN 496, Project Management, and places them
in a regional, international, or more specifically, Asia-
Pacific, regional context. To this end the content
will be similar to CN 496 with a focus on Theo-
retical foundations of project management, pro-
ject implementation and termination, and
the latest developments affecting the practice of pro-
ject management in organisations. The following are the key aspects of the unit this unit:
Project management skills - professional development; Project management as a con-
scious process, making use of various concepts and techniques to achieve a successful project
outcome - defining project brief/scope and the
project management process; From planning to
execution and managing change - performance
measurement (time, cost and quality).

Courses: CN54
Incompatible with: CNB394
Credit points: 12
Incompatible with: CNP534
Campus offered: GP Semester offered: 2

► CNB499 INTERNATIONAL PROJECT
DEVELOPMENT MANAGEMENT
The unit develops concepts of project develop-
ment management introduced to the student in
CN 496, Project Management, and places them
in a regional, international, or more specifically, Asia-
Pacific, regional context. To this end the content
will be similar to CN 496 with a focus on Theo-
retical foundations of project management, pro-
ject implementation and termination, and
the latest developments affecting the practice of pro-
ject management in organisations. The following are the key aspects of the unit this unit:
Project management skills - professional development; Project management as a con-
scious process, making use of various concepts and techniques to achieve a successful project
outcome - defining project brief/scope and the
project management process; From planning to
execution and managing change - performance
measurement (time, cost and quality).

Courses: CN54
Incompatible with: CNB394
Credit points: 12
Incompatible with: CNP534
Campus offered: GP Semester offered: 2

► CNB500 PROJECT HUMAN RESOURCE
MANAGEMENT
This unit will focus on the development of
project human resource management and place
the project in a construction setting. The unit will
focus on developing the student's skil in the
management of the diverse professional team
brought together complete the project on time to specific
ation and within budget. Topics covered will
include: Principles of Human Behaviour; As-
psects of Personal Development and Motivation;
Communication; Group dynamics and interactions;
and Conflict management and arbitration.

Courses: IF92, CN75
Credit points: 8

► CNB501 SPACE PLANNING AND
MANAGEMENT
This unit introduces the student to the conser-
vative, sustainable, and environmentally
sound aspects of the design and delivery of
building projects. It will be concerned with the
development of the professional team brought
together complete the project on time to specific
ation and within budget. Topics covered will
include: Principles of Human Behaviour; As-
psects of Personal Development and Motivation;
Communication; Group dynamics and interactions;
and Conflict management and arbitration.

Courses: IF92, CN75
Credit points: 12
Contact hours: 3 per week

► CNP496 PROJECT MANAGEMENT
ANALYSIS
The focus of this unit is to provide a clear under-
standing of the social, technological and organi-
sational factors impacting on the design and
management of workplaces within organisations. Basic principles covering the
cessament of space demand and space planning
management form the core of this unit. The
influence of organisation culture on the design of
the physical workplace environment is discussed
together with innovations in workplace strate-
gies.

Courses: IF92, CN75
Credit points: 12
Contact hours: 3 per week

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The focus of this unit is to provide a clear under-
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Courses: IF92, CN75
Credit points: 12
Contact hours: 3 per week

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Courses: IF92, CN75
Credit points: 12
Contact hours: 3 per week

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cessament of space demand and space planning
management form the core of this unit. The
influence of organisation culture on the design of
the physical workplace environment is discussed
together with innovations in workplace strate-
gies.
Courses:

- Prerequisites: CNB393
- Credit points: 12
- Incompatible with: CNP520

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**UNIT SYNOPSIS**

**CN54**

- **Prerequisites:** CNB393
- **Credit points:** 12
- **Incompatible with:** CNP520

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**CN520 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, managing change and performance measurement (time, cost and quality).

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**CN521 PROJECT COST & 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 processes of project cost and risk management and the fundamentals of risk evaluation associated with project implementation.

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**CN532 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 strategies for innovation and technology compatibility between an organisation and its competitive, economic and social environment.

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**CN533 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.

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**CN534 INTERNATIONAL PROJECT MANAGEMENT**

Introduces key concepts, and further the understandings of issues involved in project management from the perspective of the Australian project manager. It compares technical, management, economic and cultural concepts and trends relating to management in the competitive global marketplace. Material is covered from a market viewpoint as well as from the viewpoint of the international construction industry.

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**CN545 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.

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**CN546 PROPERTY MANAGEMENT AND CONTRACTS**

Property contracts, especially leases, partial rights and purchase and sale; lease management, property statements and accounting systems, computer based property management programs, property type differentials, property portfolio management.

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**CN552 PROJECT 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 processes, industry development, quality management, business process 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.

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**CN553 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. The unit will provide competency in the selection and use of appropriate information technology through the study of essential packages and advanced project management software.

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**CN554 ADVANCED LAND DEVELOPMENT**

This unit provides an understanding of the housing industry, a growth industry, and research into feasibility and analysis of land development sites. Topics covered include housing policy, demographics, housing choices and quality; the impact on the real estate market. Case studies include residential feasibility studies and multidisciplinary projects.

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**CN555 PROPERTY PORTFOLIO ANALYSIS**

Indirect property investment vehicles in Australia, modern portfolio theory and its application to property portfolios, property and securities investment, benchmarking, compliance, and performance evaluation of Australian listed property funds sector.

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Graduate students from other disciplines starting the planning studies need to form themselves into self-conscious planning processes applicable to a variety of situations and scales. As environmental and community planners, they will need to understand how land uses are generated, the processes by which they may be planned, and the repercussions of their activities for the community. According to this view, this unit examines and explains the process, from objective formulation, information and resource analysis through policy and strategy development to evaluation, development of proposals and monitoring.

UNIT SYNOPSIS

**DBP402 PLANNING PROCESSES**
Graduate students from other disciplines starting the planning studies need to form themselves into self-conscious planning processes applicable to a variety of situations and scales. As environmental and community planners, they will need to understand how land uses are generated, the processes by which they may be planned, and the repercussions of their activities for the community. Accordingly, this unit examines and explains the process, from objective formulation, information and resource analysis through policy and strategy development to evaluation, development of proposals and monitoring.

**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 in an intensive mode preceding the start of the semester, has two elements. Perception and basic design includes how and what we see, design vocabulary, levels of design, and the rules of design. Graphics introduces students to different forms of representation, methods, presentation, visual imagery, and graphic tools for analysis and synthesis.

**Courses:** PS70, PS72
**Corequisites:** Nil
**Credit points:** 12
**Campus offered:** GP
**Semester offered:** 1

**DBP404 ECONOMIC AND SOCIAL FOUNDATIONS OF PLANNING**
This is an introductory unit offered in the first semester of the foundation studies section of the course. It 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
**Prerequisites:** Nil
**Corequisites:** Nil
**Credit points:** 12
**Campus offered:** GP
**Semester offered:** 1

**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 in planning and design by a range of built environment professionals.

**Courses:** PS70, PS72
**Prerequisites:** Nil
**Corequisites:** Nil
**Credit points:** 12
**Campus offered:** GP
**Semester offered:** 1

**DBP406 COMPUTER APPLICATIONS IN PLANNING**
Planning professionals need both a conceptual understanding and practical 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 and methods rapidly develop, planners need to possess the necessary computer skills to continue using digital tools effectively.

**Courses:** PS70, PS72
**Corequisites:** Nil
**Credit points:** 12
**Campus offered:** GP
**Semester offered:** 1

**DBP407 ENVIRONMENTAL PLANNING**
**Campus offered:** PS70
This unit seeks to introduce students to the theories, processes and tools of environmental planning and management. The unit provides the students with an 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
**Prerequisites:** Nil
**Corequisites:** Nil
**Credit points:** 12
**Campus offered:** GP
**Semester offered:** 1

**DBP408 PLANNING IMPLEMENTATION & LAW**
Professional competence in planning requires a detailed understanding of planning theory and implementation, including planning procedure, planning law and other related legislation. This unit in planning implementation law is designed to give students basic skills and knowledge of planning law and its associated procedures.

**Courses:** PS70, PS72
**Corequisites:** Nil
**Credit points:** 12
**Campus offered:** GP
**Semester offered:** 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 in integrated local area planning.

**Courses:** PS70, PS72
**Prerequisites:** DBP402
**Corequisites:** Nil
**Credit points:** 12
**Campus offered:** GP
**Semester offered:** 2

**DBP410 RESEARCH METHODS IN PLANNING**
This unit introduces students to the range of research methods used in planning 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
**Prerequisites:** Nil
**Corequisites:** Nil
**Credit points:** 12
**Campus offered:** GP
**Semester offered:** 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 interpreting a wide range of community concerns including land use and development assessment, employment, human services, urban and regional planning, 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
**Prerequisites:** Nil
**Corequisites:** Nil
**Credit points:** 12
**Campus offered:** GP
**Semester offered:** 1

**DBP412 PLANNING THEORY AND ETHICS**
Practising planners need to know both about the conceptual basis of their profession and to be able to calculate 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 utilizing students’ previous experience it comes in a later semester of the course.

**Courses:** PS70, PS72
**Prerequisites:** Nil
**Corequisites:** Nil
**Credit points:** 12
**Campus offered:** GP
**Semester offered:** 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 issues explored in parallel in DBP414 Regional and Metropolitan Policy. As the second of two practice-focused units, Regional Planning Practice concentration on the broader regional and metropolitan scales to develop skills in dealing with larger scale, strategic-level planning. Thus, it is located in a later semester of the course.

**Courses:** PS70, PS72
**Prerequisites:** DBP409
**Corequisites:** DBP414
**Credit points:** 12
**Campus offered:** GP

**DBP414 REGIONAL AND METROPOLITAN POLICY**
Relevant and effective regional and metropolitan policies must draw upon a wide range of knowledge and skills integrating regionalism, demography, social surveys, planning theory, regional resource evaluation, social organization and public administration. These topics are covered and embedded in the development of potential issues in metropolitan areas.

**Courses:** PS70, PS72
**Prerequisites:** DBP402
**Corequisites:** Nil
**Credit points:** 12
**Campus offered:** GP
**Semester offered:** 1

**DBP415 PROFESSIONAL PRACTICE**
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 appropriately undertaken in the later semester of the course. This unit also provides a pathway for students continuing in 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
**Prerequisites:** DBP410, DBP409
**Corequisites:** Nil
**Credit points:** 12
**Campus offered:** GP
**Semester offered:** 1

**DBP416 ELECTIVE**
This unit enables students to choose an elective from 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
**Prerequisites:** Nil
**Corequisites:** Nil
**Credit points:** 12
**Campus offered:** GP
**Semester offered:** 1

**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 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
**Corequisites:** Nil
**Credit points:** 12
**Campus offered:** GP
**Semester offered:** 1

**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 contextualised by the supervised individual advanced research. The two are combined into a single unit in order to encourage synthesis between research and professional activities. The unit is an extension of the study completed in DBP415 Professional Practice or Research Project in the Graduate Diploma in Urban and Regional Planning and will normally be linked to the student/staff seminars in DBP503 Masters Seminar.

**Courses:** PS70
**Prerequisites:** DBP415
**Corequisites:** Nil
**Credit points:** 24
**Campus offered:** GP

**DBP503 MASTERS SEMINAR**
In order to derive full benefit from their advanced study, Master of Urban and Regional Planning students take a structured period of professional practice or research contextualised by the supervised individual advanced research. The two are combined into a single unit in order to encourage synthesis between research and professional activities. The unit is an extension of the study completed in DBP415 Professional Practice or Research Project in the Graduate Diploma in Urban and Regional Planning and will normally be linked to the student/staff seminars in DBP503 Masters Seminar.
UNIT SYNOPSIS

their studies for issues of major planning signifi-
cance. This unit thus provides an integrated for-
um to give students core to the Masters Program, linking individual dissertations and professional practice experience to a wider com-
temporary context.

Courses: PS70
Prerequisites: DBP502, DBP414
Contact hours: 4 per week
Campus offered: GP Semester offered: 1
► EAB380 EARLY CHILDHOOD SCIENCES, MATHEMATICS & TECHNOLOGY
Overviews of early childhood science, social studies and maths topics, concepts and proc-
eses; investigation of appropriate monitoring strategies which can be used to facilitate and monitor development in early childhood settings; in which early childhood environments can be organised to support integrated, active, inquiry learning, with relevant resources from the im-
mediate classroom, the outdoors, families and the local neighbourhood.

Courses: ED5
Credit points: 12 Contact hours: 3 per week
► EAB335 EARLY CHILDHOOD EDUCATION: COMMUNITY CONTEXT
Education and change in a post-modern society; the ways in which they can be used to construct their complex and diverse nature of Australian society; the role of policy making in meeting the educational challenges of the 1990s.

Courses: ED5
Credit points: 12 Contact hours: 3 per week
► EAB345 EARLY CHILDHOOD CURRICULUM: LANGUAGE & ARTS EDUCATION
Introduces students to the theory, issues and practices involved in planning for fostering and teaching of linguistic and artistic development in a range of early childhood educational contexts.

Courses: ED5
Credit points: 12 Contact hours: 3 per week
► EAB346 EARLY CHILDHOOD CURRICULUM: SCIENCE, SOCIETY & THE ENVIRONMENT
Teacher's knowledge and understanding of sci-
ence and its influences and applications; broad, multidisciplinary approaches to scientific and social studies; strategies 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
Credit points: 12 Contact hours: 4 per week
► EAB347 EARLY CHILDHOOD CURRICULUM: ARTS

Theories and understanding of children's concep-
tual development; application of active inquiry processes to further concept development in mathematics; foundational concepts in mathe-
matics and the development of appropriate learn-
ing and teaching opportunities; use of language in children activities in the context of number; role and use of technology in processes for learning and understand-
ing.

Courses: ED26, ED43, ED44, ED52, ED53, ED57, IF81, IF83
Credit points: 12 Contact hours: 4 per week
► EAB348 EARLY CHILDHOOD CURRICULUM: MUSIC, DANCE AND DRAMA
Introductory principles, practices, philosophies and theories in the visual and performing arts as they relate to young children in various early childhood contexts; the arts as a way of knowing and communicating; use of contemporary; overview of artistic development from birth to adoles-
cence; the arts, culture, education and the young child; elementary concepts in the visual arts, music, drama, movement and dance with spe-
cific emphasis on the visual arts; the develop-
ment of the arts for children in early childhood settings; assisting artistry with chil-
dren under five years of age and with school-
aged children.

Courses: ED43, ED44, ED52, ED53, ED57, IF81, IF83
Credit points: 12 Contact hours: 4 per week
► EAB350 ADVANCED EARLY CHILDHOOD LITERACY & NUMERACY IN THE EARLY YEARS
Observation, assessment and diagnosis of the lit-
eracy and numerical development 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 examina-
tion of teaching approaches and resources in lit-
eracy and numerical education.

Courses: ED43, ED52
Prerequisites: EAB345, EAB347
Credit points: 12 Contact hours: 4 per week
► EAB351 FAMILY STUDIES & EARLY CHILDHOOD EDUCATION
Current social contexts and issues affecting families with young children, including em-
ployment patterns, unemployment, poverty, ine-
quity and social justice, ideology of family, cultural diversity, particularly from the perspec-
tives of Aboriginals and Torres Strait Islanders, and the influence of technology; reciprocal so-
cial and family influences.

Courses: ED43, ED44, ED52, ED53
Credit points: 12 Contact hours: 3 per week
► EAB360 EARLY CHILDHOOD DRAMA IN EDUCATION
Drama as a developmental process that assists young children's understanding of themselves and their ability to use language to shape and communicate their thoughts and feelings. Drama also plays a significant role in a child's ability to put themselves imaginatively into someone else's situation, explore roles and relationships and re-
fect upon their own experience. Drama in the context of early childhood can be interpreted in several ways. This unit will explore some of these interpretations from the very informal to the highly formal. It will examine drama as a way of knowing and learning for young children, to explore the modes, elements and concepts of drama through an experiential base.

Courses: ED52
Credit points: 12 Contact hours: 3 per week
Campus offered: KG
► EAB361 STORYTELLING IN EARLY CHILDHOOD
A major consideration for the teacher of early childhood is to provide children with rich ex-
periences of 'storying'. This unit will introduce students to the values of storytelling with young children; the selection of appropriate children's literature suitable for storytelling; various story-
telling 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: ED52
Credit points: 12 Contact hours: 3 per week
Campus offered: KG
► EAB362 ETHICAL RESPONSIBILITIES IN EARLY CHILDHOOD
In depth examination of ethical responsibilities of early childhood educators; historical overview of ethical trends in legislation and practice re-
lating to young children; current issues in chil-
dren's rights; professional ethics and the respon-
sibility of early childhood educators to children, their families, colleagues and the profession; advocacy for young children; case studies relating to children's rights issues and dilemmas.

Courses: ED52
Credit points: 12 Contact hours: 3 per week
Campus offered: KG
► 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 curricu-

lum for young children will be considered in the light of theories and research that suggest that children can construct their own understandings and meanings of the world into which and society in relation to childcare, kindergar-
ten-preschool and lower primary settings will be considered. Practical strategies for setting up and evaluating curricula will be explored, methods for evaluating teaching and learning will be in-
cluded.

Courses: ED43, ED44, ED53
Credit points: 12 Contact hours: 3 per week
► EAB364 ACADEMIC AND PROFESSIONAL COMMUNICATION
Develops an understanding of the general proc-
esses of communication in an academic and pro-
fessional 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, ED53
Credit points: 12 Contact hours: 3 per week
► EAB410 EARLY EDUCATION: FOUNDATING 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 needs, interests and family aspirations; issues associated with multi-
grouping, play, parent partnerships, child led and shared ownership of resources; reflection of current practices and reflection on per-
sonal professional knowledge.

Courses: ED20, ED26
Credit points: 12 Contact hours: 3 per week
► EAB411 EARLY EDUCATION: LITERACY
A study of current understandings about the na-
ture of literacy, literacy development in early
childhood and the ways in which this develop-
ment can be fostered both within the home and at centre level educational and care settings. The broad topic areas addressed comprise language foundations, processes and patterns of develop-
ment, the classroom context and program develop-
ment. Students are expected to build on their preservice studies in the area of language and lit-
eracy development and learning.

Courses: ED26
Credit points: 12 Contact hours: 3 per week
► EAB412 ADVANCED INTEGRATED EARLY CHILDHOOD CURRICULUM
Examination of key ideas informing holistic cur-
riculum approaches; theories and practices asso-
ciated with play in the curriculum in all early child-
hood settings, and particular emphasis on the primary school; implications of implementing an
inclusice 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
Credit points: 12 Contact hours: 4 per week

► EAB413 MANAGEMENT OF EARLY CHILDHOOD SERVICES
General management theory and practice; organization styles; management of various early childhood services; setting policies and planning for services; implementing day-to-day tasks and operations; managing and working with the broad range of child and collaborative approaches to management; teamwork and decision-making; ethical issues and conduct; and practical workplace services for young children from all cultural and social contexts.

Courses: ED20, ED43, ED44, ED52, ED53, ED55
Credit points: 12 Contact hours: 3 per week

► EAB414 RESEARCH IN EARLY CHILDHOOD DEVELOPMENT & EDUCATION
Research design and methodology; qualitative and quantitative research; ethical issues in the conduct of the research process with young children engaged with the children; awareness and understanding of the research process from development of proposal, through conduct of research and analysis and the writing to the writing of the thesis. Introduction to and involvement in processes of self-evaluation. Students will be involved in a practising research experience in the major research of the tutor.

Courses: ED43, ED52
Credit points: 12 Contact hours: 4 per week

► 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 resources files for teaching and referral; models of parent-professional communication; evaluation of community programs; careers in early childhood services and education.

Courses: ED43, ED52
Credit points: 12 Contact hours: 4 per week

► EAB416 EARLY CHILDHOOD ART EDUCATION
Historical and contemporary trends in art education; philosophy and practice in early childhood visual arts; in-depth exploration of young children's artistic development and learning; assessment and evaluation of visual arts in early childhood; methods of recording and record-keeping; studio art experiences; curating early childhood; methods of reporting and reflective communication; and linking early childhood programs in early childhood and beyond, such as, museums, science centres, art galleries, zoos, and aquaria. Explores the nature and character of 'museum learning' and examine ways in which teachers might optimize these experiences and children's experiences in and beyond museum settings.

Courses: ED43, ED50, ED51, ED52, ED54, ED55, IF70-IF79
Credit points: 12 Contact hours: 3 per week

► EAB440 WORKING WITH PARENTS & COMMUNITY IN EARLY CHILDHOOD
Parental roles in childhood; review of research on child rearing; the use of interpersonal skills in relation to parents; planning for parent involvement; preparation of parent resource books; resources for parents; meeting the needs of parents and program; future trends.

Courses: ED43, ED45, ED52, ED62
Credit points: 12 Contact hours: 3 per week

► EAB442 MOTOR AND SOCIAL DEVELOPMENT IN EARLY CHILDHOOD
The role of observation and child study in the practice of early childhood teachers and an introduction 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 development of the motor system in the development of self-esteem, self-efficacy, and gender identity; early relationships, social competence and pro-social behaviour; the role of play in fostering children's physical and social development and the early childhood teachers' role in facilitating engagement in play.

Courses: ED43, ED52, ED57, IF81, IF83
Credit points: 12 Contact hours: 3 per week

► Incompatible with: EAB341, EAB343

► EAB443 COGNITIVE 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 the development of musical, perceptual and cognitive processes; analysis of observational data to plan for children linguistically, perceptually and socially.

Courses: ED26, ED43, ED52, ED57, IF81, IF83
Credit points: 12 Contact hours: 3 per week

► Incompatible with: EAB341, EAB343

► EAB444 INCLUSIVE PRACTICES IN EARLY CHILDHOOD
The historical and philosophical background to early childhood special education; legal, ethical and empirical bases for inclusive programs; the nature of special needs in intellectual, sensory, physical and social-emotional domains; observations and record-keeping in inclusive early childhood programs; assessment practices across disciplines and ethics in reporting information; theoretical principles and practices in an inclusive early childhood curriculum, incorporating behavioural and developmental approaches; practices and environmental design that support children's play and engagement with materials and peers; communicating and working with families to meet children's and families' needs; working with professionals across agencies to use community resources and support agencies effectively.

Courses: ED20, ED43, ED44, ED52, ED53, ED57, IF81, IF83
Credit points: 12 Contact hours: 3 per week

► 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
Prerequisites: EAB442, EAB443, EAB444
Corequisites: EAB445
Credit points: 12 Contact hours: 4 per week

► EAN601 EARLY CHILDHOOD TEACHERSKNOWLEDGE 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 & 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 education contexts; critical discussion of key findings of developmental research and the implications of this knowledge for early childhood education.

Courses: ED13, ED11
Credit points: 12

► EAN604 YOUNG CHILDREN, FAMILIES & 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:

Credit points: 12
► EAN607 CONSULTATION & TEAMWORK
Analysis of typical professional consultancy and teamwork contexts within education and early childhood services, including contributions from other disciplines (for example medicine, psychology, social work, social welfare, law) and agencies (for example health, community services, police); theoretical and practical understanding of intra- and interpersonal qualities which affect on consultancy and teamwork; theory and application of group development processes related to effective task accomplishment. Factors impacting on the quality of interdisciplinary and interagency teamwork; strategies for reviewing and improving consultation and teamwork.

Credit points: 12
► EAN608 CONSTRUCTIONS OF CHILDHOOD & 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 enabling students to embrace the idea of childhood held with respect to childhood and early education; consideration of how conflicting ideas within the field, of 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 about a range of resources that support inclusion.

Courses: ED13, ED11
Credit points: 12
► EAN610 EARLY CHILDHOOD LANGUAGE, 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 influences that underpin teaching practices and assessment processes so that they are able to integrate classroom and individual learning experiences across curriculum areas and age groups.

Courses: ED17
Credit points: 12
Contact hours: 3 per week
► EAN611 EARLY CHILDHOOD NUMERACY, 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
Credit points: 12
Contact hours: 3 per week
► 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 and identifying 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
Credit points: 12
Contact hours: 3 per week
► 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
Credit points: 12
Contact hours: 3 per week
► 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
Incompatible with: EAP528
► 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 curricula within various early childhood settings; analysis of teaching strategies.

Courses: ED20
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 development and ethics.

Courses: ED20
Corequisites: EAP534
Credit points: 12
Incompatible with: EAP525
► 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
Incompatible with: EAP526
► EAP537 CONTEXTS OF EARLY CHILDHOOD EDUCATION
Examination of the bases and scope of education in early childhood; history of psychological theories, curriculum models, policies and programs; case studies of early childhood programs.

Courses: ED20
Credit points: 12
Incompatible with: EAP530
► 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 work in one aspect of development and learning of children aged three to eight years; contributions to early childhood research from other fields.

Courses: ED20
Credit points: 12
Incompatible with: EAP531
► 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 information technology and legal obligations; analysis of procedures and techniques for case studies; formulating a personal philosophical statement.

Courses: ED20, ED23
Credit points: 12
Incompatible with: EAP532
► EDB400 FIELD EXPERIENCE 1
Part 1 (On-Campus) provides a background for students preparing to embark on field experience. The focus is on learning styles, types of knowledge, accelerated and integrated learning, the mentorship process, professional identity and self-directed learning. In Part 2 (In-Field), students learn how to plan and promote a learning environment that meets the needs of a target group, and the planning and promotion of appropriate training strategies.

Courses: EDB54
Credit points: 12
Contact hours: 10 to 20-day placement; pre- and post-tutorials 1-3 hrs/wk for 7 weeks
► 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: EDB54
Prerequisites: EDB400 Corequisites: EDB401
Credit points: 12
Contact hours: 20-day placement; pre- and post-tutorials
► 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 review and improve existing training programs and develop assessment tools in specific contexts. Students also learn how to employ the above components in practice.

Courses: EDB54
Prerequisites: EDB400
Credit points: 12
Contact hours: 20-day placement; pre- and post-tutorials
► 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 will assist them to become effective trainers/educators.

Courses: EDB54
Prerequisites: EDB400, EDB401, EDB402
Credit points: 12
Contact hours: 20-day placement; pre- and post-tutorials
► 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 finding, evaluating and using the processes and techniques of research. Students will be made aware of the variety of research cultures and theoretical perspectives, and to be informed of the research findings of others. Students will be made aware of the variety of research cultures and theoretical perspectives, and to be informed of the research findings of others.

Courses: ED50, ED51, ED52
Credit points: 12
Incompatible with: EDN611, SPB009
► EDB411 DISSERTATION
This unit builds on the developments achieved 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 the 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.

Prerequisites: EDB410
Credit points: 36

► EDB420 EARLY CHILDHOOD PROFESSIONAL PRACTICE: CHILD ORIENTATION

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 observation and assessment, and problem solving by children of this age. Twenty days of practicum.

Courses: ED43, ED52, ED57, IF81, IF83
Credit points: 12
Contact hours: 2.5 per week
Incompatible with: EAB351

► EDB421 EARLY CHILDHOOD PROFESSIONAL PRACTICE: LOWER PRIMARY

Development of planning and teaching strategies, with particular focus upon children aged four to seven years. Emphasis: from observations to planning; discourse practices and classroom management; working in groups; policies; syllabi and resources appropriate to the age group; literacy; numeracy; handwriting; twenty days in lower primary classrooms.

Courses: ED45, ED53, ED57, IF81, IF83
Credit points: 12
Contact hours: 2.5 per week
Incompatible with: EAB352, PRB340

► EDB422 EARLY CHILDHOOD PROFESSIONAL PRACTICE: PRESCHOOL KINDERGARTEN

Planning and implementation of teaching strategies appropriate for children attending preschool kindergartens; management of problems arising between children; classroom management practices; record-keeping; reporting to and relationships with parents and professional colleagues; twenty days of supervised practice.

Courses: ED45, ED53, ED57, IF81, IF83
Credit points: 12
Contact hours: 2.5 per week
Incompatible with: EAB353

► EDB423 EARLY CHILDHOOD PROFESSIONAL PRACTICE: CHOICE

Refining teaching and learning, and working collaboratively with children, parents and colleagues in early childhood contexts; students reflect on development of own practices; role models; cultural diversity; issues around ethics, advocacy for young children, policy development and administration; curriculum vitae and development of self in an early childhood setting of the student choice.

Courses: ED45, ED53, ED57, IF81, IF83
Credit points: 12
Contact hours: 2.5 per week
Incompatible with: EAB420, EDB421, EDB422

► EDB430 PRIMARY PROFESSIONAL PRACTICE 1: CLASSROOM MANAGEMENT

Provides an introduction to professional practice in education and gives a foundation for further development of teaching and learning. Emphasis on specific subject curricula 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 teacher’s role to be introduced and applied with classroom management. Includes 10 single days in a primary school.

Courses: ED51, ED56, IF82, IF84
Credit points: 12
Contact hours: 2.5 per week
Incompatible with: EAB354

► EDB431 PRIMARY PROFESSIONAL PRACTICE 2: CURRICULUM DECISION MAKING

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 and curriculum implementation and curriculum evaluation are investigated to refine daily, weekly and term programming. Participation 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
Credit points: 12
Contact hours: 2 per week
Incompatible with: EDB430

► EDB432 PRIMARY PROFESSIONAL PRACTICE 3: THE INCLUSIVE CURRICULUM

Addresses the social, political and material relations that exist in the classroom curriculum, with an examination of the range of issues and possibilities that exist in the conceptualising and operationalising 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
Credit points: 12
Contact hours: 12 per week
Incompatible with: EDB433

► EDB433 PRIMARY PROFESSIONAL PRACTICE 4: REFLECTIVE PRACTICE

Prior to the Professional Internship, students need to synthesise the range of skills, attitudes and knowledge sources that they have experienced through the coursework, test their position into professional practice. This unit aims to undertake this goal through further developing teachers as reflective practitioners, taking responsibility for the shaping of their professional practice from their own perspective. Includes 30 days of practice teaching in a primary school.

Courses: ED51, ED56, IF82, IF84
Credit points: 12

► EDB440 INDEPENDENT STUDY

A minor research project that provides students with an opportunity to extend, synthesise and analyse knowledge from core and elective units with an opportunity to extend, synthesise and analyse knowledge from core and elective units with an opportunity to extend, synthesise and analyse knowledge from core and elective units with an opportunity to conduct educational research. Structured to encourage students to follow their own interest under the supervision of individual lecturers. 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 professionals in educational diagnosis and an inversed diagnostic 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: ED23, ED26, ED43, ED50, ED51, ED52, ED54, ED55, ED61
Credit points: 12

► EDB442 INTEGRATED PROFESSIONAL SEMINARS

Designs a package of seminars that provides professional preparation for students who plan to work in an area of educational management interest, which allows students to complete their work in a program in one-week-long seminars. Includes 30 days of practice teaching in a secondary school.

Courses: ED23, ED26, ED43, ED50, ED51, ED52, ED54, ED55, ED61
Credit points: 12

► EDB443 PROFESSIONAL INTERNSHIP OF ASSOCIATE TEACHING

The Professional Internship is a period of associated teaching in schools under the guidance of a teacher mentor. Authorisation to teach is provided by the Queensland Board of Teacher Registration. State and federal initiatives in curriculum are examined with reference to 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 with classroom management and curriculum development in practical settings. Includes 10 single days in a school.

Courses: ED50, ED55, IF70-79
Credit points: 12
Contact hours: 2 per week
Incompatible with: EDB451

► 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
Credit points: 12

► EDB452 SECONDARY PROFESSIONAL PRACTICE 3: THE INCLUSIVE CURRICULUM

Addresses the social, political and material relations that exist in the classroom curriculum, with an examination of the range of issues and possibilities that exist in the conceptualising and operationalising of the inclusive curriculum. Critical analysis of classroom practices and possibilities that exist in the conceptualising and operationalising 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 secondary school.

Courses: ED50, ED55, IF70-79
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 through, for example, a critical literature review, an extended professional practice units and coursework; Grade point average: 5.0 or above

Courses: ED31, ED11, ED61
Credit points: 12

► EDB501 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, ED14, ED11, ED61, ED67
Credit points: 12

► EDB503 INDEPENDENT STUDY

Offers students an opportunity to extend, synthesise and analyse knowledge from core and elective units through, for example, a critical literature review, an extended professional practice units and coursework; Grade point average: 5.0 or above

Courses: ED13, ED14, ED11, ED61, ED67
Credit points: 12

► EDB504 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, an extended professional practice units and coursework; Grade point average: 5.0 or above

Courses: ED13, ED14, ED11, ED61, ED67
Credit points: 12

► EDB610 UNDERSTANDING EDUCATIONAL RESEARCH

The foundation unit for students undertaking 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: 24

► EDB610 UNDERSTANDING EDUCATIONAL RESEARCH

The foundation unit for students undertaking 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

► EDB612 CONDUCTING EDUCATIONAL RESEARCH

Building on the understandings developed in EDB611, 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 se-
UNIT SYNOPTES

lected designs and methods with a view to pro-
ducing an initial research proposal. 
Course 1325:3 Prerequisites: EDN611 OR equivalent OR 
permission of Coordinator 
Credit points: 12 
► EDN620 DISSERTATION 
Designed to enable students to develop their re-
search potential through following up a research 
design. Advances the student’s ability to re-
search, to produce a significant piece of written 
research in the form of a dissertation. 
Courses: ED17, ED18, ED19 
Prerequisites: EDN612 
Credit points: 36 
► EDN621 PROFESSIONAL PRACTICE 1: 
LEARNERS AND TEACHERS IN 
CONTEXT 
Integration of knowledge of learning, develop-
ment and contexts, with knowledge of the cur-
riculum, in order to plan and implement learning 
episodes that are responsive to the needs of indi-
vidual learners. The central role of communica-
tion in successful implementation of planned 
learning activities will be explored. A practicum 
(3 single days and 10 days block) in the Area of 
Specialisation (Early Childhood, Primary, Sec-
ondary) will provide first hand experience of the 
curriculum and of specific teaching and learning 
contexts. 
Courses: ED17, ED18, ED19 
Credit points: 12 
Contact hours: 3 per week 
► EDN622 PROFESSIONAL PRACTICE 2: 
CLASSROOM MANAGEMENT AND 
INTRODUCTION TO PROFESSIONAL 
PRACTICUM 
This unit builds on the first Professional Practice 
unit. It affords opportunity for approaches, 
strategies and skills associated with the practis-
ing teacher’s role to be introduced and applied 
within the ambit of classroom management with 
reference to the concepts of the teacher as com-
municator, 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 prac-
tice teaching. 
Courses: ED17, ED18, ED19 
Prerequisites: EDN621 
Credit points: 12 
Contact hours: 3 per week 
► EDN623 PROFESSIONAL PRACTICE 3: 
CHANGE, DIFFERENCE AND 
INCLUSIVITY 
This unit will critically consider both the con-
straining and enabling factors impacting on the 
conceptualisation and implementation of change 
processes with respect to inclusive curriculum and 
professional practice. It will be done through prac-
ticum using a number of learning modes includ-
ing literature reviews, presentation of current 
research, and critical analysis of re-
search 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 
Credit points: 12 
Contact hours: 3 per week 
► EDN624 PROFESSIONAL PRACTICE 4: 
CURRICULUM DECISION MAKING 
A Study in Curriculum Leadership 
The development, planning and evaluation of curricula may take place within a variety of 
teaching and learning contexts and with learners 
that are culturally, socially and materially posi-
tioned in learning that requires a responsibility 
to difference. Responsive and inclusive curriculum 
development requires the knowledge and 
leadership skills of those who lead the creation 
and implementation of curriculum. This unit will be 
open to those students who are new to the field of 
curriculum leadership and to those who wish to 
move into this area of work. 
Courses: ED17, ED18, ED19 
Credit points: 12 
► EDN625 PROFESSIONAL INTERNSHIP 
AND FIELD PROJECT 
This unit is a six week school-based professional 
development program designed to prepare stu-
dents about to graduate for the exigencies of be-
ing beginning teachers. It involves opportunities 
to practise over an extended period of time as if 
they were beginning teachers; support and guid-
ance are provided by experienced and mentor teach-
ers in collaboration with university advisers. The 
unit will conclude with an intensive mini-
conference. 
Courses: ED17, ED18, ED19 
Prerequisites: EDN624 
Credit points: 12 
Contact hours: 3 per week 
► EDN626 LEARNING AND TEACHING 
IN HIGHER EDUCATION 
Focuses on theories of teaching and learning as 
they have evolved to the present day. It encour-
gages a critical approach to pedagogical/andra-
gogical theories. 
Courses: ED13, ED161 
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 con-
text of the partnerships, social, governmental, organisa-
tional and economic issues which have affected 
post-compulsory education at international, na-
tional and institutional levels. 
Courses: ED13, ED161 
Credit points: 12 
► EDN628 POSTGRADUATE RESEARCH 
SUPERVISION 
This unit is designed to enhance new and experi-
enced supervisors' knowledge of different ap-
proaches to supervision, the teaching and 
learning processes involved in effective supervi-
sion, the generic skills research graduates need 
to develop during their candidature, and the pol-
cy context within which supervisors operate in 
your universities and within the global higher 
education sector. 
Courses: ED13, ED161 
Credit points: 12 
► EDN629 PRESENTATION AND 
DELIVERY MODES IN HIGHER 
EDUCATION (1-9) 
Teachers in higher education need a range of 
presentation approaches appropriate to the needs 
of their various student groups, and to the learning 
styles of individual students. This unit aims to 
hone your skills in presentation and delivery, 
and allow you to explore the values and theo-
retical frameworks that underpin each mode of 
delivery, and the effectiveness of various modes as 
revealed through research and practice. 
Courses: ED13, ED161 
Credit points: 12 
► EDN630 HIGHER EDUCATION: 
CURRICULUM DESIGN, ASSESSMENT 
AND EVALUATION 
This unit will introduce participants to key con-
cepts underpinning contemporary curriculum de-
sign, development, assessment and evaluation in 
rapidly changing higher education contexts. Stu-
dents will be required to critique, reconstruct and 
thorise curriculum thinking and practices in 
specific contexts at the levels of design, devel-
opment, assessment and evaluation. 
Courses: ED13, ED161 
Credit points: 12 
► EDP508 PRACTICUM IN EARLY 
CHILDHOOD 1 
Observation, recording, implementation and 
evaluation of curriculum for children in early 
childhood; communication with children, parents 
and colleagues; the organisation of demonstra-
tional and assessment skills in an early child-
hood 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 evalu-
ation of programs for children in the early child-
hood age range; communication with children, 
parents and colleagues; increased responsibility 
for control and management of a child-
hood setting; catering for children in the early 
childhood age range. Includes 10 days of practi-
cum. 
Courses: ED20 
Prerequisites: EDP508 
Credit points: 6 
► EDP514 FIELD PROJECT 
An applied action research project focusing on 
the development of a management-oriented pro-
gram; the delivery and evaluation of the program 
within an existing educational service. 
The Extended Field Project occurs within a 
research report with greater breadth and depth 
than the 12 credit point Field Project. 
Courses: ED23 
Credit points: 24 
Incompatible with: EDP514 
► EDR702 THESIS (1-9) 
Provides students with an opportunity to extend 
and synthesise knowledge from the coursework 
section; allows the coursework component to 
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 prac-
tice. 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 participate in the thre-
earrived steps. Namely, Step A Thesis 
Preparation; Step B Thesis Confirmation of 
Candidature; and Step C Thesis Implementation. 
Courses: ED111 
Credit points: 216 (24 each) 
► EDR703 INTERDISCIPLINARY 
EDUCATION STUDIES (ADVANCED 
DIPLOMA) (NARS) 
A reading and seminar program that aims to 
broader and deepen the student's initial perspec-
tives drawn from a number of disciplines; seeks 
to provide a context of learning for 
practitioners who seek the personal and profes-
sional benefits that the broadening and deepen-
ing of their professional knowledge affords. 
Courses: ED111 
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 prac-
tice. 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 re-
quired steps. Namely, Step A Thesis 
Preparation; Step B Thesis Confirmation of 
Candidature; and Step C Thesis Implementation. 
Courses: ED111 
Credit points: 108 (12 each) 
► ED212 ELECTRICAL & COMPUTER 
ENGINEERING I 
The unit comprises two modules: Electric Cir-
cuits and Introductory Computing. The first 
covers fundamental principles of electrical cir-
cuits and network laws, response to sinusoidal 
sources, and circuit measurements. The second 
covers fundamental concepts in using computers 
and programming, techniques for writing correct 
and efficient programs.
### Courses: EEB41, EEB42, EE48, IF21, IF28, IF59
**Prerequisites:** Nil  
**Corequisites:** Nil  
**Credit points:** 12  
**Contact hours:** 5 per week

**EEB130 INTRODUCTION TO AVIONICS**  
The unit introduces students to Avionics in a multi-disciplinary approach. It focuses primarily on avionics, and circuitry, and flight simulation. The unit introduces students to Avionics in a multi-disciplinary approach. It focuses primarily on avionics, and flight simulation.

### Courses: EEB41, EEB46, EE47
**Prerequisites:** EEB212 or EEB213  
**Corequisites:** Nil  
**Credit points:** 12  
**Contact hours:** 5 per week

**EEB131 ELECTRICAL CIRCUITS & MEASUREMENTS**  
The unit covers fundamental electrical quantities, Kirchoff's laws, direct current and alternating current, response of RLC circuits to the input and sinusoidal sources, Thévenin 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 of practical experiments.

### Courses: EEB41, EEB42, IF21, IF28, IF59
**Prerequisites:** EEB117  
**Corequisites:** Nil  
**Credit points:** 12  
**Contact hours:** 5 per week

**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, PLCs, and operational amplifier circuits and applications.

### Courses: ME36, ME41, ME42, ME48, IF57
**Prerequisites:** EEB117  
**Corequisites:** Nil  
**Credit points:** 12  
**Contact hours:** 4 per week

**EEB311 ELECTRICAL MEASUREMENT & MACHINES**  
The modules Electrical Measurements and Instrumentation to Mechanical, Electrical and Navigational Systems introduce the principles of electrical measurements and instrumentation. The modules Motor Control introduces the principles of single phase and three phase transformers, motors, sensors, PLC's, DSC, and industrial networks. Simple phase and three phase transformers, electric machines (motors) including electromechanical energy conversion, reluctance motors, induction motors, D.C. machines, synchronous motors, and control of motors, control and heating and cooling.

### Courses: EEB41
**Prerequisites:** EEB 212 or EEB213  
**Corequisites:** Nil  
**Credit points:** 12  
**Contact hours:** 4 per week

**EEB312 ANALOG & DIGITAL ELECTRONICS**  
Module Electronics A provides a basic understanding of the characteristics and operation of discrete semiconductor components, Electronic components and devices, and with emphasis on the small signal low and high frequency response of those circuits. Module Digital Electronics covers students to a grounding in the basic principles of digital design, with particular regard to the fundamentals of digital number systems, Boolean algebra, combinational and sequential logic design.

### Courses: EEB41, EEB46, EE47
**Prerequisites:** EEB212 or EEB213  
**Corequisites:** Nil  
**Credit points:** 12  
**Contact hours:** 5 per week

**EEB340 INTRODUCTION TO TELECOMMUNICATIONS**  
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 classical feedback control theory, analysis and synthesis. The second module covers power generation, and energy sources, electricity market operation, fault calculation, energy protection, and power system operation, in particular real and reactive power control.

### Courses: EEB41, EEB42
**Prerequisites:** EEB311 and MAB132  
**Corequisites:** Nil  
**Credit points:** 12  
**Contact hours:** 4 per week

**EEB411 CLASSICAL CONTROL & POWER GENERATION**  
The unit comprises the modules Control Systems and Power Systems. It instils the foundation of feedback control theory for engineers and introduces the student to classical feedback control theory, analysis and synthesis. The second module covers power generation, and energy sources, electricity market operation, fault calculation, energy protection, and power system operation, in particular real and reactive power control.

### Courses: EEB41, EEB42
**Prerequisites:** EEB311 and MAB132  
**Corequisites:** Nil  
**Credit points:** 12  
**Contact hours:** 4 per week

**EEB412 ADVANCED ELECTRONICS & 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 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: EEB41, EEB46, EE47
**Prerequisites:** EEB312  
**Corequisites:** Nil  
**Credit points:** 12  
**Contact hours:** 5 per week

**EEB435 CLASSICAL FLIGHT CONTROL SYSTEMS**  
The unit consists of the modules Control Systems A and Basic Space Technology. It instils the foundation of feedback control theory for engineers and introduces the student to classical feedback control theory, analysis and synthesis. The second module covers the synthesis and analysis of launch trajectories and simple planetary and satellite orbits.

### Courses: EEB48
**Prerequisites:** EEB130, EEB212, MMB251  
**Corequisites:** Nil  
**Credit points:** 12  
**Contact hours:** 4 per week

**EEB440 CLASSICAL SIGNAL PROCESSING**  
The unit covers the area of Signals in Linear Systems with a study of Fourier theory applied to analog signals and to the analysis of linear systems will be given. Systems will be represented in time as well as in frequency and various characteristics and relationships in the two domains will be discussed. Furthermore, circuits and filters will be introduced such as the Butterworth, Chebychev type, sample and hold, and discrete-time signal processing will be briefly introduced at the end of the unit.

### Courses: EEB440  
**Prerequisites:** EEB340, MAB134  
**Corequisites:** MAB135  
**Credit points:** 12  
**Contact hours:** 4 per week

**EEB511 MODERN CONTROL & 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 supply, and power switching components.

### Courses: EEB41, EEB42
**Prerequisites:** EEB411  
**Corequisites:** Nil  
**Credit points:** 12  
**Contact hours:** 4 per week

**EEB521 DIGITAL SYSTEMS AND CONTROL**  
The unit comprises the modules Control Systems B and Control Systems C. Digital Systems is an introduction to digital systems. Digital 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. The practical application of these circuits including interfacing and environment factors will be considered.

### Courses: EEB41, EEB46
**Prerequisites:** EEB412, EEB435  
**Corequisites:** Nil  
**Credit points:** 12  
**Contact hours:** 4 per week

**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 the 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: EEB48
**Prerequisites:** EEB412, EEB435  
**Corequisites:** Nil  
**Credit points:** 12  
**Contact hours:** 4 per week

**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: EEB41, EEB46, EE47
**Prerequisites:** EEB440  
**Credit points:** 12  
**Contact hours:** 4 per week

**EEB566 REAL-TIME COMPUTER-BASED SYSTEMS**  
Real-time system requirements, operating system internals, concurrent processes, mutual exclusion, deadlock, memory management, file systems, device drivers, process scheduling, real-time scheduling algorithms, execution time predictions, characteristics. Design of real-time operating systems and real-time languages, real-time system design.

### Courses: EEB46
**Prerequisites:** EEB412, ITB421  
**Corequisites:** Nil  
**Credit points:** 12  
**Contact hours:** 4 per week
UNIT SYNOPSIS

► EEBS54 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: EE48 Credit points: 12 Contact hours: 1 per week Semester offered: 1

► EEBS650 POWER SYSTEMS ANALYSIS

Courses: EE41, EE42

Prerequisites: EEBS11 Corequisites: Nil
Credit points: 12 Contact hours: 4 per week Semester offered: 1

► EEBS660 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 Credit points: 12 Contact hours: 1 per week Semester offered: 1

► EEBS612 SOFTWARE SYSTEMS DESIGN
The unit introduces students to Software Engineering by considering a whole Software Lifecycle. It is treated as a discipline in its own right, such as concept phase, requirement definition, software design, human-computer interaction, implementation, audits, and maintenance. Software design principles and techniques are presented as well as real-time system design. CASE development tools are briefly introduced as well as object oriented programming for which a structured Object Oriented Analysis and Design is considered.

Courses: EE41, EE46

Prerequisites: Nil Corequisites: Nil
Credit points: 12 Contact hours: 4 per week Semester offered: 2

► EEBS640 DIGITAL SIGNAL PROCESSING
The unit covers 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 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: EEBS40, MAB135
Corequisites: Nil
Credit points: 12 Contact hours: 4 per week Semester offered: 2

► EEBS641 FIELD TRANSMISSION & PROPAGATION
Fundamental concepts of static and time varying electromagnetic fields; Maxwell’s equations and the characteristics of their solution, such as wave equations, modes 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, Friis’s transmission equation, half-wave dipole, two-element array.

Courses: EE41, EE47

Prerequisites: MAB135 Credit points: 12 Contact hours: 4 per week Campus Offered: GP Semester offered: 1

► EEBS650 POWER SYSTEMS ANALYSIS

Courses: EE41, EE42
Prerequisites: EEB560, EEB640, EEB641
Credit points: 12 Contact hours: 4 per week
Semester offered: 2
► EEB860 NAVIGATION SYSTEMS FOR AIRCRAFT & SPACE
Avionics navigation systems have been para-
meters to determine position, speed, and altitude.
The project may include designing and testing of
location, GPS, and INS systems, air traffic
navigation, and avionics interfaces and navigation
displays.
Corequisites: EEB560, EEB641
Credit points: 12 Contact hours: 4 per week
Semester offered: 2
► EEB889 PROJECT
An engineering project on a specified topic is
completed; the work will require design, con-
struction, experimental work and practical testing with the submission of appro-
priate 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: EEE41, EEE42, IF21, IF28, IF59, EEE46, EEE47
Corequisites: The project must have completed the first three years of the course.
Corequisites: This unit must be done in the final year of the course.
Credit points: 24 Contact hours: 1 per week
► EEB904 ADVANCED TOPICS IN ELECTRICAL ENGINEERING A
This unit introduces students to the current tech-
nology 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: EEE41, EEE42, EEE48, IF21, IF28, IF59
Corequisites: As required
Credit points: 12 Contact hours: 4 per week
Semester offered: GP
► EEB911 ELECTRICAL ENERGY SYSTEMS
This subject consists of three modules drawn from courses in generation, transmission and distribution.
Corequisites: EEB584
Credit points: 12 Contact hours: 4 per week
Semester offered: GP
► EEB941 MODERN SIGNAL PROCESSING
This unit gives a comprehensive introduction to the representation and processing of signals dis-
torted or corrupted by noise, and the systems needed to process them. Techniques for estimat-
ing and filtering, 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: EEE41, EEE42, EEE48, IF21, IF28, IF59
Prerequisites: EEB640
Credit points: 12 Contact hours: 4 per week
Semester offered: GP
► EEB960 WIRELESS COMMUNICATIONS
Cellular System Concepts. Mobile Radio Propagation, Spread spectrum techniques and CDMA, Speech coding modulation and demodulation channel models, GSM and CDMA. Fading mitigation through diversity. Inter-
ference. Antenna selection, the GSM and CDMA standards, and the GPRS, In-
tructions. Use of UMTS/IMT2000, Introduction to personal communications, Introduction to blue tooth technology. Other wireless systems includ-
ing Wireless Local Area Network, Mobile Satellite service, Digital Audio Broadcasting, Local multipoint distribution systems (LMDS) and LEO satellite communication.
Courses: EEE41, EEE42, EEE48, IF21, IF28, IF59, EEE47
Prerequisites: EEB560
Credit points: 12 Contact hours: 4 per week
Semester offered: GP
► EEB961 RF & APPLIED ELECTROMAGNETICS
Lumped and distributed microwave and RF cir-
cuits, including transmission lines. The various param-
eters forming circuit design techniques. Microwave and RF measurement tech-
niques. Linear antennas and microwave antennas.
Analysis and synthesis of antenna ar-
rays. Specialised antennas and antenna meas-
uring facilities; auralisation; standards and regulations; test plan; measurements; interfer-
ence coupling; susceptibility; EMC design tech-
niques, component selection, circuit layouts, grounding, shielding, filters, suppressors, isola-
tion and safety; EMC management; propagation of electromagnetic fields in electrical materials; application of numerical methods.
Courses: EEE41, EEE42, EEE48, IF21, IF28, IF59
Prerequisites: EEE641
Credit points: 12 Contact hours: 4 per week
Semester offered: GP
► EEB976 ADVANCED INTEGRATIONAL ELECTRONICS
Two of the following modules will be offered each year: 1. Switching convertors, variable
speed drive control, power system compensation converters, uninterruptible power supplies, trans-
sformer switched mode power supplies, and reso-
nant power supplies, 2. Basic microprocessor systems, M68332 CPU, architecture, assembly
language, M68000 architecture, system integration, sequenced communication systems, time process-
or unit, peripheral devices and interfacing, parallel/
serial communication, clock synchronization, DACs, wave-
form synthesizers. 3. RF systems, transmitters and receivers, superheterodyne, antenna, filters,
LNA, mixers, LO, IF amplifier, demodulator, dis-
plexer, RF switches, impedance matching, high
frequencey effect on components, microstrip tech-
niques, CAD RF design, interference control.
Courses: EEE41, EEE42, EEE48, IF21, IF28, IF59
Prerequisites: EEE412
Credit points: 12 Contact hours: 4 per week
Semester offered: GP
► EEB992 VLSI CIRCUITS & SYSTEMS
Introduction to microelectronic circuits and sys-
tems, MOS transistor fundamentals, fabrication
processes, mask layout rules, VLSI logic gates, combina-
tional logic circuits, sequential logic cir-
cuits, memory structures, System and subsystem design, semi-custom design, circuit modelling and performance, circuit verification, testability, case studies, CAD Tools for VLSI, VHDL sys-
tem specification, simulation and verification.
Major design project.
Courses: EEE41, EEE45, EEE48, IF21, IF28, IF59
Prerequisites: EEE55, EEE584
Credit points: 12 Contact hours: 3 per week
Semester offered: GP
► EEP101 ALGORITHMS FOR CONTROL & ENGINEERING
Solution of differential equations using numerical analysis methods and computer algorithms; differential and difference equations, numerical approxima-
tions and computational flow diagrams. Com-
promote control of closed systems, continuous and
discrete systems, system hardware, sampled
data systems design techniques, system simula-
tion, state-space theory, system identification, sys-
tem optimisation; state equation, transformations, state equation solution, closed-loop system pole-
placing, digital design, performance criteria, dynamic
optimisation methods; spectral analysis and digi-
tal filtering; discrete time adaptive filters; an
introduction to neural networks and to fuzzy logic.
Courses: EEE55, EEE66, EEE76
Credit points: 12 Contact hours: 3 per week
► EEP102 UNIX & C FOR ENGINEERS
Introduction to Operating Systems; commonly
used commands, the file structure, the Shell, the
vi Editor, Shell script; Types, operators and ex-
pressions, control flow, functions, pointers and
arrays, structures, input and output. Applications of C and Unix in real time signal processing and control.
Courses: EEE55, EEE66, EEE76
Credit points: 12 Contact hours: 3 per week
Semester offered: 1
► EEP104 BUS & TIME-OPERATING SYSTEMS
Definition and introduction: review of current commer-
cial real time operating systems, includ-
ing QNX and UNIX-like operating systems.
Structure: management; input/output manage-
ment; file management; resource allocation and scheduling; protection; multitasking. Develop-
ment of programming skills; structured programming techniques, modular
programming techniques; documentation of pro-
grams; interrupt handling.
Courses: EEE55, EEE66, EEE76
Credit points: 12 Contact hours: 3 per week
► EEP120 NETWORKS & DISTRIBUTED COMPUTING
The Open System Interconnection model and the
more common standards which support the model:
layers 3-7 covered. IP addresses and routing and
two covered by reference; computers, soft-
ware packages; network topologies, software
techniques, data transfer protocols; examples of
LANs and wide area networks; hardware imple-
mentation of OSI layers and protocols; Modern
High Performance Networking protocols such as
Ethernet and ATM; treated as extensions of the OSI
model.
Courses: EEE55, EEE66, EEE76
Credit points: 12 Contact hours: 3 per week
► EEP123 PROCESS CONTROL & ROBOTICS
Introduction to robotics; introduction to CNC
machine tools; process control; controller design.
plant characterisation and process optimisation;
computer simulation and algorithms.
Courses: EEE55, EEE66, EEE76
Credit points: 12 Contact hours: 3 per week
► EEP124 DATA COMMUNICATIONS
This unit will provide an in-depth knowledge of
data transmission channels; the various types
of moderns, their use and specifications; the differ-
ent aspects of interfacing for data communica-
tions; coding; compression and encryption of
data; network models and other specialised top-
ics.
Courses: EEE55, EEE66, EEE76
Credit points: 12 Contact hours: 3 per week
► EEP126 COMMUNICATIONS DIGITAL SIGNAL PROCESSING
Source and channel coding: waveform coding;
analogue-to-digital conversion; introduction to
speech technology in communication; applications of DSP technology; real time DSP

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UNIT SYNOPSIS

• EEP127 ADVANCED TOPIC B
An advanced topic in the field of computers and communication engineering. This topic will change from year to year and is announced at the beginning of the semester.
Course: EE76
Credit points: 12
Contact hours: 3 per week

• EEP128 DETECTION & 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 interpreta image restoration; introductory mathematical morphology, boundary detection techniques and algorithms; image segmentation; shape description techniques; neighbourhood operators; and image representation by stochastic models.
Courses: EE76
Credit points: 12
Contact hours: 3 per week

• EEP129 IMAGE PROCESSING AND COMPUTER VISION
A thorough investigation of digital image representations, image analysis and understanding and an introduction to some aspects of computer vision techniques and applications. Image representation and modelling; image enhancement; image restoration; introductory mathematical morphology; boundary detection techniques and algorithms; image segmentation; shape description techniques; neighbourhood operators; and image representation by stochastic models.
Courses: EE65, EE66, EE76
Credit points: 12
Contact hours: 3 per week Semester offered: 2

• EEP135 DIGITAL SIGNAL PROCESSING & 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 non-linear systems; an update in the advances in digital signal processing.
Courses: CE74, EE76
Credit points: 12
Contact hours: 3 per week

• EEP137 ADVANCED TOPIC A
An advanced topic in the field of computers and communication engineering. This topic will change from year to year and is announced at the beginning of the semester.
Course: EE76
Credit points: 12
Contact hours: 3 per week

• 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 earthing; earthing 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
Credit points: 12
Contact hours: 3 per week Semester offered: 1, 2, 3

• EEP202 THERMAL RATINGS & HEAT TRANSFER
Thermal conduction in simple geometries; forced convection from plates and cylinders - common heat transfer correlations; radiation from hot surfaces - view factors; calculation of 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, steady and emergency loads; temperature rise of power transformers - cooling systems; emergency overload.
Courses: EE660, EE78, EE82
Credit points: 4
Contact hours: 3 per week Semester offered: 1, 2, 3

• EEP203 TESTING & CONDITION MONITORING
Courses: EE60, EE78, EE82
Credit points: 4
Contact hours: 3 per week Semester offered: 1, 2, 3

• EEP205 POWER SYSTEM FAULT CALCULATION
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 (including mutual coupling of parallel lines); per unit positive, negative and zero sequence voltages; per unit positive, negative and zero sequence voltages: AS1359 requirements, voltages during faults, motor starting; voltage unbalance studies, modelling, measurement; voltage transients and flicker: AS2279 requirements, disturbing loads, remedial measures, transient disturbances and power system stabilisation. Power system transient analysis: ATP studies.
Courses: EE60, EE78, EE82
Prerequisites: EEP205
Credit points: 4
Contact hours: 3 per week Semester offered: 1, 2, 3

• EEP207 OVERHEAD LINE ROUTE SELECTION - ENVIRONMENTAL FACTORS
Courses: EE60, EE78, EE82
Credit points: 4
Contact hours: 3 per week Semester offered: 1, 2, 3

• 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: economic models for ESI, maintenance, refurbishment and replacement. Capital cost, discount, cash flow, cost-benefit analysis with spreadsheets, cash flows, monitoring expenditure and budget review, profit and loss and balance sheets. Risk analysis including WACC and Monte Carlo methods.
Courses: EE60, EE78, EE82
Credit points: 4
Contact hours: 3 per week Semester offered: 1, 2, 3

• 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
Credit points: 4
Contact hours: 3 per week Semester offered: 1, 2, 3

• EEP210 ABNORMAL SYSTEM VOLTAGES
Supply quality standards: review of criteria, statutory requirements, emergency and short term conditions; 50 Hz voltages, harmonics, disturbances, 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 stabilisation. Power system transient analysis: ATP studies.
Courses: EE60, EE78, EE82
Prerequisites: EEP205
Credit points: 4
Contact hours: 3 per week Semester offered: 1, 2, 3

• EEP211 BASIC POWER SYSTEM PROTECTION
Protection systems: Reliability and security. Methods of grading protection relays. Speed/sensitivity considerations. Comparison of "unit" and "non-unit" protection. Different causes and characteristics of the faults that occur on power systems and the specific protection relays that are used to detect them. Examination of logical back-up protection. Effects of substation configurations on protection system design and performance. Various types of protection, both mechanical and electronic. Current and voltage transformers - theory and specification for different applications, including interposing current transducers. Protection of overhead lines and subtransmission Transformer protection - basic overview of the

Courses: EEP60, EE78, EE82
Prerequisites: EEP205
Credit points: 4
Contact hours: 3 per week Semester offered: 1, 2, 3

► EEP212 ADVANCED POWER SYSTEM PROTECTION
High impedance protection of power system plant (bushbars, motors, generators, reactors and capacitors) including CT requirements, the application of shunt and series resistors, non-linear fuses, check schemes, back-up schemes and CT supervision. Protection of transformers, in- cluding differential and time and phase comparison schemes. Protection of high voltage capacitor banks, including consideration of in- service and start-up transient overvoltages, and clearing time coordination of protection schemes. Application of single and three pole autoreclosing schemes to HV and EHV transmission systems. Protection of large motors, including differential and earth fault protection, thermal overload considerations, starting and stalling currents, and the effect of neutral grounding configurations. Protection of large generators, including stator and rotor earth fault protection, biased differential, high imped- ance differential, negative phase sequence, under frequency, over excitation, reverse power and out-of-step protections.

Courses: EEP60, EE78, EE82
Prerequisites: EEP21
Credit points: 4
Contact hours: 3 per week Semester offered: 1, 2, 3

► EEP213 STATISTICS
The role of statistics in electricity supply engi- neering. 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 summa- rize data using statistical or spreadsheet pack- ages. Review of probability concepts, random variables, distribution functions. Specific dis- tributions used in system and component reli- ability studies.

Courses: EEP60, EE78, EE82
Credit points: 4
Contact hours: 3 per week Semester offered: 1, 2, 3

► EEP214 RISK ASSESSMENT IN THE ELECTRICITY SUPPLY INDUSTRY
Identification of hazards; failure modes and ef- fects analysis, failure modes effects and criticality analysis - outcomes from possible failure modes; hazard and operability studies; assess- ment of frequency - fault tree analysis, event tree analysis; assessment of consequences: conse- quence analysis, criticality assessment in terms of economic impact and risk, calculation of risk, accident 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: EEP60, EE78, EE82
Prerequisites: EEP215
Credit points: 4
Contact hours: 3 per week Semester offered: 1, 2, 3

► EEP215 RELIABILITY
Basic reliability concepts. Reliability analysis methods. Reliability methods. Application of important distributions. Failure rate, repair time and system failure. Analysis of reliability of series, parallel and complex systems. Discrete Markov Chains. Continuous Markov processes. Fre- quency and duration in reliability. Application of Markov Chain in the reliability evaluation of re- newable energy power plants; tests to measure im- pendance, phasing, temperature rise, accuracy and traceability of tests, interpretation of test reports; surge phenomena in windings, RGI and impulse testing of power transformers, interpretation of test results; oil cooling systems; fire protection; equipment and maintenance; application of transformer failure modes; phase and quadrupole regulators; series and shunt reactors; reac- tors for harmonic filters; SVCs: design consider- ations, equipment, characteristics and equipment characteristics.

Courses: EEP60, EE78, EE82
Prerequisites: EEP201
Credit points: 4
Contact hours: 3 per week Semester offered: 1, 2, 3

► EEP220 DISTRIBUTION PLANNING
Identify data and techniques used in load forecast. Examine typical distribution network problems and identify performance limitations based on standards. Relate network problems to different configurations and the effects on cus- tomers. Study network reinforcement options on a simulation package. Options include regula- tors, series and shunt capacitors and reconduc- ting. Consider the above options to address a realistic network problem assessing line losses and reinforcement needs. Analyse and optimise line losses and assess the impact of ties, switches and vari- able network configurations. Compare alterna- tives based on economic and technical considerations. Prepare a logical case that recom- mends one option in the form of a report.

Courses: EEP60, EE78, EE82
Prerequisites: EEP201, EEP211, EEP219
Credit points: 4
Contact hours: 3 per week Semester offered: 1, 2, 3

► EEP221 LIMITS TO POWER SYSTEM STABILITY
Time domain models and characteristics of syn- chronous machines; induction generator models; assessment of model bandwidth for use in dy- namic simulations; excitation models, governor models, boiler models, hydraulic sys- tem models; characteristics of load plant; evalua- tion of small signal adequacy by eigenvalue analysis; determination of modes of electrome- chanical and control systems; identification of modes with insufficient damping, eigenvalue participating states and eigenvectors; establish- ment of transfer evaluation of gains/phases at identified model frequencies; time domain dy- namic simulations of plant models; identification of maintenance liabilities, identification of critical success factors to minimise life cycle costs; planning/forecasting; control systems applications; interface with system models; determination of cost evaluation of plant modifications; establishment of maintenance policies: review of existing maintenance programs, establishment of plans for periodic actions, documentation of procedures, design of reporting procedures; data re- cording and analysis: registers of defects, design of data collection and reporting systems, prepa- ration of control charts, computer systems, data- base development; maintenance operations: identification of refurbishment needs, resource evaluations, design of work procedures, impact of Acts and regulations, identification of maintenance strategies and management; preparation of reports for assessment against KPI, modification of programs to account for continued defects and failures in design and construction of plant.

Courses: EEP60, EE78, EE82
Prerequisites: EEP214, EEP215
Credit points: 4
Contact hours: 3 per week Semester offered: 1, 2, 3

► EEP222 MAINTENANCE OF ELECTRICITY SUPPLY SYSTEMS
Establishment of maintenance policies: review of failure rates, emergency maintenance, identification of maintenance liabilities, identification of criti- cal success factors to minimise life cycle costs, appraisal and dissemination of policy, policy re- view; maintenance planning: identification of constraints, review of existing maintenance pro- grams, establishment of plans for periodic ac-
UNIT SYNOPSIS

1. EEP240 ORGANISATION & FINANCIAL MANAGEMENT OF THE ESI

Financial reporting, including profit and loss and balance sheet; interpretation of financial data and commercial practices with respect to various line items in financial statements; key performance indicators, the derivation, interpretation and pitfalls; financial statements; taxation issues that affect the industry, under-reported income, tax, reporting; the 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: EEE60, EEE78, EEE82
Credit points: 4
Contact hours: 3 per week
Semester offered: 1, 2, 3

2. EEP241 DISTANCE PROTECTION

Current transformers: transient performance, saturation factors, and effects on distance relay performance. Voltage transformers: transient performance and effects on distance relay performance. Distance protection: select a suitable relay characteristic based on an understanding of the relay comparator operation (amplitude and phase angle comparators), implement non-switched distance protection; implement a switched distance protection schemes (including allowance for various starter characteristics), allow for the effects of arc and fault resistance, ensure that load encroachment does not cause inadvertent tripping, ensure healthy phase fault currents do not degrade distance relay performance, develop a grading plan to ensure coordination with protection relays (including IDMT relays) elsewhere on the power system, understand relay functions such as switch-on/fault logic, VT supervision, memory, power swing blocking and healthy phase polarising. Protection signalling: direct, series, parallel (interconnecting and underneathing), distance acceleration and blocking intertripping.

Courses: EEE60, EEE78, EEE82
Prerequisites: EEP211
Contact hours: 3 per week
Semester offered: 1, 2, 3

3. EEP242 EFFICIENT MARKETING & UTILISATION OF ELECTRICITY: DEMAND & SUPPLY SIDE SOLUTIONS

Assessment of future DSM options: state, national and international options assessed; local opportunities examined; impact of new and evolving technology; compare options and select for cost effectiveness, reliability and community acceptance; determination of avoidable costs; assessment of marginal cost of supply and identification of unavoidable and avoidable costs; survey of customer needs and wants; conducting market research; application of existing tariffs or development of new tariffs; planning and estimating market potential for DSM; comparison of options to develop the optimum plan to meet customer needs and supply authority requirements; economic comparison of DSM and RELM options for a specific project including combined options; design and implement DSM program: targets, resources, in-house or contract; monitoring program performance; assessment of DSM on local and system load forecasts.

Courses: EEE60, EEE78, EEE82
Prerequisites: EEP202, EEP221, EEP222
Credit points: 4
Contact hours: 3 per week
Semester offered: 1, 2, 3

4. EEP243 CONTRACT ADMINISTRATION

Categories of contracts: supply; supply, deliver and erect; performance guaranteed; services, for example, maintenance; period for supply of stock items; conditions to contract; terms of payment and security deposit; quality assurance procedures; retention conditions; special conditions of contract: delivery and penalties for delay; technical provisions; penalty bonus for such factors as efficiency, performance, maintenance and reliability; tender acceptance negotiation practice; evaluation and determination of the lowest comparatively priced offer on a total capitalised cost basis which conforms to the overall objectives of the workgroup. The work is to be 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, and that they have developed 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: EEE78
Credit points: 12
Contact hours: 3 per week

5. EEP244 ELECTRICAL METERING


Courses: EEE82, EEE60, EEE78
Prerequisites: Nil
Credit points: 4
Contact hours: 3 per week
UNIT SYNOPSIS

EFF248 INTRODUCTION TO ELECTRICITY MARKETS

Focuses on the institutional structure of global financial markets, and thereby complements the understanding of theoretical financial institutions and markets including perfect competition, monopoly, and oligopoly. The concept of utility and the equilibrium in the electricity market. The theory and practice of electricity market design. The Euromarket and financial derivatives.

**Courses:**
- BS50, BS56, BSF9, IF30, IF41, IF47, IF48, IF56, IF60, IF62, IF72

**Prerequisites:**
- EFB206 or EFB210

**Credit points:** 12

**Contact hours:** 3 per week

**Campus offered:**
- Semester offered: 1, 2, 3

**EVENTS**

EFB101 DATA ANALYSIS FOR BUSINESS

This unit introduces the basic statistical tools for students in Accountancy, Banking and Finance, Economics and Marketing but is relevant to all students in a business course. It covers the common methods of data presentation and analysis with an emphasis on interpreting and understanding business and economic data. Topics include descriptive measures of data, probability, the concept of sampling error and sampling distributions, hypothesis testing and regression analysis.

**Courses:**
- BS56, ED50, IF28, IF30, IF37, IF41, IF47, IF48, IF56, IF61, IF62, IF72

**Prerequisites:**
- There are no formal prerequisites for this unit. Nevertheless, students are advised that it is essential to be competent in algebra before attempting EFB101.

**Credit points:** 12

**Contact hours:** 4 per week

**Incompatible with:**
- EPB109, EPB110, EFB101, NP101, NP101, AM534

**Campus offered:**
- Semester offered: 1, 2, 3

**EFB102 ECONOMICS 2**

Consumer behaviour, the role of the government in market intervention, allocative efficiency and market structure are some of the fundamental issues in microeconomics addressed in this unit. Business cycles and the related issue of macro-economic stabilisation policy are analysed and explained within the Australian context. The significance of the international economy is discussed in the context of foreign exchange markets, the Australian dollar and the terms of trade.

**Courses:**
- BS50, BS56, ED50, IF28, IF30, IF37, IF41, IF47, IF48, IF60, IF62, IF72

**Prerequisites:**
- BS1113

**Credit points:**
- 12

**Contact hours:**
- 3 per week

**Incompatible with:**
- EFB106 or EFB110

**Campus offered:**
- Semester offered: 1, 2, 3

**EFB200 APPLIED REGRESSION ANALYSIS**

Expands on the basic multiple regression model introduced in EFB101, by examining the practical problems encountered in using the single equation econometric model. In particular, the major problems encountered using real data, such as multicollinearity, serial correlation in time series data and heteroskedasticity in the case of cross-section data, specification error, and the identification of functional form issues will be illustrated in the context of published Australian data. The unit includes extensive use of a commonly used computer package to allow the practitioner to test different techniques and models.

**Courses:**
- BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF56, IF62, IF72

**Prerequisites:**
- EFB101 or MA510

**Credit points:**
- 12

**Contact hours:**
- 3 per week

**Incompatible with:**
- EFB102

**Campus offered:**
- Semester offered: 1

**EFB211 FINANCIAL MARKETS**

This unit introduces students to the institutional structure of global financial markets, and thereby complements the understanding of theoretical financial markets including perfect competition, monopoly and oligopoly. The concept of utility and the equilibrium in the electricity market. The Euromarket and financial derivatives.

**Courses:**
- BS50, BS56, BSF9, IF30, IF41, IF47, IF48, IF56, IF60, IF62, IF72

**Prerequisites:**
- EFB206 or EFB210

**Credit points:**
- 12

**Contact hours:**
- 3 per week

**Incompatible with:**
- FNB112

**Campus offered:**
- Semester offered: 1, 2

**EFB202 BUSINESS CYCLES & ECONOMIC GROWTH**

Develops an analytical framework in order to evaluate the economic performance of the Australian economy and the policy actions taken by government. Key issues addressed include business cycle stabilisation, unemployment, inflation; economic growth; the foreign debt; budget deficits; and national saving.

**Courses:**
- BS50, BS56, ED50, IF28, IF30, IF41, IF47, IF48, IF56, IF62, IF72

**Prerequisites:**
- EFB102 or EFB103

**Credit points:**
- 12

**Contact hours:**
- 3 per week

**Incompatible with:**
- EFB114

**Campus offered:**
- GP

**Semester offered:**
- 1

**EFB206 CORPORATE FINANCE**

The unit covers the financial decisions of the firm (investment and dividend) and analysis of sources of funds; Australian taxation environment, financial mathematics, valuation and the capital market; market efficiency; risk and reward; portfolio theory; capital investment; estimation; market efficiency; dividend policy; financing policy; futures; options and an introduction to other international financial markets.

**Courses:**
- BS50, BS56, ED50

**Prerequisites:**
- BS110

**Credit points:**
- 12

**Contact hours:**
- 3 per week

**Incompatible with:**
- FNB111, FNB107, FNB210

**Campus offered:**
- GP

**Semester offered:**
- 1

**EFB210 FINANCE 1**

An introduction to the Australian institutional framework, and the role of the central bank and institutions, stock exchange operations, corporate lending and securities; financing theory; valuation theory; value-at-risk; use of financial derivatives. A unit specially designed for students in Accountancy, Banking and Finance, Economics and Marketing but is relevant to all students in a business course. It covers the concept of financial derivatives, valuation: free cash flow model, evaluation of takeovers, Risk and Return: diversification, the CAPM and its practical application and its relationship to efficient market hypothesis. Introduction to forwards, futures, options, warrants, credit default swaps and risk management using financial derivatives.

**Courses:**
- BS56, IF28, IF30, IF41, IF47, IF48, IF56, IF60, IF62

**Prerequisites:**
- EFB210

**Credit points:**
- 12

**Contact hours:**
- 3 per week

**Incompatible with:**
- FNB112

**Campus offered:**
- GP

**Semester offered:**
- 1, 2

**EFB308 FINANCIAL INSTITUTIONS 3**

A study of contemporary finance research; beta estimation; market efficiency; asset pricing models and the extension of Value at Risk theory; valuation theory; value-at-risk; use of financial research tools. Students are required to complete a research project combining theory and practice.

**Courses:**
- BS56, IF28, IF30, IF41, IF47, IF48, IF56, IF60, IF62

**Prerequisites:**
- EFB307

**Credit points:**
- 12

**Contact hours:**
- 3 per week

**Incompatible with:**
- FNB113

**Campus offered:**
- GP

**Semester offered:**
- 2

**EFB309 FINANCIAL DERIVATIVES**

Extends students' knowledge of financial derivatives, to encompass exotic trading strategies in financial and commodity instruments; option replication strategies; modifications to the basic option theory, to account for firm capitalisation changes (e.g. bonus shares); designer options; option pricing models other than the standard Black-Scholes OPM studied in EFB307.

**Courses:**
- BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF56, IF60, IF62

**Prerequisites:**
- EFB206 or EFB210

**Credit points:**
- 12

**Contact hours:**
- 3 per week

**Incompatible with:**
- FNB124, FNB115

**Campus offered:**
- GP

**Semester offered:**
- 2

**EFB310 FINANCIAL INSTITUTIONS - CONTROL**

Designed to familiarise students with the management considerations of a financial institution, and in particular, from a financial management perspective. Students will gain an understanding of the relevance of both qualitative and quantitative financial management within the financial institution.

**Courses:**
- BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF56, IF60, IF62

**Prerequisites:**
- EFB206 or EFB210

**Credit points:**
- 12

**Contact hours:**
- 3 per week

**Incompatible with:**
- FNB114

**Campus offered:**
- GP

**Semester offered:**
- 1

**EFB311 FINANCIAL INSTITUTIONS - LENDING**

Finance theory and the lending function; cost of bad loans; the evaluation and risk assessment of lending to small business; financial statement analysis; corporate lending and securitisation; financing international trade; problem loans and credit scoring.

**Courses:**
- BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF56, IF60, IF62

**Prerequisites:**
- EFB206 or EFB210

**Credit points:**
- 12

**Contact hours:**
- 3 per week

**Incompatible with:**
- FNB114

**Campus offered:**
- GP

**Semester offered:**
- 1

**EFB312 INTERNATIONAL FINANCE & ECONOMICS**

Examines the theory and practice of international finance, including the mechanics and uses of the spot, forward, swap, futures and options markets in foreign exchange; the relationship between domestic and international capital markets; international portfolio management and exchange rate determination; risk management of foreign exchange; international trade finance; evaluation of offshore investment (including country risk).

**Courses:**
- BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF56, IF60, IF62

**Prerequisites:**
- EFB206 or EFB210

**Credit points:**
- 12

**Contact hours:**
- 3 per week

**Incompatible with:**
- FNB120, EFB212, EFB132

**Campus offered:**
- GP

**Semester offered:**
- 2

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EFB314 INTERNATIONAL TRADE & ECONOMIC COMPETITIVENESS
This unit analyses the increasing globalization of world trade and finance, and develops an analytical framework to assess the impact of these flows on the international economy and its policy makers. It examines trade and capital flows, exchange rate.

Campus offered: BS, IF26, IF30, IF41, IF47, IF48, IF60, IF62
Prerequisites: BSB116, EBF211, EBF202
Credit points: 12 Contact hours: 3 per week Incompatible with: EBF130, EBF132, EBF212
Semester offered: 2

EFB318 PORTFOLIO & SECURITY ANALYSIS
Management of investment portfolios; diversification; performance management; risk management; advanced theories on option pricing, asset management; advanced theories on option pricing, economic applications of game theory, and the management of interest rate risk. This unit builds on the previous unit will provide illustrative empirical results from the stock, bond and foreign exchange markets.

Courses: BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF60, IF62
Prerequisites: EBF207
Credit points: 12 Contact hours: 3 per week Incompatible with: FNB126
Semester offered: 1

EFB323 FINANCIAL & MONETARY ECONOMICS
This unit examines the comparative macroeconomic foundations of financial economics, as well as the differences in traditions and approaches towards English speaking and non-English speaking countries.

Courses: BS39, BS89, BS96, BS98, GS10, GS85, GS90, GS97
Prerequisites: PG only
Credit points: 12 Contact hours: 3 per week Incompatible with: AYN419, EFN503, FNB103
Semester offered: 1

EFN410 ECONOMIC & FINANCIAL MODELLING
Introduces students to the modelling techniques that 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: BS50, BS56, IF28, IF41, IF47, IF48, IF60, IF62
Prerequisites: PG only
Credit points: 12 Contact hours: 3 per week Incompatible with: FNB102, GSN413, GSN423
Semester offered: 1

EFN412 ADVANCED MANAGERIAL FINANCE
Examines material introduced and developed in EFN406 Managerial Finance. Its objective is to examine the key decisions made by corporate financial managers (that is the investment, financing and dividend decisions). In addition, a number of topics of special interest to financial managers will also be covered, including leasing, working capital management, risk management and takeovers.

Courses: BS39, BS91, BS96, GS10, GS85, GS90, GS97
Prerequisites: PG only, EFN406
Credit points: 12 Contact hours: 3 per week Incompatible with: AYN419, EFN503
Semester offered: 2

EFN413 SECURITIES LAW
Examines the legal framework of those working in the securities industry. The unit looks at the system of law of contract and provides an introduction to the law of torts, particularly negligent misstatement. Corporations law as it affects directors and partners of limited liability companies is included. The law of business associations, takeovers and market offences are examined.

Courses: BS39, BS91, BS96, GS19
Prerequisites: PG only
Credit points: 12 Contact hours: 3 per week Incompatible with: AYN419
Semester offered: 2

EFN414 INTERNATIONAL FINANCE
The theory and practice of international finance, the relationship between domestic and international trade, 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, GS10, GS11, GS85, GS86, GS90, GS91
Prerequisites: PG only, plus EFN406
Credit points: 12 Contact hours: 3 per week Incompatible with: EBF312
Semester offered: 2

EFN415 SECURITY ANALYSIS
A four-semester unit developing security analysis and portfolio management. The unit is both descriptive, dealing with a range of securities and financial instruments available to government, and the management of interest rate risk. This unit builds on the previous unit will provide illustrative empirical results from the stock, bond and foreign exchange markets.

Courses: BS50, BS56, BS89, BS96, BS98, GS70, IF64
Prerequisites: PG only
Credit points: 12 Contact hours: 3 per week Incompatible with: FNB102, GSN203, GSN411, GSN414
Semester offered: 2

EFN416 MANAGERIAL FINANCE
Managerial decisions in an economic environment; an introduction to economies, demand analysis, cost analysis, market strategy and the macroeconomic environment; problems of resource allocation, the role of the firm, industry and the economy; completion of an industry study by each student, and an analysis of the Commonwealth Budget strategy.

Courses: BS39, BS89, BS96, GS10, GS11, GS85, GS86, GS90, GS91
Prerequisites: PG only, plus EFN406
Credit points: 12 Contact hours: 3 per week Incompatible with: EBF312
Semester offered: 2

EFN490 MANAGEMENT ECONOMICS
Managerial decisions in an economic environment; an introduction to economies, demand analysis, cost analysis, market strategy and the macroeconomic environment; problems of resource allocation, the role of the firm, industry and the economy; completion of an industry study by each student, and an analysis of the Commonwealth Budget strategy.

Courses: BS50, BS56, BS89, BS96, GS10, GS11, GS85, GS86, GS90, GS91
Prerequisites: PG only
Credit points: 12 Contact hours: 3 per week Incompatible with: FNB102, GSN203, GSN411, GSN414
Semester offered: 1
sis; portfolio hedging; technical and fundamental analysis; active vs. passive investment strategies; and implementation of portfolio performance. The ultimate purpose of this unit is to provide the necessary tools for you to manage investment risk through the use of diversified securities, design and administer investment portfolios, accomplish goals in portfolio management, and manage the performance of investment management.

**Courses:**
- BS39, BS91, BS96, BS98, GS10, GS11, GS85, GS86, GS90, GS91

**Prerequisites:**
- PG only, EFN406

**Contact hours:**
- 12

**Semester offered:**
- 1

**EFN416 TREASURY & 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 manage by making decisions concerning source of funds, term and duration, interest rate re-set, and risk management with derivative instruments. The unit is conducted over a simulated four-quarter year.

**Courses:**
- BS39, BS70, BS91, BS96, BS98, GS80, GP

**Prerequisites:**
- PG only with an UG degree in Economics or EFN406

**Contact hours:**
- 12

**Semester offered:**
- 1

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**UNIT SYNOPSIS**

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**EFN501 CORPORATE & COMMERCIAL LENDING**

The study of the different issues and structures for commercial applications. Examination of procedures for analysis of specialist lending; credit rating, risk evaluation, and financial risk management.

**Courses:**
- BS70, BS94, GS80, IF64

**Prerequisites:**
- PG only with an UG degree in Economics or EFN406

**Contact hours:**
- 12

**Semester offered:**
- 2 (2003 and 2005)

**EFN502 DEVELOPMENTS IN MICROECONOMIC THEORIES**

Discussion of refinements in microeconomic theory such as consumer demand theory, labour supply, international trade, market structure, theory of regulation, externalities, and public goods are considered in this unit. It explores developments in microeconomic theory that have been contemporaneously used in the development of government policies in areas such as the environment, energy, public enterprises and health.

**Courses:**
- BS39, BS70, BS92, BS94, GS80, IF64

**Prerequisites:**
- PG only with an UG degree in Economics or EFN406

**Contact hours:**
- 12

**Semester offered:**
- 1

**EFN601 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:**
- BS39, BS70, BS92, BS94

**Prerequisites:**
- PG only with an UG degree in Economics or EFN406

**Contact hours:**
- 12

**Semester offered:**
- 1

**EFN605 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, although some specific aspects of risk management in non-financial corporations will be considered. The unit will be divided into two sections. The first section will be devoted to developing understanding of the analytical techniques employed in the construction of hedging strategies and the inter-relationships between the main areas of risk management. The unit will also emphasise empirical applications and assessment of the effectiveness of the techniques. A self-contained introduction to the relevant probability concepts will be provided. The topics will be included from the current state of prudential regulation of capital, measurement, and management of market risks, hedging strategies with derivatives, managing interest rate risk, and exchange rate risk and the use of insurance.

**Courses:**
- BS39, BS70, BS91, BS92, BS94, BS98, IF64

**Prerequisites:**
- PG only, EFN415 or equivalent

**Contact hours:**
- 12

**Semester offered:**
- 1

**EFN506 ADVANCED INTERNATIONAL FINANCE**

A comprehensive study of the major issues in international finance pertaining to the foreign exchange market, international parity conditions, hedging of currency exchange risk, international stock pricing, international portfolio diversification, international cost of capital and capital structure, international capital budgeting and international financial markets integration.

**Courses:**
- BS70, BS94, GS10, GS11, GS85, GS86, GS87, GS90, GS91, IF66

**Prerequisites:**
- PG only with an UG degree with a major in Finance or EFN414

**Contact hours:**
- 12

**Semester offered:**
- 1

**EFN507 ADVANCED CAPITAL BUDGETING**

Topics covered include: capital investment analysis, the NPV rule, adjusted present value, replacement decisions, retirement decisions, unequal lives, optimal life, make or buy, cost of capital, estimating beta, capital rationing, valuation of new issues, mergers and takeovers, revenue decision analysis, analysis of financial and engineering projects, valuation of financial projects, cash flow and discounting, investment appraisal techniques, and investment changes on the financing, dividend investment decisions of the firm, capital budgeting in an international context. 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 studies. The unit also aims to provide a basic understanding of spreadsheets is assumed.

**Courses:**
- BS39, BS70, BS91, BS94, BS96, IF64

**Prerequisites:**
- PG only with an UG degree with a major in Economics or Finance

**Contact hours:**
- 12

**Semester offered:**
- 3 per week

**Campus offered:**
- GP

**Semester offered:**
- 2

**GSN200 BUSINESS STRATEGIES**

This unit develops a manager's knowledge, analytical understanding and action-taking capability, based on a paradigm of strategic management, i.e. the analyses of stakeholders, environments, capabilities, strategy formulation, implementation and evaluation. Teaching strategy emphasises the process of management as well as analysis, content and concepts.

**Courses:**
- GS10, GS11, GS13, GS70, GS80, GS81, GS85, GS86, GS87, GS90, GS91, GS92

**Prerequisites:**
- GS0405

**Contact hours:**
- 12

**Semester offered:**
- 3 per week

**Campus offered:**
- GP

**Semester offered:**
- 1, 2

**GSN207 ORGANISATIONAL ANALYSIS & 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. This unit is compulsory for students undertaking industry placement. Consulting from different disciplinary perspectives is expected.

**Courses:**
- GS10, GS11, GS13, GS70, GS80, GS81, GS85, GS86, GS87, GS90, GS91, GS92

**Prerequisites:**
- 48 credits from the core

**Contact hours:**
- 12

**Semester offered:**
- 3 per week

**Campus offered:**
- GP

**Semester offered:**
- 1, 2

**GSN224 CORPORATE PHILANTHROPY**

This unit examines the relationship between the for-profit corporation and the non-profit sector which is variably through corporate philanthropy. This unit examines five issues: corporate philanthropy: legal and taxation, cause related alliances, corporate foundations, business giving.
Captions: PAGE 429

Credit points: 12
Campus offered: GP
Semester offered: 1

GSN225 BUSINESS DEVELOPMENT IN CREATIVE INDUSTRIES

This unit introduces the student to the issues involved in managing and refining a business concept in the creative industries. Topics include business opportunity recognition, screening for potential viability and sustainable competitive advantage, analysing and synthesising strategic options, creating a marketing strategy, and outlining the production and operations, human resources planning for a start-up creative industry venture. Thus, students will build the components of a business model for their selected business and by the end of semester will be ready to write a formal business plan for that business. Students will examine and critique the business models of a variety of existing businesses in the creative industries during the semester.

Courses: IF01, IF02, IF03, IF04, GS20, GS21, GS22, GP
Corequisites: GSN401, GSN408
Credit points: 12 Contact hours: 3 per week Incompatible with: GSN204, MGN409
Campus offered: GP Semester offered: 1, 2, 3 (GP & GP2)

GSN226 ARTS POLICY & STRATEGY

This unit analyses the functions and processes of arts policy and its relationship to society, the arts and cultural organisations, and the profession of arts management. It includes an investigation of the status of the artist, public policy, funding processes, cultural economics, international perspectives, and the contemporary policy issues in the non-profit arts and cultural sector.

Courses: BS30, BS39, BS63, BS92, BS93, GSN201, GSN202, IF04
Prerequisites: PG only
Credit points: 12 Contact hours: 3 per week Incompatible with: MGN406
Campus offered: GP Semester offered: 1

GSN227 ARTS & CULTURAL MANAGEMENT

This unit focuses on the operational procedures of arts and cultural organisations. It includes an examination of structures and human resource management issues facing arts managers, the role of Boards, the legal framework affecting the arts, the application of performance indicators, the context of project and event management, and the outcomes of strategic alliances in the arts industry. It concludes with an examination of cultural leadership in the community.

Courses: BS30, BS39, BS63, BS92, BS93, GSN201, GSN202, IF04
Prerequisites: PG only
Credit points: 12 Contact hours: 3 per week Incompatible with: MGN407, MGN408
Campus offered: GP Semester offered: 2

GSN228 MARKETING ARTS & CULTURE

This unit focuses on strategies for audience development. It provides students with an understanding of marketing concepts with the context of arts and cultural organisations. It examines the principles of cultural enterprise, arts product development, promotion, sponsorship, advertising, communication, market research, marketing strategies, and the development of marketing plans for arts and cultural organisations.

Courses: BS30, BS39, BS63, BS92, BS93, GSN101 and to IF02, IF04
Prerequisites: PG only
Credit points: 12 Contact hours: 3 per week Incompatible with: MGN410
Campus offered: GP Semester offered: 2

GSN401 MANAGING IN THE GLOBAL BUSINESS ENVIRONMENT

This unit provides an understanding of the complexity of current management strategy and the focus on the need for the manager to think strategically and critically about the challenges of managing global organisations. Students will examine the strategies employed by organisations in managing the challenges of globalisation.

Courses: BS30, BS91, GS10, GS11, GS12, GS13, GS35, GS86, GS87, GS90, GS91, GS92, GSN101, IF13, IF15, IF16
Prerequisites: Must be taken in first semester of study
Credit points: 6 Contact hours: 3 per week Incompatible with: GSN401, MGN409
Campus offered: GP Semester offered: 1, 2, 3 (GP & GP2)

GSN402 STRATEGIC USE OF INFORMATION TECHNOLOGY

This unit discusses the impact of the digital era on business strategy, the importance of understanding 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 (e.g. Internet) is an important force that managers need to understand. The business implications of the impacts of these shifts are also discussed in the global context. Students use e-mail and the Internet constantly in this unit as part of their project work.

Courses: BS30, BS91, GS10, GS11, GS12, GS13, GSN201, GSN202, GS90, GS91, GS92, GSN93, IF13, IF15, IF16
Prerequisites: Must be taken in first semester of study
Credit points: 6 Contact hours: 3 per week Incompatible with: GSN204
Campus offered: GP Semester offered: 1, 2, 3 (GP & GP2)

GSN403 UNDERSTANDING DATA

This unit is designed to provide students with a clear understanding of basic statistical techniques and a basic understanding of organised procedures for applying these techniques in a business environment. The major topics are discussion of key features of published data, the calculation and interpretation of descriptive measures, an introduction to the normal distribution, the concept of sampling and sampling distributions, hypothesis testing, regression and correlation analyses.

Courses: BS30, BS91, GS10, GS11, GS12, GS13, GS85, GS86, GS87, GS90, GS91, GS92, GSN93, IF13, IF15, IF16
Prerequisites: Must be taken in first semester of study
Credit points: 6 Contact hours: 3 per week Incompatible with: MGN409
Campus offered: GP Semester offered: 1, 2, 3 (GP & GP2)

GSN404 FINANCIAL STATEMENTS ANALYSIS 1

This unit introduces students to basic accounting concepts and principles and the preparation and analysis of the main financial statements that reflect the financial health of a business organisation. Topics include the role of accounting and accounting reports; classification, analysis and recording of transactions; balance day adjustments, preparation of the profit and loss account, balance sheet and statement of cash flows and understanding financial ratios and the limitations of ratio analysis.

Courses: BS30, BS91, GS10, GS11, GS12, GS13, GS85, GS86, GS87, GS90, GS91, GS92, GSN93, IF13, IF15, IF16
Prerequisites: Must be taken in first semester of study
Credit points: 6 Contact hours: 3 per week Incompatible with: GSN202, AYN416
Campus offered: GP Semester offered: 1, 2, 3 (GP2)

GSN405 STRATEGIC MANAGEMENT

This unit provides an introduction to strategic management. Concept of strategy is examined, along with an analysis of the external and internal environments. The alignment of these environments is presented as a basis for the strategic process. Focus is upon business strategy, as strategies that are examined as per the classical and resource-based perspective. Teaching strategies emphasised are a field theory, the use of conceptual and analytical frameworks.

Courses: BS30, BS91, GS10, GS11, GS12, GS13, GS85, GS86, GS87, GS90, GS91, GS92, GSN93, IF13, IF15, IF16
Prerequisites: GSN401 Corequisites: GSN401 Credit points: 6 Contact hours: 3 per week Incompatible with: MGN410, GSN206
Campus offered: GP Semester offered: 1, 2, 3 (GP & GP2)

GSN406 HUMAN RESOURCE MANAGEMENT

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 a suite of people management skills. Specific attention will be given to the human resource management implications arising from the global business environment and the changing nature of organisations.

Courses: BS30, BS91, GS10, GS11, GS12, GS13, GS85, GS86, GS87, GS90, GS91, GS92, GSN93, IF13, IF15, IF16
Prerequisites: GSN401, GSN409
Credit points: 6 Contact hours: 3 per week Incompatible with: GSN206
Campus offered: GP Semester offered: 1, 2, 3 (GP1)

GSN407 BUSINESS COMMUNICATION

Professional Communication 1 is an introductory course designed to promote the development of communication skills in a range of situations encountered at managerial level, and particularly addresses the speaking and writing skills of managers. It examines the choices that managers have in persuading others through the medium of language in oral and written communication. The unit draws on lessons provided by classical and contemporary scholars and applies their techniques to modern day management activities.

Courses: BS30, BS91, GS10, GS11, GS12, GS13, GS85, GS86, GS87, GS90, GS91, GS92, GSN93, IF13, IF15, IF16
Credit points: 6 Contact hours: 3 per week Incompatible with: MGN404
Campus offered: GP Semester offered: 1, 2, 3 (GP1)

GSN408 MARKETING MANAGEMENT 1

This unit examines the role of marketing and its place within the firm operating in the global business environment. It examines key marketing decision areas, including the marketing concept, marketing information systems and marketing research, consumer behaviour, market segmentation, developing and positioning and marketing planning. It further examines the place of marketing planning within the strategic planning process of the modern business, and the complexities brought about by an increasingly competitive international environment.

Courses: BS30, BS91, GS10, GS11, GS12, GS13, GS85, GS86, GS87, GS90, GS91, GS92, GSN93, IF13, IF15, IF16
Credit points: 6 Contact hours: 3 per week Incompatible with: GSN206
Campus offered: GP Semester offered: 1, 2, 3 (GP1 & GP2)

GSN409 ORGANISATIONAL BEHAVIOUR 1

Organisational Behaviour 1 is an introductory course which analyses human behaviour at work with a focus on personality, motivation, group interaction, occupational stress, and health and organisational change. The unit will examine issues related to the working environment and to the complex relationship between managerial strategies, organisational structures and their effects on performance, health and wellbeing.

Courses: BS30, BS91, GS10, GS11, GS12, GS13, GS85, GS86, GS87, GS90, GS91, GS92, GSN93, IF13, IF15, IF16
Corequisites: GSN401 Credit points: 6 Contact hours: 3 per week Incompatible with: MGN412
Campus offered: GP Semester offered: 1, 2, 3 (GP2)
UNIT SYNOPSIS

**GSN410 ENTREPRENEURSHIP**
This subject introduces the student to the field of entrepreneurship and the requirements of business planning for new business initiatives. Topics include entrepreneurial and leadership skills, opportunity recognition, preliminary viability screening and the attributes, first-mover advantages and disadvantages, and legal issues including intellectual property protection. Candidates will examine and critique several business plans and/or case studies during the semester.

**Prerequisites:** GSN408

**Corequisites:** GSN410

**Contact hours:** 3 per week

**Incompatible with:** GSN300

**Campus offered:** GP

**Semester offered:** 1, 2, 3 (GP)

**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 customer, or diversification and to similar and dissimilar markets, using economic concepts such as economies of scale, economies of scope, incremental costs and transaction costs. Topics include industry analysis, market structure, strategic commitment and competition and the dynamics of pricing rivalry.

**Incompatible with:** EFN406

**Campus offered:** GP

**Semester offered:** 1, 2, 3 (GP)

**GSN412 BUSINESS LAW 1**
This unit will provide an introduction to a range of essential business law necessary for understanding the legal environment of business. The Australian legal system is examined and reference is made to comparative international legislation and topics include a classification of law and statutory interpretation, contract law and the legal nature of corporations, partnerships, trusts and sole traders.

**Incompatible with:** EFN410

**Campus offered:** GP

**Semester offered:** 1, 2, 3 (GP)

**GSN413 FINANCIAL MANAGEMENT 1**
This unit builds upon the foundation laid by the international financial environment in which businesses operate. 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, diversification, risk investment and return, and cost of capital.

**Incompatible with:** EFN410

**Campus offered:** GP

**Semester offered:** 1, 2, 3 (GP)

**GSN414 BUSINESS CONDITIONS and CONDITIONS**
This unit provides managers with an understanding of the basic workings of the national economy and the global context. Students are introduced to the key macroeconomic variables which measure the performance of the economy and which impinge on the decision making of the firm. These variables include the level of economic activity, unemployment, inflation, interest rates, the exchange rate, the balance of payments and consumer price data in their role of explaining the values of these key variables.

**Incompatible with:** EFN406

**Campus offered:** GP

**Semester offered:** 1, 2, 3 (GP)

**GSN415 LEADERSHIP 1**
Leadership involves the process of persuasion or persuasion by which an individual influences others to pursue identified goals. The skills of leadership and the ability to 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, power, 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.

**Incompatible with:** GSN401

**Credit points:** 6

**Contact hours:** 3 per week

**Campus offered:** GP

**Semester offered:** 1, 2, 3 (GP)

**GSN416 BUSINESS PLANNING 1**
This unit is concerned with the preparations for writing a formal Business Plan. Preparation includes the underlying analysis and strategic considerations that enter the process of determining whether or not the business plan is feasible and viable. Consideration is given to the major purpose and target audience, since a Business Plan may be written for a variety of purposes, and will differ accordingly. The structure of the business plan is analysed and crafted strategically.

**Incompatible with:** EFN406

**Credit points:** 6

**Contact hours:** 3 per week

**Campus offered:** GP

**Semester offered:** 1, 2, 3 (GP)

**GSN417 EFFECTIVE ADVOCACY FOR MANAGERS**
The ability to differentiate oneself from competitors has become more important to many managers. Students need to develop the necessary knowledge and skills to be confident and articulate in leadership positions. Competence in promotion, making a career move, negotiating successfully are all endeavours where the communication ability of the manager is a key factor for success. Many lucrative business deals have been won by a strategic, persuasive, and innovative speech presentation.

**Incompatible with:** EFN406

**Credit points:** 6

**Contact hours:** 3 per week

**Campus offered:** GP

**Semester offered:** 1, 2, 3 (GP)

**GSN418 MARKETING MANAGEMENT 1**
This unit builds upon the foundation provided by GSN408 and examines the managerial process involved in identifying and developing effective marketing strategies in the global business context. Competitiveness in marketing within the strategic processes of the modern firm and considers the process involved in strategic marketing in the global business context. It covers the key marketing decision areas, including the key elements of the marketing mix - the product (quality) decision, the pricing decision, the distribution decision, and the promotion decision.

**Incompatible with:** EFN406

**Credit points:** 6

**Contact hours:** 3 per week

**GSN419 ORGANISATIONAL BEHAVIOUR 2**
Organisational Behaviour II is an elective unit that builds upon work completed in Organisational Behaviour I. The course provides an extensive analysis of human behaviour with particular emphasis on leadership theories. Topics include power and authority are examined with an emphasis on understanding political behaviour. Various psychological perspectives are used to understand the attributes, roles and tasks of leaders in contemporary business situations and the issues that impact on leadership, such as leader-follower interaction, power, ethics, leadership characteristics and leadership development.

**Incompatible with:** EFN406

**Credit points:** 6

**Contact hours:** 3 per week

**Campus offered:** GP

**Semester offered:** 2 (GP)

**GSN420 NEW VENTURE STRATEGY**
This unit builds upon the foundation developed in GSN410 to introduce the student to the field of entrepreneurship and business planning for a new venture. Topics include new venture marketing strategy, production and logistics, analysis of pro forma financial statements for the new venture, and funding options and sources. Students will examine and critique several business plans during the unit, and will be expected to complete basic screening and preliminary analyses on a new venture concept as part of the assessment.

**Incompatible with:** EFN406

**Credit points:** 6

**Contact hours:** 3 per week

**Campus offered:** GP

**Semester offered:** 1, 2, 3 (GP)

**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 sustain- ing competitive advantage, the origins of competitive advantage and incentives and agency problems.

**Incompatible with:** EFN406

**Credit points:** 6

**Contact hours:** 3 per week

**Campus offered:** GP

**Semester offered:** 1, 3 (GP)

**GSN422 BUSINESS LAW 2**
This unit builds upon the foundation laid by GSN412 and focuses on statutory and common law with respect to consumer protection, agency law, the law of torts with particular emphasis on professional negligence, and the fundamental legal concepts of taxation law.

**Incompatible with:** EFN406

**Credit points:** 6

**Contact hours:** 3 per week

**Campus offered:** GP

**Semester offered:** 1, 2, 3 (GP)

**GSN423 FINANCIAL MANAGEMENT 2**
This unit builds on the foundations of GSN413 and considers more advanced topics. It extends the analysis of firms’ decisions in the areas of investment, dividends and financial structure. Topics include capital budgeting, capital asset pricing, option and futures, risk management, dividend and financing policy, and an introduction to international finance.

**Incompatible with:** EFN406

**Credit points:** 6

**Contact hours:** 3 per week

**Campus offered:** GP

**Semester offered:** 2 (GP)
Campus offered: GP
Semester offered: 2 (GP2)

► Course TITLE: BUSINESS CONDITIONS
ANALYSIS 2
This unit, which builds on knowledge gained in GSN414, examines recent developments in econo-
mic theory and their effects on macroeconomic outcomes. Students are introduced to the key
macroeconomic schools of thought and the key issues included in the assumption of rational expec-
tations, the proposition that fiscal and monetary policy are ineffective, the maintenance of exter-
nal balance, the efficiency wage theory, menu costs, and insider-outsider models and game theory.
During these discussions, the relevance of these ideas for sound decision-making within the or-
ganisation will be addressed.
During these discussions, the relevance of these ideas for sound decision-making within the or-
ganisation will be addressed.

Credit points: 6
Contact hours: 3 per week
Course offered: GP
Semester offered: 2, 3 (GP1)

► GSN425 LEADERSHIP 2
This unit builds upon GSN415 to develop leader-
ship ability, utilising a conceptual framework for self-understanding and the development of the
individual's personal skills and attributes re-
quired to lead successfully in contemporary soci-
ety. It is designed to allow individuals a better understand-
ing of their own capacities as leaders.
It will use this understanding to design lead-
ership development strategies. Individuals will learn the principles of effective leadership and how
the leadership affects leadership decision-
making, vision building, organisational culture, the
use of power and teamwork. The focus is on the
development of self-awareness and im-
provement of the individual's capacity to under-
stand, communicate with the influence of others.

Courses: BS30, GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92
Prerequisites: GSN415
Credit points: 6
Contact hours: 3 per week
Course offered: GP
Semester offered: 1, 2, 3 (GP2)

► GSN426 BUSINESS PLANS 2
This unit is a continuation of GSN416 and cul-
minates in the writing and presentation of a for-
mal Business Plan. The business plan is the first of a three-part communication strategy between
new venture management and the potential in-
vester. The second and third stages (namely the
Presentation and the Question and Answer ses-
sion) are also considered in this unit. As part of
the final stage, students will submit their draft for
a formal Business Plan for a new venture of their choosing, and present their plan to the class.

Courses: BS30, GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92
Prerequisites: GSN416, GSN418, GSN427, GSN430, GSN432, GSN435
Credit points: 6
Contact hours: 3 per week
Course offered: GP
Semester offered: 1, 2, 3 (GP2)

► GSN430 NEW VENTURE FUNDING
This unit is concerned with the raising of funds in
international capital markets to establish, launch and expand new ventures. Sources of funding include self-funding, family and friends, Business Angels, Venture Capitalists and Banks.

Courses: BS30, GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92
Prerequisites: GSN404, GSN410
Corequisites: GSN418
Credit points: 6
Contact hours: 3 per week
Course offered: GP
Semester offered: 1, 2, 3 (GP2)

► GSN431 NEW VENTURE GROWTH &
TRANSITIONS
Many new ventures start successfully but then flounder as rapid growth, often into international markets, causes problems with production, dis-
tribution, product quality, employee morale, cash flow, financing and management's ability to
make the transition from the new and small firm to a rapidly growing company. If the firm is to
survive, the entrepreneur must successfully navigate the transition from 'hands on' involve-
m ent in every aspect of the business to a more detached strategic planning and senior manage-
ment role. This unit examines the issues involved in recognising the need for, planning for, and making that transition.

Courses: GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92
Prerequisites: GSN410, GSN404 (or GSN420)
Credit points: 6
Contact hours: 3 per week
Course offered: GP
Semester offered: 1, 2, 3 (GP2)

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vic, performance measurements and benchmarking, and post-occupancy evaluation.

Courses: GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92
Prerequisites: GSN436
Credit points: 6 Contact hours: 3 per week
Campus offered: GP
Semester offered: Not offered 2002

► GSN438 PRODUCTION & OPERATIONS MANAGEMENT

This unit introduces the student to the strategic management of an organisation's production system, which converts inputs into products and services. It covers the foundation of the conversion process, which falls to the Operations Manager, and this responsibility is increasingly global in scope. This unit is divided into two main areas: operations strategy (using quality, cost, efficiency, and cost as competitive weapons), forecasting and planning, designing and developing processes, and selecting production and production processes, selection of production technology and facility layout.

Courses: GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92
Prerequisites: GSN401
Credit points: 6 Contact hours: 3 per week
Campus offered: GP
Semester offered: 1, 2 (GP)

► GSN439 OPERATIONS & PRODUCTION MANAGEMENT 2

This unit builds on the foundation provided by GSN438 and concentrates on the practical aspects of operations management. It introduces key learning outcomes through a series of half-semester units focusing on Internet marketing. The rapid expansion of electronic commerce has made the Internet an essential tool for marketing professionals. Strategic Internet Marketing 1 is primarily issues-based and assumes a good understanding of the Internet and electronic commerce. It focuses on the key learning outcomes through international case studies on the European Union, the North American Free Trade Agreement, the East Asian economic crisis, and the transition economies in Eastern Europe.

Courses: GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92
Prerequisites: GSN414
Credit points: 6 Contact hours: 3 per week
Campus offered: GP
Semester offered: 1, 2 (GP)

► GSN440 RISK MANAGEMENT 1

This unit introduces the student to the strategic management of risk in modern corporate governance. It examines the place of risk management within the strategic processes of the modern corporation and the complexities brought about by an increasingly competitive international environment.

Courses: GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92
Prerequisites: GSN401
Credit points: 6 Contact hours: 3 per week
Campus offered: GP
Semester offered: 1, 3 (GP)

► GSN441 RISK MANAGEMENT 2

This unit extends the concepts addressed in GSN440 to include human resources risk, business issues such as financial risk, physical risk (asset management, fire, flood, siege etc). It further examines the place of risk management within the strategic processes of the modern corporation and the complexities brought about by an increasingly competitive international environment.

Courses: GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92
Prerequisites: GSN414
Credit points: 6 Contact hours: 3 per week
Campus offered: GP
Semester offered: 2 (GP)

► GSN442 PROJECT MANAGEMENT 1

This unit introduces the student to the strategic management of project management, to manage 'projects' as well as construction of new facilities, expansion to global markets, implementation of cultural change, technology system installation, or planning an annual convention, for example. This unit will impart the fundamental skills for both the conceptual and strategic aspects of project management. Topics include defining the project, strategic issues in project management, organizing and controlling project planning and project management. Students will complete a basic project management plan for a selected project as a major part of the assessment.

Courses: GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92
Prerequisites: GSN401
Credit points: 6 Contact hours: 3 per week
Campus offered: GP
Semester offered: 1, 3 (GP)

► GSN443 PROJECT MANAGEMENT 2

This is an interdisciplinary unit that provides managers with a thorough grounding in a number of contemporary issues within the international and political economy. Students are introduced to the management of expatriates through a series of international case studies on the European Union, the North American Free Trade Agreement, the East Asian economic crisis, and the transition economies in Eastern Europe.

Courses: GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92
Prerequisites: GSN414
Credit points: 6 Contact hours: 3 per week
Campus offered: GP
Semester offered: 2 (GP)

► GSN451 CONTEMPORARY ISSUES IN INTERNATIONAL POLITICS & ECONOMY

This is an interdisciplinary unit that provides managers with a thorough grounding in a number of contemporary issues within the international and political economy. Students are introduced to the management of expatriates through a series of international case studies on the European Union, the North American Free Trade Agreement, the East Asian economic crisis, and the transition economies in Eastern Europe.

Courses: GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92
Prerequisites: GSN414
Credit points: 6 Contact hours: 3 per week
Campus offered: GP
Semester offered: 2 (GP)

► GSN452 INTERNATIONAL HUMAN RESOURCE MANAGEMENT

This unit provides students with an understanding of the issues affecting the management of human resources in an international environment. The integrating theme to studying this area of HRM is the management of expatriates and their preparation, in-post support and eventual repatriation.

Courses: GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92
Prerequisites: GSN406
Credit points: 6 Contact hours: 3 per week
Campus offered: GP
Semester offered: 2 (GP)

► GSN453 ECONOMICS OF HEALTH & HEALTH CARE

This unit is concerned with applications of economics to problems of resource allocation in the health sector. The unit explores economic approaches to the production and health care services, as well as examining the special characteristics of health care markets. The role of insurance is considered and the various mechanisms for financing health care are investigated. The problem of market failure and the role of government in the health economy is a focal point in the unit.

Courses: GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92
Prerequisites: GSN411 or GSN414
Credit points: 6 Contact hours: 3 per week
Campus offered: GP
Semester offered: 2 (GP)

► GSN454 ECONOMICS OF INFORMATION & E-COMMERCE

This unit explores ways in which the durable principles of information economics may be applied to analyse the network, or '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, scale and scope economies, strategic alliances, and other issues pertinent to firm strategy in the network economy. Importantly, the impact of the network economy on firms that participate in e-commerce as well as those that do not, is explored.

Courses: GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92
Prerequisites: GSN411 or GSN414
Credit points: 6 Contact hours: 3 per week
Campus offered: GP
Semester offered: 2 (GP)
This unit provides students with an opportunity to increase their understanding of themselves and how their interactions with others impact on their effectiveness in an international context. Courses: GS10, GS11, GS12, GS13, GS85, GS86, GS87, GS90, GS91, GS92 Credit points: 6 Contact hours: 3 per week Incompatible with: GS208 Course offered: GP Semester offered: 2 (GP2)

HHB050 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 speaking Putonghua; reading and writing in Romanization system; introduction to Chinese characters. Course offered: GP Semester offered: 3 Incompatible with: HHB045

HHB051 INTRODUCTORY MANDARIN 1 This unit introduces students who have little or no prior knowledge of Chinese Mandarin to the four macro skills of listening, speaking, reading and writing through an integrated communicative approach to teaching. Content will include: the Mandarin sound and tonal systems; the Pinyin Romanization system; introduction to Chinese culture; character writing, greetings and introductions; family, identification of nationalities, places and objects, locations and directions. Courses: All Credit points: 12 Incompatible with: HHB450 Course offered: GP Semester offered: 3

HHB052 INTRODUCTORY MANDARIN 2 This subject continues to develop the four macro skills of listening, speaking, reading and writing through an integrated communicative approach. What follows is a 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 need to develop understanding of contextual aspects. Contact hours: 4 per week

HHB053 INTERMEDIATE MANDARIN This unit is an integral part of the overall Chinese Mandarin language program. Intermediate Mandarin is the first stage of the in-country study and successful completion of this subject is a prerequisite for entry into Advanced Mandarin, the second and final in-country subject which also carried 48 credit points. This unit continues to develop the four macro skills of listening, speaking, reading and writing through an integrated communicative approach. While the primary focus of the subject is language acquisition, total immersion in the language speaking environment provides a valuable insight into Chinese culture. Communicative competence to an intermediate level also provides a framework of basic principles for ethical decision-making. The roles of the individual and ethics in business decision making is explored through the use of international case studies. Students get the opportunity to evaluate, critically, the role of individual behaviour and ethical decision making, from a personal and a cultural perspective but as determinants of management and business effectiveness in an international context. Courses: GS10, GS11, GS12, GS13, GS85, GS86, GS87, GS90, GS91, GS92 Credit points: 6 Contact hours: 3 per week Incompatible with: GS208 Course offered: GP Semester offered: 2 (GP2)

HHB054 ADVANCED MANDARIN This unit is an integral part of the overall Chinese Mandarin language program and continues to develop the four macro skills of listening, speaking, reading and writing through an integrated communicative approach. While the primary focus of the subject is language acquisition, total immersion in the language speaking environment provides a valuable insight into Chinese culture. Language immersion is a major contributing factor in bringing students to a level of language proficiency beyond that which is attainable in an Australian-based academic program of equivalent duration. Courses: All Prerequisites: HHB053 Credit points: 48 Incompatible with: HHB456 Semester offered: 2

HHB056 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, HH02, IF34, IF70, IF81, IF82, IF83, IF84, IF85, IF86, IF90, IF91, IF92 Credit points: 12 Incompatible with: HUB646

HHB057 INTERNATIONAL SUMMER SCHOOL OR Equivalent Four to six weeks of concentrated learning at an approved institution. Courses: BS50, ED50, HH01, HH02, HH03, IF34, IF70, IF81, IF82, IF83, IF84, IF85, IF86, IF90, IS50, IS60 Credit points: 24 Incompatible with: HUB647

HHB058 IN-COUNTRY STUDY - A An approved course of study at a designated foreign institution. Courses: ED50, HH01, HH02, HH03, IF34, IF70, IF81, IF82, IF83, IF84, IF85, IF86, IF90, IS50, IS60 Credit points: 48 Incompatible with: HUB648

HHB059 IN-COUNTRY STUDY - B An approved course of study at a designated foreign institution for one semester. Courses: HH01, HH02, HH03, IF34, IF70, IF81, IF82, IF83, IF84, IS50, IS60 Credit points: 12 Incompatible with: HUB461

HHB060 FRENCH FOR THE TOURISM INDUSTRY This unit should be of interest to anyone wanting to work in the tourism industry overseas or in Australia. It concentrates on the development of communicative skills with a special focus on the tourism and hospitality industry. Prerequisites: 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) Credit points: 12 Contact hours: 4 per week Incompatible with: HUB450 Semester offered: 1

HHB061 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. Courses: BS56, ED56, ED58, HH01, HH02, HH03, IF34, IF70, IF34, IF85, IF86, IF87, IS30, IS50, IS60 Credit points: 12 Contact hours: 4 per week Incompatible with: HUB670 Campus offered: GP Semester offered: 1, 2

HHB062 FRENCH 2 Aims to develop 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, ED56, ED58, HH01, HH02, HH03, IF34, IF70, IF34, IF85, IF86, IF87, IS30, IS50, IS60 Credit points: 12 Contact hours: 2 per week Incompatible with: HUB677 Campus offered: GP Semester offered: 2

Prerequisites: HUB670 Credit points: 12 Contact hours: 4 per week Incompatible with: HUB671 Campus offered: GP Semester offered: 2, 3

HHB063 FRENCH 3 The course concentrates on developing speaking confidence in social conversations, with some work on reading and writing skills. The course encourages students to make contacts in the French speaking community in Britain or elsewhere. Courses: BS56, ED50, ED51, HH01, HH02, HH03, IF34, IF70, IF81, IF82, IF83, IF84, IF86 IF70, IS30, IS50, IS56, IS60 Credit points: 12 Contact hours: 4 per week Incompatible with: HUB672 Campus offered: GP Semester offered: 3

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, HH02, HH03, IF34, IF70, IF81, IF82, IF83, IF84, IF86, IS30, IF90, IS60 Credit points: 12 Contact hours: 4 per week Incompatible with: HUB673 Campus offered: GP Semester offered: 3

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, HH02, HH03, IF34, IF70, IF81, IF82, IF83, IF84, IF86, IS30, IS50, IS60 Credit points: 12 Contact hours: 4 per week Incompatible with: HUB674 Campus offered: GP Semester offered: 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 arguments and research for working in Europe or in French-speaking companies in Australia. Students have the option of sitting for the Certificat Pratique de Francais Commercial et Economique. Courses: BS56, ED50, ED51, HH01, HH02, HH03, IF34, IF70, IF81, IF82, IF83, IF84, IF86, IS30, IS50, IS60 Credit points: 12 Contact hours: 4 per week Incompatible with: HUB674 Campus offered: GP Semester offered: 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 Francais Commercial et Economique. Courses: BS56, ED50, ED51, HH01, HH02, HH03, IF34, IF70, IF81, IF82, IF83, IF84, IF86, IS30, IS50, IS60 Credit points: 12 Contact hours: 4 per week Incompatible with: HUB674 Campus offered: GP Semester offered: 2

Prerequisites: HUB670 Credit points: 12 Contact hours: 4 per week Incompatible with: HUB671 Campus offered: GP Semester offered: 2

HHB068 FRENCH 8 This course 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, HH02, HH03, IF34, IF70, IF81, IF82, IF83, IF84, IF86, IF70, IS30, IS50, IS60 Credit points: 12 Contact hours: 2 per week Incompatible with: HUB677 Campus offered: GP Semester offered: 2

Prerequisites: HUB670
Incompatible with:

These entry level units aim 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 in about basic needs in a more familiar and predictable settings.

Credit points:

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Contact hours:

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**UNIT SYNOPSES**

► **HHB088 JAPANESE 8**

Practical skills for use in a business or other work-related environment are developed. There 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 operations of Japanese companies, using polite language and presenting a business plan in Japanese. Kanji knowledge is extended beyond polite language and presenting a business plan in the structure of Japanese companies, using work-related environment are developed. These

Credit points: 12  Contact hours: 4 per week Incompatible with: HUBB67

Campus offered: GP  Semester offered: 1 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, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60

Credit points: 12  Contact hours: 4 per week Incompatible with: HUBB75

Campus offered: GP  Semester offered: 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, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60

Credit points: 12  Contact hours: 4 per week Incompatible with: HUBB75

Campus offered: GP  Semester offered: 1 2

► **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, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60

Credit points: 12  Contact hours: 4 per week Incompatible with: HUBB75

Campus offered: GP  Semester offered: 1 2 3

► **HHB094 GERMAN 4**

Central to this videodisc are activities 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, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60

Credit points: 12  Contact hours: 4 per week Incompatible with: HUBB75

Campus offered: GP  Semester offered: 1

► **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 literate text.

Courses: BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF70, IF81, IF82, IF83, IF84, IF86, IF70, SC30, SS60

Credit points: 12  Contact hours: 4 per week Incompatible with: HUBB738

Campus offered: GP  Semester offered: 2

► **HHB096 GERMAN 6**

Two streams: (1) Students expand their knowledge 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

Credit points: 12  Contact hours: 4 per week Incompatible with: HUBB740

Campus offered: GP  Semester offered: 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

Credit points: 12  Contact hours: 4 per week Incompatible with: HUBB740

Campus offered: GP  Semester offered: 2

► **HHB098 GERMAN 8**

Students continue their journey in German literature but explore issues related to computer and technology applications, tools and terminology increase competencies in this area.

Courses: BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60

Credit points: 12  Contact hours: 4 per week Incompatible with: HUBB741

Campus offered: GP  Semester offered: 2

► **HHB100 INTRODUCTION TO HUMAN SERVICES**

This unit provides an introduction to human services and locates this within the broader context of the welfare system. Examines both the historical and global 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: BS56, SS60

Credit points: 12  Contact hours: 3 per week Incompatible with: HSB110

Campus offered: CA  Semester offered: 1

► **HHB101 UNDERSTANDING SOCIETY: AN INTRODUCTION TO SOCIOLOGY**

This unit introduces students to the way sociological theories introduce students to the way sociological theories 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: HH01

Credit points: 12  Contact hours: 3 per week Incompatible with: HSB110

Campus offered: CA  Semester offered: 2

► **HHB102 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 to the impact of factors such as age, ability, gender, culture and class, and the identification and exploration of key processes in human development. Students become informed about theories from a range of disciplines and develop a critical 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: HH01

Credit points: 12  Contact hours: 3 per week Incompatible with: HSB110

Campus offered: CA  Semester offered: 2

► **HHB103 CONTEMPORARY SOCIAL & 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 sociological framework thus providing students with both knowledge and analytical skills that are necessary for the ongoing exploration of sociology. 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 and the role of the service worker as a participant in civil society.

Courses: HH02

Credit points: 12  Contact hours: 3 per week Incompatible with: HSB112

Campus offered: CA  Semester offered: 1

► **HHB104 UNDERSTANDING SOCIETY: THE SOCIETY AND CHANGE MAJOR**

This unit introduces students to the way sociological theories approach the understanding of the social world in general and Australian society in particular. The following important social issues are covered throughout the semester. Firstly, students will learn about the role and significance of sociology and sociological 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. It is essential that social science students have a good grasp of these concepts. Last but not the least, the aim of this unit is to broaden your knowledge and to contribute to the broadening of the student’s sociological understanding.

Courses: PU49, SS60, HH01, HU20, HU22, ED50, IF30, IF36, IF43, IF70, IF81, IF82, IF86

Credit points: 12  Contact hours: 3 per week Incompatible with: HUBB739

Campus offered: CA  Semester offered: 1

► **HHB105 INTERPRETING 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 concerned 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 explores qualitative, quantitative, 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. This unit illustrates the key contributions made by these three aspects to an understanding of specific changes you have experienced.

Courses: HH01

Credit points: 12  Contact hours: 3 per week Incompatible with: HUBB739

Campus offered: CA  Semester offered: 2

► **HHB106 AUSTRALIAN SOCIETY AND CULTURE**

Historical, political, economic and cultural information about Australia and Australian societal, religious, frontier and rural Australia; the historical and future role of technology in Australia.

Courses: ED50, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF86, SS60

Credit points: 12  Contact hours: 3 per week Incompatible with: HHB739

Campus offered: CA  Semester offered: 1

► **HHB107 WORLD REGIONS**

Overview of world regional geography. It high lights 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 regions.

Courses: ED50, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF86, SS60

Credit points: 12  Contact hours: 3 per week Incompatible with: HHB739

Campus offered: CA  Semester offered: 1

► **HHB109 AUSTRALIAN HISTORICAL STUDIES**

Public access to History is increasing, but what is told about the past in books, plays, films, en vironmental, documentary and audiovisual media, and national celebrations is contested, uncertain,
and controversial. Who should tell history, what should be told and what should be left out are matters that are no longer dominated by celebratory, chronological narratives. Multidisciplinary approaches, alternative viewpoints and a wide range of media are now used to teach private, family, community and national myths and stories. Current Australian historical studies, research and teaching reflect these uncertainties.

Courses: HH01
Credit points: 12  Contact hours: 3 per week
Campus offered: CA  Semester offered: 2

HHB110 INTRODUCTION TO INTERNATIONAL & GLOBAL STUDIES

This unit introduces students to a range of 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, HH20, HH22, SS60, IF30, IF36, IF43, IF70, IF81, IF82, IF86
Credit points: 12  Contact hours: 3 per week  Incompatible with: HUB221
Semester offered: CA  Semester offered: 1

HHB111 ISSUES IN INTERNATIONAL & GLOBAL STUDIES

The forces of internationalisation and globalisation represent a significant shift in the way people relate to each other in their 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 challenges, and to develop skills in analysis, research and reporting, and on-line discussions.

Courses: HH01, HH20, HH22, SS60, IF30, IF36, IF43, IF70, IF81, IF82, IF86
Credit points: 12  Contact hours: 3 per week  Incompatible with: HUB222
Campus offered: CA  Semester offered: 2

HHB112 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, HH20, HH22, IF36, ED50, ED51, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60
Credit points: 12  Contact hours: 3 per week  Incompatible with: HUB222
Campus offered: CA  Semester offered: 2

HHB113 INTERPERSONAL COMMUNICATION

Interpersonal 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: HH01, HH20, SS60
Credit points: 12  Contact hours: 3 per week  Incompatible with: PYB052, HSBS052
Campus offered: CA  Semester offered: 2

HHB114 INTRODUCTION TO HUMAN RIGHTS

This unit locates human rights in a broad political, legal, social, cultural and economic context. The unit is designed on a number of academic disciplines. It consistently connects academic considerations to contemporary international, regional and national human right events. Thus, students may, in particular, disciplinary contexts, explore topics such as child soldiers and trafficking and investigating 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, IF43, IF80
Credit points: 12  Contact hours: 3 per week  Incompatible with: HSB002
Campus offered: CA  Semester offered: 2

HHB115 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, HH20, HH22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, SS60
Credit points: 12  Contact hours: 3 per week  Incompatible with: HUB001
Campus offered: CA  Semester offered: 2

HHB116 APPLIED SKILLS AND SCHOLARSHIP

This unit aims to introduce students to key aspects of important generic attributes which QUT graduates are expected to acquire across the period of their studies. The unit is organized into two broad sections: an initial six weeks module focussing upon information literacy and relating to both information literacy and technological literacy and a seven week module in which students apply these skills in a discipline specific context, while also being introduced to important understandings about research techniques and academic literacy. The unit is assessed on a pass/fail basis.

Courses: HH01, HH20, HH22, IF43, IF30, IF70, IF81, IF82, IF86
Credit points: 12  Contact hours: 3 per week  Incompatible with: HUB000
Campus offered: CA  Semester offered: 1, 2

HHB117 INTRODUCTION TO SOCIAL RESEARCH

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: HH01, HH20, HH22, SS60, IF43, IF70, IF81, IF82, IF86
Credit points: 12  Contact hours: 3 per week  Incompatible with: HUB004
Campus offered: CA  Semester offered: 1

HHB120 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 broad groups: those constituted by the law and those constituted by ethics. This unit has been designed to provide students with the opportunity to develop a reflective understanding of the place of law and ethics in nursing and a professional awareness of current legal statutes in ethical issues as they apply to nursing practice.

Courses: NS40, NS48
Credit points: 12  Contact hours: 3 per week  Incompatible with: HUB009
Campus offered: KG  Semester offered: 2

HHB121 INTERPRETING THE PAST

Examines how the history discipline deals with the past, including, among other things, evidence and interpretation. Investigates from a critical perspective the status and value of historical knowledge, its construction, dissemination and meaning.

Courses: ES50, HH01, HH20, HH22, HH23, IF36, IF37, IF70, IF81, IF82, IF83, IF84, IF85, IF86
Credit points: 12  Contact hours: 3 per week  Incompatible with: HUB649
Campus offered: CA  Semester offered: 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: ES50, ED51, HH01, HH20, HH22, IF36, IF37, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60
Credit points: 12  Contact hours: 3 per week  Incompatible with: HUB610
Campus offered: CA  Semester offered: 2

HHB200 WORKING IN HUMAN SERVICE ORGANISATIONS

Service quality and the organisational dimension; industrialisation and development of human service work organisations; power based and empowering organisations; organisational cultures and gender; personal skills and workplace learning; stress and health; and stress management; interpersonal skills for working collaboratively and resolving disagreement.

Courses: HH02, HH07
Prerequisites: HSB110, HSB120
Credit points: 12  Contact hours: 3 per week  Incompatible with: HSB213
Campus offered: CA  Semester offered: 2

HHB201 INITIAL PROFESSIONAL PRACTICE

One enrolled Bachelor of Social Science (Human Services) students can undertake this unit. It provides students with an orientation to the human services industry and the legal 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 are assessed using the curriculum for the different types of human services practice.

Courses: HH02, HH07
Credit points: 24  Incompatible with: HSB201
Campus offered: CA  Semester offered: 1

HHB203 AGED SERVICES: INTRODUCTION

This unit focuses specifically on human service work with older adults. It introduces the developmental, social and cultural environment that 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
Credit points: 12  Contact hours: 3 per week  Incompatible with: HSB213
Campus offered: CA  Semester offered: 1

HHB204 CHILD AND FAMILY SERVICES: INTRODUCTION

This unit introduces students to child and family welfare services and focuses on approaches to supporting families and promoting change. Students gain an overview of contemporary family groups 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 rationale for and strategies associated with family-centred and empowering approaches. Dilemmas associated
that service outcomes are effective and efficient. This unit compares and contrasts casework and case management approaches to service delivery across a variety of practice contexts and scenarios. Students explore and analyse primary skills, tasks and roles of casework, referrals, problem based learning and the reviews and design and modification of a casework intervention for a particular practice context. Assessment is a scenario based exam and project paper.

Courses: HH01, HS07, SS60
Credit points: 12
Contact hours: 3 per week
Semester offered: 2
► HHB221 INTERVENTION AND METHODS

Sound human services practice involves the assessment of complex social conditions 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 theories, perspectives and models. Students are assisted toward the development of their initial framework for human services practice. Its particular focus is on 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
Credit points: 12
Contact hours: 4 per week
Semester offered: 1
► HHB222 HUMAN SERVICE PRACTICE: LEGAL DIMENSION

This unit focuses on the connection between the law and human services practice. Its particular focus is on 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
Credit points: 12
Contact hours: 3 per week
Semester offered: 2
► HHB224 QUALITATIVE RESEARCH METHODS

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 places in the urban and rural context; spatial divides for cultural and symbolic expression; understanding the way inequality can and is reproduced through the configuration and management of space; understanding the role and uses of public space; and how the public space is used and experienced by particular sections of the community e.g. young people; key issues in public space configuration, management and design (e.g. enhancing social inclusion, safety and security, links between the economic and social, new urbanism; emerging theory and ideas about the configuration and management of public space, and how public space is used and experienced by particular sections of the community). 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UNIT SYNOPSES

the analysis of spoken interaction through conversation analysis and Goffman’s concept of footing and turn-taking for analyzing and assessing qualitative interviews.

Courses: HH01, PY07, SS60, HU20, HH22, IF30, IF36, IF43, IF70, IF81, IF82, IF86, ED50
Prerequisites: SSBB69 or HUB133
Credit points: 12 Contact hours: 3 per week Incompatible with: HUB20
Campus offered: CA Semester offered: 1

► HHB225 POLITICAL SOCIOLOGY
This unit examines a variety of sociological themes that might broadly be termed political. Courses: HH01, HH03, HU22, SS60, HU20, IF30, IF36, IF70, IF81, IF82, IF86
Credit points: Nil Contact hours: 12 Credit points: 3 Contact hours: 3 per week Incompatible with: HUB20
Campus offered: CA Semester offered: 2

► HHB226 CONSUMING CULTURES
Courses: HH01, HU20, SS60, HU20, IF30, IF36, IF70, IF81, IF82, IF86
Prerequisites: Nil
Credit points: 12 Contact hours: 3 per week Incompatible with: HUB134
Campus offered: CA Semester offered: 2

► HHB227 ENVIRONMENT AND SOCIETY
A geographical, systems approach to investigating 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 skills will be fostered.
Courses: ED50, HH01, HU20, HH22, IF36, IF43, IF70, IF81, IF82, IF84, IF86, IF30, SS60
Credit points: 12 Contact hours: 3 per week Incompatible with: HUB20
Campus offered: CA Semester offered: 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, preparedness, response and recovery strategies. Courses: ED50, HH01, HU20, HH22, IF36, IF43, IF70, IF81, IF82, IF84, IF86, IF30, SS60
Credit points: 12 Contact hours: 3 per week Incompatible with: HUB20

Campus offered: CA Semester offered: 2

► HHB229 WINDOWS ON JAPAN
The focus is on 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, HH22, IF36, IF43, IF70, IF81, IF82, IF84, IF86, IF30, SS60
Credit points: 12 Contact hours: 3 per week Incompatible with: HUB220
Campus offered: CA Semester offered: 2

► HHB230 POLITICAL BEHAVIOUR
Topics covered include political socialisation and party identification, political culture and identity, theories of power and values, support for minor political parties, political campaigns and political parties, issue leaders and local candidates, connections between elite and mass political behaviour and political participation.
Courses: SS60, HH01, HU22, HU20, IF30, IF36, IF70, IF81, IF82
Credit points: 12 Contact hours: 3 per week Incompatible with: HUB126
Campus offered: CA Semester offered: 2

► HHB231 HEALTH, SOCIETY AND ENVIRONMENT
Provides sociological analysis of the health care models and institutions, healing relationships between patient 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 perspective. 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, IF30, IF36, SS48, IF30, IF36, IF70, IF81, IF82, IF86
Credit points: 12 Contact hours: 3 per week Incompatible with: HUB127
Campus offered: CA Semester offered: 2

► 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 survey research and 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, HH22, IF30, IF36, IF43, IF70, IF81, IF82, IF86
Prerequisites: Nil or SSBB00
Credit points: 12 Contact hours: 3 per week Incompatible with: HUB130
Campus offered: CA Semester offered: 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 various perspectives for research strategies will be considered with reference to feminist philosophers of science and metaethicists such as Sandra Harding and Dorothy Smith.
Courses: SS07, SS60, HH01, HU22, HU20, IF30, IF36, IF43, IF70, IF81, IF82, IF86
Credit points: 12 Contact hours: 3 per week Incompatible with: HUB131
Campus offered: CA Semester offered: 1

► HHB234 SOCIOLOGICAL THEORY
Examines some of the major sociological theories and sociological analysis. It covers a range of theoretical approaches and looks at their application in social and political situations. Students are encouraged to see the social world as an exploratory milieu that 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, 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
Credit points: 12 Contact hours: 3 per week Incompatible with: HUB133
Campus offered: CA Semester offered: 1

► HHB236 VIRGINS, SAINTS & SINNERS: SOCIOLOGY OF RELIGIOUS EXPERIENCE
This unit explores the role that religions and various forms of spirituality play in contemporary social processes. It will discuss religious and spiritual movements, civil religion, sex and Christianity, and deviance. Students will be given insights into a variety of theories, 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
Credit points: 12 Contact hours: 3 per week Incompatible with: HUB133
Campus offered: CA Semester offered: 1

► HHB238 ASIAN CULTURES AND SOCIETIES
This is an introductory survey of Asian societies and cultures. It presents an overview of major 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
Credit points: 12 Contact hours: 3 per week Incompatible with: HUB331
Campus offered: CA Semester offered: 1

► HHB239 KOREAN CULTURE AND SOCIETIES
Korea has important trading, traditional 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 Confucianism, Buddhism and Confucianism. The unit will examine the experiences in Korea of colonialism, communism and modernization. Students will be 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, IF30, IF81, IF82, IF86
Credit points: 12 Contact hours: 3 per week Incompatible with: HUB332
Campus offered: CA Semester offered: 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 this a range of forms of crime and deviance, and the unit will cover the theoretical and methodological skills necessary to collect, analyse 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.). It is intended to be a relevant unit for all students studying in the Dentistry, Social Science majors, especially Politics, Ap...
UNIT SYNOPSES

HHB235 POLITICAL IDEOLOGIES

Political economy of production; form of economic calculation and theories of value, profit and interest; ownership and control of production in market and non-market settings.

Campuses: HH1, HH02, HH22, HH36, HH43, HH47, HH50, HH52, HH56, HH60
Credit points: 12
Contact hours: 3 per week
Incompatible with: HUB753
Campus offered: CA
Semester offered: 1

HHB268 VULNERABLE IDENTITIES

Considers vulnerability and the experiences of persons who are vulnerable due to exploitation, abandonment, confusion or suffering and other unethical practices; ways of relating with the vulnerable; students develop a richer appreciation for others as well as their own identities.

Campuses: HH1, HH02, HH22, HH36, HH43, HH47, HH50, HH52, HH56, HH60
Credit points: 12
Contact hours: 3 per week
Incompatible with: HUB755
Campus offered: CA
Semester offered: 2

HHB269 ETHICS, TECHNOLOGY AND THE ENVIRONMENT

Examines how decisions about new technologies and the environment are based not solely on factual evidence but also on ethical judgements; whether values mean the same for the environment, human beings and non-human animals, whether moral concerns have independent value for both humans and non-human animals.

Campuses: HH1, HH02, HH22, HH36, HH43, HH47, HH50, HH52, HH56, HH60
Credit points: 12
Contact hours: 3 per week
Incompatible with: HUB755
Campus offered: CA
Semester offered: 1
Courses: HH01, HU20, HU22, IF36, IF43, IF81, IF82, IF83, IF84, IF86, IF30, SS60

Credit points: Nil
Corequisites: Nil
Credit points: 12
Contact hours: 3 per week
Incompatible with: HUB575

Campus offered: CA
Semester offered: 2

► HHB270 HUMAN RIGHTS: INTERNATIONAL & 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 systems in the protection, promotion and realization of civil, political, economic, social, cultural, and development rights. Academic deliberations are located in a number of concrete human rights issues and situations. The unit places significant emphasis on the development of analytical capacities and interventionist skills essential for those engaged in human rights activism at the international and regional level. Extensive use is made of the Internet and media. Assessment options allow students to present work in a variety of forms.

Courses: HH01
Prerequisites: Nil
Corequisites: Nil
Credit points: 12
Contact hours: 3 per week
Incompatible with: HUB5003

Campus offered: CA
Semester offered: 1

► HHB275 HUMAN RIGHTS: AUSTRALIAN ACTIVISM This unit encourages students to consider the transformative nature of human rights activism within the Australian domestic context. It examines the relationship between the international human rights system and the domestic human rights regime. The unit gives particular attention to the social construction of rights and examines Australian human rights from political economy, gender, power, culture, and indigenous perspectives. It critically reviews the effectiveness of the domestic human rights system in the protection, promotion and realization of civil, political, economic, social, cultural, and development rights. The unit places significant emphasis on the development of analytical capacities and interventionist skills essential for those engaged in human rights activism at the domestic level.

Courses: HH01
Prerequisites: Nil
Corequisites: Nil
Credit points: 12
Contact hours: 3 per week
Incompatible with: HUB5003

Campus offered: CA
Semester offered: 2

► HHB300 CURRENT DEVELOPMENTS IN HUMAN SERVICES This unit builds on the knowledge, skills and abilities developed in Aged Services: Introduction. Issues around the health and wellbeing of older people and their families are explored with an emphasis on understanding 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, care-giving and ageing. This unit will allow students to attend university workshops and complete university requirements including a job application and reflective assignment.

Courses: HS07
Prerequisites: HSB201, HSB218, HSB228, HSB211, HSB310
Credit points: 36
Incompatible with: HSB301
Campus offered: CA
Semester offered: 2

► HHB303 ADVANCED PROFESSIONAL PRACTICE

This unit builds on the knowledge, skills and abilities developed in Aged Services: Introduction. Issues around the health and wellbeing of older people and their families are explored with an emphasis on understanding 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, care-giving and ageing. This unit will allow students to attend university workshops and complete university requirements including a job application and reflective assignment.

Courses: HS07
Prerequisites: HSB213
Credit points: 12
Contact hours: 3 per week
Incompatible with: HSB324
Campus offered: CA
Semester offered: 1

► HHB304 CHILD AND FAMILY SERVICES: ADVANCED

Work with diverse service groups; 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; families and parents involuntarily receiving services; application of skills in ethical decision-making, policy development, interprofessional processes and group work.

Courses: HH02, HH07, HH03, SS60
Prerequisites: Nil
Credit points: 12
Contact hours: 3 per week
Incompatible with: HSB324
Campus offered: CA
Semester offered: 1

► HHB305 COGNITIVE SERVICES: ADVANCED

Designed to enhance students’ knowledge and understanding of contemporary issues currently facing mental health services; research and evidence based practice, mental health and disability; community based practice; independent practice, service management and ethics. This unit will allow students to attend university workshops and complete university requirements including a job application and reflective assignment.

Courses: HUB139
Prerequisites: Nil
Credit points: 12
Contact hours: 3 per week
Incompatible with: HUB633
Campus offered: CA
Semester offered: 2

► HHB315 SEX AND DRUGS IN SOUTH EAST ASIA

This unit focuses on the social, cultural, economic and political impacts of the drug trade and the sex trade in Southeast Asia including both the historical dimensions of these phenomena as well as their contemporary aspects. The unit will examine 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, IF36, IF43, IF70, IF81, IF82, IF84, IF86, IF30, SS13, SS60
Credit points: 12
Contact hours: 3 per week
Incompatible with: HUB688
Campus offered: CA
Semester offered: 1

► HHB316 SOCIAL WORK PRACTICE IN HUMAN RIGHTS

Designed to develop research and writing skills, and provide an introduction to the key issues in social work practice in human rights. The unit will allow students to attend university workshops and complete university requirements including a job application and reflective assignment.

Courses: HH02, HH03, SS70, SS60
Prerequisites: HS216
Credit points: 12
Contact hours: 3 per week
Incompatible with: HSB326
Campus offered: CA
Semester offered: 1

► HHB317 CRITICAL HUMAN RIGHTS

This course focuses on the ethical and moral dimensions of direct practice as an integral part of the unit.

Courses: HH01, HH02, HH03, SS60
Prerequisites: HS227, HS310
Credit points: 12
Contact hours: 3 per week
Incompatible with: HSB327
Campus offered: CA
Semester offered: 2

► HHB318 GENDER IN SOCIAL WELFARE

Examines the role of gender in shaping social welfare delivery. This unit will allow students to attend university workshops and complete university requirements including a job application and reflective assignment.

Courses: HUB139
Prerequisites: HUB324
Credit points: 12
Contact hours: 3 per week
Incompatible with: HUB139
Campus offered: CA
Semester offered: 2

► HHB319 SOCIAL WELFARE POLICY

This unit explores the impact of change in welfare state for human service practitioners, service providers, and consumers. It integrates knowledge and practice in understanding the ethical dilemmas inherent in human service provision with particular relevance to people with a disability.

Courses: HH01, HH02, HH03, SS70, SS60
Prerequisites: HSB216
Credit points: 12
Contact hours: 3 per week
Incompatible with: HSB326
Campus offered: CA
Semester offered: 1

► HHB320 SOCIAL WORK PRACTICE IN HUMAN RIGHTS

This unit explores the impact of change in welfare state for human service practitioners, service providers, and consumers. It integrates knowledge and practice in understanding the ethical dilemmas inherent in human service provision with particular relevance to people with a disability.

Courses: HH01, HH02, HH03, SS70, SS60
Prerequisites: HSB216
Credit points: 12
Contact hours: 3 per week
Incompatible with: HSB326
Campus offered: CA
Semester offered: 1

► HHB321 SOCIAL WORK PRACTICE IN HUMAN RIGHTS

This unit explores the impact of change in welfare state for human service practitioners, service providers, and consumers. It integrates knowledge and practice in understanding the ethical dilemmas inherent in human service provision with particular relevance to people with a disability.

Courses: HH01, HH02, HH03, SS70, SS60
Prerequisites: HSB216
Credit points: 12
Contact hours: 3 per week
Incompatible with: HSB326
Campus offered: CA
Semester offered: 1

► HHB322 SOCIAL WORK PRACTICE IN HUMAN RIGHTS

This unit explores the impact of change in welfare state for human service practitioners, service providers, and consumers. It integrates knowledge and practice in understanding the ethical dilemmas inherent in human service provision with particular relevance to people with a disability.

Courses: HH01, HH02, HH03, SS70, SS60
Prerequisites: HSB216
Credit points: 12
Contact hours: 3 per week
Incompatible with: HSB326
Campus offered: CA
Semester offered: 1

► HHB323 SOCIAL WORK PRACTICE IN HUMAN RIGHTS

This unit explores the impact of change in welfare state for human service practitioners, service providers, and consumers. It integrates knowledge and practice in understanding the ethical dilemmas inherent in human service provision with particular relevance to people with a disability.

Courses: HH01, HH02, HH03, SS70, SS60
Prerequisites: HSB216
Credit points: 12
Contact hours: 3 per week
Incompatible with: HSB326
Campus offered: CA
Semester offered: 1

► HHB324 SOCIAL WORK PRACTICE IN HUMAN RIGHTS

This unit explores the impact of change in welfare state for human service practitioners, service providers, and consumers. It integrates knowledge and practice in understanding the ethical dilemmas inherent in human service provision with particular relevance to people with a disability.

Courses: HH01, HH02, HH03, SS70, SS60
Prerequisites: HSB216
Credit points: 12
Contact hours: 3 per week
Incompatible with: HSB326
Campus offered: CA
Semester offered: 1

► HHB325 SOCIAL WORK PRACTICE IN HUMAN RIGHTS

This unit explores the impact of change in welfare state for human service practitioners, service providers, and consumers. It integrates knowledge and practice in understanding the ethical dilemmas inherent in human service provision with particular relevance to people with a disability.

Courses: HH01, HH02, HH03, SS70, SS60
Prerequisites: HSB216
Credit points: 12
Contact hours: 3 per week
Incompatible with: HSB326
Campus offered: CA
Semester offered: 1

► HHB326 SOCIAL WORK PRACTICE IN HUMAN RIGHTS

This unit explores the impact of change in welfare state for human service practitioners, service providers, and consumers. It integrates knowledge and practice in understanding the ethical dilemmas inherent in human service provision with particular relevance to people with a disability.
UNIT SYNOPSES

Credit points: 12 Incompatible with: HUB954
Campus offered: CA

► HHB405 INDEPENDENT PROJECT 2
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, HH03, SS60
Credit points: 12 Incompatible with: HUB955
Campus offered: CA

► HHB328 RESEARCH APPLYING APPLIED ETHICS
Examines the different methods that characterise contemporary research in Applied Ethics. The historical emergence of Applied Ethics, the key assumptions that underpin the various methodologies, and the current critical debates on method are key topics considered in this unit.
Courses: HH01, HU20, HU22, HU21, NS40, NS48
Credit points: 12 Contact hours: 3 per week Incompatible with: HUB758
Campus offered: CA Semester offered: 2

► HHB330 INTERNSHIP PROGRAM
Opportunity for students to be placed in an appropriate, workplace setting to gain work related to their studies. This unit may be taken over one semester or extended to cover two.
Courses: HH16
Credit points: 24 Incompatible with: HUB952
Campus offered: CA Semester offered: 1, 2, 3

► HHB400 HUMAN SERVICES
Reserve HUB901-902
This unit involves the design and initial development of the dissertation topic. This includes the literature review. HHB400-405 involve further research and completion of honours dissertation under the direction of a supervisor. Seminars provide a formal forum and opportunity for the discussion of research projects and problems associated with research and writing and enable staff and students to share the outcomes of their scholarly activities.
Courses: HH22, HS14
Contact hours: 12 per component Incompatible with: HSP413
Campus offered: CA

► HHB402 RESEARCH COLLOQUIUM
Provides a forum for the discussion of problems associated with research and writing. Allows students to share with each other the outcomes of their scholarly activities. Invited researchers will provide insights into the research process.
Courses: HH23, SS13
Credit points: 12 Contact hours: 2 per week Incompatible with: HUB124
Campus offered: CA Semester offered: 2

► HH301 LITERATURE REVIEW
A supervised program in the Honours student's chosen area of specialisation. An assessed critical paper on literature relevant to the Honours dissertation topic will be prepared.
Courses: HH21, HH23, HH21, SS13
Prerequisites: HU20, HU22, SS60, SS07 or equivalent
Credit points: 12 Incompatible with: HUB901
Campus offered: CA Semester offered: 1

► HHB404 HONOURS DISSERTATION 1
Supervised development and initial development of Honours dissertation leading to completion of a thesis outline, including synopses and projected chapters, and a statement of objectives, methods and sources.
Courses: HH21, HH23, HH21, SS13
Prerequisites: HU20, HU22, SS60, SS07 or equivalent
Credit points: 12 Incompatible with: HUB902
Campus offered: CA Semester offered: 1

► HHB405 HONOURS DISSERTATION 2 (1-2)
Supervised research and writing of the Honours dissertation, normally between 12,000 and 15,000 words.
Courses: HH21, HH23, HH21, SS13
Prerequisites: HU20, HU22, SS60, SS07 or equivalent, HUB901 and HUB902
Credit points: 30 Incompatible with: HUB902
Campus offered: CA Semester offered: 2

► HHB410 LOGIC OF SOCIAL INQUIRY
This unit assists students to address crucial questions of research methodology in the construction and conduct of both qualitative and quantitative research projects. The students are guided through tasks such as identifying the purpose and contribution of their work, designs appropriate for theory construction and testing, hypothesis formation, techniques pertaining to operationalising their concepts, and addressing issues of reliability and validity. These are then applied to specific methodological such as case study, comparative research, experimental research and the analysis of qualitative and quantitative data. Attention is also given to the design and construction of conceptual work in the case of theoretical research projects.
Courses: HH31, HH21, HH23, HH21, SS13, PFY9, FY20
Credit points: 12 Contact hours: 3 per week Incompatible with: FYB545
Campus offered: CA Semester offered: 1

► HHB003 AGED SERVICES - GRADUATE STUDIES
This unit engages students in analysing national and international issues relating to the broad field of aged services through comparative study of policies, practices and processes. Students will of xamine issues well-being of older people and adults and their families; critically evaluate approaches to services provision for older people and to research in gerontology; and explore a range of impacts on service design and delivery. Courses: HH30, HH31, HH32, HS13, HS15, HS16
Credit points: 12 Contact hours: 3 per week Incompatible with: HPS425
Campus offered: CA Semester offered: 2

► HHB004 CHILD AND FAMILY SERVICES - GRADUATE STUDIES
In this unit students conduct a comparative analysis of Australian and international policies, practices and processes in services for children and families and identify the impact of social, cultural, political and economic processes on the design and delivery of child and family services. Students will identify and critically evaluate the application of selected concepts underpinning service design and delivery (such as choice and participation), thoroughly investigate the evidence base for selected practices, and have the opportunity to explore concerns arising from practice contexts.
Courses: HH31, HSH15, HH32, HS16, HH30, HS13
Credit points: 12 Contact hours: 3 per week Incompatible with: HSP424
Campus offered: CA Semester offered: 2

► HHB006 DISABILITY SERVICES - GRADUATE STUDIES
This unit offers you the opportunity to extensively analyse, evaluate and respond to developments in the disability area. Your ability to reflect on and make considered responses to current Australian developments will be enhanced as you engage in in-depth analysis and collaborative critique of national and international provisions made to address issues concerning people with disabilities. Exploring areas of interests will promote your skills of critical analysis and your ability to apply current research and debate within the disability area.
Courses: HH32, HH32, HSH30, HS15, HS15, HS16
Credit points: 12 Contact hours: 3 per week Incompatible with: HSP426
Campus offered: CA Semester offered: 2

► HHB007 YOUTH SERVICES - GRADUATE STUDIES
This unit equips students to evaluate and respond to developments in services to young people through comparative analysis of changes and continuities in policies and practices. Students will discern key human service concepts and identify how these operate in selected service contexts in both national and international settings. Issues associated with the evidence building for policy and service developments are addressed. Students will identify their own knowledge needs and explore concerns arising in contexts where they know about both personal skill development and transfer, in particular the informed application of research.
Courses: HH31, HH31, HH30, HS13, HS16
Credit points: 12 Contact hours: 3 per week Incompatible with: HSP438
Campus offered: CA Semester offered: 2

► HHB001 CRITICAL ISSUES IN THE HUMAN SERVICES
Identifies critical contemporary issues impacting upon the human services industry in particular. The contemporary environment in which the human services exists is creating sets of tensions which have the potential to both seriously challenge and radically reorder and reconstruct service delivery and professional practice. The unit is designed to explore and develop comprehensive assessment of the issues, and their implications for the specific domains of service delivery of the proposed research projects and/or areas of interest of particular.
Courses: HH22, HH31, HS14, HS15
Credit points: 12 Contact hours: 3 per week Incompatible with: HPS412
Campus offered: CA Semester offered: 1

► HHB012 LEADERSHIP IN THE HUMAN SERVICES
Explores conceptions of and skills in leadership to enable participants to provide effective leadership in human service contexts. It reflects an increasing awareness that leadership is of central importance in the development of organisations, and in energising and enabling community groups to identify and meet their needs. Underlying this unit is the notion that leadership, as currently conceptualised, is not simply the task of those in positions of responsibility but all involved in the development and delivery of services.
Courses: HH31, HH32, HS13, HS14
Credit points: 12 Contact hours: 3 per week Incompatible with: HSP431
Campus offered: CA Semester offered: 1

► HHB013 MANAGING HUMAN SERVICE ORGANISATIONS
This unit will create an awareness of the issues and challenges faced by the human service manager and improve knowledge of the functions and techniques of management. As well as developing an understanding of the application of these management techniques to human services, it will enable the student to develop an understanding of the dynamics of management and the quality of service provided to service users. It will build competence in becoming effective human service managers.
Courses: HH31, HH32, HS15, HS16
Credit points: 12 Contact hours: 3 per week Incompatible with: HSP421
Campus offered: CA Semester offered: 2

► HHB015 SKILLS FOR THE CONTRACT REGIME
Service delivery systems in the community services industry are in the process of being restructured. The primary dynamic carrying the process is the imperative of understanding performance and accountability between purchasers (government) and providers (non-state agencies). Contracting is an important element in this dynamic. To date, there is little experience in the industry in the management of a contract regime or its implications for service delivery outcomes. This unit is designed to convey key skills in managing contracts from both the purchaser and provider side of the equation.
Courses: HH31, HH32, HS15, HS16
Credit points: 12 Contact hours: 3 per week Incompatible with: HSP423
Campus offered: CA Semester offered: 2

► HUH820 HUMAN SERVICES PRACTICE RELATED RESEARCH 1-2
Students explore an issue from their practice or the field using research and scholarship.
Courses: HH12, HH22
Credit points: 48 (24 each)
Campus offered: HSP, HL88, HL52, HL55
Credit points: 12
Semester offered: 1, 2
► HLN705 INTRODUCTION TO QUANTITATIVE RESEARCH METHODS
The content of this unit emphasises the practical aspects of quantitative research methods, with an aim of equipping 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 mastering concepts through critical reading of the literature and the development of a comprehensive research proposal as the main practical exercise.
Courses: HLP101, HL88, PU60, PU85
Credit points: 12
Contact hours: 3 per week
Semester offered: 1
► HLN706 ADVANCED QUANTITATIVE RESEARCH METHODS
The content of this unit builds on the basic quantitative research methods 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 the analysis.
Courses: HL68, HL88, PU60, PU85
Credit points: 12
Contact hours: 4 per week
Semester offered: 1
► HLN707 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 areas 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 complete a project of work at an advanced level.
Courses: HL88
Credit points: 48
Campus offered: KG, EXT Semester offered: 1, 2
► HLN745 Thesis
Provides students with an opportunity to formally extend and synthesise knowledge gained in earlier semesters in the course. The study represents an independent and original piece of research completed under the guidance of a supervisor.
Courses: HL88
Credit points: 48
Semester offered: 1, 2
► HMB171 FITNESS HEALTH & WELLNESS
The dimensions and interrelationships of health, physical activity and wellness are studied. The 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: HM42, IF73, IF62, HL44, IF62, IF73
Credit points: 12
Contact hours: 3-4 per week
Semester offered: 1, 2, 3
► HMB172 NUTRITION & 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 through an examination of the central nervous and neuromuscular systems, hierarchical control, human information processing and dynamical systems. Covers elements of sensorial 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. Major changes in the capacity for movement over the life-span will be covered, with a focus on infancy, childhood, adulthood and senescence.
Courses: ED50, ED51, HL40, HL42, HL44, HM42, IF46, IF73, LSB131, LSB231
Credit points: 12
Contact hours: 4 per week
Semester offered: 1
► HMB271 FOUNDATIONS OF MOTOR CONTROL, LEARNING & 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 sensorial 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. Major changes in the capacity for movement over the life-span will be covered, with a focus on infancy, childhood, adulthood and senescence.
Courses: ED50, ED51, HL40, HL42, HL44, HM42, IF46, IF73, LSB131, LSB231
Credit points: 12
Contact hours: 4 per week
Semester offered: 2
► HMB272 BIOMECHANICS
An introduction to principles of biomechanics as they apply to Human Movement including: kinematics and dynamics of human body models; quantitative analysis; impact; work and power; fluid dynamics and other readers in that field.
HMB273 BIOENERGETICS & MUSCLE PHYSIOLOGY IN EXERCISE
Together with its companion (HMB381), this unit focuses on central theory and practice in exercise physiology. It is integrated around the themes of energy supply and utilisation and deals with the relationship between metabolism (aerobic and anaerobic) and muscle power during exercise. This unit is addressed within the contexts of age, health, disease and athletic performance. Practice complements theory and involves the measurement of mechanical work and power, muscle strength and endurance, energy expenditure during exercise, as well as aerobic and anaerobic capacities.

Courses: ED50, HL40, HL42, HL44, HM42, IF46, IF62, IF73
Prerequisites: LSB231 or equivalent
Credit points: 12
Contact hours: 3-4 per week
Campus offered: KG Semester offered: 1

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 sport and swimming; cinematography and electromyography in functional anatomy of movement tasks.

Courses: ED50, ED51, HL40, HL42, HL44, HM42, IF46, IF73
Prerequisites: LSB131
Credit points: 12
Contact hours: 4 per week
Campus offered: KG Semester offered: 1

HMB275 EXERCISE & 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 and training; aggression and psychological leadership; and team cohesion.

Courses: ED50, ED51, HL40, HL42, HL44, HM42, IF46, IF73
Prerequisites: SSB912 or equivalent
Credit points: 12
Contact hours: 3 per week
Campus offered: KG Semester offered: 2

HMB276 RESEARCH IN HUMAN MOVEMENT
Principles of research; purposes, philosophy, and applications. Quantitative research: principles of test construction and administration; basic statistics; basic research design hypothesis testing. Qualitative research: methodology; data collection; basic research report and presentation. Research project: writing a research report; developing conclusions. Application of research; examples in human movement related literature. Computer data analysis and information retrieval.

Courses: ED50, ED51, HL40, HL42, HL44, HM42, IF46, IF73
Credit points: 12
Contact hours: 3 per week
Campus offered: KG Semester offered: 2

HMB277 EXERCISE & SPORT NUTRITION
Considers the relationship between nutrition and exercise and physical activity. Includes an emphasis on the role of diet and exercise in maintaining health and fitness goals.

Courses: HL42, HM42, IF46, IF73, PU43
Prerequisites: HMB172
Credit points: 12
Contact hours: 3 per week
Campus offered: KG Semester offered: 1

HMB305 PERSONAL HEALTH
An examination of the range of factors influencing personal health including lifestyle and a range of social, economic and environmental factors. A holistic perspective on personal health.

Courses: ED50, ED51
Credit points: 12
Contact hours: 3 per week
Credit points: 12  Contact hours: 4 per week
Campus offered: KG  Semester offered: 2

► HMB362 BIOMECHANICS 2
Measurement techniques within biomechanics; analysis of force systems; photographic, goniometric and graphic analysis of movement; an introduction to viscoelasticity and biological materials; material properties; mass and momentum principles; application of motor control to everyday activities; applied aspects of biomechanics undertaken from a research project perspective.

Courses: HMB2, ME46, IF46, IF73
Prerequisites: HMB272, HMB274
Credit points: 12  Contact hours: 4 per week
Campus offered: KG  Semester offered: 1

► HMB363 INDEPENDENT STUDY
The specific interest of students must exceed content offered within existing units; conceptualise, plan and execute a research study including scoping, methodology, analysis, report writing, and proposal for future action. The student works at an advanced level and autonomously under the supervision of a lecturer.

Courses: ED50, HM42, IF46, IF73
Prerequisites: Consent of Course Coordinator Credit points: 12  Contact hours: 4 per week
Campus offered: KG  Semester offered: 1, 2

► HMB364 SEMINARS IN HUMAN MOVEMENT
Opportunities 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 of interest.

Courses: ED50, HM42, IF46, IF73
Prerequisites: Consent of Course Coordinator Credit points: 12  Contact hours: 4 per week
Campus offered: KG  Semester offered: 1, 2

► HMB370 PHYSICAL EDUCATION CURRICULUM STUDIES 2
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: ED50, ED54, IF73
Credit points: 12  Contact hours: 5 per week
Campus offered: KG  Semester offered: 1

► HMB371 MOTOR CONTROL & LEARNING 2
This is an advanced unit that 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 capacity is acquired. This course provides a multidisciplinary perspective, drawing on research from psychology, neuroscience, biomechanics, robotics, neural networks and medicine. Included in the unit will be the effects on the capacity for movement of changes in the nervous system (resulting from development, aging, disease or injury). The unit is organised around the theme of sensorimotor integration. To explore this theme a small number of specific actions will be studied such as posture and balance, locomotion, reaching and grasping, throwing and catching.

Courses: ED50, HM42, IF46
Prerequisites: HMB271
Credit points: 12  Contact hours: 4 per week
Campus offered: KG  Semester offered: 2

► HMB374 PHYSIOLOGY OF REHABILITATION
Factors that are important to injury and behavioural change; the psychological processes of rehabilitation; teaching specific psychological rehabilitation and coping skills to reduce the grief process; the rehabilitation psychologists role in the rehabilitation team; disabled athletes.

Courses: ED50, ED51, ED52, HM42, IF46, IF73
Prerequisites: HMB275, HMB372
Credit points: 12  Contact hours: 4 per week
Campus offered: KG  Semester offered: 1

► HMB375 ADAPTED PHYSICAL ACTIVITY
Adapt physical activity for a variety of physical, sensory and intellectually disabling conditions and chronic conditions; 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: ED50, ED51, ED52, HM42, IF46, IF73
Prerequisites: HMB271
Credit points: 12  Contact hours: 4 per week
Campus offered: KG  Semester offered: 2

► HMB376 MOTOR DEVELOPMENT IN CHILDREN
Theoretical perspective of normal and abnormal motor development, incorporating maturational, descriptive and functional aspects; underlying sensory, perceptual, neurodevelopmental and cognitive changes which influence motor development in children. A theoretical understanding of developmental disruption and development delay in children with intellectual, sensory or physical disability. Experience will be obtained in developing and adapted physical activity programs.

Courses: ED50, ED51, ED52, HM42, IF46, IF73
Prerequisites: HMB271 or at lecturers discretion
Credit points: 12  Contact hours: 4 per week
Campus offered: KG  Semester offered: 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. Australian and international research in this area.

Courses: ED50, HM42, IF46, IF73
Credit points: 12  Contact hours: 4 per week
Campus offered: KG  Semester offered: 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 will be described in terms of relevant epidemiology and pathophysiology, with an emphasis on understanding the relationship between each disorder on one hand, and movement or activity on the other, together with factors that affect this relationship. The purpose of the unit is to provide students with a basic knowledge of a selection of movement-related disorders, and to provide a foundation for subsequent applications, whether in working with special populations, in rehabilitation, or other clinical settings. The unit is also intended to give students the skills necessary to read about and understand the relationship between movement and other diseases and disorders not specifically covered. The disorders discussed in this unit are not exhaustive, but represent conditions that effect significant numbers of individuals, account for much movement and activity-related morbidity and/or mortality, and represent a rich source of physiologic and pathophysiologic study. Examples include: Movement disorders; i.e. Parkinson’s disease; Huntington’s disease; Neurogenic movement disorders; i.e. aetiology, pathogenesis and management of movement disorders in neurological conditions; i.e. stroke, spinal cord injury; and other movement disorders; i.e. dystonia, spasticity.

Courses: ED50, ED51, HL40, HM42, IF46, IF62, IF73, HL42, HL44
Prerequisites: HMB271, HMB272, HMB273, HMB274
Credit points: 12  Contact hours: 4 per week
Campus offered: KG  Semester offered: 1

► HMB381 CARDIOVASCULAR & PULMONARY PHYSIOLOGY IN EXERCISE
A companion unit to HMB273, and continues the theme of energy supply and utilisation during exercise around which the integration of cardiovascular and pulmonary physiology are integrated. These aspects include the control and distribution of blood flow through the macro- and microvascular system, the control and function of the pulmonary system, and concludes with an integration of the physiological response covered in the unit in the context of exercise in the heat. The theory is also addressed with the contexts of age, health, disease and athletic performance. Practice complements the student’s understanding of and the measurement of heart rate, blood pressure and lung function, as well as exercise capacities such as the ‘anaerobic threshold’ and maximal oxygen consumption.

Courses: ED50, HM42, IF46
Prerequisites: HMB272
Credit points: 12  Contact hours: 3-4 per week
Campus offered: KG  Semester offered: 2

► 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 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: ED42, IF46, IF62, HL44, HL62, HL40
Prerequisites: HMB273
Credit points: 12  Contact hours: 4 per week
Campus offered: KG  Semester offered: 2

► 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, implementation, evaluation, and administration of workplace health programs are examined.

Courses: ED50, ED51, ED52, HM42, IF46, IF73
Prerequisites: HMB271 or HMB312
Credit points: 12  Contact hours: 4 per week
Campus offered: KG  Semester offered: 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 are highlighted by examination of specific case examples.

Courses: ED50, HM42, IF46, IF73
Prerequisites: HMB379
Credit points: 12  Contact hours: 3 per week
Campus offered: KG  Semester offered: 2

► HMB390 HEALTH EDUCATION CURRICULUM STUDIES
The nature of health education as an applied curricular area. Insights into teaching and learning strategies and syllabus and curriculum documents are provided; competencies in planning and teaching are developed and close links are made with other units.

Courses: ED50, ED54, IF73
Prerequisites: ED332 or at least 48 credit points in the relevant discipline area.

Credit points: 12  Contact hours: 3 per week
UNIT SYNOPSIS

Campus offered: KG  Semester offered: 1

► HMB385 HEALTH EDUCATION
Cultural contexts
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 emphasized in relation to current syllabuses in Health Education.

Courses: ED50, ED54, IF73
Credit points: 12  Contact hours: 3 per week

Campus offered: KG  Semester offered: 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: ED266
Credit points: 12  Contact hours: 3 per week

Campus offered: KG, EXT
Semester offered: 1

► HMB470 PRACTICUM 1
The BAAppSc (HMS) course is designed to prepare Human Movement professionals for work in an applied role in the field of physical activity. In order to become competent practitioners, students need opportunities to apply classroom learning and skills via supervised practice in real world settings. Such practice should develop students' confidence, attitudes, values and understanding of professional issues and responsibilities to interact with Human Movement practitioners. As this is the first formal one of the practicum program, the first and second year program being part of core units, it involves students in a number of placements to enable them to compare professional standards and evaluate the fit of personal skills in different work sites. It is designed to prepare students for their final 9 weeks full time in the workplace the following year.

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 offered: KG  Semester offered: 1, 2

► HMB471 PROJECT 1
Students in the BAAppSc are required to undertake a project in Year 4. Students work in small groups. Work includes a literature review and the presentation of experimental hypotheses, research methodology and analysis of results presented in formal colloquia at the end of Semester 1.

Courses: HL42, HL43, HM42
Prerequisites: 4th year status
Credit points: 12

Campus offered: KG  Semester offered: 1, 2

► HMB472 PROJECT 2
The implementation of the plan, analysis of results and publication of a report. Groups present a formal colloquium at the end of semester two.

Courses: HL42, HL44, HM42
Prerequisites: HMB471
Credit points: 12

Campus offered: KG  Semester offered: 1, 2

► HMB475 PRACTICUM 2
A comprehensive vocational experience undertaken in the second year of the internship. Students are supervised in the performance of operational tasks including management and administration and further develop independent problem-solving skills and knowledge. The internship is followed by a comprehensive reflective analysis of the experience.

Courses: HL42, HL42, HM42
Prerequisites: Satisfactory completion of years 1-3 practicum requirements and seven semesters of courses.

Credit points: 36

Campus offered: KG  Semester offered: 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 critical content areas, principles and techniques will be taught to ensure 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. Training conditions, and finding appropriate solutions.

Courses: HM42, HL38, HL68, HL88, IF46
Prerequisites: Credit points: 12  Contact hours: 4 per week

Campus offered: KG  Semester offered: 1

► HMB610 CLINICAL MEASUREMENT

Courses: ME46
Prerequisites: HMB62, HMB64
Credit points: 8  Contact hours: 3 per week

Campus offered: KG  Semester offered: 1

► HMB615 EXERCISE PHYSIOLOGY

Courses: ME46
Credit points: 8  Contact hours: 3 per week

Campus offered: KG  Semester offered: 1

► HMB617 WORKPLACE HEALTH
History of workplace health; legal aspects; role of administrators in monitoring and managing health and legal issues in occupational environments to interact with Human Movement practitioners. As this is the first formal one of the practicum program, the first and second year program being part of core units, it involves students in a number of placements to enable them to compare professional standards and evaluate the fit of personal skills in different work sites. It is designed to prepare students for their final 9 weeks full time in the workplace the following year.

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 offered: KG  Semester offered: 1, 2

► HMM201 DEVELOPING TEACHING AND LEARNING INITIATIVES FOR THE HEALTH & PHYSICAL EDUCATION CURRICULUM ACROSS THE SCHOOL YEARS
Critically analyse outcomes based education and the relationship of the Years 1-10 HPE syllabus to the context of broader agendas of Groups 1-3. The inclusion 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
Prerequisites: Nil
Credit points: 12  Corequisites: Nil

Campus offered: KG  Semester offered: 1

► HMM202 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 educational 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
Prerequisites: Nil
Credit points: 12

Campus offered: KG  Semester offered: 1

► HMM203 APPLICATION OF THE SCIENCE 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 performance in 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 students understanding of the relationship between the sciences and performance in physical activity and sport.

Courses: ED13, HL88
Prerequisites: Nil
Credit points: 12

Campus offered: KG  Semester offered: 1

► HMM204 SOCIO-ENVIRONMENTAL PERSPECTIVES FOR THE HEALTH EDUCATION CURRICULUM
Reflect critically on the broadening role of a health educator; reconstruct pedagogical practices in relevant health and environmental contexts; evaluate the potential impact of educational and health promotional strategies adopted to reduce environmental health hazards; understand the reciprocal relationship between peoples’ health and their living environment; analyse environmental and socio-cultural sites and conditions which have the potential to impact on health; design teaching and learning strategies which promote: safe, harm-minimisation responses to potential environmental hazards; and appropriate change responses in the health education field.

Courses: ED13, HL88
Credit points: 12  Incompatible with: PUN620

Campus offered: KG

► HMM205 HEALTH EDUCATION CURRICULUM ACROSS THE SCHOOL YEARS
How do current issues and emerging trends 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  Corequisites: Nil

Campus offered: KG  Semester offered: 2

► HMM206 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 syllabas can incorporate adapted programs and practices; critically evaluate and review existing programs designed for specific populations; design physically active experiences that are sensitive toward and encouraging of participation among individuals with specific needs; and demonstrate teaching and developmental support strategies which are more responsive to the learning needs of students within an inclusive physical education curriculum.

Courses: ED13, HL88
Credit points: 12

Campus offered: KG  Semester offered: 2

► HMP332 ERGONOMIC AIDS AND NUTRITIONAL SUPPLEMENTS
This unit describes the range of proved and claimed work-enhancing aids and nutritional supplements. Substances included will be natural and processed foods, dietary supplements, and drinks. The empirical evidence for the theoretical basis of their efficacy will be discussed, along with their specific mechanism of action, and practical and ethical questions surrounding their use.

Courses: HM33
Credit points: 12
HMP352 OCCUPATIONAL BIOMECHANICS
This unit covers a set of topics emphasising the behavioural and cognitive aspects of the ergonomics and human factors field. Topics to be covered include mechanisms of sensation and perception, workplace layout, body design, work practice, assessment method or other innovation in a workplace setting, based on established ergonomics and human factors principles. The project topic should build on 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: HM35
Credit points: 12
Semester offered: KG
Campus offered: 1

HMP353 ERGONOMICS & HUMAN FACTORS
The project provides students with an opportunity to design, plan, implement and evaluate, through workplace activities in industry, the effects on wellbeing and efficiency of work activities. Students will be assigned extensive reading and will be expected to contribute fully to discussions of each topic.

Courses: HM38
Credit points: 12
Semester offered: KG
Campus offered: 2

HMP380 SPORT ACROSS THE LIFESPAN
This unit is a multidisciplinary overview of contemporary issues in sport. Using a life-span framework the unit will examine topics in children’s through to Master’s sport, including the scientific and ethical issues involved in talent identification for specific sports in children, factors affecting participation, and the special needs of older athletes. Students will be assigned extensive reading and will be expected to contribute fully to discussions of each topic.

Courses: HM38
Credit points: 12
Semester offered: KG
Campus offered: 2

HMP383 SPORT STUDIES PROJECT
The project provides students with an opportunity to conduct a study, or to apply a coaching technique or procedural framework, in a sport setting. The project topic should build on 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: HM38
Credit points: 12
Semester offered: KG
Campus offered: 2

HMP385 SPORT PRACTICUM
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 have had in sport, these placements may be in a sport or activity other than the student’s principal area. Students will maintain a diary and prepare reports on and evaluations of the activities undertaken during the placement.

Courses: HM38
Credit points: 12
Semester offered: KG
Campus offered: 1

HMP389 ASSESSMENT IN SPORT
This unit will acquaint students with contemporary theory and method of assessment, focusing essentially on physiological and biomechanical measures. Students will acquire practical skills in assessment methods through laboratory classes. In addition, an historical overview of the development of the theoretical basis of different tests, as well as knowledge concerning the rationale for each assessment and its 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: HM38
Credit points: 12
Semester offered: KG
Campus offered: 2

HMP610 CLINICAL MEASUREMENT
This unit covers the major kinematic and kinetic measurement gait: kinematic and kinetic analyses of human movement and performance; functional evaluation of orthotics, prosthetics, electromyography, bioelectrical impedance and imaging techniques, measurement of cardiovascular and respiratory function with examples from special populations.

Courses: ME46
Prerequisites: HMB802, HMB806
Credit points: 12
Semester offered: KG
Campus offered: 2

IBB101 BUSINESS IN AUSTRALIA
This unit will introduce international students to the customs and standards of business environment in Australia. Students will examine historical, socio-cultural, geographical, economic, political and other factors and contemporary issues impacting on 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: BS55, IF05, IF09, IF28, IF30, IF41, IF48, IF60, IF61, IF62
Credit points: 12
Contact hours: 3 per week
Incompatible with: MIB101
Campus offered: GP
Semester offered: 1

IBB202 BUSINESS & THE WORLD ECONOMY
Firms operating across borders are exposed directly to the discontinuities between international and national financial and regulatory systems. In this unit students analyse the way in international operations and performance of business can be affected by changing financial and regulatory conditions and determine how best to manage the exposure to this risk. This unit examines the evolution of the international financial system, including the foreign exchange market, the types of foreign exchange rate exposures, managing exchange, translation and consolidation risks, assessing foreign 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, IF41, IF48, IF60, IF61, IF62
Prerequisites: BSB113, BSB119
Credit points: 12
Contact hours: 3 per week
Incompatible with: MIB202
Campus offered: GP
Semester offered: 1, 2

IBB205 CROSS-CULTURAL COMMUNICATION & 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 economic, legal, social and cultural factors influencing European community and globalised thinking. It is designed to develop skills in negotiating in the international marketplace by developing frameworks to analyse the relationship between culture and management, and to develop frameworks to analyse and develop frameworks to analyse the nature of business practices.

Courses: BS55, IF05, IF09, IF28, IF30, IF41, IF48, IF60, IF61, IF62
Prerequisites: BSB119, BSB122; or 48 credit points of approved study for non-Bachelor of Business students only
Credit points: 12
Contact hours: 3 per week
Incompatible with: MIB211
Campus offered: GP
Semester offered: 1

IBB208 EUROPEAN BUSINESS DEVELOPMENT
This unit gives students an understanding of the main historical factors influencing European economic development and business practices, industrial and organisational structures, international and government-business relations. Topics include: demographic change; agriculture; trade and colonisation; transport and communications; financial institutions and capital accumulation; international and religious movements; economic theories; the role of government; war and revolution; industrialisation; big business; the Great Depression; and, social change. Country case studies will be used to illustrate the topics.

Courses: BS56, IF05, IF09, IF28, IF30, IF41, IF48, IF60, IF61, IF62
Prerequisites: BSB119
Credit points: 12
Contact hours: 3 per week
Incompatible with: MIB208
Campus offered: GP
Semester offered: 1

IBB210 EXPORT MANAGEMENT
This unit presents students with information necessary for the successful design, 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 process of receipt of payment in return for that delivery. The processes of planning, marketing, 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, IF48, IF60, IF61, IF62
Prerequisites: BSB119
Credit points: 12
Contact hours: 3 per week
Incompatible with: MIB210
Campus offered: GP
Semester offered: 1

IBB211 GLOBALISATION & 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 locations differ, the impact these differences have on how and why 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, IF48, IF60, IF61, IF62
Prerequisites: BSB119
Credit points: 12
Contact hours: 3 per week
Incompatible with: MIB211
Campus offered: GP
Semester offered: 1, 2

IBB212 INDUSTRY & REGIONAL ANALYSIS
Analyses 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; regional and interregional linkages; demand analysis; transactions in information, goods, services and other products; network analysis; strategies in structured markets.

Courses: BS56, IF05, IF09, IF28, IF30, IF41, IF48, IF60, IF61, IF62
Prerequisites: BSB119
Credit points: 12
Contact hours: 3 per week
Incompatible with: MIB212
Campus offered: GP
Semester offered: 1

Campus offered: KG
Semester offered: 2

Campus offered: KG
Semester offered: 2

Campus offered: KG
Semester offered: 2

Campus offered: KG
Semester offered: 1

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### IBB213 INTERNATIONAL MARKETING

This unit provides students with a thorough understanding of the issues which impact on the development and operational implementation of international marketing strategies and plans. The unit is highly applicable to graduates and recent graduates who have the opportunity to understand the importance of international marketing; examine and analyse environmental forces influencing international marketing decisions; screen, select and segment priority markets; be aware of the methodological issues involved in primary market research; design and implement sound international marketing plans; and study the role of marketing strategy in the globalisation of business.

**Courses:** B56, I50, I59, I28, I30, I41, I48, I60, I61, I62

**Credit points:** 12

**Credit hours:** 3 per week

**Incompatible with:** MKB149

**Campus offered:** GP, Semester offered: 2

**Prerequisites:** BSB116

**IBB217 ASIAN BUSINESS DEVELOPMENT**

This unit gives students an understanding of the historical foundations of the development of business in and with South East Asia. Material presented will include the traditional economic and social institutions in Asia and their changing impact on business. The specific focus on 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 technology on local ideology and development policies; the rapid growth of North East 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:** B56, I50, I59, I28, I30, I41, I48, I60, I61, I62

**Credit points:** 12

**Campus offered:** GP, Semester offered: 1

**IBB223 EMERGING TECHNOLOGIES & INTERNATIONAL BUSINESS**

Globalisation and technology innovation are accelerating at a pace that will make them even more important in the new century. International business environments and business activities themselves are reshaped by new emerging technologies. This unit is designed to give students an understanding of how emerging technologies drive the changing picture of how emerging technology becomes an asset for enterprises' global operations. Topics examined include the process of innovation, the production and diffusion of new technology, the risks of global innovation, international technology transfer and the management of emerging technology in international business.

**Courses:** B56, I50, I59, I28, I30, I41, I48, I60, I61, I62

**Credit points:** 12

**Campus offered:** GP, Semester offered: 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. An emphasis is placed on the growth of the European Union, its role in regional cooperation in Europe; business and regional cooperation; European Union policies and their impacts; changes to the European Union; emerging markets; European case studies of contemporary business activities in Europe including entering to European markets will be used in the analysis.

**Courses:** B56, I50, I59, I28, I30, I41, I48, I60, I61, I62

**Credit points:** 12

**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:** B56, I50, I59, I28, I30, I41, I48, I60, I61, I62

**Credit points:** 12

**IBB317 CONTEMPORARY BUSINESS IN ASIA**

This unit gives students an understanding of the practical challenges of doing business in East and South East Asia. It explains the current cultural, social, institutional and regulatory considerations that influence the conduct of multinational enterprises in Asia. The unit analyses specific country markets to inform business decisions pertaining to: business strategy; production and distribution; and, distribution and marketing. The unit addresses important contemporary business trends throughout the region including: consumer demographics and tastes; the structure and competitiveness of local and foreign firms in the region; the integration of new business technologies; and the rapid economic and legal reform taking place in East Asia.

**Courses:** BS56, I50, I59, I28, I30, I41, I48, I60, I61, I62

**Prerequisites:** IBB217 or 96 credit points of approved study

**Credit points:** 12

**Semester offered:** 3 per week

**Incompatible with:** MIB317

**Campus offered:** GP, Semester offered: 2

**IBN400 GLOBAL 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, BS93

** Credit points:** 12

**Credit hours:** 3 per week

**Incompatible with:** BSN400

**Campus offered:** GP, Semester offered: 1

**IBN403 BUSINESS IN ASIA**

This unit enables a more intensive study of business trends 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 that requires the application of knowledge of the region to a business issue.

**Courses:** BS30, BS39, BS63, BS92, BS93, GS10, GS11, GS85, GS86, GS87, GS90, GS91, GS92, I64

**Prerequisites:** PG only, GSN101 or GSN204 or IBN408

**Credit points:** 12

**Credit hours:** 3 per week

**Incompatible with:** MIN403

**Campus offered:** GP, Semester offered: 1

**IBN404 BUSINESS IN EUROPE**

This unit enables a more intensive study of business markets in Europe. 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 that requires the application of knowledge of the region to a business issue.

**Courses:** BS30, BS39, BS63, BS92, BS93, GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92, I64

**Prerequisites:** PG only

**Credit points:** 12

**Credit hours:** 3 per week

**Incompatible with:** MIN404

**Campus offered:** GP, Semester offered: 1

**IBN405 BUSINESS IN NORTH AMERICA**

This unit enables a more intensive study of business markets in North America. 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 NAFTA 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 that requires the application of knowledge of the region to a business issue.
UNIT SYNOPSIS

Courses: BS30, BS92, BS93, GS70, GS11, GS72, GS85, GS86, GS87, GS90, GS91, GS92, IF64
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: IBN504
Campus offered: GP Semester offered: 2
► IBN406 COMPARATIVE REGULATORY SYSTEMS Provides the student with a detailed understanding of the regulatory systems within which businesses operate, on a comparative and international basis. The major focus is upon European Union law. The development of regulatory systems and their impact upon actual or potential markets will be examined, especially in relation to significant differences that inhibit or enhance international business.
Courses: BS39, BS92, BS93, GS70, IF64
Prerequisites: PG only; plus 48 credit points from GS70 or GS80 or GS81 or MGN516
Credit points: 12
Contact hours: 3 per week
Incompatible with: MIN406
Campus offered: GP Semester offered: 1
► IBN408 BUSINESS & THE INTERNATIONAL ENVIRONMENT Business operates in an increasingly dynamic international environment that has direct and rapid impacts upon domestic and other markets for products and services. The focus of this unit is to provide a detailed understanding of the structure of that environment, its current and important trends. The focus will be on the economic, social and political factors determining the contemporary international business structure and its likely future development.
Courses: BS39, BS92, BS93, GS70, GS80
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: GS101, BS39, BS80, BS408
Campus offered: GP Semester offered: 1
► IBN421 INTERNATIONAL MARKETING International marketing theory and planning. Theoretical issues will include segmentation of international markets, life cycle and contingency approaches to international market entry choice, and market development and expansion. Planning issues cover the strategic marketing processes involved, including international market research, and their application to regions and countries in the Asia/Pacific region or Europe.
Courses: BS39, BS63, BS92, BS93, GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, IF64
Prerequisites: PG only; with an UG specialisation in Marketing or 24 credit points from GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91; PG only
Credit points: 12
Contact hours: 3 per week
Campus offered: GP Semester offered: 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: BS39, BS63, BS92, BS97, IF64
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: MIN426
Campus offered: GP Semester offered: 1
► IBN435 BUSINESS IN AUSTRALIA This unit will introduce international students to the business environment in Australia. Students will examine the geographical, historical, sociocultural, political, economic, legal and other factors that impinge upon doing business in this country.
Courses: BS39, BS63, BS91, BS92, BS93, GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, IF64
Prerequisites: PG only; plus available only to students new in Australia
Credit points: 12
Contact hours: 3 per week
Incompatible with: MIN435
Campus offered: GP Semester offered: 1; 2
► 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: 96
► 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: 96
► IFN200 PART-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: 96
► ITA840 INTRODUCTION TO COMPUTING An overview of computers and their use is provided. Using the Internet to discover and publish information, and basic inferencing, introduction to automated inference. Prolog: fact, rules and queries. Sets: basic definition and counting techniques. Relations and functions: 1-1, m: 1, m: n relationships, domain and range, partial vs. total order. Induction and recursion: recursive functions, proof by induction. Probability: basic probability concepts, permutations and combinations, conditional probabilities. Basic structures: lists, graphs and trees, basic concepts and terminology.
Courses: SC12, SC15
Credit points: 8
Contact hours: 2 per week
Courses: IT21, IF38, IF59, IF79, IF38
Prerequisites: Nil
Credit points: 12
Contact hours: 3 per week
► ITB107 PROGRAMMING LABORATORY This unit uses the Java programming language as a vehicle to provide students with practical experience in designing, implementing and testing software. Emphasis will be placed on data and procedural abstraction, programming style and documentation which supports ongoing program development, test documentation, the use of diagnostic aids in testing, analysis of test results and test data, and test data preparation and interpretation of test results. A personal process will be introduced and students will be required to apply this process to an assignment program development.
Courses: IT21, IF38, IF59, IT79, IF38, IF48, IF85, IF90
Prerequisites: Nil
Credit points: 12
Contact hours: 3 per week
Incompatible with: ITN107
► ITB219 APPLICATION PROGRAMMING Extends student skills in structured program design and implementation through a widely used commercially oriented third generation language under an interactive environment. Programming examples will be drawn from typical industry applications.
Courses: IT21, IF38, IF48
Prerequisites: ITB107, ITB225
Credit points: 12
Contact hours: 3 per week
► 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 and its 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.
Prerequisites: ITB310, ITB225
Credit points: 12
Contact hours: 3 per week
► ITB223 4GL SYSTEMS Characteristics of 4GL development environments; Database creation and manipulation in a 4GL environment; Principles of report and screen generation; Implementation of programming systems in a 4GL environment.
Courses: IF38, IF59, IT20, IT21, IF48, IF58
Prerequisites: ITB222
Contact hours: 12
Contact hours: 3 per week
► ITB225 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, postgraduate study.
Courses: IT21, IF38, IF47, IF48, IF58, IF79, IF90
Prerequisites: Nil
Credit points: 12
Contact hours: 3 per week
► ITB227 WEB APPLICATIONS (prerequisite Elements for Interactive Web Front Ends; II) Architecture of web-enabled database applications; III) Database design for web enabled database applications.
Courses: IT21, IF38, IF48
Prerequisites: Nil
Credit points: 12
Contact hours: 3 per week
► 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 FLMM,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: ITB310
Corequisites: Nil
Credit points: 12
Contact hours: 3 per week
► ITB229 INFORMATION SYSTEMS SPECIFICATION Analysing an information model: the static, transaction, process and computational views of information; 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 skills in application to a range of small to large problems.
Courses: IT21, IF38, IF48
Prerequisites: ITB225, ITB106
Contact points: 12
Contact hours: 3 per week
► ITB232 DATABASE SYSTEMS The unit introduces the theoretical foundations of databases, system implementation techniques,
and gives an overview of emerging database technologies and applications.

Courses:
- ITB225
  - Credit points: 12
  - Contact hours: 3 per week
  - Incompatible with: IT257

- ITB233 ENTERPRISE SYSTEMS APPLICATIONS
  - The main modules of Enterprise Systems, Accounting (Financial Accounting, Controlling), Human Resource Management, Logistics (Material Management, Production Planning and Control, Sales and Distribution), Integration of this modules, III) E-Commerce and Customer Relationship Management

Courses:
- IT21, IF38
  - Prerequisites: ITB225 (for IT students), BSB112 (for Business Students), and BNB007 (for Engineering students)
  - Credit points: 12
  - Contact hours: 4 per week
  - Campus offered: GP

- ITB234 INFORMATION ANALYSIS
  - Construction of the input to conceptual design, Formal and semantic techniques. The normalisation process. The integrity of relational database, Modelling of non typical data.

Prerequisites:
- ITB229
  - Credit points: 12
  - Contact hours: 3 per week

- ITB235 DISTRIBUTED OBJECT ORIENTED SYSTEMS
  - Object-oriented fundamentals, distributed environments, and distributed technologies.

Prerequisites:
- ITB225, ITB229
  - Credit points: 12
  - Contact hours: 3 per week

- ITB236 OBJECT-ORIENTED ANALYSIS & DESIGN
  - Object orientation modelling; the object model; the dynamic model; the functional model; OO analysis; OO design; OO implementation.

Courses:
- IT20, IT21, IF48
  - Prerequisites: ITB222, ITB229 Information System Modelling
  - Credit points: 12
  - Contact hours: 3 per week
  - Incompatible with: ITN221
  - Campus offered: GP
  - Semester offered: 1, 2

- ITB240 PROJECT (INFORMATION SYSTEMS)
  - Systems analysis, design and implementation; testing; documentation; communication of results; management of time and resources.

Courses:
- IT20, IT21, IF38, IF48
  - Prerequisites: Successful completion of at least 72 credit points from the Information Systems Major
  - Credit points: 12
  - Contact hours: 3 for Weeks 1 and 2, thereafter by arrangement with Supervisor

- ITB241 INFORMATION TECHNOLOGY MANAGEMENT

Courses:
- IF33, IF38, IT20, IT21, IF48
  - Prerequisites: ITB310
  - Credit points: 12
  - Contact hours: 3 per week

- ITB242 DATA WAREHOUSING FOR DECISION SUPPORT
  - The essential data mining and knowledge representation techniques used to extract intelligence from large data and experts. Problem handling and techniques will be drawn from typical industry applications and real world data sources. Concepts and techniques will be developed in the field of Finance, Marketing and Operations/Service that demonstrate the use of the various techniques and the tradeoffs involved depending on among them.

Courses:
- BS50, IT20, IT21, IF48
  - Prerequisites: ITB225
  - Credit points: 12
  - Contact hours: 3 per week

- ITB243 KNOWLEDGE-BASED SYSTEMS
  - Propositional and Predicate logic, knowledge representation, AND/OR graphs, semantic consequence, natural language resolution.

Courses:
- IT20, IF1, IF38
  - Prerequisites: ITB106
  - Credit points: 12
  - Contact hours: 3 per week
  - Incompatible with: ITN231, ITN243

  - ITB244 SPECIAL TOPIC 1A
    - This unit is designed to allow for the significant development of, or emphasis in, databases not dealt with in one of the 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:
    - IT20, IT21
      - Prerequisites: To be determined
      - Credit points: 12
      - Contact hours: 3 per week
      - Incompatible with: ITN230

    - ITB245 R/3 SYSTEMS ADMINISTRATION
      - Basic systems administration; Architecture of an R/3 system; Using the Computer Centre Management System (CCMS) to monitor the system; Concepts of database administration, backup and recovery, Use of the SAPDBA, BRBACKUP, & BRARCHIVE utilities for database administration functions; Management of Users, Authorisations and Profiles, Use of automated system administration tools provided with R/3.

    - Courses:
      - IT20, IT21
        - Credit points: 12
        - Database Systems
        - Incompatible with: ITN245

    - ITB254 INTERACTIVITY DESIGN
      - Introduction to electronic 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 interface design; testing & evaluation interface designs; basics of support printed manuals, demonstration & discussion of prototypes; summary and review.

    - Courses:
      - IT21
      - Prerequisites: ITB227 or permission of unit co-ordinator
      - Credit points: 12
      - Contact hours: 3 per week

    - 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 multimedia; Combining media; The Future in Multimedia.

    - Courses:
      - IT20, IT21, IF48
      - Prerequisites: ITB227
      - Corequisites: Nil
      - Credit points: 12
      - Contact hours: 3 per week
      - Incompatible with: ITN257

    - 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
      - Prerequisites: ITB219 or knowledge of SQL
      - Credit points: 12
      - Contact hours: 3 per week
      - Incompatible with: ITN258, ITN281

    - 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: ITB310 or ITB527 or ITB537
      - Corequisites: Nil
      - Credit points: 12
      - Contact hours: 3 per week

    - ITB262 E-COMMERCE TECHNOLOGY MANAGEMENT
      - This unit provides an introduction to some of the information technologies being used to support electronic commerce. In particular, it will cover (1) Java-based technologies, including JDBC, servlets, and Java Server Pages, and (2) XML-based technologies, including XSL. The unit will also cover a number of applications of electronic commerce, including ecommerce, database services, catalogue, negotiation, and trading.

    - Courses:
      - IT21, IF38
      - Prerequisites: ITB275, ITB410
      - Credit points: 12
      - Contact hours: 3 per week

- ITB264 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: ITB106 or ITB243, and ITB410
  - Corequisites: ITB260 or ITB243, ITB410
  - Credit points: 12
  - Contact hours: 3 per week

- ITB265 MANAGEMENT OF INFORMATION PROGRAMS
  - Application of management techniques at different levels to information services, in particular Web and library procedures; administrative structuring of libraries and the corporate environment; library technical and service divisions and the application of staff development, automation, performance evaluation and financial control to specific work areas; communication processes within libraries and between staff and users; leadership and professionalism in the context of libraries; human resource and financial planning; strategic planning.

Prerequisites:
- ITB310
  - Credit points: 12
  - Contact hours: 3 per week

- ITB266 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 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:
- IT21, IF38, IF48
  - Prerequisites: ITB310
  - Credit points: 12
  - Contact hours: 3 per week

- ITB310 ORGANISATIONAL INFORMATION SYSTEMS
  - I) The e-organisational setting
  - II) Skill acquisition (Work design, Database Design, Report Writing, Presentation Skills)
  - III) Organisational processes
  - IV) Modelling organisational processes
  - V) The notion of information and information management
  - VI) Web application development
  - VII) Jobs and skills required in the e-organisational world
  - VIII) Security issues
    - IX) Ethical Issues
    - X) Systems Thinking.
UNIT SYNOPSES

Courses: ITB337 INFORMATION RESOURCES
Managing information; database structure, basic searching and searching the processing; search strategies; online sources, Dialog etc., CD-ROMs, the Internet history, database searching and searching the processing; management aspects of using external search services; and legal information sources; research and development information sources; demonstration centres; marketing information sources; patents, standards, census data, company annual reports; people as sources of information; and information gathering.

Incompatible with: IT21, IT32, IF58, IF59
Credit points: 12 Contact hours: 3 per week

Prerequisites: Nil

Courses: ITB338 INFORMATION ISSUES

Concepts that relate to information and the adoption of information technologies create fundamental issues for both the individual and society. Consequently, this unit explores the development of the information society concept and related policies that need to be addressed at both the government and individual levels. Issues relating to access to information, and protection of personal data, are created and addressed by both direct and indirect impacts of information and associated technology, including potential abuse of expert power, information overload, and the potential addition of unreal benefits to a framework for ethical use of information in organisations, with a particular focus on privacy and other related issues is offered. Also examined are issues of professional responsibility and ethics in information professions, including roles of such bodies as The Australian Computer Society, The Australian Library & Information Association, and other professional agencies. Subject has general appeal for wide range of IT and other information studies.

Courses: ITB310
Credit points: 12 Contact hours: 3 per week

Incompatible with: ITN330

Courses: ITB335 DIGITAL LIBRARIES
The development of automated library systems based upon the analysis of sub-systems such as acquisitions, circulation, cataloguing, reference and information retrieval and special materials control; standards for description, distribution and publication; ethical issues 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: ITB310
Credit points: 12 Contact hours: 3 per week

Incompatible with: ITN335

Courses: ITB337 INFORMATION ORGANISATION
Principles and strategies for organising information in a library; the nature of indexing and classification; the structure of bibliographic databases and bibliographic records; organisation for libraries; subject heading lists; library catalogues; indexing and abstracting services; library networks; adopting a client/approach to knowledge organisation; developing personal strategies for approaching unfamiliar technologies.

Courses: ITB310
Credit points: 12 Contact hours: 3 per week

Incompatible with: ITB327

Courses: ITB338 INFORMATION RESOURCE PROVISION
An introduction to the concept of information and the relationship of information resource provision to community information needs and wants. The various media and formats used for the delivery of information as well as the information content itself are analysed in terms of how well these meet the requirements of a variety of information end-users. The characteristics that make up the range of producers/publishers investigated from the point of view of how these media may be acquired and the equipment resource implications entailed. Topics related to the purchase and retention of resources are tackled in the light of possible alternative sources of provision and information needs of the immediate clientele as well as the needs of the wider Australian community. The development of a collection policy document, collection evaluation, cataloguing collection, currency and the legal and ethical dimensions of information resource provision are also highly lighted.

Courses: IT21
Prerequisites: ITB310
Credit points: 12 Contact hours: 3 per week

Incompatible with: ITB339

Courses: ITB339 PROFESSIONAL PRACTICE
This unit provides both an opportunity for students to spend a period of time in the professional working environment, and an opportunity to examine through a seminar series many of the issues that have an impact upon professionals working in information agencies with particular reference to those at the graduate level. It is provided as a contemporary perspective of the role of libraries and information agencies; alternative approaches and technologies for information provision and dissemination; processes and techniques of communication; social and legal framework affecting information provision; the role of librarians and information professionals. Students will complete two fieldwork placements of fifteen days each. Their fieldwork placements are to be organised by the students, in conjunction with a faculty supervisor.

Courses: IT21 Prerequisites: ITB322, ITB337
Credit points: 2 per week, plus 2 placements each of 3 weeks

Incompatible with: ITN339

Courses: 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 the business strategies, with a view to achieving organisational goals. It also deals with functions and practices of management that relate to information and knowledge services, and utilisation of technology to support them.

Courses: ITB322, ITB327, ITB337
Prerequisites: ITB310
Credit points: 12 Contact hours: 3 per week

Incompatible with: ITN339

Courses: ITB410 SOFTWARE DEVELOPMENT 1
The basis of the major computing topics to be covered in later units, especially programming. All students in the area of information technology need to be aware of a range of problem solving techniques and how these can be used to solve various problems using a procedural programming language. Introduces the student to the need for software quality management and control during software development.

Courses: ITB322, ITB353, ITB379, ITB348
Prerequisites: Nil
Credit points: 3 Contact hours: 3 per week

Incompatible with: ITB321, ITB327, ITN410

Courses: ITB411 SOFTWARE DEVELOPMENT 2
The concepts and principles of object oriented programming is increasingly reliant upon design using existing or custom-built re-usable library modules, with Abstract Data Types chosen to reflect the data and operations required by the environment. Topics covered are the foundations of module specification and design, stressing the importance of separation of concerns and the application of an appropriate interface (API) from the underlying implementation. The approach is illustrated through the realisation of a series of fundamental data types and associated algorithms within a modular programming language.

Courses: ITB321, ITB353, ITB379, ITB348
Prerequisites: ITB410
Credit points: 12 Contact hours: 3 per week

Campus offered: GP, CA
Semester offered: 1, 2

Incompatible with: ITB412

Courses: ITB421 TECHNOLOGY OF DISTRIBUTED SYSTEMS
This unit is designed to introduce students to computer architecture and systems software. It deals with the organisation and operation of the hardware for the services provided by operating system; and with input, storage and output data.

Courses: IT21, IT39, IT59, IT379, IT383, IT348
Prerequisites: Nil
Credit points: 12 Contact hours: 3 per week

Incompatible with: ITB412

Courses: ITB424 SOFTWARE ENGINEERING PRINCIPLES
This unit presents the software engineering principles and the associated techniques and tools for producing software systems that are reliable, maintainable, efficient, and safe. It is designed to support abstract reasoning about data types and is integrated into the unit, as in the prerequisites.

Courses: IT21, IT32, IT58, IT59, IT379, IT348
Prerequisites: ITB411, ITB107
Credit points: 12 Contact hours: 3 per week

Incompatible with: ITN414

Courses: ITB427 CONCURRENT AND DISTRIBUTED SYSTEMS
Unit is intended to provide students with an understanding of the process management, communication and real-time functions of modern operating systems, of notions of concurrency and parallelism, and of the nature and functions of distributed systems. Unit focuses on contemporary operating systems, distributed systems and middleware, including use of Java and advanced theoretical principles upon which such systems rely. Emphasis is on practical work, involving selected programming principles and algorithms used widely in development of system software for both large and small computer systems. Practical work includes use of threads and remote method invocation for distributed programming.

Courses: IT21, IT59, IT379, IT348
Prerequisites: ITB421, ITB412
Credit points: 12 Contact hours: 3 per week

Incompatible with: ITB432

Courses: ITB432 ADVANCED PROGRAMMING LABORATORY
Team working; system documentation; requirement capture; rapid prototyping; user interface and GUI design; exposure to integrated development environment; GUI programming (windows/dialogs/menu) software component/object
UNIT SYNOPSIS

ITB442 FOUNDATIONS OF ARTIFICIAL INTELLIGENCE

This unit deals with the foundations of Artificial Intelligence, the principles of AI programming, and introduces the Lisp programming language. It overviewes the history, scope, and limitations of AI, including, in particular the architecture and the building of Knowledge-Based Systems. It also introduces Natural Language Understanding Systems. The unit commences by examining the LINUX Shell and the structure of file subsystem, process management, and the operating systems gained in an earlier unit to provide a base for the study of LINUX shell commands and security aspects of LINUX operating systems.

Courses: IT20, IT21, IF58, IF59, IF90
Prerequisites: ITB441, ITB442
Credit points: 12
Contact hours: 3 per week
Incompatible with: ITN441

ITB445 OBJECT TECHNOLOGY

This unit builds on students' basic understanding of software engineering principles by considering the object-oriented paradigm for the design and implementation of a solution to a given software engineering problem. The implementation component builds on students' knowledge of the C programming language by teaching the C++ programming language.

Courses: IT20, IT21
Prerequisites: Knowledge of the C language and Abstract Data Types eg. ITB421 and ITB107, or ITN244 and ITN424
Credit points: 12
Contact hours: 3 per week
Incompatible with: ITN445

ITB454 SOFTWARE QUALITY

Assurance

Software quality assurance is concerned with ensuring that software products are of high quality, and that the software development process supports the production of high quality software. In this unit it is presented as an integral part of software development, affecting all stages of the life cycle of a software product. Practical work focuses on the techniques and tools for defining, measuring and achieving high quality software products, and for helping to increase overall productivity.

Courses: IT20, IT21
Prerequisites: ITB424 or ITB222
Credit points: 12
Contact hours: 3 per week
Incompatible with: ITN454

Campus offered: GP Semester offered: 1

ITB458 JAVA & EXTENSIBLE PROGRAMMING

An introduction to the Java language, its standard libraries, the theoretical models underlying the design decisions of language and libraries, the creation of Java applications and applets. Broader issues of runtime extensibility and the relationship to distributed connectivity. This unit is divided into three major modules: Object-Oriented Programming in Java (weeks 1-5); Advanced Language Features (weeks 6-9); and Distributed Connectivity (weeks 10 and 11).

Courses: IT20, IT21, IT38/IT45, IF58, IF59
Prerequisites: ITB421 or equivalent knowledge of Data Structures and C or ITN410 or ITN414
Credit points: 12
Contact hours: 3 per week

ITB460 SOFTWARE ENGINEERING & GAMES DESIGN

The different games genre and playing perspectives and how these impact on social issues; games design through such strategies as storyboarding and character creation; the complementary roles of AI, graphics, geometric modelling and animation; and the use of artificial life in the design of games; user interface design and game control; networking techniques for multi-user systems; different hardware associated with games design and how sound and music are used in games.

Courses: IF90
Prerequisites: ITB441, ITB442
Credit points: 12
Contact hours: 3 per week
Campus offered: GP

ITB461 FOUNDATIONS OF NEUROCOMPUTING

This unit introduces students to the field of neurocomputing and explains the biological concepts on which it is based. Focus on how neurocomputing complements the tools of professional designers. The unit also demonstrates that neurocomputing is an inherently parallel computing method. Discusses the strengths and limitations of the most used neurocomputing models, component technologies and applications of the neurocomputing paradigm. This unit forms a base for the study of the fundamental concepts. Students work in groups on a significant project involving all phases of the software lifecycle from requirements on. The emphasis in this project is to give concrete results. The separate, but not independent compilation of modules will be discussed together with an introduction to code optimisation. Compiler-generator tools will also be used.

Courses: IT20, IT38/IT45, IF58
Prerequisites: ITB421
Credit points: 12
Contact hours: 3 per week

ITB466 COMPONENT TECHNOLOGY

Students work in groups on a significant project involving all phases of the software lifecycle from requirements on. The emphasis in this project is to give concrete results. The separate, but not independent compilation of modules will be discussed together with an introduction to code optimisation. Compiler-generator tools will also be used.

Courses: IT20, IT38/IT45
Prerequisites: ITB441, ITB442
Credit points: 12
Contact hours: 3 per week
Campus offered: GP Semester offered: 1, 2, 3

ITB469 UNIX SYSTEMS PROGRAMMING & ADMINISTRATION

This unit introduces students to the LINUX operating system. The unit commences by examining the notion of the operating system, the needs for it and services it needs to offer, using LINUX as an example. The LINUX operating system itself is introduced with a study of LINUX Shell scripting. This is followed by a broad examination of the architecture of the LINUX operating system. Topics covered include: LINUX kernel, structure of file subsystem, process management, scheduling, device I/O and interprocess communication (IPC). Finally, the unit concludes with a number of weeks covering systems administration, security aspects of LINUX operating system.

Courses: IT21, IF48, IF59, IF79, IF90
Prerequisites: ITB426 or ITB427
Credit points: 12
Contact hours: 3 per week
Campus offered: GP Semester offered: 1, 2, 3

ITB471 WINDOWS 2000 SYSTEM PROGRAMMING

This unit builds on the general principles of operating systems gained in an earlier unit to provide specific knowledge and skills for programming and administration of computer installations consisting of multiple workstations.
using the Microsoft Windows 2000 Operating System.

Courses: IT21, IF95, IF98, IF99
Prerequisites: ITB427
Credit points: 12 Contact hours: 3 per week
Incompatible with: ITN470
Campus offered: GP Semester offered: 2

▶ ITB471 SOFTWARE DEVELOPMENT FOR THE WEB
This unit is important for computer system development. However, the web is rather different from traditional PC systems and this has important effects on software development. For example, the web can be accessed using web browsers that are essentially software machines that are different in nature; the web is unreliable and is not centrally administered. This unit covers the theory and practice for developing software for web based systems. A particular practical emphasis is the Microsoft .NET system.

Prerequisites: ITB448 or a similar level of proficiency in object oriented programming
Credit points: 12 Contact hours: 3 per week

▶ ITB510 DATA COMMUNICATIONS
An introduction to telecommunications and data communication networks with specific reference to the World Wide Web (WWW), Local Area Networks (LANs), Wide Area Networks (WANs), and communications architectures (eg. TCP/IP). An overview of network management and security issues related to the use of these technologies.

Courses: IT21, IF38, IF48, IF58, IF59
Prerequisites: Nil
Credit points: 12 Contact hours: 3 per week
Incompatible with: ITN210
Campus offered: GP, CA Semester offered: 1, 2, 3

▶ ITB523 DATA SECURITY
Information security within an organisation deals with the managerial and technical aspects involved in protecting the information. At the commence level, students are able to demonstrate knowledge of the factors which impact upon the availability, integration and confidentiality of data; make a realistic assessment of the needs for data security in an organisation; discuss the implications of security decisions on the organisation's information systems.

Courses: IT20, IT21
Prerequisites: ITB510
Credit points: 12 Contact hours: 3 per week
Incompatible with: ITN523
Campus offered: GP, CA Semester offered: 1, 2

▶ ITB524 INTERNETWORKING
This unit covers in some detail the theory of operation of the TCP/IP protocol suite, including that of the operation of the network layer, the IP, and the role of the major auxiliary protocols. The unit has a significant hands-on component.

Prerequisites: ITB510
Credit points: 12 Contact hours: 3 per week
Incompatible with: ITN524
Campus offered: GP, CA Semester offered: 1, 2, 3

▶ ITB525 NETWORK ADMINISTRATION
Network Administration introduces you to the responsibilities and skills required by a local area network (LAN) administrator. You will be encouraged to develop your own approach to solving problems encountered in installing and maintaining networked computing systems in a diverse and rapidly changing world. The skills you will acquire will enable you to efficiently administer a LAN as a world class IT professional.

Courses: IT20, IT21
Prerequisites: ITB524
Credit points: 12 Contact hours: 3 per week
Incompatible with: ITN525
Campus offered: GP Semester offered: 1, 2

▶ ITB527 NETWORK TECHNOLOGIES
This unit covers a study of the operation of network hardware and the interaction of that hardware with application software and with networking media, issues arising from the use of networks in the Internet environment, and an introduction to techniques used for analysing network performance. Because of the rapidly changing nature of the field, an opportunity to discuss latest developments in Data Communications is allowed for at the end of the semester.

Courses: IT21 Prerequisites: ITB524, MA6177
Credit points: 12 Contact hours: 3 per week
Incompatible with: ITN470
Campus offered: GP, CA Semester offered: 1, 2

▶ ITB529 NETWORK SERVICES
This unit develops technical knowledge of the design, implementation and operation of web based network services by using scripting programming languages. The unit includes network programming, protocol design, models of client-server systems, object-oriented applications, CGI script programming, middleware, super-servers, and security of client-server systems.

Courses: IT20, IT21
Prerequisites: ITB411, ITB524
Credit points: 12 Contact hours: 3 per week
Incompatible with: ITN529
Campus offered: GP, CA Semester offered: 1, 2

▶ ITB533 COMPARATIVE NETWORK SYSTEMS
In this unit, students will complete laboratory exercises as a Microsoft Windows network administrator, including performance, fault, configuration and security management, registry management, customisation of off-the-shelf products, files and user administration and interfacing with other networks, such as Novell NetWare and Unix. This unit should assist those who are interested in becoming a Microsoft Certified IT Engineer (MCSE).

Courses: IT20, IT21
Prerequisites: ITB524
Credit points: 12 Contact hours: 3 per week
Incompatible with: ITN533
Campus offered: GP Semester offered: 1

▶ ITB549 ERROR CONTROL & DATA COMPRESSION
This unit deals with techniques for error control and data compression. In the treatment of data compression techniques, the focus is primarily on reversible (lossless) codes including the basic Huffman code, the widely used Ziv-Lempel technique and its variants, and the more advanced arithmetic and block codes. The second half of the course examines error control codes and decoding techniques. These include the basic Hamming codes and the widely used BCH and Reed-Solomon codes. The theoretical basis of error control and data compression in information theory is also covered Examples of specific applications, including fax encoding, CRC codes for network applications, compact disc recording, and encoding of compact discs are also covered.

Courses: IF23, IT20, IT21, MA34, SC30, SC60
Prerequisites: MAB177 or equivalent
Credit points: 12 Contact hours: 3 per week
Incompatible with: ITN549
Campus offered: CA, GP Semester offered: 1, 2

▶ ITB551 NETWORK PLANNING
Strategic planning and network technology; networking media, issues arising from the use of networks in the Internet environment, and an introduction to techniques used for analysing network performance. Because of the rapidly changing nature of the field, an opportunity to discuss latest developments in Data Communications is allowed for at the end of the semester.

Courses: IT21 Prerequisites: ITB524, MA6177
Credit points: 12 Contact hours: 3 per week
Incompatible with: ITN470
Campus offered: GP, CA Semester offered: 1, 2

▶ ITB557 NETWORK MANAGEMENT
Management of a large network is significantly more difficult than the administration of a smaller network, and requires significant additional knowledge and skills. Many Data Communications graduates will be required to manage such networks. This unit will introduce the student to the essential issues in network management, and provide appropriate exposure to the configuration and operation of network management systems.

Courses: IT20, IT21
Prerequisites: ITB525
Credit points: 12 Contact hours: 3 per week
Incompatible with: ITN565
Campus offered: GP Semester offered: 1, 2

▶ ITB564 WIRELESS NETWORKS
Wireless communications is rapidly becoming a more and more important part of everyday life. The unit aims to give the student the skills to be able to design and manage different types of wireless communication systems. Technologies to be covered include GSM, CDMA, Bluetooth, 802.11, WAP and Third Generation wireless networks. A demonstrative and experimental approach will be taken to assist with developing the student's understanding. Students will also learn through undertaking small projects in the area.

Courses: IT20, IT21
Prerequisites: ITB527
Credit points: 12 Contact hours: 3 per week
Incompatible with: ITN568
Campus offered: GP Semester offered: 2

▶ ITB566 NETWORK SECURITY FOR E-COMMERCE
Network Security is required for all inter-networked information systems. This advanced unit builds upon prior knowledge in data security and develops your practical knowledge of E-Commerce security. Implementation of security at every level of the current network models and architectures are investigated. From this, the development of policies and procedures will be formed, which will provide the structure for the implementation of security in the current network environment.

Courses: IT20, IT21
Prerequisites: ITB523
Credit points: 12 Contact hours: 3 per week
Incompatible with: ITN569
Campus offered: GP Semester offered: 1

▶ ITB576 DATA COMMUNICATIONS
This course provides an overview of the fundamental concepts of cryptography, both in the areas of crytography and cryptoanalysis. Topics include: classical, modern and public key ciphers; practical cryptoanalysis.

Courses: IF23, IT20, IT21, MA34, SC30, SC60
Prerequisites: MAB177 or equivalent
Credit points: 12 Contact hours: 3 per week
Incompatible with: ITN566
Campus offered: GP Semester offered: 1

▶ ITB578 PROJECT 1
Students, either individually or in small groups, undertake a substantial project, which is relevant to the needs of industry, government or a research area. Each project is carried out under the supervision of one or two staff members whose interests lie in the field of the project.

Courses: IT21
Prerequisites: Completion of at least 72 credit points of Data Communications units and a GPA of 5 or better.
Credit points: 12 Contact hours: 1 per week
Campus offered: GP Semester offered: 1, 2, 3

▶ ITB577 PROJECT 2
Students, either individually or in small groups, undertake a substantial project, which is relevant to the needs of industry, government or a research area. Each project is carried out under the supervision of one or two staff members whose interests lie in the field of the project.

Courses: IT21
Prerequisites: Completion of at least 72 credit points of Data Communications units and a GPA of 5 or better.
Credit points: 12 Contact hours: 1 per week
Campus offered: GP Semester offered: 1, 2, 3
UNIT SYNOPSIS

ITB823 WEB SITES FOR ELECTRONIC COMMERCE

This unit introduces students to information technologies in organisations, the way in which information technologies support key organisational functions, what information resources are available to them, and how various organisational units are involved in the systems development process. How organisations use these technologies and how they plan for, develop and implement technology applications are considered.

Campus offered: ITB823 CAMPUS
Credit points: 12
Contact hours: 3 per week
Semester offered: 2

ITB826 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 integrity including domains, primary and foreign keys, and the use of views; update anomalies; the first three normal forms of relational database design. Application development using a fourth generation database management system; privacy, security and integrity.

Courses: ITB826 CAMPUS
Credit points: 12
Contact hours: 4 per week
Semester offered: 1, 2, 3

ITD225 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 integrity including domains, primary and foreign keys, and the use of views; update anomalies; the first three normal forms of relational database design. Application development using a fourth generation database management system; privacy, security and integrity.

Courses: ITD225 CAMPUS
Credit points: 12
Contact hours: 4 per week
Incompatible with: ITB825
Campus offered: KG Semester offered: 1, 2, 3

ITD410 SOFTWARE DEVELOPMENT 1

Introduces software projects required to provide solutions to problems using computers. The unit provides students with a disciplined and structured approach to algorithm design and implementation in a high-level object-oriented programming language. This process is understood within the context of the software development lifecycle.

Courses: ITD410 CAMPUS
Credit points: 12
Contact hours: 4 per week
Incompatible with: ITB825
Campus offered: KG Semester offered: 1, 2, 3

ITD411 SOFTWARE DEVELOPMENT 2

Quality software development is increasingly reliant upon object-oriented programming languages and re-usable library modules, with Abstract Data Types chosen to reflect the data and operations required by the application. This course provides the foundations of object-oriented application and systems design, stressing the importance of separation of the applications programming interface (API) from the underlying implementation. The approach is illustrated through the realisation of a series of fundamental data types and associated algorithms within a modular programming language.

Courses: ITD411 CAMPUS
Credit points: 12
Contact hours: 4 per week
Incompatible with: ITB825
Campus offered: KG Semester offered: 1, 2, 3

ITD412 TECHNOLOGY OF INFORMATION SYSTEMS

Topics include: computer organisation, hardware, software, data organisation, information storage retrieval, computer systems; programming; problem-solving; analysis of numerical and non-numerical problems; the use of Electronic Mail, Web browsers, Microsoft Word, Excel and Access.

Courses: ITD412 CAMPUS
Credit points: 12
Contact hours: 3 per week
Campus offered: OP Semester offered: 1, 2

ITB843 COMPUTING APPLICATIONS

An introduction to computer programming that covers simple applications in either MATLAB or Visual BASIC. Topics include: computer utilisation; computer organisation; hardware; software; data organisation; information storage retrieval; computer systems; programming; problem-solving; analysis of numerical and non-numerical problems; the use of Electronic Mail, Web browsers, Microsoft Word, Excel and Access.

Courses: ITB843 CAMPUS
Credit points: 12
Contact hours: 3 per week
Campus offered: OP Semester offered: 1, 2

ITB844 PROJECT (IF59)

Students in IF59, either individually or in small groups, undertake a substantial project relevant to the field of Information Systems, designed to provide an opportunity to pilot one phase of the proposed research project. This unit allows students to acquire the necessary skills required to review the applications of other researchers, and to implement a component of the proposed research. This unit allows students in preparing a well written research report.

Courses: ITB844 CAMPUS
Credit points: 12
Contact hours: 3 per week

ITN122 HONOURS DISSERTATION (IS) FULL-TIME

An appropriately-sized problem is formulated in consultation with one or more project supervisors in the School of Information Systems, and is usually associated with one of the research interests of the School. Student and supervisor(s) 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: ITN122 CAMPUS
Credit points: ITN100, ITN110 (12 credit point project) (In some circumstances these may be undertaken concurrently after consultation with the Honours co-ordinator)
Credit points: 24
Contact hours: 24 Contact hours: 1 per week
Semester offered: 1, 2, 3

ITN123 HONOURS DISSERTATION (IS) PART-TIME

An appropriately-sized problem is formulated in consultation with one or more project supervisors in the School of Information Systems, and is usually associated with one of the research interests of the School. Student and supervisor(s) 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: ITN123 CAMPUS
Credit points: ITN100, ITN110 (12 credit point project) (In some circumstances these may be undertaken concurrently after consultation with the Honours co-ordinator)
Credit points: 24 (12 per semester in consecutive semesters)
Contact hours: 24 Contact hours: 1 per week
Semester offered: 1, 2, 3

ITN135 DISSERTATION 2 (DC)

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: ITN135 CAMPUS
Credit points: ITN100, ITN110 (12 credit point project) (In some circumstances these may be undertaken concurrently after consultation with the Honours co-ordinator)
Credit points: 24
Contact hours: 24 Contact hours: 1 per week
Semester offered: 1, 2, 3
Courses:

- 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.

- ITN144 MAJOR PROJECT (CS) 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.

- ITN145 MAJOR PROJECT (DC)
  Designed to enable a student to undertake significant research work in a particular area of information technology. Topic is decided by agreement between the student and a supervising staff member.

- 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.

- ITN154 MAJOR PROJECT (CS) 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.

- ITN172 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.

- ITN174 PROJECT (CS)
  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.

- ITN175 PROJECT (DC)
  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.

- ITN180 MAJOR PROJECT (IS) PT
  Each part-time student will undertake a substan-
tial project relevant to the needs of commerce or industry. Ideally, the project will be in the student’s workplace. Supervision of the Major Project will be provided by a QUT academic in collaboration with a responsible person from the organisation for whom the project is being undertaken.

- ITN183 MAJOR PROJECT (CS) PT
  Each student will undertake a substantial project relevant to the needs of commerce or industry. Ideally, the project will be in the student’s workplace. Supervision of the Major Project will be provided by a QUT academic in collaboration with a responsible person from the organisation for whom the project is being undertaken.

- ITN184 MAJOR PROJECT (CS) PT
  Each part-time student will undertake a substan-
tial project relevant to the needs of commerce or industry. Ideally, the project will be in the student’s workplace. Supervision of the Major Project will be provided by a QUT academic in collaboration with a responsible person from the organisation for whom the project is being undertaken.
UNIT SYNOPSIS

► ITN186 MAJOR PROJECT (DC)
Each part-time student will undertake a substan-
tial project to meet the needs of commerce or industry. Ideally, the project will be in the student’s workplace. Supervision of the Major Project will be provided by a QUT academic in collaboration with the responsible person from the organisation for whom the project is being un-
dertaken.
Corequisites: ITN50, ITN55
Prerequisites: Nil
Credit points: 48
Contact hours: 1 per week
Campus offered: GP Semester offered: 1, 2, 3
► ITN211 SYSTEMS ANALYSIS & DESIGN
Systems Development Life Cycle, Systems De-
velopment Methods, Information Gathering, Pro-
cess and Data Modelling, Automated Tools, Design
Standards and Guidelines, Prototyping, Quality Assurance in information systems.
Courses: IT35/IT40, IT25, IT38/IT45
Prerequisites: Nil
Credit points: 12
Contact hours: 3 per week
► ITN212 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 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 imple-
mented via SQL. This is a foundation unit for the further study of database and information sys-
tems theory and practice.
Courses: IT38/IT45
Prerequisites: Nil
Corequisites: Nil
Credit points: 12
Contact hours: 3 per week
► ITN219 APPLICATION PROGRAMMING
Extends student skills in structured program de-
sign and implementation through a widely used commercially oriented third generation language and development environment. Programming examples will be drawn from typical industry applications.
Courses: IT38/IT45
Prerequisites: ITN212, ITN410
Corequisites: Nil
Credit points: 12
Contact hours: 3 per week
► ITN220 MAJOR ISSUES IN BUSINESS SYSTEMS TECHNOLOGY
This unit explores aspects of Information Sys-
tems Technology judged to be of current or po-
tential importance. These include matters relating to standards, emerging technologies as well as social and ethical considerations.
Courses: IT54, IT55/IT40, IT38/IT45
Prerequisites: Nil
Credit points: 12
Contact hours: 3 per week
► ITN221 OBJECT-ORIENTED ANALYSIS & DESIGN
The goal is to develop basic skills in methodolo-
gies and technologies of object-oriented analysis and design. With an applied emphasis on data-
base systems.
Courses: IT30, IT35/IT40, IT38/IT45
Prerequisites: ITN410, ITN211
Credit points: 12
Contact hours: 3 per week
contact hours: 2 per week
Campus offered: GP Semester offered: 2
► ITN223 4GL SYSTEMS
Characteristics of 4GL development environ-
ments; Database creation and manipulation database ap-
lications; Database Design for web enabled da-
tabase applications.
Courses: IT35/IT40, IT38/IT45
Prerequisites: ITN212
Corequisites: Nil
Credit points: 12
Contact hours: 3 per week
► ITN227 WEB APPLICATIONS
Design Elements for Interactive Web Front Ends; Architecture of web-enabled applications; Database Design for web enabled data-
base applications.
Courses: IT35/IT40, IT38/IT45
Prerequisites: ITN212
Corequisites: Nil
Credit points: 12
Contact hours: 3 per week
► ITN232 ENTERPRISE SYSTEMS APPLICATIONS
1) Enterprise Systems Management, The SAP Ex-
ample, The Enterprise Systems Lifecycle, II) The main modules of Enterprise Systems, Ac-
counting (Financial Accounting, Controlling), Human Resource Management, Logistics (Mate-
rials Management, Production Planning and Control, Sales and Distribution), Integration of
these modules, III) E-Commerce and Customer Relationship Management.
Courses: IT38/IT45
Prerequisites: ITN212
Credit points: 12
Contact hours: 3 per week
Incompatible with: ITB232
► ITN233 ENTERPRISE SYSTEMS APPLICATIONS
1) Enterprise Systems Management, The SAP Ex-
ample, The Enterprise Systems Lifecycle, II) The main modules of Enterprise Systems, Ac-
counting (Financial Accounting, Controlling), Human Resource Management, Logistics (Mate-
rials Management, Production Planning and Control, Sales and Distribution), Integration of
these modules, III) E-Commerce and Customer Relationship Management.
Courses: IT38/IT45
Prerequisites: ITN212
Credit points: 12
Contact hours: 3 per week
Incompatible with: ITB232
► ITN243 KNOWLEDGE-BASED SYSTEMS
Propositional and Predicate logic, knowledge representation, AND/OR graphs, semantic con-
sequence, natural deduction, resolution.
Courses: IT38/IT45
Credit points: 12
Corequisites: ITN229
Contact hours: 3 per week
Incompatible with: ITN231
► ITN244 SPECIAL TOPIC 1A
These units are designed to allow for the signifi-
cant development of, or emphasis in, information systems not normally covered in other course units. Se-
lected topics and study areas are offered as re-
quired and when the expertise is available. See
School of Information Systems announcements for details of interest.
Courses: IT30, IT35/IT40, IT38/IT45
Prerequisites: Nil
Credit points: 12
Contact hours: 3 per week
► ITN245 R3 SYSTEMS ADMINISTRATION
Basic systems administration; Architecture of an
R/3 system; Using the Computer Centre Man-
agement System (CCMS) to monitor the system; Concepts of database administration, backup and recover,
Use of the SAPDBA, BRBACKUP, & BRARCHIVE utilities for database administra-
tion functions; Management of Users, Authorisa-
tions and Profiles, Use of automated system administration tools provided with R/3.
Courses: IT30, IT35/IT40
Prerequisites: ITB232 (or equivalent)
Credit points: 12
Contact hours: 3
► ITN246 MINOR PROJECT 1 (IS)
Students may pursue a specialised area or bro-
ad their knowledge in an area of relevance to
their employment. Topic is decided by agree-
ment between the student and a staff member
acting as a supervisor. A 3 hour minimum de-
monstration and/or presentation will be required be-
fore the due date for submitting the report in last
week of the semester.
Courses: IT35/IT40
Prerequisites: At least 48 credit points com-
pleted
Credit points: 12
Contact hours: By arrangement with the super-
visor of the project. Minimum contact should
consist of one meeting per week.
► 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 agree-
ment between the student and a staff member
acting a supervisor. A 2 hour minute demon-
stration and/or presentation will be required be-
fore the due date for submitting the report last
week of the semester.
Courses: IT35/IT40
Prerequisites: At least 48 credit points completed
Credit points: 12
Contact hours: By arrangement with the super-
visor of the project. Minimum contact should
consist of one meeting per week.
► ITN251 CASE STUDIES IN ENTERPRISE SYSTEMS
Topics include: system selection processes; pro-
cess engineering; outsourcing; implementation
issues (such as business process reengineering, benefits realisation and change management), align-
ment issues, relationship management.
Courses: IT30, IT35/IT40, IT38/IT45
Prerequisites: Nil
Credit points: 12
Contact hours: 3 per week
► ITN253 CASE STUDIES IN ENTERPRISE SYSTEMS
Topics include: system selection processes; pro-
cess engineering; outsourcing; implementation
issues (such as business process reengineering, benefits realisation and change management), align-
ment issues, relationship management.
Courses: IT30, IT35/IT40
Prerequisites: Nil
Credit points: 12
Contact hours: 3 per week
Incompatible with: ITN282
► ITN254 INTERACTIVITY DESIGN
Introduction to interactivity design and the us-
ability engineering lifecycle; human cognition and percep-
tion and their effect on user inter-
activity; introduction to contextual analysis; the usability engineering life cycle; usability goal setting; planning and conducting evaluation of a
interface design; structured interactivity design
methods; guidelines and standards for interface design testing & evaluation; interface design basics of support printed manuals, demonstration and discussion of prototypes; summary and re-
view.
Courses: IT30, IT35/IT40, IT38/IT45
Prerequisites: ITN211, ITN227, or equivalent or permission of unit coordinator.
Credit points: 12
Contact hours: 3 per week
Incompatible with: ITB254
UNIT SYNOPSIS

► ITN255 KNOWLEDGE MANAGEMENT
The unit focuses on three main areas of understanding: knowledge management fundamentals; knowledge management for EWS; and EWS vendor and consultant knowledge strategies.

Courses: ITN255/ITN212; ITN251/ITN212;
Prerequisites: ITN251
Credit points: 12
Contact hours: 3 per week
Incompatible with: ITN212
Semester offered: 2

► ITN257 MULTIMEDIA SYSTEMS
Multimedia Authoring; Cognitive aspects of multimedia; The Media Elements; Still images, video and animation; Sound (wave form, MIDI, voice); Compression and transmission of multimedia; Hypermedia; Collaborative software for multimedia delivery; Programming development for multimedia; Combining media; The Future in Multimedia.

Courses: IT38/IT45
Prerequisites: IT38/IT45; ITN212; ITN35/IT40
Credit points: 12
Contact hours: 3 per week
Incompatible with: ITB257

► ITN258 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: IT38/IT45
Prerequisites: ITN223
Credit points: 12
Contact hours: 2 per week
Incompatible with: ITB258

► ITN262 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 questions.

Courses: IT38/IT45, IT35/IT40
Prerequisites: ITN257 or ITN520
Credit points: 12
Contact hours: 3 per week
Incompatible with: ITB260

► ITN263 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 maintenance and statistical applying tools for Web users’ profiling, automated negotiation in electronic market-places.

Courses: IT38/IT45
Prerequisites: ITN212, ITN410
Corequisites: Nil
Credit points: 12
Contact hours: 3 per week

► ITN265 MANAGEMENT OF INFORMATION PROGRAMS
Application of information management techniques at different levels to information services, in particular libraries and library procedures; administrative structuring of libraries and the corporate environment; library technical and service divisions and the application of staff development, automation, performance evaluation and financial control to specific work areas; communication processes within libraries and between staff and users; leadership and professionalism in the context of libraries; human resource and financial planning; strategic planning.

Prerequisites: ITN215, ITN210
Credit points: 12
Contact hours: 3 per week
Incompatible with: ITB265
Semester offered: 2

► ITN271 WORKFLOW MANAGEMENT

Courses: IT38/IT45
Prerequisites: ITN252
Credit points: 12
Contact hours: 3 per week

► ITN281 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: IT50, IT93
Prerequisites: Knowledge of SQL
Credit points: 12
Incompatible with: ITB258/ITN258

► ITN283 ISSUES IN INFORMATION TECHNOLOGY MANAGEMENT

Courses: IT50, IT93
Prerequisites: Nil
Corequisites: Nil
Credit points: 12
Contact hours: 3 per week
Incompatible with: ITN251

► 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
Corequisites: Nil
Contact hours: 2 per week

► ITN285 KNOWLEDGE MANAGEMENT
This unit presents the managerial and technical issues pertaining to the capture, storage and use of organisational knowledge in an Enterprise Wide System. It focuses on the issues relating to the development and use of data warehouse for storing and consolidating data from an organisation’s traditional legacy and transaction processing systems’ databases. It also focuses on the issues related to the employment of the data capturing and traditional databases in supporting management functions such as decision making and planning.

Courses: IT50, IT93
Prerequisites: Nil
Credit points: 12
Incompatible with: ITN255

Semester offered: 2

► ITN286 PROCESS ENGINEERING & EWS

Courses: IT50
Prerequisites: Nil
Credit points: 12
Contact hours: 3 per week
Incompatible with: ITN252

Semester offered: 2

► ITN287 R/3 SYSTEMS ADMINISTRATION
Basic systems administration; Architecture of an R/3 system; Using the Computer Centre Management System (CCMS) to monitor the system; Concepts of database administration, backup and recovery. Use of the SAPDBA, BBRCUP, and BRARCHIVE utilities for database administration functions; Management of Users, Authorisations and Profiles, Use of the system administration tools provided with R/3.

Courses: IT50
Prerequisites: Nil
Credit points: 12
Contact hours: 3 per week
Incompatible with: ITN248

Semester offered: 2

► ITN288 PROJECT (ABAP PROJECT)
ABAP language elements; ABAP Workbench tools; Workbench Organiser.

Courses: IT50
Prerequisites: ITN258/ITN281 with a grade 5 or more
Credit points: 12
Contact hours: 3 per week

► ITN289 PROJECT (R/3 SYSTEMS ADMINISTRATION)
Students may undertake a project in the area of R/3 systems administration. The topic is decided by agreement between the student and a supervising staff member.

Courses: IT50
Prerequisites: ITN287
Credit points: 12
Credit points: Nil

► ITN290 KNOWLEDGE MANAGEMENT
Students working individually or in groups, may pursue a specialised area or broaden their knowledge in areas of relevance to their professions. The topic is decided by agreement between the student and a staff member acting as supervisor. Students may approach a proposed supervisor independently. Students not familiar with faculty staff should first approach the unit coordinator for guidance.

Courses: IT50
Prerequisites: ITN255, ITN285 as prerequisite or corequisite.
Corequisites: ITN255, ITN285 as prerequisite or corequisite.
Credit points: 12
Contact hours: 1-2 hours by appointment with the supervisor

► ITN291 PROJECT IN PROCESS ENGINEERING

Courses: IT50
Prerequisites: ITN286 or equivalent
Credit points: 12
Contact hours: 3 per week

► ITN322 INFORMATION RESOURCES
Managing information; database structure, basic searching; online industry; searching and the searching process; search strategies; online sources, Dialog etc., CD-ROMs; the Internet historical background and searching tools; management aspects of using external search services; and legal information sources; research and development information sources; demo-graphic data; government resources; marketing information sources; patents, standards; census data, company annual reports; people as sources of information; ethics of information gathering.

Courses: IT35/IT45
Prerequisites: To have completed units in programming, rational database theory and systems analysis and design techniques
Credit points: 12
Contact hours: 3 per week
Incompatible with: ITB322

► ITN330 INFORMATION ISSUES
Concepts of information and associated information technology create fundamental issues for society, particularly in the political and social arenas. This unit explores the breadth 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 & Information Association. Representative issues
addressed are: information ownership, equity in information access, protection of information, currency and the ethical and legal dimensions of information resource provision are also highlighted.

Courses: IT25
Prerequisites: Nil
Credit points: 12 Contact hours: 3 per week Incompatible with: ITB339
Campus offered: GP Semester offered: 2

► ITN339 PROFESSIONAL PRACTICE
This unit provides both an opportunity for students to spend a period in a professional information professional environment, and an opportunity to examine through a seminar series many of the issues that have an impact upon professionals working in information professions, with particular reference to libraries. It will provide a contemporary perspective of the role of libraries and information agencies; alternative approaches and technologies for information provision and dissemination; processes and techniques of communication; social and legal framework affecting information provision; the role of librarians and information professionals. Students will complete two fieldwork placements of fifteen days each. Their fieldwork placements are to be organised by the students, in conjunction with a faculty supervisor.

Courses: IT25
Prerequisites: ITN336, ITN337
Credit points: 12 Contact hours: 2 hours per week, plus 2 places of the DIMS Prerequisites: Nil

► ITN410 SOFTWARE PRINCIPLES
This unit will cover: a review of programming fundamentals in C; advanced programming techniques - recursion, dynamic memory allocation and pointer-linked structures, file input/output; the Abstract Data Type (ADT) concept and its expression in C: standard abstractions - stack, queue, sequence, table - and their implementations - arrays, linked lists, binary search; C's memory management, algorithm analysis - complexity measures, the big-O notation; software engineering - analysis, specification, design coding, testing and documenting, documentation and life cycle. This unit provides students with practical experience in designing, implementing and testing software systems that are reliable, working within budget, fully documented, and well tailored to their needs.

Courses: IT25, IT38/IT45, IT35/IT40
Prerequisites: ITN336, ITN337
Credit points: 12 Contact hours: 3 per week
Campus offered: GP Semester offered: 2

► ITN414 SOFTWARE DEVELOPMENT 3
This unit presents the software engineering principles and the associated techniques and tools for producing software systems that are reliable, working within budget, fully documented, and well tailored to their needs.

Courses: IT35/IT40, IT38/IT45
Prerequisites: ITN411 or ITN410 and ITN106 (A knowledge of Java is recommended)
Credit points: 12 Contact hours: 3 per week
Campus offered: GP Semester offered: 2

► ITN424 SOFTWARE ENGINEERING PRINCIPLES
This unit presents the software engineering principles and the associated techniques and tools for producing software systems that are reliable, working within budget, fully documented, and well tailored to their needs.

Courses: IT35/IT40, IT38/IT45
Prerequisites: Nil
Credit points: 12 Contact hours: 3 per week
Campus offered: GP Semester offered: 2

► ITN427 CONCURRENT AND DISTRIBUTED SYSTEMS
Unit is intended to provide students with an understanding of the process management, process communication and real-time functions of modern operating systems, of notions of concurrency and parallelism, and of the nature and functions of distributed systems. Unit focuses on contemporary operating systems, distributed systems and middleware, including use of Java and advanced data types and structures. Unit covers: Java as an object-oriented and concurrent programming language; Java for distributed systems development; Java as a platform for building distributed systems. Unit focuses on practical work, involving selected programming principles and algorithms used widely in development of system software for both large and small computer systems. Practical work includes use of threads and remote method invocation for distributed programming.

Courses: IT35/IT40, IT38/IT45
Prerequisites: ITN421, ITN424
Credit points: 12 Contact hours: 3 per week

► ITN431 DISTRIBUTED SYSTEMS
This subject is intended to provide a thorough understanding of the rationale for distributed computer systems, their domain of application and the principles of distributed computing underly-ing their construction. A number of representative systems will be examined throughout the subject with practical work being carried out us-
UNIT SYNOPSIS

**ITN432 ADVANCED PROGRAMMING LABORATORY**
Team working; system documentation; requirement gathering. The unit commences by examining the notion of the operating system, the needs for it and services it needs to offer, using LINUX as an example. The LINUX operating system itself is introduced with a study of the LINUX Shell scripting. This is followed by a broad examination of the architecture of LINUX operating systems. Topics covered include LINUX kernel structure, file subsystem, process management, scheduling, device I/O and interprocess communication (IPC). Finally, the unit concludes with a number of weeks covering systems administration and security aspects of LINUX operating systems.

Courses: IT35/40, IT38/IT45
Credit points: 12
Contact hours: 3 per week

**ITN449 MINOR PROJECT 1 (CS)**
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
Credit points: 12
Contact hours: 3 per week
Campus offered: GP Semester offered: 1, 2, 3

**ITN447 SPECIAL STUDIES**
Aspects of current scientific research interest allowing for significant developments in computing science not provided for elsewhere in the program. See noteboard for further information.

Courses: IT30, IT35/IT40, IT38/IT45
Contact hours: 3 per week
Incompatible with: ITB433

**ITN440 GRAPHICS**
This is a general introduction to the area of computer graphics. It includes topics on geometric modelling (how to construct an object to be displayed); 2D and 3D transformation (how to move the object); hidden surface removal, illumination and shading (how to make the object look realistic); the software that will enable this process to be implemented; and an understanding of the way the hardware (specifically the display technology) effects the graphical output of the software.

Courses: IT38/IT45, IT35/IT40
Prerequisites: ITN410
Credit points: 12
Contact hours: 3 per week
Campus offered: GP Semester offered: 2

**ITN441 FOUNDATIONS OF ARTIFICIAL INTELLIGENCE**
This unit deals with the foundations of Artificial Intelligence through a combination of teaching, and introduces the Lisp programming language. It overview the history, scope, and limitations of artificial intelligence, social, ethical, legal, and philosophical implications. It examines some common application areas and case studies in AI, in particular those of search and control techniques, and uncertain reasoning techniques. An introduction to Knowledge-Based and Expert Systems is included, in particular the architecture and the building of Knowledge-Based Systems. It also introduces Natural Language Understanding Systems and the techniques involved in building multilingual systems.

Courses: IT30, IT35/IT40, IT38/IT45
Prerequisites: ITB417/ITN417
Contact hours: 3 per week

**ITN443 NEUROCOMPUTING**
An introduction to the principles upon which current artificial neural network computing is based, giving examples of current applications, and an understanding of potential future development of the technology.

Courses: IT30, IT35/IT40, IT38/IT45
Prerequisites: Nil
Credit points: 12
Contact hours: 3 per week
Campus offered: GP Semester offered: 2

**ITN445 PATTERN RECOGNITION**
Practical and theoretical approaches to pattern recognition and computer vision. With the development of artificial intelligence, there is an increasing importance of pattern recognition. Two principal methods are being used: statistical methods and neural networks. Neural networks are well suited to problems where the patterns are not well known and need to be learned. The general techniques such as feedforward and backpropagation networks are considered together with more recent developments such as radial basis function networks.

Courses: IT30, IT35/IT40, IT38/IT45
Prerequisites: Nil
Credit points: 12
Contact hours: 3 per week
Campus offered: GP Semester offered: 1

**ITN456 COMPONENT TECHNOLOGY**
This unit aims to examine some of the programming languages such as COM/ActiveX, Java/JavaBeans and CORBA. This unit combines an in-depth coverage of these approaches with a thorough introduction to their relation to the theoretical concepts of component-oriented software development.

Courses: ITB450/IT35/IT40
Prerequisites: ITN415
Credit points: 12
Contact hours: 3 per week

**ITN469 UNIX SYSTEM PROGRAMMING & ADMINISTRATION**
Introduces students to the LINUX operating system. The unit commences by examining the notion of the operating system, the needs for it and services it needs to offer, using LINUX as an example. The LINUX operating system itself is introduced with a study of the LINUX Shell scripting. This is followed by a broad examination of the architecture of LINUX operating systems. Topics covered include the LINUX kernel, structure of the file subsystem, process management, scheduling, device I/O and interprocess communication (IPC). Finally, the unit concludes with a number of weeks covering systems administration and security aspects of LINUX operating systems.

Courses: IT35/IT40, IT38/IT45
Credit points: ITB426 or ITB427
Credit points: 12
Contact hours: 3 per week

**ITN481 OBJECT TECHNOLOGY**
This unit introduces students to Object Technology and C++. The unit first examines how using object-oriented techniques can lead to more maintainable and testable software. Relationships between existing object oriented approaches. C++ is introduced as a concrete example of an object oriented language, and used to describe a number of fundamental ideas such as class, inheritance and polymorphism. UML is introduced as a concrete example of an object oriented analysis and design methodology, and used to demonstrate how object oriented solutions are properly created. Finally, a number of more advanced aspects of C++ are considered.

Courses: IT30, IT35/IT40
Contact hours: 3 per week
Incompatible with: ITB448

**ITN483 SOFTWARE ENGINEERING & QUALITY ASSURANCE**

Courses: IT50, IT91
Prerequisites: Assumed knowledge - Experience in software development

**ITB450/ITN450 DISTRIBUTED SYSTEMS**
The unit is intended to provide a thorough understanding of the rationale for distributed computer systems, their domain of application and the principles of distributed control underlying their construction. A number of representative systems will be examined throughout the subject with practical work being carried out using Java and the Common Object Request Broker Architecture (CORBA) to reinforce theoretical concepts in a practical setting.

Courses: IT50, IT91
Prerequisites: ITB427/ITN427
Credit points: 12
Contact hours: 3 per week
Incompatible with: ITB451

**ITB455 WINDOWS NT ADMINISTRATION**
This unit is intended to be a comprehensive guide to Windows NT Server. It includes: an architectural overview of Windows NT; how do you install NT Server; administering Users and Groups; configuring file systems and security; configuring local and network printing; a coheren server environment; tuning your system for performance and troubleshooting your system.

Courses: IT50
Credit points: 12
Contact hours: Nil
Campus offered: GP Semester offered: 1
UNIT SYNOPSES

▲ ITN510 DATA COMMUNICATIONS
An introduction to telecommunications and data communications with specific reference to the World Wide Web (WWW), Local Area Networks (LANs) (e.g. Ethernet), Wide Area Networks (WANs), and communications architectures. An overview of modern networking management and network security issues.

Courses: IT35/IT40, IT38/IT45
Prerequisites: Nil
Credit points: 12 Contact hours: 3 per week
Incompatible with: ITB510
Campus offered: GP, CA Semester offered: 1, 2

▲ ITN523 DATA SECURITY
Information security within an organisation deals with the managerial and technical aspects involved in protecting the information. At the completion of this unit, students are able to demonstrate knowledge of the factors which impact upon audit, law, authentication and the use of identity of data; make a realistic assessment of the needs for data security in an organisation; discuss the implications of security decisions on the organisation's information systems.

Courses: IT38/IT45, IT35/IT40
Prerequisites: IT38/IT45: Nil, IT35/IT40: ITN510, ITN511, ITN515
Credit points: 12 Contact hours: 3 per week
Incompatible with: ITB523
Campus offered: GP, Semester offered: 1, 2, 3

▲ ITN524 INTERNETWORKING
This unit covers in some detail the theory of operation of the TCP/IP protocol suite, including the routing of IP packets, the operation of TCP, and the role of the major auxiliary protocols. The unit has a significant hands-on component.

Courses: IT35/IT40, IT38/IT45
Prerequisites: IT35/IT40: Nil, IT35/IT40: ITN510
Credit points: 12 Contact hours: 3 per week
Incompatible with: ITB524
Campus offered: GP, Semester offered: 1, 2, 3

▲ ITN525 NETWORK ADMINISTRATION
Network Administration introduces you to the responsibilities and skills required by a local area network (LAN) administrator. You will be encouraged to develop your own approach to solving problems encountered in installing and managing a multi-user networked environment in a diverse and rapidly changing world. The skills you will acquire will enable you to efficiently administer a LAN as a world class IT professional.

Courses: IT35/IT40, IT38/IT45
Prerequisites: IT35/IT40: Nil
Credit points: 12 Contact hours: 3 per week
Incompatible with: ITB525
Campus offered: GP Semester offered: 1, 2

▲ ITN527 NETWORK TECHNOLOGIES
This unit introduces the fundamental principles of networking hardware and the interaction of that hardware with application software and with networking media, including issues of security networking in especially the Internet environment, and an introduction to techniques used for analysing network performance. Because of the rapidly changing nature of the field, an opportunity to discuss latest developments in Data Communications is allowed for at the end of the semester.

Courses: IT30, IT35/IT40, IT38/IT45
Prerequisites: ITN524
Credit points: 12 Contact hours: 3 per week
Incompatible with: ITB527
Campus offered: GP Semester offered: 1, 2

▲ ITN529 NETWORK SERVICES
This unit develops your practical knowledge of the theoretical principles and implementation of web-based network services by using scripting programming languages. The unit includes network protocols, security issues, client-server, object-oriented programming, CGI script programming, middleware, super-servers, and security of web based systems.

Courses: IT35, IT38, IT40, IT45
Prerequisites: IT38, IT45: ITN524, ITN410, IT35, IT38, IT40: ITN524
Credit points: 12 Contact hours: 3 per week
Campus offered: GP Semester offered: 1, 2

▲ ITN531 NETWORK SECURITY
This unit considers the security and control aspects of distributed data networks with particular reference to both global and national information infrastructure. Underlying security technologies are considered within a broader legal and standards environment for the protection of enterprise network assets. As electronic commerce activities gather pace, Research topics in this area will also be identified.

Courses: IT30, IT35/IT40, IT38/IT45
Prerequisites: ITN524 or ITN569
Credit points: 12 Contact hours: 3 per week
Campus offered: GP Semester offered: 2

▲ ITN533 COMPARATIVE NETWORK SYSTEMS
In this unit, students will complete laboratory exercises as a Microsoft Windows network administrator. Topics include: performance, fault, configuration and security management, registry management, customisation of off-the-shelf products, file systems, printing, user administration and interfacing with other networks, such as Novell NetWare and Unix. This unit should assist those who are interested in becoming a Microsoft Certified Systems Engineer (MCSA).

Courses: IT35/IT40, IT38/IT45
Prerequisites: ITN524
Credit points: 12 Contact hours: 3 per week
Incompatible with: ITB525
Campus offered: GP Semester offered: 1, 2

▲ ITN536 TOPICS IN SECURITY
Puts the role of security services and mechanisms into perspective, demonstrates how security services can be used to secure system operation, and makes use of case studies to illustrate real-world problems; typical case studies may include: secure electronic mail, secure telephones, electronic commerce, security of medical information, secure mobile communications, satellite TV, and a student will conduct their own case study of a particular application.

Courses: IT30, IT35/IT40, IT38/IT45
Prerequisites: ITB523/ITN523* or ITB566/ITN566
Corequisites: *Unit can be taken as a corequisite
Credit points: 12 Contact hours: 3 per week
Campus offered: GP Semester offered: 1

▲ ITN549 ERROR CONTROL & DATA COMPRESSION
This unit covers techniques for error control and data compression. In the treatment of data compression techniques, the focus is primarily on reversible (lossless) codes including the basic Huffman code, and the widely used Ziv-Lempel technique and its variants, and the more advanced arithmetic and block codes. The second half of the course examines error control codes and decoding techniques. These include the basic Hamming codes and the widely used BCH and Reed-Solomon codes. The theoretical basis of error control and data compression in information theory is also covered Examples of specific applications, including fax encoding, CRCs in network protocols, satellite communications and encoding of compact discs are also covered.

Courses: IT38/IT45, IT35/IT40
Prerequisites: IT38/IT45: MAB177, IT35/IT40: Nil
Credit points: 12 Contact hours: 3 per week
Incompatible with: ITB520
Campus offered: GP Semester offered: 1, 2

▲ ITN551 NETWORK PLANNING
Strategic planning and network technology; networked business applications; analysing and assessing network systems, determining networking requirements; local and wide area network design issues; future planning.

Courses: IT35, IT38
Prerequisites: ITN527
Credit points: 12 Contact hours: 3 per week
Incompatible with: ITB551
Campus offered: GP Semester offered: 2

▲ ITN556 ADVANCED TOPICS IN CRYPTOLOGY
This unit develops an understanding of the fundamental principles and techniques of modern cryptography. Modern cryptographic techniques are developed and implementation issues are addressed. This unit is suitable for students in other IT units in the major.

Courses: IT35/IT40
Prerequisites: ITN527
Credit points: 12 Contact hours: 3 per week
Campus offered: GP Semester offered: 1

▲ ITN564 APPLICATION SERVICES
The unit describes the role of networked object-oriented applications for data communication and explores a modern technological environment and examines their design and implementation. It covers basic concepts and terminology; the standards used by industry; client server design methodologies; client software and server software for object-oriented data communications involving legalisation, access control, distributed processing on networks; and collaborative computing.

Courses: IT35/IT40, IT38/IT45
Corequisites: Nil
Credit points: 12 Contact hours: 3 per week
Incompatible with: ITB564
Campus offered: GP Semester offered: 2

▲ ITN565 NETWORK MANAGEMENT
Management of a large heterogeneous network is significantly more difficult than the administration of a small network, and requires significant additional knowledge and skills. Many Data Communications graduates will be required to manage such networks. This unit will introduce the student to the essential issues in network management, and provide appropriate experience in the configuration and operation of network management systems.

Courses: IT35/IT40
Prerequisites: ITN525
Credit points: 12 Contact hours: 3 per week
Incompatible with: ITB565
Campus offered: GP Semester offered: 1

▲ ITN566 INTRODUCTION TO CRYPTOLOGY
This unit provides students with a background in the fundamental concepts of cryptography, both in the areas of crytography and cryptoanalysis. Topics include: classical, modern and public key ciphers; practical cryptography.

Courses: IT35/IT40, IT38/IT45
Prerequisites: ITN525
Credit points: 12 Contact hours: 3 per week
Incompatible with: ITB566
Campus offered: GP Semester offered: 1, 2

▲ ITN567 ACCESS CONTROL
This unit provides a practical control in terms of managing users access to systems and files; study of smart cards and the use of smart cards in access control systems; investigates the issues of shared systems and of user authentication for evaluating systems; studies the role of access control in networks, biometric systems and the legalities of access control.

Courses: IT30, IT35/IT40, IT38/IT45
Prerequisites: ITN35/IT45: ITN510, ITN511, ITN515
Corequisites: Nil
Credit points: 12 Contact hours: 3 per week
Campus offered: GP Semester offered: 1

▲ ITN568 WIRELESS NETWORKS
Wireless communications is rapidly becoming a more and more important part of everyday life. This unit aims to give the students the skills to be able to design and manage different types of wireless communication systems. Technologies to be covered include GSM, CDMA, Bluetooth, IEEE 802.11, WAP and Third Generation wireless networks. A demonstrative and experimental approach will be taken to assist with developing the student's understanding. Students will also learn through undertaking small projects in the laboratory.

Courses: IT35/IT40
Prerequisites: ITN527
Credit points: 12 Contact hours: 3 per week
Incompatible with: ITB568
Campus offered: GP Semester offered: 2

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UNIT SYNOPTES

ITN569 NETWORK SECURITY FOR E-COMMERCE
Networking systems are required for all inter-networked information systems. This advanced unit builds upon prior knowledge in data security and develops your practical knowledge of E-Commerce security. The course focuses on providing insight and knowledge at every level of the current network models and architectures are investigated. From this, the development of policies and procedures will be formed, which will provide the structure for the implementation of secure E-commerce systems.

Courses: IT338/IT45, IT35/IT40
Prerequisites: ITN525
Credit points: 12
Contact hours: 3 per week
Semester offered: 2
Incompatible with: ITN569

ITN578 MINOR PROJECT 1 (DC)
Students may pursue a specialised area of data communication. Topic is decided by agreement between the student and a supervising staff member.

Courses: IT35/IT40, IT35/IT45
Prerequisites: Completion of at least 36 credit points of units in the Graduate Diploma/Masters course.
Credit points: 12
Contact hours: 1 per week
Semester offered: 1, 2, 3
Incompatible with: ITN579

ITN579 MINOR PROJECT 2 (DC)
Students may pursue a specialised area of data communication. Topic is decided by agreement between the student and a supervising staff member.

Courses: IT35/IT40
Prerequisites: Completion of at least 36 credit points of units in the Graduate Diploma/Masters course.
Credit points: 12
Contact hours: 3 per week
Semester offered: 1, 2, 3
Incompatible with: ITN580

ITN581 CRYPTOGRAPHIC FUNDAMENTALS AND APPLICATIONS
This unit will cover the key areas of cryptography. Cryptography is the basis of almost all security systems. Knowledge of cryptography is essential to fully understand the problems and solutions related to security systems. Students will learn about the design and cryptanalysis of classical ciphers; mathematics related to cryptography and about modern symmetric and asymmetric ciphers. Students will be able to use and apply cryptography and to perform research and offer advice in the area of cryptography.

Courses: IT34 (Off-shore offering)
Prerequisites: Nil
Credit points: 12
Contact hours: Flexible
Semester offered: 2
Incompatible with: ITN582

ITN582 INFORMATION SECURITY

Students will learn about the organisational requirement for information security and about management attitudes to information security. The unit also addresses the application and implementation of information security management standards will also be covered. Other areas include the role and application of risk management and business continuity planning for information processing.

Courses: IT50, IT92
Prerequisites: Nil
Credit points: 12
Contact hours: Flexible
Semester offered: 1
Incompatible with: ITN583

ITN583 NETWORK, INTERNETWORK & DISTRIBUTED SYSTEMS SECURITY
This unit covers the legal, social and business imperatives for network security and the fundamentals of network security services and mechanisms. Underlying technologies, including cryptographic sub-systems, for network security mechanisms, and trusted systems technologies in a distributed environment will also be studied. Students will also be able to relate network security to distributed applications and to distributed information systems environments. Students will also identify key aspects of security requirements and specifications. It is concerned with the activities of the information technology professional.

Courses: IT50, IT92
Prerequisites: INTS581 or equivalent
Credit points: 12
Contact hours: Flexible
Semester offered: 2
Incompatible with: ITN584

ITN584 ACCESS CONTROL AND SMART CARDS
In this unit, students learn about the principles and specifics of access control systems. Also covered in this unit are the important area of smart cards and smart card systems. Students will learn about user identification and authentication issues and the exam ine models of various authentication systems. Various protocols used for authentication will also be studied.

Courses: IT50, IT92
Prerequisites: Nil
Credit points: 12
Contact hours: Flexible
Semester offered: 1
Incompatible with: ITN590

ITN590 INDUSTRY BASED PROJECT (INFORMATION SECURITY)
The unit requires the student to complete a substantial piece of work in the field of information security, and to communicate the results of that work to an interested and technically literate audience.

The topic of the project and the scope of the work to be attempted are to be agreed upon by the student and both the academic and industrial supervisor prior to enrolment in this project.

Courses: IT92, IT95
Prerequisites: satisfactory completion of at least 24 credit points of Information Security units.
Credit points: 12
Contact hours: Flexible
Semester offered: 1, 2, 3
Incompatible with: ITN578

ITZ211 SYSTEMS ANALYSIS & DESIGN

Courses: IT34 (Off-shore offering)
Prerequisites: Nil
Credit points: 12
Contact hours: 3 per week
Semester offered: 1, 2, 3
Incompatible with: ITB222, ITN211, ITB321

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 formally be 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 system theory and practice.

Courses: IT34 (Off-shore Offering)
Prerequisites: Nil
Credit points: 12
Contact hours: 3 per week
Incompatible with: ITN212, ITN213

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, and 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
Credit points: 12
Contact hours: 3 per week
Incompatible with: JSB101, JSB011
Campus offered: KG
Semester offered: 1
Incompatible with: JSB132

JSB132 PROFESSIONAL SKILLS
The effectiveness of justice professionals is measured by their ability to communicate and investigate, and it is these two skills that form the basis for much of the day to day work performed by justice studies 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
Credit points: 12
Contact hours: 3 per week
Incompatible with: JSB101, JSB011
Campus offered: KG
Semester offered: 1
Incompatible with: JSB133

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 criminal justice 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
Credit points: 12
Contact hours: 3 per week
Incompatible with: JSB101, JSB011
Campus offered: KG
Semester offered: 1
Incompatible with: JSB134

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
Credit points: 12
Contact hours: 3 per week
Campus offered: KG
Semester offered: 1
Incompatible with: JSB135

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 formal justice and criminal justice, as well as examining not only the concepts of human rights, equality, social justice and citizenship, but also 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
Credit points: 12
Contact hours: 3 per week

Incompatible with: JSB202, JSB015
Campus offered: KG Semester offered: 2

► JSB136 FORENSIC PSYCHOLOGY AND THE LAW
Forensic Psychology is readily acknowledged as one of the fastest growing areas of psychology in the world. Forensic psychology concerns itself with the behaviour of people involved in the justice system, in particular, the criminal justice 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 we need to develop a broad introductory appreciation and critical perspective on what forensic psychology involves and has to offer in relation to the practice and range of practitioners within the legal justice system.

Courses: JS31, LS42, L41
Credit points: 12 Contact hours: 3 per week
Campus offered: KG Semester offered: 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 disciplines and equip you with the necessary understandings to enter employment in the Justice System. The unit will also provide you with the background 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 understandings of the relationship between law and society, as well as developing problem-solving skills appropriate to a legal and justice context.

Courses: JS31
Credit points: 12 Contact hours: 3 per week
Incompatible with: JSB216, JSB017
Campus offered: KG Semester offered: 2

► JSB138 CRIMES OF VIOLENCE
Justice students work, or hope to work as justice professionals in areas related to the criminal justice system or human rights. They 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 such as crimes will play a focal role in their work.

Courses: JS31, LW41, LW42
Credit points: 12 Contact hours: 3 per week
Incompatible with: JSB201, JSB022
Campus public administration: 1

► JSB231 UNDERSTANDING CRIMINOLOGY
This unit deals with formal criminological theories and control. Participation in this unit 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. Knowledge derived from this unit is applicable to a critical understanding of all professional and popular theories of crime.

Courses: JS31, LW41, LW42
Credit points: 12 Contact hours: 3 per week
Incompatible with: JSB107, JSB018
Campus offered: KG Semester offered: 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 about the administration and management of youth crime through formal systems designed to prevent and reduce unlawful acts. Particular attention is drawn to the historical development of youth justice in Australia and to the changing nature of youth crime control across jurisdictions. Contemporary articulations of the youth crime problem 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. Theoretically, the unit takes as its starting point a genealogical analysis that focuses on youth criminal knowledge, power, regulation and discipline. These are discussed in relation to the contemporary government of young people in Australia and other ‘western’ countries.

Courses: JS31, LW41, LW42
Credit points: 12 Contact hours: 3 per week
Incompatible with: JSB080
Campus offered: KG Semester offered: 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 Corrections administration are fine defaulters or petty offenders (and have committed only minor offences), it remains the case that a significant majority of those under 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 executive sanctions if we are to understand current community corrections systems.

Courses: JS31, LW41, LW42
Credit points: 12 Contact hours: 3 per week
Incompatible with: JSB317, JSB073
Campus offered: KG Semester offered: 2

► JSB241 INVESTIGATION & INVESTIGATIONS AND POLICING
As a consequence of the changing nature of society and the criminal justice system various investigative 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 an understanding of the machinery of this process also. This is also considered important that students are aware of and understand the investigative process, including preserving evidence and including the modern democratic state, the relationship between the State, the police and justice administration, and the concepts of ‘enforcement-service’.

Courses: JS31, LW42, LW41
Credit points: 12 Contact hours: 3 per week
Incompatible with: JSB081
Campus offered: KG Semester offered: 1

► JSB242 CRIMINAL LAW IN CONTEXT
Justice students work, or hope to work as justice professionals in areas related to the criminal justice system or human rights. They 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 such as crimes will play a focal role in their work.

Courses: JS31, LW41, LW42
Credit points: 12 Contact hours: 3 per week
Incompatible with: JSB211, JSB018
Campus offered: KG Semester offered: 1

► JSB243 INTELLIGENCE LED INVESTIGATIONS
Intelligence Led Investigations is the final unit for the Majors in Intelligence and Policing. 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 command, the provision of intelligence to the community. Intelligence offers an advantage through the provision of accurate and timely advice. Intelligence requires proficiency in both strategic and skills, interpersonal effectiveness skills, teamwork and application of intelligence process and decisions in a variety of cultural contexts.

Courses: JS31, LW41, LW42
Credit points: 12 Contact hours: 3 per week
Incompatible with: JSB211, JSB061
Campus offered: KG Semester offered: 2

► JSB251 POLICY, GOVERNANCE AND JUSTICE
Many important public policies concern issues of law and order or 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
Credit points: 12 Contact hours: 3 per week
Incompatible with: JSB080
Campus offered: KG Semester offered: 1

► JSB252 CITIZENSHIP AND JUSTICE
Society demands certain responsibilities from people once they become adults. Legal rights and responsibilities have been set between the state and 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: ED50, JS31, LW41, LW42
Credit points: 12 Contact hours: 3 per week
Incompatible with: JS306, JSB062
Campus offered: KG Semester offered: 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, to often perform an oversight role on public institutions. As such, as justice professionals need to know the range of agencies with such watchdog role, 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. Citizens and justice professionals need to understand the proper use of these powers by organs of the State, as well their role, power and responsibilities in terms of public accountability. A critical perspective allows examination of whether watchdogs are toothless tigers or determined dingsoes. Necessary understanding for anyone concerned with accountable public administration.

Courses: JS31, LW41, LW42
Credit points: 12 Contact hours: 3 per week
Campus offered: KG Semester offered: 2

► JSB331 PRISONS AS INDUSTRY
The Western penal system has two hundred year history. That history follows no Darwinian pattern of evolutionary logic. Instead, it fits and stilts each lurches forward seemingly often at the individual whim of powerful bureaucrats rather than in response to any dominant public discourse of the time.

Courses: JS31, LW41, LW42
Credit points: 12 Contact hours: 3 per week
Incompatible with: JSB216, JSB017
Campus offered: KG Semester offered: 2

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dictate the future of our prisons? This unit sets out to examine the future of punitive incarceration.

Courses: JS31, LW41, LW42
Credit points: 12 Contact hours: 3 per week
Incompatible with: JSB301, JSB051
Campus offered: KG Semester offered: 1
► JSB332 CRIME CONTROL AND GOVERNANCE
This unit explores how 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 the purposes and operation of systems of crime control as a part and parcel of a governmental approach to the attempted management of ‘problem populations’. The key questions to be addressed in this unit are: How can we understand the current nature and extent of crime control in a country like Australia? How might a genealogical perspective assist us in developing such an understanding? How and why are cultures of crime control changing? What are the major present-day rationalities of punishment? What are the prospects for crime and punishment in the twenty-first century? How might ‘globalization’ impact on developments?

Courses: JS31, LW41, LW42
Credit points: 12 Contact hours: 3 per week
Incompatible with: JSB301, JSB051
Campus offered: KG Semester offered: 2
► JSB333 RESPONDING TO CRIME

Current directions in research on the ‘crime problem’, based in developmental and cognitive psychology, law and the web of international, national and localisation 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 if 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
Credit points: 12 Contact hours: 3 per week
Incompatible with: JSB044
Campus offered: KG Semester offered: 2
► JSB341 INVESTIGATIONS, EVIDENCE AND POLICE POWERS

Students embarking upon careers in the criminal justice system in general and the criminal justice system in particular, require a sophisticated level of understanding of the law enforcement agencies to its suppression. It is understood from a variety of perspectives. It is evident that serving police and others seeking entry into such organisations have some understanding of the issues that impact on organisational cultures and attitudes as it relates to justice organisations.

Courses: JS40
Credit points: 12 Contact hours: 3 per fortnight
Campus offered: KG Semester offered: 2
► JSB411 THEORIES OF JUSTICE 1

Arguments concerning perceived problems of justice and injustice usually revolve conflict over justice, thus justice is both theoretical, and in practice. Students who are to graduate with honours In a Bachelor of Justice Honours course, should be aware of the fundamental theories of justice in a social and criminal context if they are to effectively apply in practice the knowledge they have acquired in the criminology unit.

Courses: JS40
Credit points: 12 Contact hours: Regular meetings with supervision
Incompatible with: JSN001
Campus offered: KG Semester offered: 1
► JSB412 LITERATURE REVIEW

Emphasis as a research project within government departments and justice agencies and the successful undertaking of higher degree study require an ability to independently design and execute a major research project. A research thesis is the major component of the Honours year and is often the first time that students have been required to research independently. 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. This unit will provide students with an opportunity to become thoroughly familiar with the bibliography of specialist research relevant to their nominated field of research and to appreciate the significance of literature reviews to larger research projects.

Credit points: 12 Contact hours: 3 per week
Campus offered: KG Semester offered: 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 multimedia 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.

Credit points: 12Contact hours: 3 per fortnight
Campus offered: KG Semester offered: 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 in the fields of study.

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 Re-
view, this unit provides the first semester preparation for the honours dissertation.

Courses: JSB404
Credit points: 12
Contact hours: Regular meetings with supervisor

Incompatible with: JSB404

Campus offered: KG
Semester offered: 1

► 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
Contact hours: Regular meetings with supervisor

Incompatible with: JSB406

Campus offered: KG
Semester offered: 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
Contact hours: Regular meetings with supervisor

Incompatible with: JSB407

Campus offered: KG
Semester offered: 1

► 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
Contact hours: Regular meetings with supervisor

Incompatible with: JSB408

Campus offered: KG
Semester offered: 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
Credit points: 12
Contact hours: 3 per week
Incompatible with: JSB312, JSB092

Campus offered: KG
Semester offered: 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. You will also develop an understanding of the adjudication of law within the justice 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
Credit points: 12
Contact hours: 3 per week
Incompatible with: JSB032

Campus offered: KG
Semester offered: 1

► JSB933 CRIME RESEARCH METHODS

It is essential that students undertaking research projects both professionally and academically, have a solid knowledge of Australian 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 of research design and methodology for use in the fields of criminal justice, justice administration and criminology.

Courses: JS31, LW41, LW42
Credit points: 12
Contact hours: 3 per week
Incompatible with: JSB043

Campus offered: KG
Semester offered: 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
Corequisites: 240 credit points and minimum GPA of 5
Credit points: 12
Campus offered: KG
Semester offered: 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 the law 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. Such promises follow us through life, not only in work, but also as consumers and increasingly even in our family relationships. Hence an understanding of contract in a broad sense, encompassing quasi-contracts and more recently trade practices law, will guide us in our business and family dealings. This unit provides the foundation for an understanding of this crucial area of law and legal obligations.

Courses: ED50, JS31
Credit points: 12
Contact hours: 3 per week
Incompatible with: JSB002, JSB086

Campus offered: KG
Semester offered: 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: ED50, JS31
Credit points: 12
Contact hours: 3 per week
Incompatible with: JSB003, JSB087

Campus offered: KG
Semester offered: 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 explores in-depth the legal and practical link between, science, social justice and the legal system while outlining the various rules of evidence in Australian courts. Professionals involved in science, law and the 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: SC01, LW42, LW41
Credit points: 12
Contact hours: 3 per week
Campus offered: GP
Semester offered: 2

► JSN001 THEORIES OF JUSTICE 1

This unit is concerned with the assumptions that underpin arguments about what is just or unjust within various spheres of concern. This 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 focusses on the relationships between justice, postmodernism and the law.

Courses: JS51, LW51
Credit points: 12
Contact hours: 2 per week
Campus offered: GP
Semester offered: 1

► JSN002 THEORETICAL CRIMINOLOGY

Examines the development of criminological theory through the prism of governmentalFooter.
Campus offered: ► continue the process of refining and developing extend further aspects of their coursework or Study 1 and offers students the opportunity to Courses: extend the content of their coursework and, the media’s right to disclose intelligence and security actions and operations; human rights issues, perspectives of public and private morality, and, their interest to disclose intelligence and security matters.

Courses: JS51, LW51 Credit points: 12 Contact hours: 2 per week

Campus offered: KG Semester offered: 2 ► JSN012 LAW MORALITY AND THE MEDIA

This unit focuses on intelligence activities rela- tive to the rights of individuals, their ‘need to know’ and their ‘right to know’. It examines rela- tionships and responsibilities of intelligence professionals and others. Current initiatives to humanize and manipulate the human genome is made possible by recent technologi- cal breakthroughs in science. The science of genetics is not new, but its public profile has moved its content to the center. The need to develop genetic knowledge and technology have been described as an interna- tional voyage of scientific discovery. The scien- tific findings are prompting major rethinking of concepts of law and justice. The legal commu- nity faces a perpetual challenge in keeping pace with the revolution in genetics. This unit looks at some legal implications of this revolution and charts the major responses of our legal system to modern genetics and biotechnology. The ration- ale for this unit is that it is clear that lawyers of the next century will feel the impact of genetics across the broad sweep of their practice, in areas including criminal justice, human rights and intel- lectual property. Correspondingly, scientists of the next century will feel the impact of the law across their discoveries. All justice related professionals will benefit from advanced knowl- edge of the increasingly complex dimensions to the interaction between law and the modern gen- etics genie.

Courses: JS51, LW51 Credit points: 12 Contact hours: 2 per week

Campus offered: KG Semester offered: 1 ► JSN014 LAW, JUSTICE AND NEW GENETIC TECHNOLOGIES

Credit points: 12 Contact hours: 2 per week

Campus offered: KG Semester offered: 2

► JSN020 RESEARCH PROJECT 1

This unit is to be undertaken in conjunction with JSB021. It will enable selected students, through appropriate selection criteria, to focus on par- ticular topics of specific personal and/or profes- sional interest in order to complete their Masters degree. Students will be required to complete a substantial report under individual supervision.

Courses: JS51 Credit points: 24 Campus offered: KG Semester offered: 1

► JSN021 RESEARCH PROJECT 2

This unit is to be undertaken in conjunction with JSN020. It will enable selected students, through appropriate selection criteria, to focus on par- ticular topics of specific personal and/profes- sional interest in order to complete their Masters degree. Students will be required to complete a substantial report under individual supervision.

Credit points: 24 Campus offered: KG Semester offered: 2

► JSP056 POLICING FOR THE 21ST CENTURY

The world has been termed ‘a global village’ and as such policing can no longer be insular in its view. Policing must look internationally, nation- ally and locally in addressing the issues that arise and are continually changing within our diverse and complex society. The focus of this unit is on the analysis and application of ‘best practice’ approaches and principles in a global context for executive policing in the 21st century.

Courses: JSP056
Credit points: 12 Contact hours: Intensive
Campus offered: KG Semester offered: 2

► JSP057 STRATEGIC LEADERSHIP FOR EXECUTIVE POLICING

This unit examines ‘leadership’ and its strategic use as the single most important function for an executive officer in guiding a police organisation through its mission and vision to effective poli- cies and performance.

Courses: JS52
Credit points: 12 Contact hours: Intensive
Campus offered: KG Semester offered: 2

► JSP058 ORGANISATIONAL PRACTICES FOR EXECUTIVE POLICING

The emphasis of this unit is on the effective for- mulation, implementation, management and evaluation of operational procedures and policies within a police service.

Courses: JS25
Credit points: 12 Contact hours: Intensive
Campus offered: KG Semester offered: 2

► JSP059 COMMAND MANAGEMENT FOR THE POLICE EXECUTIVE

This unit deals specifically with an executive of- ficer’s responsibilities to exercise effective man- age ment over the management of major events and crime operations.

Courses: JS25
Credit points: 12 Contact hours: Intensive
Campus offered: KG Semester offered: 2

► JSP061 PROCESS THEORY AND APPLICATION

Studies take a generic approach to intelligence while examples are predominantly crime-related. This unit addresses: the principle of intelligence (the essentials of any intelligence system), the intelligence research process (cycle); the inter- dependent model of intelligence and security; thinking and problem solving; personal characteris- tics of the professional; interpersonal effectiveness skills and culture; and analytical style and preference.

Courses: JS25, JS41
Credit points: 12 Contact hours: 3 per week

Campus offered: KG Semester offered: 1, SP

► JSP062 PROTECTIVE SECURITY - THEORY & APPLICATION

Protective Security covers all facets of society. It is often viewed in a narrow context. This unit expands the conventional protective security model and illustrates its relevance and professional applica- tion to society as a whole. The conventional functional and security security are addressed as well as the recognition of new areas where confiden- tiality and integrity are important. The subject concentrates on the theories, principles and their practical applications in the context of major areas of personnel, material and infrastructure.

Courses: JS41, JS25
Credit points: 12 Contact hours: 3 per week

Campus offered: KG Semester offered: 1

► JSP063 INTELLIGENCE RESEARCH - ISSUES, PROCEDURES & PRACTICE

Integrates the work from JSP061 with research methodologies. An emphasis is placed on sys- tematic enquiry, naturalistic research and qualitative approaches addressing goal selection, types of sample, methods of collection, methods in processing and the production of research.

Courses: JS41, JS25
Credit points: 12 Contact hours: 3 per week

Campus offered: KG Semester offered: 2, 3

► JSP064 PROTECTIVE SECURITY ISSUES & PRACTICE

Personnel, material, physical and information security are important issues with protective security. This unit covers the methods and techniques for the collection of information and its man- agement and also includes the conduct of forensics audits and complete written reports on their find- ings. Planning and controlling the flow of infor- mation.

Courses: JS25, JS41
Credit points: 12 Contact hours: 3 per week

Campus offered: KG Semester offered: 2

► JSP066 MANAGEMENT OF PROTECTIVE SECURITY

The security function and its performance are considered under a series of topics: Policy and controls over security; threat assessments; physi- cal/material security; Information security; per- sonnel security; command and control; tactics; industrial espionage; and conducting a security operation.

Courses: JS25, JS41
Credit points: 12 Contact hours: 3 per week

Campus offered: KG Semester offered: 2

► JSP067 INTELLIGENCE, ORGANISATIONS, PERSONNEL & OPERATIONS

Concerned with the management of intelligence and security personnel and operations. It recogn- izes the need for managers to be attuned to the context and environment in which they are oper- ating. The unit examines organisational struc- tures, personnel and operational procedures. It acknowledges the importance of people, and examines the spe- cific needs of personnel systems in the intelli- gence and security business. Ethical and legal considerations, and the requirement for strict ac- countability, are emphasised throughout.

Courses: JS25, JS41
Credit points: 12 Contact hours: 3 per week

Campus offered: KG Semester offered: 1

► KCB140 MEDIA & SOCIETY: FROM PRINTING PRESS TO INTERNET

Institutions in media and communications technologies have been deeply implicated in the evol- ution of human society from ancient times to the present. This unit explores the enabling capacities of media and communications technologies, and other aspects of media power from a variety of perspectives, in the development of the modern state, consumer culture and the global in- formation economy.

Courses: Creative Industries Open elective
Credit points: 12 Contact hours: 3 per week

Incompatible with: MBJ140

Campus offered: GP Semester offered: 1

► KCB150 MEDIA AND COMMUNICATIONS INDUSTRIES

This unit provides an introduction to media and communications industries, with particular refer- ence to the Australian media and communica- tions industries and associated media and com- munications industries. The unit will examine aspects of telecommunications, broadcasting, magazines and publishing, popular music, the Internet and games industries, from social, industrial and cultural perspectives. You will be involved in discussion of current issues and media features.

Credit points: 12 Contact hours: 3 per week

Incompatible with: MBJ150

Campus offered: GP Semester offered: 2002

► KCB204 GLOBALISATION & NEW MEDIA

An introduction to the study of mass media and cultural production, with particular emphasis on Australian media industries, including television, radio, the press, film, public broadcasting, commu- nity media and multimedia. The unit consid-
ers these industries from social, historical and industrial perspectives, examines the development of regulation of rule and policy, and explores a range of contemporary and future issues.

Credit points: 12
Contact hours: 3 per week
Semester offered: 1

► KCB213 STRATEGIC SPEECH COMMUNICATION

Based in rhetorical and group communication theory and informed by a knowledge of semiotics, this unit involves a series of projects that both create and interpret social meaning. Through these it introduces students to a fuller understanding of the verbal and nonverbal language of communication. Theory and practice are interrelated to develop understanding and self-reflexivity within students concerning their own communication skills. This approach has the intention of guiding them to become effective persuaders, opinion leaders, and facilitators of both creative problem-solving and conflict management in groups within the workplace.

Courses: BSB50, BSB56, IF26, IF28, IF30, IF41, IF47, IF48, IF62
Prerequisites: BSB117, or 48 credit points of approved prior study for non-Bachelor of Business students. Topics relating to organisational communication in a variety of workplace contexts. Topics include theories of language and communication, structuring and de- posing arguments, managing and mentoring, and understanding the dynamics of power and conflict management in groups within the workplace. Current understanding of the verbal and nonverbal language of communication. This approach has the intention of guiding them to become effective persuaders, opinion leaders, and facilitators of both creative problem-solving and conflict management in groups within the workplace.

Credit points: 12
Incompatible with: COB134, MJ180, KCB213
Campus offered: GP
Semester offered: 1

► KCB295 VIRTUAL CULTURES

This unit provides both a critical and conceptual introduction to the issues arising from the emergence of on-line communications, or ‘virtual communities’, and a practical introduction to the skills and competencies required for the development and maintenance of successful virtual communities. It would consider issues arising from the development of on-line communications from the perspectives of corporate cultures, public service and cultural subcultures, the Internet as a tool for public service, and questions of community, identity and social inequality in Internet culture. It would also discuss group discussion moderating, ‘flaming’ and conflict management, and ethical and privacy issues on the Web.

Courses: Open elective
Credit points: 96 credit points of undergraduate study or enrolment in MJ30, MJ31, or MJ32
Contact hours: 3 per week
Incompatible with: KCB295
Campus offered: GP
Semester offered: 1

► KCB311 COMMUNICATION IN PRACTICE: PERSPECTIVE PERSONAL PRESENTATION

Explores interpersonal and presentational communication skills and how these interact with, and influence, attitudes and behaviours within organisations. It also looks at the concept and realities of power in organisational life. Theoretical bases of rhetoric, semiotics, and interpersonal communication will be foregrounded as they contribute to an understanding of strategic communication in a variety of workplace contexts. Theory and practice of different genres of spoken communication will be examined to develop understanding and self-reflexivity within students concerning their own communication skills. This approach has the intention of guiding them to become effective persuaders, opinion leaders, and facilitators of both creative problem-solving and conflict management in groups within the workplace. Current understanding of the verbal and nonverbal language of communication. This approach has the intention of guiding them to become effective persuaders, opinion leaders, and facilitators of both creative problem-solving and conflict management in groups within the workplace.

Credit points: 12
Incompatible with: KCB310, KCB335
Campus offered: GP
Semester offered: 1

► KCB336 NEW MEDIA TECHNOLOGIES

This course explores 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: IF26, IF35, MJ20, KC32, IF10, IF09
Credit points: 12
Incompatible with: COB310, COB335
Campus offered: GP
Semester offered: 2

► KCB348 APPLIED MEDIA STUDIES

This unit provides a framework 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: MJ29, KC32
Prerequisites: MJ349 or KCB349. Available to MES majors only.
Credit points: 12
Contact hours: 3 per week
Incompatible with: KCB348
Campus offered: GP
Semester offered: 2

► KCB349 MEDIA AUDIENCES

A knowledge of and ability to research audiences is essential in all media industries. This unit comprises an intensive 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: MJ20, KC32, IF10, IF35
Prerequisites: 96 credit points of undergraduate study. Available to MES majors only.
Credit points: 12
Contact hours: 3 per week
Incompatible with: MJ349
Campus offered: GP
Semester offered: 1

► KCB350 GLOBAL MEDIA CULTURES

Global Media Cultures explores the creation, distribution and impact on local and global identities of new international cultural phenomena. Students will both examine issues of globalisation, transnationalism and cultural imperialism, and use global media audiences in order to conduct research and complete assessment items. This unit is taught collaboratively with Massachusetts Institute of Technology. Students will engage in a range of learning experiences including video conferences, chatrooms and web-based instruction, as well as traditional lectures and tutorials. Students from both institutions will work collaboratively to produce group projects investigating a particular global media phenomenon or issue.

Courses: MJ40, MJ31
Prerequisites: 144 credit points of undergraduate Creative Industries study plus GPA >5.0
Credit points: 12
Contact hours: 3 per week
Incompatible with: MJ351
Campus offered: GP
Semester offered: 1

► KCB351 MEDIA & COMMUNICATIONS INDUSTRY PLACEMENT 1

This unit provides students with 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 or in order to develop a small-scale project over the course of a term or semester, or in separate semesters or concurrently) to develop a larger scale project(s) over the course of one or more semesters.

Courses: IF09
Prerequisites: 144 credit points of undergraduate Creative Industries study
Credit points: 12
Contact hours: 3 per week
Campus offered: GP
Semester offered: 1

► KCB352 MEDIA & COMMUNICATIONS INDUSTRY PLACEMENT 2

This unit provides students with 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 or in order to develop a small-scale project over the course of a term or semester, or in separate semesters or concurrently) to develop a larger scale project(s) over the course of one or more semesters.

Courses: IF09
Prerequisites: 144 credit points of undergraduate Creative Industries study
Credit points: 12
Contact hours: 3 per week
Campus offered: GP
Semester offered: 2

► KCB404 COMMUNICATION PRACTICE FOR PROFESSIONALS

Covers key theoretical and practical applications of presentation and writing skills in the workplace. Topics include theories of language and communication, structuring and designing for an audience, analysis of documents and speech presentations, managing and mentoring the writing and presentation processes, and design and preparation for staff training and consulting in these roles.

Courses: BS39, BS72, BS88
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with COB213, COB317
Campus offered: GP
Semester offered: 1

► KCB404 COMMUNICATION PRACTICE FOR PROFESSIONALS

Covers key theoretical and practical applications of presentation and writing skills in the workplace. Topics include theories of language and communication, structuring and designing for an audience, analysis of documents and speech presentations, managing and mentoring the writing and presentation processes, and design and preparation for staff training and consulting in these roles.

Courses: BS39, BS72, BS88
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with COB213, COB317
Campus offered: GP
Semester offered: 1

► KCN410 INTERPERSONAL COMMUNICATION & NEGOTIATION

Explores the theory and practical application of interpersonal communication and negotiation. It focuses on the role of interpersonal and group skills in the development of effective leaders and managers. Current understandings of the dynamics of power and participation in communication processes in organisations will be used to contextualise the experiences of the individual and the group. Analysis of the possibilities of, and the con-
Prerequisites:

Courses:

KP354 CREATIVE INDUSTRIES IN ASIA

This unit provides an overview of the creative industries as a major element of the global economy. It critically analyses issues such as the rise of a knowledge-based economy, technology and the network of cultural industries, markets, services industries, creative cities, globalisation, critical thinking and consumption, intellectual property issues, social entrepreneurship and so- cial capital.

Incompatible with:

Credit points: 12

Semester offered: 2

Unit Synopses

Creative Industries Core Unit

Campus offered: 3 per week

Incompatible with: MJPI10

Credit points: 12

Semester offered: 1

KCP110 MEDIA THEORY AND POLICY

This unit provides an overview of the social, cultural, economic and political implica- tions of new media technologies, such as the Internet and Wide Web, broadband cable and satellite technologies. This unit considers the historical development of technologies; different understandings of digital culture; the impact of new media on 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.

Credit points: 12

Semester offered: 1

KCP356 CREATIVE INDUSTRIES RESEARCH SEMINAR

The capacity to undertake research utilising a range of methodologies is a central skill for ad- vocacy, policy analysis, and industry develop- ment in the creative industries. This unit provides you with research skills that are closely targeted to the requirements of contemporary creative industries, but are also able to be used in a range of research contexts, including further academic work.

Credit points: 12

Semester offered: 2

KCP358 CREATIVE INDUSTRIES IN ASIA

This unit provides an overview of creative industries in Asia. Recognising the diversity of the Asian region, it tracks the emergence of cultural policy in the period of decoloni- sation and the challenges facing Asian industries, as well as Australian media and creative industries in Asia.

Incompatible with:

Credit points: 12

Semester offered: 2

KDB059 GENDER ISSUES IN THE CREATIVE & PERFORMANCE INDUSTRIES

This unit introduces students to the ways in which the arts contribute to, or challenge, con- cepts of femininity and masculinity in Western European and indigenous cultures. It includes an overview of various strands of feminist thought, discussion of key issues in the sex/gender de- bate, analysis of the representation of gender in both historical and contemporary examples of dance, drama, music and visual arts.

Courses: Open Elective

Incompatible with:

Credit points: 12

Semester offered: 1

KDB065 DANCE & THEATRE OF ASIA

Further development of the analysis of dance through a concentration on the dance as text; a study of various historical contexts of dance as art. Focus on modern dance.

Credit points: 12

Semester offered: 2

KDB114 AUSTRALIAN DANCE

A study of the ritual, artistic and social functions of dance in contemporary Australian society.

Credit points: 12

Semester offered: 2

KDB117 DANCE IN EDUCATION

A practical introduction to philosophies and practices in dance education. The areas of choreo- graphy, performance and appreciation will be explored as students develop basic teaching and reflective practice skills. Appropriate for stu- dents planning to teach dance in the primary, secondary, community or studio context.

Credit points: 12

Semester offered: 3

KDB125 CONSTRUCTING DANCE IN HISTORY

Introduction to the analysis of dance through a concentration on the dance as text; a study of various historical contexts of dance as art. Focus on didactic.

Credit points: 12

Semester offered: 2

KDB158 DANCE & TECHNOLOGY

Modes of choreographic communication: discus- sion of aesthetic questions; emerging trends have emerged out of the last major choreographic movements; an exploration of possible future directions for Aus- tralian dance. Technological applications in dance creation.

Credit points: 12

Semester offered: 2

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UNIT SYNOPSIS

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 planning and teaching/learning strategies relevant to dance education.

Courses: KD25, KD06
Incompatible with: AAB199, KD06
Campus offered: KG Semester offered: 1

KDB192 STAGECRAFT & COSTUME FOR DANCE

Provides opportunities to investigate the princi- ples of design as they relate to the visual envi- ronment 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/running and budgeting.

Courses: KD05, KD06
Prerequisites: Nil Corequisites: Nil Credit points: 12 Contact hours: 3 per week Incompatible with: AAB199, KD06
Campus offered: KG Semester offered: 1

KDB193 DANCE PROJECT 1A

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 investi- gate current research relating to the teaching for performance. Issues such as psychology of performance and pacing of dance training will be addressed.

Courses: KD25, KD32
Prerequisites: Nil Corequisites: Nil Credit points: 12 Contact hours: 3 per week Incompatible with: AAB199
Campus offered: KG Semester offered: 3

KDB194 DANCE PROJECT 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 investi- gate current research relating to the teaching for performance. Issues such as psychology of performance and pacing of dance training will be addressed.

Courses: KD25, KD32
Prerequisites: Nil Corequisites: Nil Credit points: 12 Contact hours: 3 per week Incompatible with: AAB199
Campus offered: KG Semester offered: 3

KDB197 DANCE ANALYSIS AND DANCE HISTORIES

This unit examines aesthetic theory and analysis models that will assist students to respond and reflect upon dance. Students will apply this under- standing to the research and analysis of dances in context.

Courses: KD25, KD32
Credit points: 12 Contact hours: 3 per week Incompatible with: AAB199
Campus offered: KG Semester offered: 3

KDB199 SAFE DANCE PRACTICE

This unit focuses on knowledge and understand- ing of safe dance practices. Practical activities will focus on the implications of current research in safe dance teaching and learning. Reflects a holistic approach to training in dance by considering a diverse range of issues such as basic anatomy and physiology, developmental issues, injury prevention and management strategies, nutrition and lifestyle management.

Courses: KD35, KD36
Prerequisites: Nil Corequisites: Nil Credit points: 12 Contact hours: 3 per week Incompatible with: AAP180
Campus offered: KG Semester offered: 3

KDP180 DANCE TEACHING STUDIES 1

Examines theoretical 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
Contact hours: 1, 2

KDP185 DANCE ASSESSMENT & REPORTING

Relates current theoretical issues in assessment to the unique challenges that dance assessment provide. Students will explore a range of assess- ment procedures, methods and strategies to support quality and equity in dance assessment at all levels.

Courses: KD35, KD36
Credit points: 12 Contact hours: Nil Incompatible with: AAP189
Campus offered: KG, EXT Semester offered: 1

KDP190 PROFESSIONAL PRACTICE FOR DANCE TEACHERS

As small business owners, dance teachers re- quire a diverse range of skills to manage and operate their businesses. This unit will consider the implications of the Dance Industry Code of Eth- ics for teaching and learning in dance. This unit also includes practical and useful materials for the effective and efficient operations of a busi- ness in dance teaching by relating current small
business management practices to the specific organisational needs and requirements of dance businesses.

Courses: KD35, KD36

Prerequisites: Nil
Corequisites: Nil
Credit points: 12
Contact hours: Nil
Semester offered: 1

► KDP191 DANCE TEACHING METHODOLOGIES

Provides students with the opportunity to investigate and explore dance teaching issues relevant to their own teaching contexts. The unit materials will include strategies and models for planning and implementing dance lessons and curriculum, considering the diverse learning needs of dance students and managing the classroom as a complex social environment.

Courses: KD15, KD25

Credit points: 12
Contact hours: Nil
Incompatible with: AAP191
Campus offered: KG, EXT
Semester offered: 1, 2

► KDP192 STAGECRAFT & COSTUME FOR DANCE

Provides opportunities to investigate the principles of costume design as they relate to the visual environment of a dance performance/production. Considers principles and theoretical issues relevant to the design stage and video, stimulating innovative examples of visual designs for dance performance and practical information for the production/construction and budgeting for design.

Courses: KD35, KD36

Credit points: 12
Contact hours: Nil
Incompatible with: AAP192
Campus offered: KG, EXT
Semester offered: 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. A component of the course explores the creative and potential of movement through compositional tasks.

Courses: KD15, KD25, KD32

Prerequisites: Nil
Corequisites: Nil
Credit points: 12
Contact hours: 4.5 per week
Incompatible with: AAX104
Campus offered: KG
Semester offered: 1

► KDX111 PERFORMANCE 1

Designed unit. Study of repertoire pieces; duo work; rehearsal of individual aspects of the repertoire work; performance of all or part of selected repertoire; preparation for rehearsals and performance; critical evaluation during season and post-performance evaluation.

Courses: KD15, KD25

Credit points: 12
Contact hours: 6 per week
Incompatible with: AAX111
Campus offered: KG
Semester offered: 1

► KDX112 PERFORMANCE 2

Designed unit. Continuation of studies initiated in KDX111.

Courses: KD15, KD25

Prerequisites: KDX111
Credit points: 12
Contact hours: 6 per week
Incompatible with: AAX112
Campus offered: KG
Semester offered: 2

► KDX141 PERFORMANCE 3

Designed unit. Continuation of studies initiated in KDX112.

Courses: KD15, KD25

Prerequisites: KDX112
Credit points: 12
Contact hours: 6 per week
Incompatible with: AAX114
Campus offered: KG
Semester offered: 1

► KDX142 PERFORMANCE 4

Designed unit. Continuation of studies initiated in KDX114.

Courses: KD15, KD25

Prerequisites: KDX141

Courses: KDF5
Credit points: 24
Contact hours: 20 per week
Incompatible with: AAB405
Campus offered: KG
Semester offered: 1

► KFB406 DESIGN STUDIO 6

This course of six units is fundamental to the study of design principles and focus on the integration of design principles with the practical skills and understandings of pattern technology, garment design and construction.

Courses: IF25
Credit points: 6
Contact hours: 2 per week
Incompatible with: AAB407/22
Campus offered: KG
Semester offered: 2

► KFB407 1/2 TEXTILES

The aim of this unit is to initiate an understanding of each stage of the textile development process and the methods of evaluating textile performance.

Courses: IF25
Credit points: 6
Contact hours: 2 per week
Incompatible with: AAB407 1/2
Campus offered: KG
Semester offered: 1

► 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: IF25
Credit points: 12
Contact hours: 3 per week
Incompatible with: AAB401
Campus offered: KG
Semester offered: 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.

Courses: IF25
Credit points: 6
Contact hours: 2 per week
Incompatible with: AAB410 1/2
Campus offered: KG
Semester offered: 2

► KFB411 ADVANCED TEXTILES

This unit builds on the knowledge of the materials, skills and acquiring in KFB407 and is planned for the design student who wishes further studies in the field of textile development and/or embellishment.

Courses: IF25
Credit points: 12
Contact hours: 6 per week
Incompatible with: AAB411
Campus offered: KG
Semester offered: 1, 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: IF25
Credit points: 12
Contact hours: 2 per week
Incompatible with: AAB412
Campus offered: KG
Semester offered: 2

► KFB413 INTRODUCTION TO FASHION DESIGN

This unit will provide a basic interdisciplinary knowledge of the evolution of contemporary design movements and explore the relationship of fashion design to these design principles.
UNIT SYNOPSIS

**KFB414 CROSS MEDIA DESIGN APPLICATIONS**

This unit aims to develop the student who wishes to work collaboratively with students in other Creative Industries disciplines on a design project.

Credit points: 12
Course credits: 3 per week
Campus offered: KG
Semester offered: 1, 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.

Credit points: 12
Course credits: 3 per week
Campus offered: KG
Semester offered: 1, 2

**KIB805 PROFESSIONAL PRACTICE**

In this unit, a requirement to professional organisations, final year students gain insights into working in the life of the professional world. Exploration of current issues in the creative industries, and development of professional skills including portfolio development, networking strategies, industry practices and career management.

Credit points: 12
Course credits: 3 per week
Incompatible with: AAB415

**KIB806 DESIGN PROJECT**

A critique forum for individual final projects. Students are required to produce a final project for their degree. This unit also covers media and networking technologies.

Credit points: 12
Course credits: 3 per week
Incompatible with: AAB805

**KIB807 MEDIA TECHNOLOGY 1**

This unit covers contemporary technical and creative issues involved in the assembly and delivery of interactive digital media including computer animation, advanced software design and interactive visual applications of digital media.

Credit points: 12
Course credits: 3 per week
Incompatible with: AAB807

**KIB808 MEDIA TECHNOLOGY 2**

This unit introduces to authoring software and network programming, object orientated programming, and self motivated research skills. Students are required to produce a final project for their degree. This unit also covers media and networking technologies.

Credit points: 12
Course credits: 3 per week
Incompatible with: AAB808

**KIB809 INTERACTION DESIGN 1**

This unit introduces to authoring software and network programming, object orientated programming, and self motivated research skills. Students are required to produce a final project for their degree. This unit also covers media and networking technologies.

Credit points: 12
Course credits: 3 per week
Incompatible with: AAB809

**KIB810 INTERACTION DESIGN 2**

This unit is designed to encourage students to reflect upon and analyse current interactions between technology, design and society, and to provide tools to perform these activities effectively. Ethical implications will receive particular attention.

Credit points: 12
Course credits: 3 per week
Incompatible with: AAB810

**KIB811 VIRTUAL 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. We will investigate the relationship between language, image and technology whilst tracing the human experience with visuals from print to interactive environments. 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.

Credit points: 12
Course credits: 3 per week
Incompatible with: AAB811

**KIB812 PROJECT MANAGEMENT**

This unit provides an introduction to project management as a growing discipline/profession and how it relates to software development and new media production. Students are required to produce a final project for their degree. This unit also covers media and networking technologies.

Credit points: 12
Course credits: 3 per week
Incompatible with: AAB812

**KIB813 INTERPERSONAL ISSUES IN TECHNOLOGY DESIGN**

As inhabitants of cultures increasingly driven by technology, it is in all of our interests to be aware of processes and awareness of technological change. This unit is designed to encourage students to reflect upon and analyse current interactions between technology, design and society, and to provide tools to perform these activities effectively. Ethical implications will receive particular attention.

Credit points: 12
Course credits: 3 per week
Incompatible with: AAB813

**KIB814 DESIGN PROJECT**

A critique forum for individual final projects. Students are required to produce a final project for their degree. This unit also covers media and networking technologies.

Credit points: 12
Course credits: 3 per week
Incompatible with: AAB814

**KIB815 INTERACTION DESIGN 2**

This unit encourages students to reflect on traditional computer interface paradigms by building and exploring interactive devices. Using the underlying rational for human computer interaction this unit looks towards developing lateral approaches to the creative use of technology as well as self motivated research skills. Students build simple circuits and integrate them into a media production.

Credit points: 12
Course credits: 3 per week
Incompatible with: AAB815

**KIB816 INTERACTIVE WRITING**

This unit addresses on theoretical issues associated with non-linear 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.

Credit points: 12
Course credits: 3 per week
Incompatible with: AAB816

**KIB817 PROJECT MANAGEMENT**

This unit provides an introduction to project management as a growing discipline/profession and how it relates to software development and new media production. Students are required to produce a final project for their degree. This unit also covers media and networking technologies.

Credit points: 12
Course credits: 3 per week
Incompatible with: AAB817

**KIB818 INTERACTION DESIGN 2**

This unit encourages students to reflect on traditional computer interface paradigms by building and exploring interactive devices. Using the underlying rational for human computer interaction this unit looks towards developing lateral approaches to the creative use of technology as well as self motivated research skills. Students build simple circuits and integrate them into a media production.

Credit points: 12
Course credits: 3 per week
Incompatible with: AAB818

**KIB819 INTERACTIVE WRITING**

This unit addresses on theoretical issues associated with non-linear 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.

Credit points: 12
Course credits: 3 per week
Incompatible with: AAB819

**KIB820 3-D ANIMATION**

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. We will investigate the relationship between language, image and technology whilst tracing the human experience with visuals from print to interactive environments. 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.

Credit points: 12
Course credits: 3 per week
Incompatible with: AAB820

**KIB821 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. We will investigate the relationship between language, image and technology whilst tracing the human experience with visuals from print to interactive environments. 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.

Credit points: 12
Course credits: 3 per week
Incompatible with: AAB821

**KIB822 PROJECT MANAGEMENT**

This unit provides an introduction to project management as a growing discipline/profession and how it relates to software development and new media production. Students are required to produce a final project for their degree. This unit also covers media and networking technologies.

Credit points: 12
Course credits: 3 per week
Incompatible with: AAB822
Credit points: 12  Contact hours: 3 per week  Incompatible with: AAB817
Campus offered: KG  Semester offered: 1
► KIB819 ELECTRONIC PUBLISHING

This unit provides an introduction to the theories, concepts and methodologies that underpin electronic publishing, emphasising the conceptual and analytical skills required to develop successful "on line" ventures within the context of the industry.

Courses: Open Elective
Prerequisites: KKB818 or KIB807
Credit points: 12  Contact hours: 3 per week  Incompatible with: AAB815
Campus offered: KG  Semester offered: 1, 2
► KIB820 3-D ANIMATION 2

This unit addresses theory and practice in the area of advance three-dimensional computer graphics, including: concept development; character animation; advanced modelling animation and rendering techniques; and production techniques.

Courses: KI25, KI32
Prerequisites: KIB804
Credit points: 12  Contact hours: 3 per week  Incompatible with: AAB820
Campus offered: KG  Semester offered: 1
► KIB821 VIRTUAL REALITY

This unit finds a focus on the production of interactive digital video projects covering material including: concept development; creative and direction techniques; interactive techniques; and styles; advanced digital video production and post production.

Courses: KI25, KI32
Prerequisites: KKB815, KIB803, KIB804
Credit points: 12  Contact hours: 3 per week  Incompatible with: AAB821
Campus offered: KG  Semester offered: 1
► KIB823 DESIGN PRACTICE

With the approval of the Unit Coordinator, the student undertakes activity within the context of a project in the field of Communication Design. Access to this unit is reserved for students who have demonstrated an outstanding level of achievement in the related Bachelor of Design to Design, and have a GPa of 5.0 or higher.

Courses: Open Elective
Prerequisites: KKB818/KIB807 and a GPA of 5.5
Credit points: 12  Contact hours: 3 per week  Incompatible with: AAB823
Campus offered: KG  Semester offered: 1
► KIB825 HISTORY OF ANIMATION

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 enterprise and social and political comment.

Courses: Open Elective
Prerequisites: KKB826
Credit points: 12  Contact hours: 3 per week  Incompatible with: AAB825
Campus offered: KG  Semester offered: 1
► KIB850 RESEARCH & DEVELOPMENT

This unit provides students with an overview of research methods as they apply to various industry contexts. Project planning and documentation, marketing, legal issues and academic writing are explored through seminars, written assignments and oral presentations. This unit also provides the tools required for students to time manage and organisational skills to finish their major project and are able to complete a related thesis

Courses: KK52, KK53
Credit points: 12  Contact hours: 3 per week  Incompatible with: AAB850
Campus offered: KG  Semester offered: 1
► KIB850 RESEARCH AND DEVELOPMENT

Courses: KI42
Campus offered: KG  Semester offered: 1
► KIB860 PROJECT

This unit serves as final project seminar which brings together all of the creative issues, media and technology skills and organisational skills taught through the Bachelor of IT and the BCI Communication Design degree. Final year students undertaking this unit will document, present and produce a major creative work. It is the culmination of students present their ideas, develop the project and then continue to present project progress throughout the semester. This unit will provide the basis for a final year exhibition to which students, staff and relevant industry bodies will be invited.

Courses: IF90
Prerequisites: Completion of 288 credit points in IF90
Credit points: 24  Contact hours: 6 per week  Incompatible with: AAB860
Campus offered: KG  Semester offered: 2
► KIN808 INTRODUCTION TO COMMUNICATION DESIGN

This major of this unit involves the acquisition of technology and design knowledge through demonstration and application, the development of aesthetic responses through involvement in project production and the development of foundations for a personal philosophy through research and lectures. Students gain a familiarisation with visual language and systems, design environments, which explore the potential of the Internet and enhance visual communication and develop an understanding of the relationship between design theory and practice. Emphasis is placed on the relationship between design and technology and the interaction of the student for multimedia production.

Courses: KI42
Credit points: 12  Contact hours: 3 per week  Incompatible with: AAN808
Campus offered: KG  Semester offered: 1
► KIN809 INTERACTION DESIGN

This unit is focused on the design of interactive systems to enable the user to explore, search and experience the content of the web through the use of their own personal computer. The student will gain a familiarity with the use of web design 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: KI42
Prerequisites: KIN818, KIN808
Credit points: 12  Contact hours: 3 per week  Incompatible with: AAN810
Campus offered: KG  Semester offered: 1
► KIN816 INFORMATION ARCHITECTURE

This unit aims to develop understanding of the creative and analytical roles of writers, conceptual designers and information designers in New Media, Digital Media, and interactive systems. Students will be required to demonstrate an understand of the design process and organisational skills required to work effectively within teams. This unit is taught through the Bachelor of IT and the BCI Communication Design degree. Final year students undertaking this unit will document, present and produce a major creative work. It is the culmination of students present their ideas, develop the project and then continue to present project progress throughout the semester. This unit will provide the basis for a final year exhibition to which students, staff and relevant industry bodies will be invited.

Courses: IF90
Prerequisites: Completion of 288 credit points in IF90
Credit points: 24  Contact hours: 6 per week  Incompatible with: AAB860
Campus offered: KG  Semester offered: 2
► KIN817 PROJECT MANAGEMENT

This major of this unit involves the acquisition of project management skills and an understanding of the project life cycle. Students will learn about the design, implementation and management of a project. Students will be invited.

Courses: KI42
Prerequisites: KIN818, KIN808
Credit points: 12  Contact hours: 3 per week  Incompatible with: AAN816
Campus offered: KG  Semester offered: 1
► KIN818 INTRODUCTION TO DIGITAL MEDIA TECHNOLOGIES

This unit aims to develop understanding of the development of professional skills in the use of computer systems and specific software packages; the fostering of appropriate research skills through the use of appropriate and recommended texts, periodicals and other materials. The lecture and tutorial series covers the history of computing, visual communication technology, the internet, media and related technology, digital representation, computer graphics, digital audio, Encoding and decoding systems., Publishing and delivery systems, hardware and software intercell, Use of visual development applications, use of acquisition, editing and publishing tools and processes and electronic publishing and delivery technologies.

Courses: KI42
Credit points: 12  Contact hours: 3 per week  Incompatible with: AAN817
Campus offered: KG  Semester offered: 2
► KIN818 INTRODUCTION TO DIGITAL MEDIA TECHNOLOGIES

This unit aims to develop understanding of the development of professional skills in the use of computer systems and specific software packages; the fostering of appropriate research skills through the use of appropriate and recommended texts, periodicals and other materials. The lecture and tutorial series covers the history of computing, visual communication technology, the internet, media and related technology, digital representation, computer graphics, digital audio,
KIN819 ELECTRONIC PUBLISHING

This unit provides an introduction to designing, implementing and evaluating interactive systems. There is a practical ‘hands on’ introduction to the design of dynamic interactive systems followed by analytical study of design elements of these systems. For effectiveness, soundness of design, trust, security, privacy, fulfilment, digital cash and commercial transactions are introduced in an analytical and practical way. This unit also provides students with some historical and conceptual knowledge as well as introductory practical knowledge. Tutorial and lab times are scheduled to ensure that students have a substantial piece of work developed by the end of the semester. The unit is based primarily on the process of web design and implementation, but also covers advanced issues related to interactivity, servers and publishing systems, and Internet programming.

Prerequisites: KIN818
Credit points: 12
Contact hours: 3 per week
Incompatible with: AAN818
Campus offered: KG
Semester offered: 1

KIN824 PROJECT ADMINISTRATION

Project administration is a vital component of project management. Administration of a project consists of development of all project documentation, including budgets, schedules and client correspondence. While the documentation must be accurate and sound methodology, the implementation of the methodology is only as successful as the administration of its documentation components and client interface. The Project Management must have a sound working knowledge of both. The aim of this unit is to develop within the student the ability to create and communicate templates used within the project methodology, as well as write the content for many of the documents that require client review and approval. In addition, the student will create the documents required for successful client interaction.

Courses: KI42
Prerequisites: KIN818, KIN816, KIN817
Credit points: 12
Contact hours: 3 per week
Incompatible with: AAN824
Campus offered: KG
Semester offered: 1

KIN851 1/4 DESIGN PROJECT

Students enrolled in the Master of Communication Design are required to undertake a major project or an industry-related thesis. The creative project should have an industry or arts focus, and demonstrate an ability to apply academic and creative knowledge innovatively. This unit also provides the tools required (via frequent seminars) for students to be properly prepared to finish their major project and are able to complete a related thesis. Weekly discussion and presentation related to the major project are also required.

Courses: KI42
Prerequisites: KIN818, KIN816
Credit points: 12
Contact hours: 3 per week
Incompatible with: AAN8824
Campus offered: KG
Semester offered: 1, 2

KIN851 2/4 DESIGN PROJECT

Students enrolled in the Master of Communication Design are required to undertake a major project or an industry-related thesis. The creative project should have an industry or arts focus, and demonstrate an ability to apply academic and creative knowledge innovatively. This unit also provides the tools required (via frequent seminars) for students to be properly prepared to finish their major project and are able to complete a related thesis. Weekly discussion and presentation related to the major project are also required.

Courses: KI42
Prerequisites: KIN818, KIN816
Credit points: 12
Contact hours: 3 per week
Incompatible with: AAN8824
Campus offered: KG
Semester offered: 1, 2

KIN851 3/4 DESIGN PROJECT

Students enrolled in the Master of Communication Design are required to undertake a major project or an industry-related thesis. The creative project should have an industry or arts focus, and demonstrate an ability to apply academic and creative knowledge innovatively. This unit also provides the tools required (via frequent seminars) for students to be properly prepared to finish their major project and are able to complete a related thesis. Weekly discussion and presentation related to the major project are also required.

Courses: KI42
Prerequisites: KIN818, KIN816
Credit points: 12
Contact hours: 3 per week
Incompatible with: AAN8824
Campus offered: KG
Semester offered: 1, 2

KIN851 4/4 DESIGN PROJECT

Students enrolled in the Master of Communication Design are required to undertake a major project or an industry-related thesis. The creative project should have an industry or arts focus, and demonstrate an ability to apply academic and creative knowledge innovatively. This unit also provides the tools required (via frequent seminars) for students to be properly prepared to finish their major project and are able to complete a related thesis. Weekly discussion and presentation related to the major project are also required.

Courses: KI42
Prerequisites: KIN818, KIN816
Credit points: 12
Contact hours: 3 per week
Incompatible with: AAN8824
Campus offered: KG
Semester offered: 1, 2

KJB210 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 journalism, ethics is examined against the background of media are studied and applied through production student to the law that applies to their professional practice, and ethical dilemmas and asked to make decisions and justify their choices; eg the value of death knocks, privacy, defining off-the-record, handling leads and women in the media. More general issues of choice, practice and productivity in journalism may be addressed eg defining best practice in coverage of military activity or international events.

Courses: IF05, IF07, KJ32
Prerequisites: KJB121
Credit points: 12
Contact hours: 3 per week
Incompatible with: MJB239
Campus offered: GP
Semester offered: 1

KJB275 MEDIA LEGAL ISSUES

Introduces journalism, media studies, creative writing and film and television production students to the law that applies to their professional practice and theoretical studies aiming to provide a foundational approach to general aspects of law as well as particular media related topics for students in these fields.

Courses: KJ32
Prerequisites: KJB121
Credit points: 12
Contact hours: 3 per week
Incompatible with: MJB275
Campus offered: GP
Semester offered: 2

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 are distinctive and how they cover 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. A seminar program will include papers for assessment on topics such as, significance of news coverage during international crises; development news; profiles of correspondents as residents or itinerants; or newswriting on special events. For their assessment, students will have the opportunity to study articles or other news items on current news issues of international relevance. Some students may choose to complete some portions of the assessment through praxis abroad including placements in international news organisations.
Courses: IF05, IF07, KJ32, KJ35, KJ36
Prerequisites: KJ121
Campus offered: GP Semester offered: 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 production; decision-making in the newsroom; leadership and motivation. Work is done in online journalism, newspaper production, radio and television news.

Courses: IF05, IF07, KJ32

Incompatible with: MJB280
Campus offered: GP Semester offered: 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

Contact hours: 3 per week
Incompatible with: MJB322
Campus offered: GP Semester offered: 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 undertake in-depth practical assignments for possible publication, and engage in case study/role play exercises for understanding public affairs/political processes and their relationships to news media.

Courses: IF05, IF07, KJ32

Prerequisites: KJB224. Available to JOU majors only.
Credit points: 12 Contact hours: 3 per week
Incompatible with: MJB337
Campus offered: GP Semester offered: 2

► KJB338 RADIO & TELEVISION JOURNALISM 1
Philosophy and formulation of radio and television news media, anchorman techniques, radio and television news production using computers.

Courses: IF05, IF07, KJ32

Prerequisites: KJB322
Credit points: 12 Contact hours: 3 per week
Incompatible with: MJB338
Campus offered: GP Semester offered: 1

► KJB339 FASHION JOURNALISM
This course will encourage students to come to a critical understanding of fashion journalism in a changing media environment, exploring both historical and global trends. It will also enable them both to produce and to critique appropriate copy. 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: KJ32, KF25
Credit points: 12 Contact hours: 3 per week
Campus offered: GP Semester offered: Not offered 2002

► KJP103 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 and development 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: Creative Industries Core Unit
Credit points: 12 Incompatible with: KAB007
Campus offered: KG, GP Semester offered: 1, 2

► KKB218 CREATIVITY STUDY 1
This unit is central to the Creative Industries program because it offers a basis in understanding the concept of ‘creativity’ and in the acquisition and development 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: Creative Industries Core Unit
Credit points: 12 Contact hours: 3 per week
Campus offered: Rotated offering between GP and KG Semester offered: 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 conduct the completion of a progres report stage and assessment report and 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.

Campus offered: GP Semester offered: 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 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
Credit points: 12 Contact hours: 3 per week
Incompatible with: MJB390
Campus offered: GP Semester offered: 1, 2

► KKB418 TRANSFORMING CULTURES
Within this unit the emphasis is on providing students with an understanding of the process of cultural transformation. The unit is organised around three major thematic blocks, each lasting four weeks. These themes are Time and Space, Bodies and Boundaries and Cultures and Contact.

Courses: Creative Industries Core Unit
Credit points: 12 Contact hours: 3 per week
Campus offered: Rotated offering between GP and KG Semester offered: 1, 2

► KKB618 WRITING FOR CREATIVE INDUSTRIES
Students are introduced to the practical and technical 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: Creative Industries Core Unit
Credit points: 12 Contact hours: 3 per week
Campus offered: Rotated offering between GP and KG Semester offered: 1, 2
UNIT SYNOPSYS

► KK9818 INTRODUCTION TO MULTIMEDIA TECHNOLOGY

This unit aims to provide an introduction to theories and skills underpinning the application of multimedia technology within the Creative Industries, providing a foundation of conceptual and practical skills related to contemporary modes of electronic hypermedia production, communication and diffusion.

Courses: Creative Industries Core Unit, KK32, KZ25
Students are not to take this subject
Credit points: 12 Contact hours: 3 per week
Incompatible with: AE8138
Campus offered: Rotating offered between GP and KG
Semester offered: 1, 2

► 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 that share similar processes and fulfill related roles in the curriculum.

Courses: ED56, ED51, FP92
Prerequisites: 12 Incompatible with: AAB914
Course offered: KG Semester offered: 2

► KKB916 ADV VISUAL & PERFORMING ARTS CURRICULUM 1

The curriculum of dance, drama, music or visual arts to an advanced level; designing and implementing programs in one of the disciplines for the primary school; action research in the classroom to monitor and evaluate an arts curriculum project.

Courses: ED51
Credit points: 12 Contact hours: 3 per week
Course offered: KG Semester offered: 2

► KKB918 ARTS FOUNDATION STUDIES

Foundational experience introducing the art forms of dance, drama, music and the visual arts; the purposes and functions of the arts in society; practical workshops in each discipline; visits to galleries and theatres in a range of community contexts.

Courses: ED43, ED51, ED54
Credit points: 12 Contact hours: 3 per week
Course offered: KG Semester offered: 1

► KKN001 HONOURS PROJECT 1

Students enrolled in the Honours course are required to undertake a major project including a thesis component. The creative project should have an industry or arts focus, and demonstrate an ability to apply academic and creative knowledge of their discipline.

Courses: KS52, KS53, KS54, KS55
Credit points: 24 Incompatible with: AAB001
Campus offered: KG Semester offered: 1

► KNN002 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: KS52, KS53
Credit points: 12 Contact hours: 3 per week

► KKN003 HONOURS PROJECT 2

Students enrolled in the Honours course are required to undertake a major project including a thesis component. The creative project should have an industry or arts focus, and demonstrate an ability to apply academic and creative knowledge innovatively.

Courses: KS52, KS53, KS54, KS55
Prerequisites: KKN001
Credit points: 36
Course offered: KG, GP Semester offered: 2

► KKN006 INDEPENDENT STUDY

Independent work of an artistic or scholarly nature under the supervision of limited scope compared with the research project. The student devises an outline of study and/or action in consultation with a staff supervisor. Artistic projects would normally be expected to be the standard of public showing. Written presentation requires a minimum of 6,000-8,000 words, or equivalent if other media/reportage is used.

Courses: KK42
Credit points: 12

► KK0007 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: a research thesis or a creative project accompanied by a written component.

The creative project could include an exhibition of visual art (performance, dance, drama, music); or choreography, script or score; or a book-length work of fiction or non-fiction; or a film or multimedia script or production.

Units may be taken on one per semester or several per semester, depending on the enrolment pattern recommended by the School in the Course Summary sheet, in accordance with the desired length of candidature, mode (full- or part-time), and entry qualifications (three or four year qualified).

Courses: KK51
Prerequisites: Nil
Corequisites: Nil
Credit points: 12 for each of the eight units (total 96)
Contact hours: 1 per week
Incompatible with: AAN007
Campus offered: GP, KG
Semester offered: 1, 2

► KNN011 ADVANCE PROFESSIONAL PRACTICE 1

An investigation of the student's professional practice through observation and research in consultation with the supervisor.

Courses: KK42
Credit points: 12 Contact hours: 3 per week
Incompatible with: AAN011
Campus offered: KG, GP
Semester offered: 1, 2

► KNN012 ADVANCED PROFESSIONAL PRACTICE 2

Extension and elaboration of the student’s professional practice through evaluation and analysis in consultation with the supervisor.

Courses: KK42
Credit points: 12 Contact hours: 3 per week
Incompatible with: AAN012
Campus offered: KG, GP
Semester offered: 1, 2

► KNN013 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
Credit points: 24 Contact hours: 12 per week
Incompatible with: AAN013
Campus offered: GP Semester offered: 1, 2

► KNN014 DISCIPLINE STUDY

Working with other students from their home discipline to extend in other disciplines issues of theory and practice in the visual and performing arts. It will address immediate problems of professional practice and the reflexive relationship between theory and practice.

Courses: KK42
Credit points: 12 Contact hours: 3 per week
Incompatible with: AAN014
Campus offered: GP, KG
Semester offered: 1, 2

► KNN016 FRAMEWORKS FOR PERFORMANCE STUDY

Addresses issues in interpretation for the musical performer. Students will examine models and frameworks of interpretation with particular reference to their principal instrument.

Courses: KK42
Credit points: 12 Contact hours: 3 per week
Incompatible with: AAN016
Campus offered: GP, KG
Semester offered: 1, 2

► KKN020 RESEARCH METHODS IN VISUAL & PERFORMING ARTS

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
Credit points: 12 Contact hours: 3 per week
Incompatible with: AAN020
Campus offered: GP, KG
Semester offered: 1, 2

► KKN058 ARTS RESEARCH

An introduction to current research methods and approaches in the arts, with an emphasis on theoretical and ethical issues of the status of the supervisor, as well as arts practice as research. This unit is a prerequisite for entry to Honours.

Courses: KD25, KS25, KS26, KT32, KM32, KV25, KV32
Credit points: 12 Contact hours: 3 per week
Incompatible with: AAN058

► KNN200 GRADUATE SEMINAR

Weekly discussions and presentations related to the research and preparation of a Master of Arts (Research) thesis. Opportunities for student interaction through a sharing of research experiences.

Courses: KK52, KK53

► KKP107 DISSERTATION

The culmination of the degree in Creative Writing, Production, Film and Television Production, Journalism or Media Studies in that students apply the theory and research material covered in previous courses. Students enrol in four sequential 12 credit point units (KKP107/1, KKP107/2, KKP107/3, KKP107/4) until they have completed 48 credit points. Normally, KKP107/1 will involve students beginning to apply the theory and research material covered in previous units, to a chosen dissertation topic, in consultation with an approved supervisor. KKP107/2 will involve students consolidating the preparatory work and integrating it into a critical and creative practice research, with the development of appropriate methodologies and strategies for the development of research projects, and the application of information technology and generic research skills to these projects. The unit will also provide an overview of issues involved in research outside of the education context, including work with professional groups, consultancy research and publication and career development strategies.

Courses: KG, GP, KG, KG, KG
Credit points: 12 Contact hours: 3 per week
Incompatible with: MJP391
Campus offered: GP Semester offered: 1

► KKP391 MEDIA RESEARCH METHODS

This unit will develop applied skills in research strategies and methodologies relevant to the disciplines of creative writing, film and television production, journalism and media studies, and to the theory of media in print, texts, audiences and professional practice. It combines analysis of areas of media research, including organisational, policy, commercial and creative practice research, with the development of appropriate methodologies and strategies for the development of research projects, and the application of information technology and generic research skills to these projects. The unit will also provide an overview of issues involved in research outside of the education context, including work with professional groups, consultancy research and publication and career development strategies.

Courses: KG, KP, KG, KG, KG
Credit points: 12 Contact hours: 3 per week
Incompatible with: MJP391
Campus offered: GP Semester offered: 1

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Campus offered: Incompatible with:

► Courses:
  - for instrumental/choral ensembles using music
  - Development of composition & arranging skills

► Courses:
  - to life in the workforce. Exploration of current issues in the arts, and development of professional skills including public speaking, meeting procedures and career management.

Courses: KS32, KT32
Credit points: 12 Contact hours: 3 per week
Incompatible with: AAB616
Campus offered: KG Semester offered: 2

► KMB616 ENSEMBLE PROJECT A
Students experience the cooperative interaction of individuals making a participant or a leader. Options include: leadership in one group, participation in two groups, or participation in one group and completion of a written essay on an approved topic relating to music practice. Year long unit.

Courses: IF77, KM32
Prerequisites: approval of Unit Coordinator
Credit points: 12
Incompatible with: AAB616
Campus offered: KG Semester offered: 2

► KMB617 ARRANGING
Development of composition & arranging skills for instrumental/choral ensembles using music of various styles.

Courses: IF77, KM32
Credit points: AAB630
Credit points: 12 Contact hours: 3 per week
Incompatible with: AAB617
Campus offered: KG Semester offered: 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
Prerequisites: AAB619 or AAB604 or equivalent
Credit points: 12 Contact hours: 3 per week
Incompatible with: AAB628
Campus offered: KG Semester offered: 2

► 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.

Courses: KM32
Credit points: 12 Contact hours: 3 per week
Incompatible with: AAB619
Campus offered: KG Semester offered: 2, 1

► KMB622 SECOND STUDY 1
 Widens the base of a student’s practical skills through the study of a second instrument or voice. Students normally choose an instrument closely related to that of their Principal Study. (Year-long unit.)

Courses: IF77, KM32
Credit points: AAB604
Credit points: 12 Contact hours: 3 per week
Incompatible with: AAB621
Campus offered: KG Semester offered: 2, 1

► KMB621 SOUND RECORDING AND ACOUSTICS
An introduction to the fundamentals of the physical world of sound, basic signal flow, sound recording and acoustics.

Courses: IF77, KI25, KI32, KM32, KS25, KS26, KT32
Credit points: 12 Contact hours: 3 per week
Incompatible with: AAB621
Campus offered: KG Semester offered: 2, 1

► KMB623 CONDUCTING
Introduces students to a wide range of choral styles and music and assists them to achieve artistic objectives. Year long unit. Performance through conducting workshop activities including practical conducting, stylistic practices, repertoire and vocal and performance techniques.

Courses: IF77, KT32
Credit points: AAB633 or approval of Unit Coordinator
Credit points: 12 Contact hours: 3 per week
Incompatible with: AAB623
Campus offered: KG Semester offered: 1

► KMB626 MUSIC & SOUND FOR MULTIMEDIA
This unit deals with studio recording techniques, computer-assisted composition, the role of music in film, non-linear structures, the effect and affect of sound in digital media productions, sound effects and Foley techniques, musical acoustics, and digital sound theory. In this unit the student’s ability to use digital and create music deriving from a diverse range of cultures is developed.

Courses: IF77, KM32
Credit points: 12 Contact hours: 3 per week
Incompatible with: AAB626
Campus offered: KG Semester offered: 2

► KMB629 ENSEMBLE PROJECT B
Students experience the cooperative interaction of music-making as a participant or a leader. Options include: leadership in one ensemble, participation in two ensembles, or participation in one ensemble and submission of a written research essay on an approved topic relating to music practice. Year long unit.

Courses: IA91, IF77, KM32
Prerequisites: KMB 616 and approval of the Unit Coordinator
Credit points: 12 Contact hours: 3 per week
Incompatible with: AAB629
Campus offered: KG Semester offered: 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, and other arranging techniques.

Courses: IF77, KM32
Credit points: 12 Contact hours: 3 per week
Incompatible with: AAB630
Campus offered: KG Semester offered: 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: Open Elective
Credit points: 12 Contact hours: 3 per week
Incompatible with: AAB631
Campus offered: KG Semester offered: 1

► KMB632 CORE MUSICIANSHIP I
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: IF77, KM32
Credit points: 12 Contact hours: 4.5 per week
Incompatible with: AAB632
Campus offered: KG Semester offered: 1

► KMB634 CONTEMPORARY ART MUSIC MUSICIANSHIP
Music making processes have changed with developments in new media and media integration. This unit develops skills in this area such as sound recording, and psycho-acoustic, thinking, synthesis, sampling and applying software applications.

Courses: KM32, IF77
Credit points: 12 Contact hours: 5 per week
Incompatible with: AAB634
Campus offered: KG Semester offered: 1

► KMB635 SOUND MEDIA MUSICIANSHIP
This unit offers an in-depth study of major compositional trends, movements and techniques of contemporary western music, with an emphasis on Australian music. Aural and keyboard musicianship skills are taught within the context of contemporary music practice.

Courses: KM32, IF77
Credit points: KMB633
Credit points: 12 Contact hours: 5 per week
Incompatible with: AAB635
Campus offered: KG Semester offered: 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 understand music derived from a diverse range of cultures is developed.

Courses: KM32, IF77
Prerequisites: KMB633
Credit points: 12 Contact hours: 5 per week
Incompatible with: AAB636
Campus offered: KG Semester offered: 2

► KMB637 JAZZ AND POPULAR MUSIC MUSICIANSHIP
This unit offers a study of the development of jazz and contemporary popular music through analysis, composition and a complementary aural and keyboard musicianship session.

Courses: KM32, IF77
Prerequisites: AAB632
Credit points: 12 Contact hours: 5 per week
Incompatible with: AAB637
Campus offered: KG Semester offered: 2

► KMB638 SOUND AND IMAGE
Students explore why they are influenced and manipulated by the interaction of narrative, moving images, sound (including music) and their interaction. Through a discussion of classic and contemporary world examples students map this interpretive journey through analysis, criticism and viewing.

Courses: Open Elective
Credit points: 12 Contact hours: 3 per week
Incompatible with: AAB638
Campus offered: KG Semester offered: 1

► KMB639 MUSIC DIRECTING
Students experience the cooperative interaction of music-making as a participant or a leader. Options include: leadership in one ensemble, participation in two ensembles, or participation in one ensemble and submission of a written research essay on an approved topic relating to music practice. Year long unit.

Courses: IF77, KM32
Prerequisites: Approval of the Unit Coordinator
Credit points: 12 Contact hours: 3 per week
Incompatible with: AAB639
Campus offered: KG

► 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: Open Elective
Credit points: 12 Contact hours: 3 per week
Incompatible with: AAB640
Campus offered: KG

► KMB645 PRINCIPAL STUDIES E
Consolidation and extension of performance/production skills leading to a thesis-based
Courses:
KMB654 MUSIC PERFORMANCE STUDIES 4
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 master classes, 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
Credit points: 12
Contact hours: 5 per week
Incompatible with: AAB654
Campus offered: KG Semester offered: 2

► KMB654 MUSIC PERFORMANCE STUDIES 5
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 master classes, 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
Credit points: 12
Contact hours: 5 per week
Incompatible with: AAB654
Campus offered: KG Semester offered: 2

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 Australian 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, Open Elective
Credit points: 12
Contact hours: 3 per week
Incompatible with: AAB646
Campus offered: KG Semester offered: 2

► KMB650 INTRODUCTORY ENSEMBLE
This unit allows students to work in an ensemble or group activity. The cooperative interaction of performance and other music-making activities is an essential ingredient in the training of the mature musician and one that will enhance both the individual and the group. The benefits reach into daily life and assist the student to better work in groups.

Courses: KM32
Credit points: 12
Incompatible with: AAB655
Campus offered: KG Semester offered: 2

► KMB651 MUSIC PERFORMANCE STUDIES 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 master classes, 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
Credit points: 12
Contact hours: 5 per week
Incompatible with: AAB655
Campus offered: KG Semester offered: 1

► KMB652 MUSIC PERFORMANCE STUDIES 2
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 master classes, 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
Credit points: 12
Contact hours: 5 per week
Incompatible with: AAB655
Campus offered: KG Semester offered: 2

► KMB653 MUSIC PERFORMANCE STUDIES 3
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 master classes, 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
Credit points: 12
Contact hours: 5 per week
Incompatible with: AAB655
Campus offered: KG Semester offered: 1

► KMB654 MUSIC PERFORMANCE STUDIES 4
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 master classes, 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
Credit points: 12
Contact hours: 5 per week
Incompatible with: AAB654
Campus offered: KG Semester offered: 2

► KMB655 MUSIC PRODUCTION STUDIES 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 the ensemble of choice.

Courses: IF77, KM32, KV25
Credit points: 12
Contact hours: 5 per week
Incompatible with: AAB655
Campus offered: KG Semester offered: 2

► KMB656 MUSIC PRODUCTION STUDIES 2
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 the ensemble of choice.

Courses: IF77, KM32, KV25
Credit points: 12
Contact hours: 5 per week
Incompatible with: AAB656
Campus offered: KG Semester offered: 2

► KMB657 MUSIC PRODUCTION STUDIES 3
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 the ensemble of choice.

Courses: IF77, KM32, KV25
Credit points: 12
Contact hours: 5 per week
Incompatible with: AAB657
Campus offered: KG Semester offered: 2

► KMB659 MUSIC PRODUCTION STUDIES 4
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 the ensemble of choice.

Courses: IF77, KM32, KV25
Credit points: 12
Contact hours: 5 per week
Incompatible with: AAB659
Campus offered: KG Semester offered: 2

► KMB660 MUSIC PRODUCTION STUDIES 5
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 the ensemble of choice.

Courses: IF77, KM32
Credit points: 12
Contact hours: 5 per week
Incompatible with: AAB660
Campus offered: KG Semester offered: 2

► KMB661 MUSIC PROJECT 1
This unit follows from KMN602 and enables students to further develop their project.

Courses: AAS3, KA44, KA95
Credit points: 24
Contact hours: 3 per week
Incompatible with: AAN601
Campus offered: KG Semester offered: 1, 2, 3

► KMN602 MUSIC PROJECT 2
This unit follows from KMN601 and enables students to further develop their project.

Courses: AAS3, KA44, KA95
Credit points: 24
Contact hours: 3 per week
Incompatible with: AAN602
Campus offered: KG Semester offered: 1, 2, 3

► KMN604 MUSIC PROJECT 4
This unit follows from KMN603 and enables students to further develop their project.

Courses: AAS3, KA44, KA95
Credit points: 24
Contact hours: 3 per week
Incompatible with: AAN604
Campus offered: KG Semester offered: 1, 2, 3

► KMN605 MUSIC PROJECT 5
This unit follows from KMN604. In this unit the student will complete their project.

Courses: AAS3, KA44, KA95
Credit points: 24
Contact hours: 3 per week
Incompatible with: AAN605
Campus offered: KG Semester offered: 1, 2, 3

► KMN606 ADVANCED DIGITAL RECORDING
Students will follow and 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: AAS3, KA44, KA95
Credit points: 24
Contact hours: 3 per week
Incompatible with: AAN606
Campus offered: KG Semester offered: 1, 2, 3

► KMN607 AUSTRALIAN MUSIC CULTURE
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 development of 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: AAS3, KA44, KA95
Credit points: 24
Contact hours: 3 per week
Incompatible with: AAN607
Campus offered: KG Semester offered: 2

► KMN608 COMPOSING FOR MOVING PICTURES
Creative composition in the area of film and television is an expanding medium for the contemporary composer and, in order to compete in this challenging and diverse field, music graduates will need a combination of musical, technical and semiotic skills. This unit includes the development of computer sequencing and com-
positional skills and the ability to work in the non-linear digital world of today's industry.

Courses: KPN111, KPN137, KPN138
Prerequisites: Nil
Credit points: 12
Incompatible with: Nil
Campus offered: GP Semester offered: 1

► KPM111 MEDIA WRITING

Introduction to writing for the electronic media. Examines the major strategies for writing practice within a variety of cultural contexts, and the implications for writers of those diverse contexts and audiences. Film, television, radio and multimedia, including drama, documentary, comedy, educational and corporate.

Courses: KPK25, KPK35, KPK36
Credit points: 12
Incompatible with: MJB111
Campus offered: GP Semester offered: 1, 2

► KPB130 MEDIA TEXT ANALYSIS

Students will apply a range of theoretical approaches, both traditional and contemporary, to the analysis of media texts. Equip 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, IF25, IF32, KPK25, EDS0
Credit points: 12
Incompatible with: MJB130
Campus offered: GP Semester offered: 1

► KPB141 FILM & 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 dialogue.

Courses: KK32, KP25, IF25, IF32, KPK35, EDS0
Credit points: 12
Incompatible with: MJB141
Campus offered: GP Semester offered: 1

► KPB147 FILM & TELEVISION GENRES

Explores the concept of genre in films and television programs. It investigates the conventions, iconography of particular film and genre traditions. It also examines the relationships between film genres and television genres, between genres and history/ideology, between gender and the film and television industries, and between the generic texts produced by these industries.

Courses: KK32, KP25, IF27, IF26, IF35, EDS0
Prerequisites: KPB130
Credit points: 12
Incompatible with: MJB147
Campus offered: GP Semester offered: 1
UNIT SYNOPSIS

Incompatible with: MJB147
Campus offered: GP Semester offered: 2
► KPB155 TELEVISION PRODUCTION
Should be combined with KPP155. Basic design for informational, creative, corporate, documenta-
tary and drama productions. Exploration of the historical and theoretical underpinings of design for media produc-
tion. Introduction to the design of project man-
agement strategies, art and screen direction, imaging, sound and sequences of audio visual
material at an introductory level. Introduction to
project management; performance and screen di-
rection; image capture and lighting design; some
capture and audio design; visual montage and
image mixing.
Courses: KP25, KK32, IF27, KP35, KP36, IF26, IF35
Credit points: 12 Contact hours: 3 per week Incompatible with: MJB155 Campus offered: Semester offered: 1, 2
► KPB185 INFORMATIONAL PRODUCTION
Should be combined with KPP185. Forms of training and educational materials development as they apply to informational media. Explora-
tion of the historical and theoretical underpin-
ings of informational media. Training in management, ideation, of the collection, and editing as they apply to moving image media at an
introductory level. Practice in project manage-
ment, 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, IF27, KP35, KP36
Credit points: 12 Contact hours: 3 per week Incompatible with: MJB155 Campus offered: GP Semester offered: 2
► KPB190 CREATIVE PRODUCTION
Experimentation in the coverage of live move-
ment; visual interpretation of sound; the sonification of visual events. Explo-
oration of the historical and theoretical underpin-
ings 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, KP32, IF27, KP35, KP36
Credit points: 24 Contact hours: 6 per week Incompatible with: MJB190 Campus offered: GP Semester offered: 1
► KPB209 AUSTRALIAN TELEVISION
Exploration of the role of television in the construc-
tion of Australia’s cultural identity. Particular at-
tention is paid to the part played by a number of
historical and contemporary documentaries in this process. The unit examines how issues such as war, religion, race, ethnicity, foreign relations and sport are dealt with in a number of texts.
Courses: KP25, KP32, IF27, ED50, IF26, IF35
Credit points: 96 credit points of undergraduate study
Credit points: 12 Contact hours: 3 per week Incompatible with: MJB209 Campus offered: GP Semester offered: 1
► KPB233 TELEVISION CULTURES
Aims to provide students with some ways to think about and to begin to account for the pro-
cesses by which people make sense of and take
pleasure from their encounters with television. It
allows students to understand better the nature of
television as a form of communication. The sub-
ject draws on the insights provided by a range of
theory and theory of design for media produc-
turialism, British cultural studies, narrative the-
ory, reception theory, ideological analysis, feminism, postcolonial theory and semiotics in
vides television production as texts, and analyses the factors determining their construction and their
meanings for audiences.
Courses: KP25, IF27, KK32, IF26, IF35
Credit points: 12 Contact hours: 3 per week Incompatible with: MJB233
Campus offered: GP Semester offered: 1
► KPB260 COMMUNITY & EDUCATIONAL VIDEO
New approaches to educational and communi-
ty-focused video production using video cameras, editing equipment and computers; maximising
outcomes using a variety of new technologies to
produce magazine programs, oral histories, cor-
porate promotional, educational and training
videos. This unit draws on the insights provided
given to Education and FTVP majors.
Courses: KK32, IF27, KP25, ED50
Credit points: 12 Contact hours: 3 per week Incompatible with: MJB260
Campus offered: GP Semester offered: 2
► KPB265 CORPORATE PRODUCTION
Electronic film and television studio production
as they apply to business communica-
tion. Exploration of the historical and theoreti-
cal underpinnings of corporate television and video
production. Training in management, direc-
tion, 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, IF27
Credit points: 24 Contact hours: 6 per week Incompatible with: MJB265
Campus offered: GP Semester offered: 2
► KPB268 FILM AND TELEVISION DRAMA PRACTICE
This unit introduces students to directing meth-
dologies in film and television drama. Students
will be exposed to different approaches to direct-
ing 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 the role of stylistic appro-
aches to directing for film and television.
Students will be expected to assimilate the prin-
ciples outlined in the unit into their own creative
work and will be assessed on dra-
matic performances they write in the unit.
Courses: KP25
Credit points: 12 Contact hours: 3 per week Incompatible with: MJB268
Campus offered: GP Semester offered: 1
► KPB270 FILM DRAMA PRODUCTION
Film or video production that uses actors as me-
diators in the communication of fictional events.
Exploration of the historical and theoretical underpin-
ings of fictional motion picture art.
Training in management, direction, camera, sound, and editing as they apply to
short drama productions.
Practice in a specialist role on short drama produc-
tions.
Courses: KP25
Credit points: 12 Contact hours: 3 per week Incompatible with: MJB270
Campus offered: GP Semester offered: 2
► KPB275 VIDEO DRAMA PRODUCTION
In this unit students work in small groups to pro-
duce short dramas shot on video.
Students will be required to shoot either on location or in the
studio.
Courses: KP25
Credit points: 24 Contact hours: 6 per week Incompatible with: MJB275
Campus offered: GP Semester offered: 2
► KPB305 AMERICAN FILM
A contextual study of American films across 50
years. It allows students to explore how films
form part of and have influenced a number of
trends during the period of their production.
The subject examines the refraction of the Great De-
pression and World War II in these 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 cinema to different cultures and
radical movements of the period; and the treat-
ment of a range of social issues in 1970s and
1990s films.
Courses: KK32, IF27, KP25, IF25, IF35, ED50
Credit points: 12 Contact hours: 3 per week Incompatible with: MJB305
Campus offered: GP Semester offered: 2
► KPB307 FEMINIST SCREEN STUDIES
The mass media play a significant role in con-
structing gendered and sexualised identities within
our culture. Women and men are specta-
tors, objects of the gaze, and creators of mean-
ing. The gender/sexual politics of various
texts is integrated to an understanding of cultural
production. The subject is designed to
examine critically the issue of gender, sexuality and the media within cultures. A range of media
texts will be investigated from a feminist per-
spective, incorporating issues of race, class and
age, as well as gender and sexuality.
Courses: KK32, IF27
Credit points: 12 Contact hours: 3 per week Incompatible with: MJB307
Campus offered: GP Semester offered: 2
► KPB311 ASIAN FILM AND MEDIA
This unit provides students with an introduction to the cinematic cultures of Asia and the
between China and Japan and also to the study of media
within Asia. China will be taken to include ref-
edence to the cinemas of the People’s Republic of China and Taiwan. The films will be presented within their political, cultural and historical con-
texts. Thus Chinese cinema will include the
work of Lui Yong and Chen Kaige, Wu Tianming,
Zhang Yimou and Tian Zhuangzhuang but also
that of the popular genres from Hong Kong and
the Mainland. The Asian Media section of this
unit will consider the media in countries such as
India, and the role of the media in the Asian diaspora.
Courses: KK32, IF27
Credit points: 12 Contact hours: 3 per week Incompatible with: MJB311
Campus offered: GP Semester offered: 2
► KPB314 MEDIA BUSINESS
The role of the producer and executive producer in
the packaging and financing of film and tele-
vision production including corporate, training
documentary, grant films, features telemov-
ies and mini-series; matching television network
programming needs and achieving balance in
above-the-line, below-the-line and marketing
costs. Source of finance: PFTC, networks, cor-
porate sponsors, corporate clients, investors, pre-
sales, government grants, Film Finance Corpora-
tion; methods of obtaining finance, insurance,
Institutional, state and federal requirements;
and social issues.
Courses: KP25, KK32, IF27
Credit points: 12 Contact hours: 3 per week Incompatible with: MJB314
Campus offered: GP Semester offered: 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 con-
struction and circulation of cultural discourses
such as national identity, nationhood, gender,
etnicity and class; the Australian landscape in
film; experimental and avant garde films; in-
digenous films; new technological and global
challenges.
Courses: KK32
Credit points: 96 credit points of undergraduate study
Credit points: 12 Contact hours: 3 per week Incompatible with: MJB343
Campus offered: GP Semester offered: 1
► KPB344 INTERNATIONAL CINEMA
This unit examines a range of national cinemas from
a global perspective. Key theoretical approaches
such as national identity, national cinema, mass
covered, along with significant historical, tex-
tual, representational and ideological issues.
The critical challenges posed by productions from
different cultures to Hollywood mainstream productions are also explored.

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The subject 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. The following topics are treated: the development of early narrative and the Hollywood classical continuity style; Russian montage; neo-realism in post-war Britain; kitchen-sink films of Britain in the 60s; the ‘long take’ style; expressionism and film noir; the impact of colour and wide screen formats; the various ‘new waves’ of the 50s and 60s; Hollywood in the 70s; and the impact of new technologies and information systems on film.

Courses: KPS25, KPS32, KPS62, IF35
Credit points: 12
Contact hours: 3 per week
Semester offered: 2

► KPB359 FILM HISTORY

This unit introduces students to the tradition of documentary film. It will be used as a practical and theoretical context to explore how documentary can be used to communicate socially critical messages. Topics include the history of documentary fencing and the aesthetic, technical and ethical concerns of the documentary practitioner through history. The unit is a compulsory unit in the major in Media and Film and Television Production students, but will be available to other students, though the form of assessment may be different. Film and Television and Creative Writing majors who have completed MJB111 and MJB141 will be expected to assimilate the principles outlined in the unit into their own creative work and will be formatively assessed on documentary screenplays they will write themselves. Media Studies students who have completed MJB111 and MJB141 will have a choice of either writing screenplays or analytical assignments addressing the theoretical underpinning of the unit in documentary theory. Media studies students who have not completed MJB111 will undertake the analytical assignments.

Courses: KPS25, KPS32, KPS62, IF35
Credit points: 12
Contact hours: 3 per week
Semester offered: 2

► KPB360 DOCUMENTARY PRODUCTION

Video production concerned with the communi- cation of socially critical events in 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: KPS25
Prerequisites: KPB111, KPB155, KPB185
Credit points: 24
Contact hours: 6 per week
Semester offered: 2

► KPB104 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 media industry marketplace. It addresses at an advanced level production strategies that are only marginally addressed at the undergraduate level. It includes six and a half days of on-camera laboratory exercises which have been modified by the instructors and introduced digital technology. In addition, student will be acquainted with methodologies and theoretical underpinning for formulating their own aesthetic and developing a personal style.

Courses: KJS35, KJS32, KJS51, KJS45, KJS45, KP36
Credit points: 12
Contact hours: 3 per week

Incompatible with: MIP104
Course offered: GM Semester offered: 1

► KPB111 NEWSWRITING

Should be combined with KPB111. Introduction to writing for the electronic media. Examines the major strategies for writing practice within a variety of electronic media contexts, and the implications for writers of those diverse contexts and audiences. Film, television, radio and multimedia, including drama, documentary, comedy, educational and corporate.

Courses: KPS5
Prerequisites: enrolment in KPS5
Credit points: 12
Contact hours: 3 per week
Semester offered: 2

► KPB155 MEDIA PRODUCTION

Should be combined with KPB155. 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.

Courses: KPS5
Prerequisites: enrolment in KPS5
Credit points: 12
Contact hours: 3 per week
Incompatible with: MIP155
Course offered: GP Semester offered: 1, 2

► KPB185 INFORMATION 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 screen direction; image capture and lighting design; sonic capture and audio design; visual montage and image mixing.

Courses: KPS5
Prerequisites: KPB155 and enrolment in KPS5.
This is a quota based unit with preference given to FTVP majors.
Credit points: 12
Contact hours: 3 per week
Semester offered: 2

► KSB011 MUSIC THEATRE SKILLS

Provides students with an introduction to practical skills developed in acting, dancing and singing for musical theatre.

Courses: KJS25, KJS15, KM32
Credit points: 12
Contact hours: 4 per week
Incompatible with: AAB011
Course offered: KG

► 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: KJS25, KJS26
Credit points: 12
Contact hours: 3 per week
Semester offered: 2

► KSB202 ACTING 1

Focusses on the actor’s instrument, using a series of exercises that deal specifically with what exercises impedes the actor’s personal truth, and unblocks instrumental blocks to emotional expression. Work incorporates Stage and Camera requirements.

Courses: KJS25
Credit points: 12
Contact hours: 14 per week
Incompatible with: AAB203
Course offered: KG Semester offered: 1

► KSB203 ACTING 2

Continuation of the Instrument Work and the introduction of camera techniques, dealing with contemporary Naturalistic texts for Stage, Film and Television.

Courses: KJS25
Credit points: 12
Contact hours: 21 per week
Incompatible with: AAB203
Course offered: KG Semester offered: 2
Courses: Open Elective
Credit points: 12 Contact hours: 3 per week
Incompatible with: AAB259
Campus offered: KG Semester offered: 1
  ► KSB274 THEATRECRAFT
  Development of practical skills in workshop construction and pre-production areas of stage scenery, props and costumes.
Courses: K25, KS26
Prerequisites: KSB291 Corequisites: KSB292
Credit points: 12 Contact hours: 6 per week
Incompatible with: AAB274
Campus offered: KG Semester offered: 1
  ► KSB275 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: Open Elective
Credit points: 12 Contact hours: 3 per week
Incompatible with: AAB290
Campus offered: KG Semester offered: 2
  ► KSB289 TECHNICAL PRODUCTION 1
  Development of basic skills in theatrical lighting and sound operation and their integration into the overall production process.
Courses: K256
Prerequisites: KSB274, KSB292
Credit points: 12 Contact hours: 6 per week
Incompatible with: AAB290
Campus offered: KG Semester offered: 1
  ► KSB291 TECHNICAL PRODUCTION 2
  Continuation of creative use of lighting and sound in performances. Introduction to lighting and sound design.
Courses: K256
Prerequisites: KSB289 Corequisites: KSB293
Credit points: 12 Contact hours: 21 per week
Incompatible with: AAB291
Campus offered: KG Semester offered: 2
  ► KSB294 STAGE MANAGEMENT 1
  Introduction to coordination of a live theatre production, including the layout and terminology, role of the stage manager, duties and responsibilities from pre-rehearsal to close of season, communication procedures, rehearsal room procedures.
Courses: K256
Prerequisites: KSB289 Corequisites: KSB274
Credit points: 12 Contact hours: 4 per week
Incompatible with: AAB292
Campus offered: KG Semester offered: 2
  ► 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.
Courses: K256
Prerequisites: KSB292
Credit points: 12 Contact hours: 4 per week
Incompatible with: AAB292
Campus offered: KG Semester offered: 2
  ► KSB294 STAGE MANAGEMENT 3
  Broadening the skills base for stage managers into opera, ballet, modern dance, concerts and television including the responsibilities of production management.
Courses: K256
Prerequisites: KSB291 and KSB293
Credit points: 12 Contact hours: 4 per week
Incompatible with: AAB294
Campus offered: KG Semester offered: 1
  ► KTB061 ARTS BUSINESS MANAGEMENT
  An introduction to management techniques within the Australian arts environment, including company structure, cultural policy, strategic management and leadership in the arts, legal, ethical, economical and social requirements of arts, boards, entrepreneurial activity.
Courses: K25, KS25, KS26, KT32, KM32, KV25, KV32
Credit points: 12 Contact hours: 3 per week
Incompatible with: AAB613
Campus offered: KG Semester offered: 2
  ► KTB062 ARTS EVENT PROMOTION & PUBLIC RELATIONS
  The roles of publicist, promotion officer, marketer and public and relations manager in arts organisations. Sponsorship, fundraising programs, membership drives. Planning the promotional and public relations campaign.
Courses: K25D, KS25, KS26, KT32, KM32, KV25, KV32
Credit points: 12 Contact hours: 3 per week
Incompatible with: AAB062
Campus offered: KG Semester offered: 1
  ► KTB208 ELEMENTS OF DRAMA
  Development of appreciation of drama theory and practice, and of their interrelation through an introduction to the basic elements of dramatic performance such as space, performer, audience, language, rhythm, action.
Courses: Open Elective
Credit points: 12 Contact hours: 3 per week
Incompatible with: AAB062
Campus offered: KG Semester offered: 2
  ► KTB214 PROCESS DRAMA
  Workshops involving individual, face-to-face and group role-playing participation, leader-in-role and intervention; identification with role; negotiation, devising and consequent decision-making; dramatic tension and resolution; structuring for theme and for the dramatic moment; distancing devices; reflection, re-enactment and re-making.
Courses: KS25, KT25, KT32, KT33, IF76
Credit points: 12 Contact hours: 3 per week
Incompatible with: AAB214
Campus offered: KG Semester offered: 1
  ► KTB251 THEATRE HISTORY: 20TH CENTURY STAGES
  One of three Theatre History units, this examines three major theatre periods: Reunion, Epic Theatre and Theatre of the Avant Garde.
Courses: KS25, KS26, KT32, KT33, IF76
Credit points: 12 Contact hours: 3 per week
Incompatible with: AAB251
Campus offered: KG Semester offered: 2
  ► KTB252 THEATRE HISTORY: THE SOUND OF THEATRE
  A general introduction to the major stages of development of the western theatre tradition. Exploration of contemporary forms and the role of technology in music theatre and performance.
Courses: KS25, KS26, KT32, KT33, IF76
Credit points: 12 Contact hours: 3 per week
Incompatible with: AAB252
Campus offered: KG Semester offered: 2
  ► KTB253 THEATRE HISTORY: STAGING AUSTRAlia
  Key concepts and practices pertaining to Australian theatre and the twentieth century, including indigenous performance, post-colonialism, the 'Bush Drama'; tradition; and contemporary practice. The unit augments understandings developed in other Theatre History units.
Courses: KS25, KS26, KT32, KT33, IF76
Credit points: 12 Contact hours: 3 per week
Incompatible with: AAB253
Campus offered: KG Semester offered: 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 Brecht's theories of the actor.
Courses: KS25, KS26, KT32, KT33, IF76
Credit points: 12 Contact hours: 3 per week
Incompatible with: AAB258
Campus offered: KG Semester offered: 1
  ► KTB258 STUDIES IN ACTING 2
  Introduction to methods of script analysis and style analysis appropriate for a practical exploration of Shakespearean play texts. Students explore and rehearse selected scenes from a number of Shakespeare plays.
Courses: KS25, KS26, KT32, KT33, IF76
Credit points: 12 Contact hours: 3 per week
Incompatible with: AAB258
Campus offered: KG Semester offered: 2
  ► KTB271 STUDIES IN DIRECTING
  History of the development of the role of the director; theoretical study of key major directors in European tradition as well as key Australian directors. Practical work includes rehearsal techniques and problem-solving exercises.
Courses: KS25, KS26, KT32, KT33, IF76
Credit points: 12 Contact hours: 3 per week
Incompatible with: AAB271
Campus offered: KG Semester offered: 2
  ► KTB272 DRAMA & COMMUNITY CULTURAL DEVELOPMENT
  This unit introduces core concepts informing community cultural development practices, both local and international. Skills are developed through practical and theoretical enquiries into cultural action.
Courses: KS25, KS26, KT32, KT33, IF76
Credit points: 12 Contact hours: 3 per week
Incompatible with: AAB272
Campus offered: KG Semester offered: 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: KS25, KS26, KT32, KT33, IF76
Credit points: 12 Contact hours: 3 per week
Incompatible with: AAB273
Campus offered: KG Semester offered: 2
  ► KTB275 UNDERSTANDING THEATRE
  Theories of analysis: script to performance, semiotics, hermeneutics, reception studies, anthroprology, phenomenology; theatrical actions and reactions, feminist studies. Objects of analysis includes the classics, video/film, musicals, dance theatre, installations, stand-up comedy, etc.
Courses: KS25, KS26, KT32, KT33, KK52, KK53, IF76
Credit points: 12 Contact hours: 3 per week
Incompatible with: AAB275
Campus offered: KG Semester offered: 2
  ► 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: KS25, KS26, KT32, KT33, IF76
Credit points: 12 Contact hours: 4 per week
Incompatible with: AAB277
Campus offered: KG Semester offered: 1
  ► KTB278 TECHNICAL THEATRE
  Introduction to technical knowledge and skills in theatrical lighting and sound operation necessary to stage a production in a small theatre with a minimum of technical staff.
Courses: KS25, KS26, KT32, KT33, IF76, Open Elective
Credit points: 12 Contact hours: 3 per week
Incompatible with: AAB278
Campus offered: KG Semester offered: 1, 2
  ► KTB280 DRAMA AS SOCIAL ACTION
  Combination of practical and theoretical investigation into the processes 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.
UNIT SYNOPTES

Courses: KSB24, KSB25, KT32, KT33, IF76
Prerequisites: KSB214
Campus offered: KG Semester offered: 2

► KB304 FORMING KNOWLEDGE

The art taken by major principal aestheticians; the characteristics and significance of the aesthetic field; the way the arts contribute to the development of understanding and knowledge; modes of knowing, propositional knowledge and tacit understanding.

Courses: KSB24, KSB25, KT32, KT33, IF76
Credit points: 12 Contact hours: 3 per week
Incompatible with: AAB280
Campus offered: KG Semester offered: 2

 ► KB306 DIRECTING FOR THEATRE

Provides knowledge of the management including play selection, resource auditing, pre-production analyses, time, budget and resource planning, design, technical effects, and the responsibilities of health, safety and ethical issues.

Courses: KSB24, KSB25, KT32, KT33, IF76
Credit points: 12 Contact hours: 3 per week
Incompatible with: AAB304
Campus offered: KG Semester offered: 2

► KB307 WRITING FOR PERFORMANCE

Approaches the creative process of writing for the theatre. The subject provides an introduction to the principles and skills of dramatic writing in context.

Courses: KSB24, KSB25, KT32, KT33, IF76, Open Elective
Credit points: 12 Contact hours: 4 per week
Incompatible with: AAB307
Campus offered: KG Semester offered: 2

► KB308 PERFORMANCE 2

Development of a performance piece through group devising with professional guidance.

Courses: KSB24, KSB25, KT32, KT33, IF76
Prerequisites: KSB273
Credit points: 12 Contact hours: 8 per week
Incompatible with: AAB308
Campus offered: KG Semester offered: 1, 2

► KB309 PERFORMANCE 3

This final year elective unit provides Theatre Students with an opportunity to collectively manage and perform a public season of an original production or series of smaller performances. Students themselves take on the various roles and responsibilities of production management.

Courses: KSB24, KSB25, KT32, KT33, IF76
Credit points: 12 Contact hours: 6 per week
Incompatible with: AAB309
Campus offered: KG Semester offered: 2

► KB310 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 practice in acting for performance by introducing major theoretical issues in contemporary cultural analysis and developing advanced acting skills.

Courses: KSB24, KSB25, KT32, KT33, IF76
Credit points: 12 Contact hours: 3 per week
Incompatible with: AAB310
Campus offered: KG Semester offered: 1

► KB414 DRAMA CURRICULUM STUDIES 1

Students develop planning and teaching skills in selected curriculum areas; the nature of the curriculum area/discipline and its role and contribution to educational and social frameworks; introduction to relevant syllabi and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experiences.

Courses: ED50, KT33, IF76
Credit points: 96 credit points in each relevant discipline area
Incompatible with: AAB414
Campus offered: KG Semester offered: 2

► KB415 DRAMA CURRICULUM STUDIO

Extends KB412; 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: ED55, KT33, IF76
Prerequisites: KSB414
Credit points: 12 Contact hours: 5 per week
Incompatible with: AAB415
Campus offered: KG Semester offered: 2

► KT2004 CONTEMPORARY AESTHETIC DEBATES

An introduction to modern aesthetic debates that inform contemporary art practice. The unit addresses philosophical discourse on art from Kant to post-modern theories. The unit will therefore enhance, extend and update knowledge of the nature of art in the contemporary context.

Courses: KKB24, KKB53, KKB53
Credit points: 12 Contact hours: 3 per week
Incompatible with: AAB404
Campus offered: KG Semester offered: 2

► KB5005 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 writing since 1968.

Courses: KKB24, KKB53
Credit points: 12 Contact hours: 3 per week
Incompatible with: AAB500
Campus offered: KG Semester offered: 2

► KB5006 VISUAL & PERFORMING ARTS OF ASIA

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: KKB24, KKB53, ED50, IF78
Credit points: 12 Contact hours: 3 per week
Incompatible with: AAB506
Campus offered: KG Semester offered: 2

► KB7002 AUSTRALIAN AND INDIGENOUS ART

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: KKB24, KKB53, ED50, IF78
Credit points: 12 Contact hours: 3 per week
Incompatible with: AAB506
Campus offered: KG Semester offered: 2

► KB7003 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 introducing 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: KKB24, KKB53
Credit points: 12 Contact hours: 3 per week
Incompatible with: AAB506
Campus offered: KG Semester offered: 1, 2

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KV7874 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 issues 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 backbone to current debates and theories in the field of spatial culture and public art.

Courses: KV25, KV32
Credit points: 12
Contact hours: 3 per week
Incompatible with: AAB704
Campus offered: KG
Semester offered: 1, 2

KV7872 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 individual's awareness of the conceptual, historical and philosophical contexts concerning artists and the artworks is heightened. (Prerequisite for entry to Honours 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, ED26, ED50
Credit points: 12
Contact hours: 3 per week
Incompatible with: AAB715
Campus offered: KG
Semester offered: 1

KV7870 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 self workshop practices, safe studio work habits and appropriate professional skills. Introductions to technological art-forms.

Courses: KV25, KV32, IF78
Credit points: 24
Contact hours: 12 per week
Incompatible with: AAB740
Campus offered: KG
Semester offered: 2

KV7874 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 and appropriate professional skills.

Courses: KV25, KV32, IF78
Credit points: 24
Contact hours: 12 per week
Incompatible with: AAB741
Campus offered: KG
Semester offered: 2

KV7872 STUDIO ART PRACTICE 3
In consultation with studio staff, students formulate a program of work for the semester that 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 projects.

Courses: KV25, KV32, IF78
Credit points: 24
Contact hours: 12 per week
Incompatible with: AAB742
Campus offered: KG
Semester offered: 1

KV7874 STUDIO ART PRACTICE 4
The conditions of current cultural practice, their production, reception and contribution are extremely diverse, increasingly complex and multi-layered. Sustained critical involvement and further development to artistic conceptual pursuits will be underpinned by contemporary theoretical reference which includes investigation into a broad range of artists' practice and processes. Embedded in the key representation process are the conventions and influences of historical, cultural, social and environmental contexts that shape the traditions of drawing for fashion.

Courses: KI25, KI32
Prerequisites: KV785
Corequisites: None
Credit points: 12
Contact hours: 3 per week
Incompatible with: AAB756
Campus offered: KG
Semester offered: 2

KV7875 1/2 DRAWING FOR FASHION 1
Drawing constitutes one of the key representational systems that enables the user to encode experience. The ability to utilise the language of figurative drawing provides an important foundation for constructing and presenting fashion proposals.

Courses: KI25, KI32
Corequisites: Nil
Credit points: 6
Contact hours: 3 per week
Incompatible with: AAB757 1/2
Campus offered: KG
Semester offered: 1, 2

KV7875 2/2 DRAWING FOR FASHION 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.

Courses: KF25
Corequisites: Nil
Credit points: 6
Contact hours: 3 per week
Incompatible with: AAB758 2/2
Campus offered: KG
Semester offered: 1, 2

KV7876 1/2 FOUNDATIONS OF DRAWING FOR ANIMATION
This is a studio based unit that introduces students to media processes, strategies and traditions of drawing and associated imagery for use in animated media. The development of critical/reflective frameworks of traditional and contemporary practice underpins studio development.

Courses: KI25, KI32
Corequisites: Nil
Credit points: 12
Contact hours: 3 per week
Incompatible with: AAB755
Campus offered: KG
Semester offered: 1

KV7876 2/2 FOUNDATIONS OF DRAWING FOR ANIMATION 2
This unit will develop individual knowledge, concepts and skills to enable students to articulate and present the development of professional drawing for contemporary animation practices.
Courses: KF25
Prerequisites: KV758; Corequisites: Nil
Credit points: 12 Contact hours: 3 per week
Incompatible with: AAB759
Campus offered: KG Semester offered: 1, 2
► KV503 CLAY MATERIALS
Learn the ceramic knowledge, artistic concepts and practical/technical skills; investigation of selected historical ceramic eras; understanding of the relationship between ceramics and the maker’s culture; development of personal imagery and design.
Courses: ED22, ED26, ED50, ED51, KV25, KV32
Credit points: 12 Contact hours: 3 per week
Incompatible with: AAPS50
Campus offered: KG Semester offered: 1, 2
► KV507 PAINTING
Introducing and developing an 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, KV25, KV32, IF78
Credit points: 12 Contact hours: 3 per week
Incompatible with: AAPS50
Campus offered: KG Semester offered: 1, 2
► KV509 PHOTOGRAphIC MEDIA
Photographic practice in Visual Arts, with emphasis on techniques required in black/white processes. Darkroom and camera skills, aesthetic and conceptual aspects of photography, history of art and photography, personal approaches to the photographic practice. Students must have access to a camera for this unit.
Courses: ED22, ED26, ED50, ED51, KV25, KV32, IF78
Credit points: 12 Contact hours: 3 per week
Incompatible with: AAPS50
Campus offered: KG Semester offered: 1, 2
► KV511 PRINTMAKING
A selection of printmaking processes from the following will be undertaken: Relief processes: raised and incised surfaces i.e. lino, wood, collagraph; Intaglio processes: etching and drypoint. Monoprint; Serigrafic processes: stencils and screenprint, including photographic stencils. Concepts in traditional and contemporary printmaking will contribute to students’ production of their own art practice.
Courses: ED22, ED26, ED50, ED51, KV25, KV32, IF78
Credit points: 12 Contact hours: 3 per week
Incompatible with: AAPS50
Campus offered: KG Semester offered: 1, 2
► KWB010 COMMUNICATION FOR THE IT SPECIALIST
Concepts for Contact hours: 3 per week
Incompatible with: AAPS50
Campus offered: KG Semester offered: 1, 2
► KWB025 INTRODUCTION TO CREATIVE WRITING
Builds on the practical applications of presentation and writing skills developed in the faculty core. Focused on theories of language and communication competence in structuring and designing for various audiences; analysing documents and speech presentation; managing and improving the writing and presentation skills of staff; and preparing for staff training and consulting in these roles.
Courses: KV25, KV32, IF78
Credit points: 12 Contact hours: 3 per week
Incompatible with: MJB250
Campus offered: GP Semester offered: 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 create a series of individual document consultations and feedback on their work with industry professionals.
Courses: KV25, KV32, IF78
Credit points: 12 Contact hours: 3 per week
Incompatible with: MJB229
Campus offered: GP Semester offered: 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 be introduced to key language theory and creative writing practice.
Courses: KV25, KV32, IF78
Credit points: 12 Contact hours: 3 per week
Incompatible with: MJB250
Campus offered: GP Semester offered: 1, 2
► KWB314 CORPORATE WRITING AND EDITING
This unit can provide a capstone for the knowledge and skills developed in other writing studies. Students expand their range of genres and acquire a sophisticated understanding of working fundamentals in a computer-mediated environment. This unit will develop the ability to identify and implement sophisticated writing requirements, including identifying and reporting on a variety of writing issues; and to evaluate the efficacy of complex corporate and professional writing.
Courses: KV32
Credit points: 12 Contact hours: 3 per week
Incompatible with: MJB350
Campus offered: GP Semester offered: 1, 2
► KWB380 CREATIVE NON-FICTION WRITING
1 This unit covers the diversity of non-fiction writing, but with an emphasis on contemporary biography. While providing theoretical and critical context, the main focus of classes is to teach students to do practical biographical research and writing of their own, and either travel or review writing.
Courses: KV25, KV32, IF73, KV35
Credit points: 12 Contact hours: 3 per week
Incompatible with: MJB380
Campus offered: GP Semester offered: 1, 2
► KWB381 CREATIVE NON-FICTION WRITING
2 This unit aims to produce writers who are competent in a variety of non-fiction writing modes, including review writing, literary and travel writing, technical, scientific, environmental, comic/satirical, food and sports writing, as well as textbook andaccurating writing.
Courses: KV25, KV32, IF73
Credit points: 12 Contact hours: 3 per week
Incompatible with: MJB381
Campus offered: GP Semester offered: 1, 2
► KWB382 EDITING AND CREATIVE WRITING (24CP)
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 critical feedback and developmental opportunities for students to develop advanced editing skills.
Courses: KV25, KV32, IF73
Credit points: 24 Contact hours: 6 per week
Campus offered: GP Semester offered: Not offered 2002
► KWB385 CREATIVE WRITING PROJECT 1 (12CP)
This unit provides the opportunities for students to write a sustained piece of creative work, within the genre of their choice, including short fiction, poetry, scriptwriting, creative non-fiction, hyper-text 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

Courses: KV25, KV32, IF73
Credit points: 12 Contact hours: 3 per week
Campus offered: GP Semester offered: Not offered 2002
be written after familiarisation with industry demands, niches and marketing possibilities. Courses: KW25, IF93

Prerequisites: Available to Creative Writing majors only.

Credit points: 12 Contact hours: 3 per week Incompatible with: MJB395

Campus offered: GP Semester offered: 2

► KWB396 CREATIVE WRITING PROJECT I [LPS1]

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 piece of creative work, within the genre of their choice, including short fiction, poetry, scriptwriting, non-fiction and hypertext/interactive narrative, under supervision.

Courses: KW25 Prerequisites: Final semester BFA Creative Writing majors only.

Credit points: 36 Contact hours: 6 per week Campus offered: GP Semester offered: 2

► KWB399 THE WRITING AND PUBLISHING INDUSTRY

The ability to function within the literary and cultural industries is integral to being a writer, as is an understanding of the workings of the various professional areas of publishing, funding, writers festivals, marketing, the media and writing for public corporations and private institutions.

Courses: KW25, KW32, IF93, KW35 Prerequisites: 96 credit points of undergraduate study.

Credit points: 12 Contact hours: 3 per week Incompatible with: MJB399

Campus offered: GP Semester offered: 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 letters. This unit explores a strong ground- ing in analysing a major branch of inter- national writing and develops skills in textual and cultural analysis.

Courses: KW25, KW32, IF93 Prerequisites: 12 Contact hours: 3 per week Incompatible with: HUB625

Campus offered: KG Semester offered: 1

► KWB701 INDIGENOUS AUSTRALIAN LITERATURE

Despite the fact that it represents the indigenous culture of Australia, the oral tradition is still practised by many members of Torres Strait Islanders and has recently begun to be appreciated. By examining this tradition, its continuation to the present day and its transition into published texts, this unit seeks to open the eyes of students to a different world view.

Credit points: 12 Contact hours: 3 per week Incompatible with: HUB701

Campus offered: GP Semester offered: Not offered 2002

► 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: KW25, KW32, IF93 Prerequisites: 12 Contact hours: 3 per week Incompatible with: HUB710

Campus offered: GP Semester offered: 1

► KWB712 YOUTH WRITING

Children’s and adolescent novels within the cultural context of nineteenth and twentieth century Australian society. The textual analysis of major generic types; considers issues such as race, gender, class and regionalism in fiction for young Australians.

Courses: KW25, KW32, IF93 Prerequisites: 12 Contact hours: 3 per week Incompatible with: HUB712

Campus offered: GP Semester offered: 2

► KWB716 INTRODUCTION TO LITERARY AND CULTURAL STUDIES

Culture, which is ‘how we know or how, our own or someone else’s, contains virtually everything that we might want to know about the human condition. Yet the study of culture is not easy or straightforward. This unit focuses on culture and its role in the construction of the person and of social life. It uses historical and cross-cultural perspectives in order to throw modern life into relief.

Courses: KW25, KW32, IF93 Prerequisites: Credit points: 12 Contact hours: 3 per week Incompatible with: HUB716

Campus offered: KG Semester offered: 1

► KWB724 WONDERLANDS: LITERATURE & CULTURE IN THE 19TH CENTURY

Provides a perspective on nineteenth-century literary and cultural developments that are critical to twenty-first century culture(s). Links are made between select adolescent and adult fiction, such as Alice's Adventures in Wonderland, and today's science fiction writing and film. The unit offers an insight into the interaction of social and cultural change in literature, and the way in which those changes are mediated in popular entertainment at the start of the new century.

Courses: KW25, KW32, IF93 Prerequisites: Credit points: 12 Contact hours: 3 per week Incompatible with: HUB724

Campus offered: KG Semester offered: 1

► KWB725 POPULAR FICCTIONS, POPULAR CULTURE

Offers a historical and theoretical contextual to the developments of the term 'popular culture' and a link between the operations of the culture and its creative productions. Many 'popular' works are re-visitations of appropriations of earlier forms (for example, Medievalism and Gothic Horror) and the unit provides a cultural and generic link to prior literary traditions. It provides, as well, a critical assessment of the ways in which 'popu-lar' culture has been interpreted and the issues such a private/public space addressed.

Courses: KW25, KW32, IF93 Prerequisites: Credit points: 12 Contact hours: 3 per week Incompatible with: HUB725

Campus offered: GP Semester offered: 2

► KWB729 SHAKESPEARE, THEN AND NOW

Shakespeare is examined both in his own time and the present, with an emphasis on the dominance of this cultural icon; emphasises recent theoretical and performance strategies in Shakespearian genre studies.

Courses: KW25, KW32, IF93 Prerequisites: Credit points: 12 Contact hours: 3 per week Incompatible with: HUB729

Campus offered: GP Semester offered: 2

► KWN420 THEORIES OF HUMAN COMMUNICATION

Surveys the intellectual currents that inform the communication discipline. As communication is a multidisciplinary study, a wide range of theories, methods and contexts will be covered. This course will provide a foundation for understanding communication in a sophisticated and systematic way, and will apply that understanding to real-life business situations.

Courses: BUS51, BUS52, BS88 Prerequisites: PG only Credit points: 12 Incompatible with: CON420

Campus offered: GP Semester offered: 2

► KWP103 CREATIVE WRITING THEORY

Examines the major theories underlying and informing the practice of writing creative texts, including narrative prose and creative non-fiction and genre work. Enhances critical awareness and knowledge of writing strategies relevant to the production of a text.

Courses: KW1K1, KW1K4, KW35, KJ16, KP36 Prerequisites: Credit points: 12 Contact hours: 3 per week Incompatible with: MJP103

Campus offered: GP Semester offered: 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 a general awareness of professionalism and ethical practice.

Courses: LPP1 Prerequisites: Credit points: 12 Contact hours: 28 Campus offered: GP Semester offered: 2, 3

► 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.

Courses: LPP1 Prerequisites: Credit points: 12 Contact hours: 28 Campus offered: GP Semester offered: 2, 3

► 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 the legal and regulatory aspects of securities law, consumer credit and creditor's remedies.

Courses: LPP1 Prerequisites: LPP101, LPP102 Credit points: 12 Contact hours: 6 (on-campus mode) 2 (off-campus mode) Campus offered: GP, EXT Semester offered: 1, 2

► LPP104 COMMERCIAL LAW PRACTICE

Lawyers are often called upon to advise clients on how to plan and structure commercial trans-actions 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.

Courses: LPP1 Prerequisites: LPP101, LPP102 Credit points: 12 Contact hours: 6 (on-campus mode) 2 (off-campus mode) Campus offered: GP, EXT Semester offered: 1, 2

► LPP105 FAMILY AND ESTATES

Many people have their only contact with a lawyer when they have a will prepared or they become an administrator or a beneficiary of a deceased estate. This unit seeks to help administer a deceased estate is a good platform for developing legal drafting skills and the skill of giving legal advice in clear and concise terms. Family law practice is also one of the eight recommended areas of practice for pre-admission practical training specified by the Australasian Professional Legal Education Council.

Courses: LPP1 Prerequisites: LPP101, LPP102 Credit points: 12 Contact hours: 6 (on-campus mode) 2 (off-campus mode) per week Campus offered: GP, EXT Semester offered: 1, 2

► 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 conciliation are dealt with in the Dispute Resolution Skills unit.

Courses: LPP1 Prerequisites: LPP101, LPP102 Credit points: 12 Contact hours: 6 (on-campus) 2 (off-campus) per week Campus offered: GP, EXT Semester offered: 1, 2

► LPP107 PROFESSIONAL PROPERTY LAW

Many lawyers are regularly involved in the purchase and sale of real property and the convey-
anence of real property. Most lawyers need an ability to advise clients in respect to contracts of sale of real property and the effects on property transactions of legislation such as environmental and legislation planning.

Courses: LSB414
Credit points: 12 Contact hours: 6 per week
Campus offered: GPC Semester offered: 1, 2

► LPP108 PLACEMENT
A placement has always been regarded as a necessary part of the GradDipLegalPact. Most pre-admission vocational training regimes for the legal profession in Australia require some workplace experience. This unit involves a placement of 4 weeks that will help students to experience the dynamics of a ‘real’ legal workplace.

Courses: LSB414
Credit points: 12 Contact hours: 160 Campus offered: EXT Semester offered: 1, 3

► LSB118 LIFE SCIENCE
An introduction to the study of life processes, with cells and organisms as the central point of reference. Cellular function is described at the tissue and organ levels; the interactions of organisms at the population and community levels are used to explain fundamental concepts of ecology; the diversity of life on Earth is presented in phylogenetic and ecological terms. Molecular biology is introduced as a tool that assists both the mapping of populations and communities and the analysis of evolution.

Courses: ED50, LS37, LS50, PU43, SC01
Credit points: 12 Contact hours: 4 per week

► LSB131 ANATOMY I
Basic concepts of anatomy; overview of the structure and function of cells and tissues, and body systems as well as aspects of surface anatomy that are relevant to human movement; musculoskeletal systems.

Courses: HM42, PU40, PU43, HL40, IF62, IF73
Credit points: 12 Contact hours: 6 per week

► LSB142 HUMAN ANATOMY AND INTRODUCTORY PATHOLOGY
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, PU40, ME48, SC01
Credit points: 12 Contact hours: 5 per week

► LSB145 ANATOMY 1 & INTRODUCTORY PATHOLOGY
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
Credit points: 12 Contact hours: 5 per week

► LSB152 ANATOMY
Topics covered include the general structure and variation in cells, macroscopic and microscopic study of primary tissues and the macroscopic morphology of the organs and structures of organs - DNA.

Courses: OP42
Prerequisites: Nil Corequisites: Nil
Credit points: 12 Contact hours: 5 per week

► LSB182 BIOCHEMISTRY I
Develops an understanding of normal human structures in relation to their functions at the cellular, tissue and organ levels. This is a foundational course in anatomy and physiology for nursing students. Topics covered are: the cell, tissues; systems of the body and their functions, systemic and macroscopic topography.

Courses: NS40, NS48
Credit points: 12 Contact hours: 5 per week

► LSB231 PHYSIOLOGY
Corequisite: LSB231 - Biological principles such as homeostasis and how all systems in the body contribute to it. Topics will include cells, transport processes, cardiovascular system, cardiac electrical conduction, oxygen output, regulation of blood pressure, respiratory system, endocrine system, and pulmonary ventilation and its function.

Courses: HM42, PU40, HL40, IF62, IF73
Credit points: 12 Contact hours: 4 per week

► 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, musculology, angiography and neurology.

Courses: PU40
Prerequisites: LSB131
Credit points: 12 Contact hours: 5 per week

► LSB238 CELL AND MOLECULAR BIOLOGY I
Introduction to 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-cell recognition.

Courses: ED50, LS37, LS50, SC01
Corequisites: Students must be enrolled in or have completed LSB118
Credit points: 12 Contact hours: 4 per week

► LSB245 ANATOMY 2 & INTRODUCTORY PATHOLOGY
Lectures and practical exercises involving a basic course in anatomy, yet comprehensive in physiology of the various body systems. Application of scientific methods to the study of the general principles of life processes and the major diseases of the organ systems.

Courses: PH38
Prerequisites: LSB145
Credit points: 12 Contact hours: 5 per week

► LSB250 HUMAN PHYSIOLOGY
Topics examined include: basic mechanisms cells, fluids, electrolytes; energy metabolism; nutrients; transport mechanisms; blood; communication and excretory systems; excretion systems nervous and endocrine; maintenance systems gastrointestinal; cardiovascular; respiratory; renal; cavity; the human body and 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
Credit points: 12 Contact hours: 6 per week

► LSB255 HUMAN ANATOMY
The medically oriented biological scientist requires a detailed understanding of the 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
Prerequisites: LSB118 Corequisites: LSB250
Credit points: 12 Contact hours: 5 per week

► LSB258 HUMAN ANATOMY AND 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
Credit points: 12 Contact hours: 4 per week

► LSB275 BIOLOGICAL SCIENCE
The structures and functions of proteins, carbohydrates, lipids and nucleic acids, basic enzymology, metabolism and the role 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
Credit points: 12 Contact hours: 5 per week

► LSB282 BIOLOGY 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
Credit points: 12

► LSB306 BIOCHEMISTRY
Focuses on those molecules, 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, LS37, SC01
Corequisites: PCB242, LSB238
Credit points: 12 Contact hours: 4 per week

► LSB309 INTRODUCTION TO INTELLECTUAL PROPERTY LAW
Intellectual property protection has become 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 fundamental importance to persons intending to practice in the emerging fields of science.

Courses: LS50, SC01
Credit points: 12 Contact hours: 4 per week

► LSB321 SYSTEMATIC PATHOLOGY
Diseases of the organ systems: cardiovascular, respiratory, alimentary, urogenital, nervous musculoskeletal, endocrine, haematological and skin.

Courses: PH38
Corequisites: LS221
Credit points: 8 Contact hours: 3 per week

► 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. It provides students with knowledge necessary for the medical and health care professions, as a preparation for their clinical studies.

Courses: LS37, LS50
Prerequisites: PCB242 Corequisites: LSB338
Credit points: 12 Contact hours: 5 per week

► LSB328 MICROBIOLOGY I
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: LS50, SC01
Prerequisites: PCB242 Corequisites: LB345
Credit points: 12 Contact hours: 4 per week

► LSB338 CELL AND MOLECULAR BIOLOGY 2
A continuation and expansion of the topics introduced in LSB238 Cell Biology. 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. A contrast is made between the complex genomes of eukaryotes and the simple genomes of viruses and bacteria.

Courses: LS37, LS50, SC01
Prerequisites: LSB238 Corequisites: LSB308 (SC01), LSB325 (LS37, LS50)
Credit points: 12 Contact hours: 4 per week

► LSB345 IMAGING ANATOMY
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 that are visualised by medical imaging.

Courses: PH38, PH90
Prerequisites: LSB241, LSB245
Credit points: 12 Contact hours: 4 per week

► 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 in...
courses such as biology, biochemistry, microbiology, molecular biology, nutrition and human movements. The subject is offered in conjunction with LSB458 that runs in second semester and as a prelude to the third level subjects: Advanced Physiology [LSB538] and Clinical Physiology [LSB658].

Courses:
SC01, PU40, PU43, HM42, ED50

Prerequisites: LSB131 or LSB142 or NRB270

Credit points: 12  Contact hours: 5 per week

► LSB361 FUNDAMENTALS OF MEDICINE

The theoretical basis for an understanding of the principal fields of medical care. Students must understand the nature of disease processes and the clinicians respond to them in order to: design appropriate health information services for all types of health care facilities; communicate effectively with other health professionals involved in the care of patients; assist in research and quality assurance programs in the health services. A review of the important flowers and fruits. This is a foundation unit for those intending to undertake more advanced plant biotechnology units. This unit will incorporate practical training in diagnostic pathology.

Courses:
LS37

Prerequisites: LSB255, LSB250

Credit points: 12  Contact hours: 5 per week

► LSB382 BIOSCIENCE 3

Topics covered in this third Bioscience unit include: the physiology, pathophysiology and diseases (including infectious diseases) of the nervous, gastrointestinal and renal systems; diabetes; endocrine system; muscular skeletal adaptations; posture control and balance; obesity and its effects on the body; physiological demands of exercise.

Courses: NS40, NS48  Prerequisites: LSB282

Credit points: 12  Contact hours: 5 per week

► LSB397 PLANT PHYSIOLOGY 1

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: include: seed germination and the mobilisation of seed reserves; water and mineral-nutrient uptake; photosynthesis; respiration (including water deficit, excessive light, attacks by pests and pathogens); synthesis of unique chemicals; development of flowers and fruits. This is a foundation unit for a continuation into plant biotechnology and ecolgy areas.

Courses: ED50, LS50, SC01  Prerequisites: NRB270

Credit points: 12  Contact hours: 4 per week Semester offered: 2

► LSB408 METABOLISM

The metabolic 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

Credit points: 12  Contact hours: 4 per week

► 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, project planning, laboratory design, management and feasibility. Academic and industry mentors will guide student teams through the execution of the project conceptually and monitor progress of team activities.

Courses: LS50

Credit points: 12  Contact hours: 4 per week

► LSB415 MICROBIOLOGY

A course of lectures and practicals for the health professions which covers microbiological terminology, clzening of the unit aims to incorporate practical training in diagnostic pathology.

Courses:
LS37

Prerequisites: LSB325, LSB338, MAB141

Credit points: 12  Contact hours: 5 per week

► 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 spoilers, examples of the industrial importance of microbes, and safe manipulation of pathogenic microorganisms.

Courses: SC01

Prerequisites: LSB328

Credit points: 12  Contact hours: 4 per week

► LSB435 DIAGNOSTIC MICROBIOLOGY 1

This unit builds upon foundation topics in Microbiology 1 and starts preparing the student for a career in a routine diagnostic microbiology laboratory in clinical practice. This unit emphasises a strong commitment to professional practice by: developing high level generic and specific skills in specimen processing, but focusing on the isolation and identification of key microbial agents of infectious disease, and in the interpretation and intelligent discussion of results and laboratory report writing. These advanced skills are important for effective patient management in clinical practice.

Courses: LS37  Prerequisites: LSB328

Credit points: 12  Contact hours: 5 per week

► LSB438 IMMUNOLOGY 1

The mechanisms of the immune process including the nature of antigen, antibodies, antigen-antibody reactions, antibody formation, control of the humoral and cell-mediated immune responses, hypersensitivity and allergy, immunisation of humans against infections.

Courses: SC01  Prerequisites: LSB328, LSB358

Credit points: 12  Contact hours: 5 per week

► LSB445 IMAGING ANATOMY 2

Focuses on the regional anatomy of the thorax and abdomen regions and the anatomy of the structures of the above regions that are visualised by medical imaging modalities.

Courses: PU43

Prerequisites: LSB241, LSB245, LSB345

Credit points: 12  Contact hours: 4 per week

► LSB451 HUMAN PHYSIOLOGY

A course of lectures and practicals, similar to LSB250.

Courses: PU43  Prerequisites: LSB131

Credit points: 12  Contact hours: 6 per week

► LSB458 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 LSB538 that runs in second semester and as a prelude to the third level subjects: Advanced Physiology [LSB538] and Clinical Physiology [LSB658].

Courses:
SC01, PU40, PU43, HM42, ED50

Prerequisites: LSB131 or LSB142 or NRB270

Credit points: 12  Contact hours: 5 per week

► LSB465 HISTOPATHOLOGY 1

Histopathology and cytology are essential components of pathological diagnosis and major clinical disciplines in Medical Laboratory Science. This unit aims to incorporate practical training in histology and research histology laboratories and the techniques inherent in the current practice of diagnostic cytology.

Courses: LS57

Prerequisites: LSB255, LSB365, PCB243

Credit points: 12  Contact hours: 5 per week

► LSB468 MOLECULAR BIOLOGY

Techniques for the isolation, purification and genetic engineering of nucleic acids. Includes procedures for gene detection and analysis, genetic isolation, cloning and amplification, and gene library construction and screening.

Courses: LS50, SC01

Prerequisites: LSB308, LSB338

Credit points: 12  Contact hours: 5 per week

► LSB475 DISEASE PROCESSES 4

Courses: PU34

Credit points: 12  Contact hours: 4 per week

► LSB480 PROFESSIONAL PRACTICE

The unit introduces students to a pathology laboratory. The student undertakes a two-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

► LSB492 MICROBIOLOGY 3

An introductory core unit of microbiology for students of optometry; with cytology, nutrition, genetics, control of microbial populations, and principles of taxonomy in relation to optometry.

Courses: OP42

Credit points: 12  Contact hours: 4 per week

► LSB497 PLANT MOLECULAR BIOLOGY

This 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; pathogens which manipulate plant cells; biosynthesis of important and interesting products.

Courses: LS50, SC01

Prerequisites: LSB338 Corequisites: LSB468

Credit points: 12  Contact hours: 4 per week

► LSB508 ADVANCED METABOLISM

Detailed information is provided on the catalytic 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. The unit introduces the concept of metabolism including production of mixed conjugates of biological significance such as amino-sugars and glycosphingolipids, and a hormonal regulation of metabolism.

Courses: SC01

Prerequisites: LSB408

Credit points: 12  Contact hours: 5 per week

UNIT SYNOPSIS
UNIT SYNOPSIS

**LSB509 MEDICAL BIOTECHNOLOGY 1**
Students undertaking Medical Biotechnology should develop an understanding of diagnosis and therapies in the commercial environment of biotechnology. The sister unit of LSB509 is LSB609 which presents the current state of research in biotechnology that facilitates the investigation or treatment of human health. This unit provides a detailed understanding of the common erythrocyte disorders and introduces the concepts of anaemia and its diagnosis. It introduces the important principles of the hematology section of a pathology department.

**Courses:**
- LSB509
- Prerequisites: LSB468
- Credit points: 12
- Contact hours: 4 per week

**LSB525 CLINICAL BIOCHEMISTRY 1**
This course, along with LSB425 (Clinical Biochemistry 2) provides the graduating scientists with sufficient biochemical knowledge and laboratory experiences 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:**
- LSB525
- Prerequisites: LSB425
- Credit points: 12
- Contact hours: 5 per week

**LSB527 BIOMEDICAL RESEARCH TECHNOLOGIES**
This unit complements the study of nucleic acid biology and molecular technologies studied in LSB598, by providing an understanding of the methodology and application of those protein-based technologies that are important in biomedical research and diagnostic investigations.

**Courses:**
- LSB527
- Prerequisites: LSB425
- Credit points: 12
- Contact hours: 5 per week

**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:**
- LSB528
- Prerequisites: LSB428
- Credit points: 12
- Contact hours: 4 per week

**LSB535 MICROBIAL IMMUNOLOGY**
This unit builds on the concepts developed in Immunology 1 to introduce students to the life cycle of a variety of pathogens, particularly viruses, and the mechanisms employed by a host to avoid infection.

**Courses:**
- LSB535
- Prerequisites: LSB430, LSB438
- Corequisites: LSB508
- Credit points: 12
- Contact hours: 4 per week

**LSB537 GENETIC ENGINEERING**
Lectures and practical classes designed to develop concepts and skills in the recombinant DNA technologies used in genetic engineering. Lecture topics include the enzymes, vectors and host cells for gene cloning and expression; strategies and procedures for cellular transformation and plasmid library construction; nucleic acid hybridisation techniques; and methods of screening for recombinant clones using radioactive and non-radioactive gene probes.

**Courses:**
- LSB537
- Prerequisites: LSB468
- Credit points: 12
- Contact hours: 5 per week

**LSB547 BACTERIAL PATHOGENESIS**
Courses in biochemistry and cell biology dealing with the characteristics, isolation and identification of bacteria implicated in human disease; the collection and examination of clinical specimens; the initial use of the clinical microbiologist in bacterial identification and antibiotic sensitivity tests on laboratory isolates; the interpretation and reporting of results.

**Courses:**
- LSB547
- Prerequisites: LSB428
- Credit points: 12
- Contact hours: 5 per week

**LSB555 HAEMATOLOGY 1**
This course uses modern techniques in 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 diagnosis. The unit provides a detailed understanding of the common erythrocyte disorders.

**Courses:**
- LSB555
- Prerequisites: LSB425
- Credit points: 12
- Contact hours: 5 per week

**LSB558 ADVANCED PHYSIOLOGY**
Divided into 2 areas: a lecture course on recent advances in physiological knowledge and a practical component designed to develop experimental design. Using an emphasis on current research developments, selected physiological areas including the molecular and neurophysiological systems, will be considered in detail to extend prior knowledge of physiology. The practical course introduces aspects essential for the correct design of scientific experiments.

**Courses:**
- LSB558
- Prerequisites: LSB425
- Credit points: 12
- Contact hours: 5 per week

**LSB565 HISTOPATHOLOGY 1**
Histopathology is an essential component of pathology and one of the major clinical disciplines in Medical Laboratory Science. Students are introduced to the practical approaches and methods of handling histopathological specimens. Students acquire sufficient scientific and technical expertise to enable them to understand and to understand a range of techniques used routinely in clinical histopathology and histology research laboratories.

**Courses:**
- LSB565
- Prerequisites: LSB525, LSB535, LSB468
- Credit points: 12
- Contact hours: 5 per week

**LSB568 ELECTRON MICROSCOPY**
A theoretical and practical background to the operation and use of scanning and transmission electron microscopes in biological, materials and forensic science; basic principles of specimen preparation with emphasis on methods complementary to biology, microbiology and molecular biology; analytical capabilities of electron beam instruments.

**Courses:**
- LSB568
- Prerequisites: LSB525, LSB535, LSB468
- Credit points: 12
- Contact hours: 5 per week

**LSB577 PLANT BIOTECHNOLOGY 1**
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 these technologies, techniques and breadth of applications is essential as a basis for anyone planning a career in plant biotechnology. In this unit, students will gain a broad perspective of growth and development 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 learning to provide a basis for the more advanced applications presented in Plant Biotechnology II.

**Courses:**
- LSB577
- Prerequisites: LSB468
- Corequisites: LSB537
- Credit points: 12
- Contact hours: 5 per week

**LSB578 VIROLOGY**
Lectures and practical classes designed to introduce students to the basic concepts of virology. A range of viral groups and diseases are examined. Topics include viral morphology and composition, taxonomy and classification, replication, purification, diagnosis and assay, transmission and control.

**Courses:**
- LSB578
- Prerequisites: LSB428
- Credit points: 12
- Contact hours: 5 per week

**LSB605 PROTEIN ENGINEERING & 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 obtained in Molecular Biology and Genetics, and introduces the special considerations that apply to different expression systems and the unique difficulties of scale-up procedures for commercial development.

**Courses:**
- LSB605
- Prerequisites: LSB468
- Credit points: 12
- Contact hours: 4 per week

**LSB607 PROTEIN PURIFICATION**
Comprehensive lectures and project work design an integrated approach to biochemical procedures including centrifugation, liquid chromatography, electrophoresis and spectrophotometry. Students develop projects in bioprospecting where they are required to design and execute their own experimental protocols for the purification and analysis of selected proteins.

**Courses:**
- LSB607
- Prerequisites: LSB308
- Credit points: 12
- Contact hours: 5 per week

**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:**
- LSB608
- Prerequisites: LSB308
- Credit points: 12
- Contact hours: 4 per week

**LSB609 MEDICAL BIOTECHNOLOGY 2**
Students undertaking Medical Biotechnology should have a thorough understanding of diagnostic and therapeutic developments, selected physiological areas and the technology behind genome projects. The sister unit of LSB609 is LSB509, which presents the molecular approaches to medical diagnostics. 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 drug development, and to the development of novel therapeutic agents, such as genes for gene therapy, and proteins and peptides for immunotherapy.

**Courses:**
- LSB609
- Prerequisites: LSB509
- Credit points: 12
- Contact hours: 4 per week

**LSB619 GENOMICS**
The completion of the Human Genome project, along with similar projects on other eukaryotic organisms, marks the beginning of a major revolution in fundamental biology that will, ultimately, reach into all aspects of human life. Students undertaking any course associated with the biotechnology, whether it be scientific investigation or related to the business or legal aspects of biotechnology requiring an appreciation of the concepts and approaches to the science and technology behind genome projects.

**Courses:**
- LSB619
- Prerequisites: LSB537
- Credit points: 12
- Contact hours: 4 per week

**LSB625 CLINICAL BIOCHEMISTRY 2**
This course of study (along with LSB525 Clinical Biochemistry 1) 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:**
- LSB625
- Prerequisites: LSB525
- Credit points: 12
- Contact hours: 5 per week

**LSB628 FOOD MICROBIOLOGY**
A unit that covers the most important 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 proponent of the safety of the food microbiology laboratory and an awareness of the dangers of working with pathogenic cultures will be fostered.

**Courses:**
- LSB628
- Prerequisites: LSB428
- Credit points: 12
- Contact hours: 4 per week
UNIT SYNOPSSES

**LSB635 CLINICAL PHYSIOLOGY**

This is a third-year level unit in clinical microbiology expanding on themes and concepts presented in Diagnostic Microbiology 1 and disease processes. This unit relates relevant literature to current research, which students are expected to be familiar with. This unit develops students' understanding of the fundamental principles of human biology, and specifically, the interaction of disease processes and human physiology.

**LSB658 IMMUNOLOGY**

This unit is designed to provide students with an understanding of the immune system. The unit explores the interactions between microorganisms and the immune system, and the implications of these interactions for clinical practice.

**LSB659 BIOTECHNOLOGY RESEARCH PROJECT**

This unit aims to enable students to acquire advanced research skills in biotechnology and to critically evaluate research findings. Students are expected to develop a research project that is relevant to the field of biotechnology.

**LSB660 RESEARCH SEMINARS IN LIFE SCIENCE 1**

A 30-minute public seminar to include a presentation and question period addressing the background to the proposed research topic in the postgraduate degree and outlining the proposed directions of the research program. The seminar normally will be presented within 12 months (full-time) or 24 months (part-time) of commencement of the postgraduate program.

**LSN014 RESEARCH SEMINARS IN LIFE SCIENCE 2**

This is an advanced level unit in clinical microbiology that will expand on topics introduced in Diagnostic Microbiology 1 and 2. This unit will complete the preparation of students for a career in a routine diagnostic microbiology laboratory by continuing to develop and refine advanced level generic and specific skills in specimen processing, isolation and identification of key microorganisms involved in infectious disease processes and in the interpretation and intelligent discussion of results and laboratory report writing, compilation and critical discussion.

**LSN016 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 study design and conduct; statistics as related to epidemiology; criteria for causal relationships; principles of screening tests; epidemiology of infectious disease; and any other topics presented in informal interlinked lectures and tutorials. Epidemiological exercises are discussed.

**LSN033 RESEARCH SEMINARS IN LIFE SCIENCE 3**

This unit involves a small team research project undertaken by the student under the guidance of the supervisor(s). A 60-minute public seminar to include a presentation and question period addressing 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 work that has been done. Reviews should normally be approximately 5,000 words.

**LSN034 RESEARCH SEMINARS IN LIFE SCIENCE 4**

A review of literature in an area determined in consultation with the supervisor. The area can be broadly or narrowly focused but should not include any significant material covered in LSN033. 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 work that has been done. Reviews should normally be approximately 5,000 words.

**LSN035 RESEARCH SEMINARS IN LIFE SCIENCE 5**

A review of literature in an area determined in consultation with the supervisor. The area can be broadly or narrowly focused but should not include any significant material covered in LSN033. 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 work that has been done. Reviews should normally be approximately 5,000 words.

**LSN036 RESEARCH SEMINARS IN LIFE SCIENCE 6**

A review of literature in an area determined in consultation with the supervisor. The area can be broadly or narrowly focused but should not include any significant material covered in LSN033. 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 work that has been done. Reviews should normally be approximately 5,000 words.

**LSN037 RESEARCH SEMINARS IN LIFE SCIENCE 7**

A review of literature in an area determined in consultation with the supervisor. The area can be broadly or narrowly focused but should not include any significant material covered in LSN033. 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 work that has been done. Reviews should normally be approximately 5,000 words.

**LSN038 RESEARCH SEMINARS IN LIFE SCIENCE 8**

A review of literature in an area determined in consultation with the supervisor. The area can be broadly or narrowly focused but should not include any significant material covered in LSN033. 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 work that has been done. Reviews should normally be approximately 5,000 words.
UNIT SYNOPSIS

atory service. Each student submits a written project report in a style to present the data.

Credit points: 48

► LSN711 PROJECT 1
See LSN710.

Courses: LSN70, LSN80

Credit points: 24

► LSN712 PROJECT 2
See LSN710.

Courses: LSN70, LSN80

Credit points: 24

► LSP127 BUSINESS ASPECTS OF BIOTECHNOLOGY
Commercial perspectives of a biotechnology company; funding for commercial research; re-

search patents and intellectual property; GMAC/recombinant DNA guidelines and regu-
lations; overview of Australian biotechnology companies; site visits to one or two biotech-
nology companies.

Courses: LST70, LST80

Credit points: 12 Contact hours: 5 per week

► LSP130 DIAGNOSTIC TECHNOLOGIES
Methods for diagnosing both infectious and ge-

netic diseases are revolutionising the approach to diagnos-
is of many diseases. QUT is well placed to in-

roduce students to state-of-the-art diagnostic tech-
nologies, however the lead site for the CRC for Diag-
nostic technologies.

Courses: LST70, LST80

Credit points: 12 Contact hours: 4 per week

► LWB136 CONTRACTS A
Fundamental features of a contract; consideration; equitable estoppel; privity of con-

tract; formalities; express and implied terms. An examination of promises that are le-
gal and those that are not, how contractual promises may be characterised and the signifi-
cance of that characterisation. Topics include formation of contracts; equitable estoppel; privity; formalities; terms.

Courses: LWS3, LWS4, LWS6, LWS7, LWS70, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

Credit points: 12 Contact hours: 3 per week Incompatible with: LWB102, LWB132

Campus offered: GP Semester offered: 1, 2

► LWB137 CONTRACTS B
Discharge of contracts (performance, breach, acquiescence, remedies); voiding fac-
tors (misrepresentation, mistake, undue influence, duress, unconscionable contracts, il-
legality); examination of how and when contrac-
tual promises may be discharged or invalidated.

Topics include discharge; performance; agree-

ment; frustration; remedies; vitiating factors (misrepresentation, mistake, undue influence, duress, unconscionable contracts, illegality).

Courses: LWS3, LWS4, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

Prerequisites: LWB136

Credit points: 12 Contact hours: 3 per week Incompatible with: LWB102, LWB132

Campus offered: GP Semester offered: 2, 3

► LWB138 FUNDAMENTALS OF TORTS
The law of torts is of primary importance in un-

derstanding how the Australian legal system op-
erates and the important impact of this context on Australian law and legal practice. The unit will introduce and explain the fundamental struc-
tural and principles of General Civil Procedure, Comparative Law, Public International Law and Private International Law; and examine their relevance to contemporary le-
gal practice in Australia.

Courses: LWS3, LWS4, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

Credit points: 12 Contact hours: 3 per week Incompatible with: LWB101, LWB131

Campus offered: GP Semester offered: 2

► LWB231 INTRODUCTION TO PUBLIC LAW
The basic institutions of government; the execu-
tive, 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: LWS3, LWS4, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

Credit points: 12 Contact hours: 3 per week Incompatible with: LWB203, LWB311

Campus offered: GP Semester offered: 1

► LWB235 AUSTRALIAN FEDERAL CONSTITUTIONAL LAW
The constitutional arrangements effectuated by the Commonwealth Constitution; the structure and institutions of the constitution; the division of powers between Commonwealth and state governments; and relations between the different levels of government; emphasis to Commonwealth legislative powers, executive and judicial powers.

Courses: LWS3, LWS4, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

Prerequisites: LWB231 Corequisites: LWB231

Credit points: 12 Contact hours: 3 per week Incompatible with: LWB203

Campus offered: GP Semester offered: 2

► LWB236 REAL PROPERTY A
Property, rights of ownership and title are insti-

tutions at the basis of contemporary Australian society. A sound knowledge of the gen-

eral principles of property and real property law is essential for any lawyer. This unit, to-
gether 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, property rights, land and equity, land transac-
tions, and the Torrens system.

Courses: LWS3, LWS4, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

Prerequisites: LWB143, LWB240 or equivalent

Corequisites: LWB240 or equivalent

Credit points: 12 Contact hours: 3 per week Incompatible with: LWB201, LWB233

Campus offered: GP Semester offered: 1

► LWB237 REAL PROPERTY B
This unit continues the examination of the gen-

eral principles of real property law commenced in Real Property A. Topics include: co-

ownership of land, leases, mortgages, easements, freedom of covenants, and community titles schemes.

Courses: LWS3, LWS4, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

Prerequisites: LWB236

Credit points: 12 Contact hours: 3 per week Incompatible with: LWB201, LWB233

Campus offered: GP Semester offered: 2

► LWB238 FUNDAMENTALS OF CRIMINAL LAW
An understanding of the principles of Criminal Law of fundamental importance as it impinges upon almost every aspect of domestic, com-

mercial, corporate and public activity in Queensland. The aim of this unit is to introduce stu-
dents to the functions of the laws of crimes and the rights and duties of the accused and the victims of crime in Queensland.

Courses: LWS3, LWS4, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

Prerequisites: LWB141 Corequisites: LWB141

Credit points: 12 Contact hours: 3 per week Incompatible with: LWB104, LWB134

Campus offered: GP Semester offered: 2

► LWB144 LAWS AND GLOBAL PERSPECTIVES
This unit is designed to give students an under-

standing 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 struc-
tural and principles of Global Comparative Law, Public International Law and Private International Law; and examine their relevance to contemporary le-
gal practice in Australia.

 Courses: LWS3, LWS4, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

Credit points: 12 Contact hours: 3 per week Incompatible with: LWB101, LWB131

Campus offered: GP Semester offered: 2

► LWB145 LAWS AND GLOBAL PERSPECTIVES
This unit is designed to give students an under-

standing 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 struc-
tural and principles of Global Comparative Law, Public International Law and Private International Law; and examine their relevance to contemporary le-
gal practice in Australia.

 Courses: LWS3, LWS4, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

Credit points: 12 Contact hours: 3 per week Incompatible with: LWB101, LWB131

Campus offered: GP Semester offered: 2
UNIT SYNOPSIS

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
Credit points: 12 Contact hours: 3 per week Incompatible with: LWB202, LWB232
Campus offered: GP Semester offered: 1

► LWB339 CRIMINAL RESPONSIBILITY
The theoretical and empirical study of the principles and skills explored in LWB328 by developing an understanding of the way criminal responsibility is imposed through the complicity provided by information in the Australian 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: LWB328
Credit points: 12 Contact hours: 3 per week Incompatible with: LWB202, LWB232
Campus offered: GP Semester offered: 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 the Australian 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 the sections 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
Credit points: 12 Contact hours: 3 per week Incompatible with: LWB301, LWB234
Campus offered: GP Semester offered: 1

► LWB241 TRUSTS
Trusts are a fundamental institution of ownership of property in equity and they are used for various purposes including estate planning, commercial, and charitable purposes. A knowledge and understanding of the trust in its various forms and the equitable principles of property transfer are fundamental in understanding the impact of the principles of equity in the area of property ownership and rights. 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
Credit points: 12 Contact hours: 3 per week Incompatible with: LWB301, LWB234
Campus offered: GP Semester offered: 2

► LWB330 PRINCIPLES OF LAW
The manner in which the law treats the special social relationships that exist among members of a family and transforms them into legal rights and duties. The family as a legal phenomenon; methods of dispute resolution in family law; the 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
Credit points: 12 Contact hours: 3 per week Campus offered: GP Semester offered: 2

► LWB336 PLANNING LAW
The study of the relationship between the law relating to town planning and development assessment in Queensland and the policy considerations that have influenced it. An understanding of the statutory framework of the course will be on the Integrated Planning Act 1997 and planning documents made under this legislation. A range of topical issues will be covered including development assessment system, infrastructure, dispute resolution, compensation and existing use rights.

Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Credit points: 12 Contact hours: 3 per week Campus offered: GP Semester offered: 2

► LWB337 PRINCIPLES OF 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 only
Credit points: 12 Contact hours: 3 per week Incompatible with: LWB330
Semester offered: 1

► LWB333 THEORIES OF LAW
Legal practice requires an understanding and appreciation of its philosophical and theoretical foundations, as these guide the policies and in- formations changes to industrial and employment law, with a focus on 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 Management Act 1997 and Land Sales Act 1984.

Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Credit points: 12 Contact hours: 2 per week
Campus offered: GP Semester offered: 1

► 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
Credit points: 8 Contact hours: 2 per week
Campus offered: GP Semester offered: 2

► 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 Management Act 1997 and Land Sales Act 1984.

Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Credit points: 12 Contact hours: 2 per week
Campus offered: GP Semester offered: 2

► 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 relevant provisions of the Corporations Law. An examination of the law and policy with respect to discrimination and equal opportunity in Australia; relevant international treaties and relevant provisions of the Corporations Law.

Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Credit points: 12 Contact hours: 3 per week
Campus offered: GP Semester offered: 2

► LWB331 ADMINISTRATIVE LAW
Examines the law relating to judicial review of administrative action of 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
Credit points: 12 Contact hours: 3 per week Incompatible with: LWB331
Campus offered: GP Semester offered: 2

► LWB332 COMMERCIAL & 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: LWB431
Credit points: 8 Contact hours: 2 per week
Campus offered: GP Semester offered: 2

► LWB356 ADVOCACY
Advocacy is the art of persuasion in Court and before Tribunals. This unit concentrates on developing advocacy skills, namely analysis, preparation and performance. Students are required to participate in 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

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Credit points: 8  Contact hours: 2 per week  Semester offered: 2

**LWB364 TAXATION LAW**
Examines the principles relating to the powers of the Australian government to impose tax as a means of raising revenue and the consequences of unpaid tax and tax avoidance. Students will learn about tax planning, the Australian and International Tax Systems, and the taxation of individuals and companies. The unit covers income tax, capital gains tax, goods and services tax, and superannuation tax. Credit points: 8  Contact hours: 2 per week  Semester offered: 2

**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 of the company: the board of directors and the shareholders. This unit will examine in some detail particular aspects of the law applicable to these bodies, for example the duties affecting directors; topical issues such as directors interests in contracts; the role of waiver of breaches and immunities; members rights and protection of small and public interests of the corporation; the analysis of the roles of the Australian Securities Commission and the Australian Stock Exchange; the roles of the Institutional Shareholder and so on. Prerequisites: LWB334  Credit points: 12  Contact hours: 3 per week  Semester offered: 1

**LWB368 COMPARATIVE LAW: THE US AND CANADA**
This unit will enable you to assess the Australian legal system and the legal principles which have developed in this system by comparing and contrasting the legal frameworks and legal structures in the United States and Canada. Because a useful comparison requires sufficient knowledge and understanding of the legal systems (LWB235 Australian Federal Constitutional Law is a prerequisite), this elective should be undertaken in the second year of the law degree or in later years. Prerequisites: LWB235  Credit points: 12  Contact hours: 3 per week  Semester offered: 2

**LWB406 FUNDAMENTALS OF PUBLIC INTERNATIONAL LAW**
The legal rules that govern the activities of nations and the role of international organisations by international organisations, such as the UN. The creation of international law and its sources: treaties, customary law, and general principles of law. The concept of international legal personality: statehood, self-determination, and recognition. The effects of international law: sovereignty, jurisdictional responsibility. The law of armed conflict. Prerequisites: LWB334, LWB407, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93  Credit points: 12  Contact hours: 2 per week  Semester offered: 1

**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 of personal status and the content of foreign judgments in the domestic jurisdiction; choice of law for the resolution of the dispute, both generally and in relation to specific questions, contract, tort, property and succession. This unit assumes a basic knowledge of these areas of law and is therefore best taken as a final year unit. Prerequisites: LWB334, LWB406, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93  Credit points: 12  Contact hours: 3 per week  Semester offered: 2

**LWB418 COMPETITION MOOT**
Competition Mooting is a challenging area of legal education. If you have completed the core units in first and second year, enjoy working under pressure and have participated in at least one
UNIT SYNOPTES

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 will help you understand the relevant legal systems. It introduces students to the different legal cultures of the region, and study is structured to bring out the similarities and 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 they developed, and the form of structures of government before examining whether there is a gap between 'law in books' and 'law in practice'. Among the countries studied are China, Japan, Taiwan, Indonesia, Malaysia and Singapore.

Credit points: 8 Contact hours: 2 per week Semester offered: 2002

LWB454 BANKING AND FINANCE LAW
This unit deals with the principal areas of activity of banking and finance, the international commercial and consumer transactions. It covers the banker-customer relationship including the Banking Code of Practice, examples governing the operation of and liability in relation to negotiable instruments, the liability of financial institutions with respect to misappropriated cheques, dealing in shares and managing share and garnishee orders, credit and debit cards, and the Electronic Funds Transfer Code.

Courses: LWB3, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Credit points: 8 Contact hours: 2 per week Semester offered: 2002

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 topical issues as legal interviewing, family and criminal law practice, professionalism and legal writing.

This unit has a quota limit. Credit points: 8 Contact hours: 1 per week Semester offered: 2002

LWB458 LAW & INFORMATION TECHNOLOGY
This unit examines the law governing computer software (copyright, patents, trademarks, designs, circuit layout), hardware acquisition agreements, software licensing and development agreements, electronic commerce, the Internet, public and private security, privacy and censorship, internet civil and criminal liability, and risk management.

Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Credit points: 8 Contact hours: 2 per week Semester offered: 2002

LWB482 LAW & INFORMATION TECHNOLOGY
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
Credit points: 8 Contact hours: 2 per week Semester offered: 2002

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, IF40, IF41, LW33, LW41, LW42, JS25
Credit points: 8 Contact hours: 2 per week Semester offered: 2002

LWB484 ENVIRONMENTAL LAW
An introduction to environmental law in Queensland. Socio-legal, natural and environmental development of environmental law in Queensland; the concepts of environmental law (for example property, administrative control, law and policy, planning, consent, licensing, environmental impact assessment) and the role of government in preventing environmental degradation and pollution; protecting the environment: managing the environment: conservation; ecologically sustainable development; enforcement of environmental law; the role of the Commonwealth.

Courses: IF35, IF36, IF37, IF38, IF40, IF41, LW33, LW41, LW42, JS25
Credit points: 8 Contact hours: 2 per week Semester offered: 2002

LWB486 INTELLECTUAL PROPERTY LAW
This elective unit provides an introduction to the most significant of the laws 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
Credit points: 8 Contact hours: 2 per week Semester offered: 2002

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 charterpasties and bills of lading, international rules governing the sea car-
riage of cargo (the amended Hague Rules and Hamburg Rules) and marine insurance, as well as an examination of the conduct of ships such as collisions, salvage, oil pollution and limitation of liability.

Campus offered: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Prerequisites: LWB132 or equivalent; and LW50, LW60
Credit points: 8 Contact hours: 2 per week
Semester offered: Not offered 2002

► LWB492 SECURITIES

Examines securities interests commonly taken by providers of credit when advancing money. One of the more common securities obtained by lenders 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 for the first half of the course. Other securities examined are guarantees, bills of sale over personal property and possession 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. Various provisions of the Trade Practices Act 1974 as they affect the validity and enforcement of securities will also be considered.

Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Prerequisites: LWB232 or equivalent
Credit points: 12 Contact hours: 3 per week
Semester offered: Not offered 2002

► 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 discretion, 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 AND JSB024 or equivalent
Credit points: 12 Contact hours: 3 per week
Semester offered: GP Semester offered: 1

► LWN017 RESTITUTION

To consider the relationship of restitution with other areas of law concerning the recovery of property. Emphasises both theoretical and practical aspects of the relationship of law to the concept of restitution, the relationship of restitution to crime, and the relationship of restitution to the principles of property law. This unit will be of particular relevance to the field of insurance law, property law and company law.

Courses: LW51, LW60
Credit points: 12 Contact hours: 2 per week
Semester offered: Not offered 2002

► LWN018 CONTEMPORARY EQUITABLE DOCTRINES AND PRINCIPLES & REMEDIES

Aspects of the principles of equity in the context of corporate and commercial issues including the creation of trusts, the nature of equitable proprietary interests and proprietary remedies for the recovery of property in equity, including equitable charges and liens and various aspects of tracing in equity, particularly in the context of bankruptcy and insolvency. Some aspects of the rights and remedies available in these various aspects of tracing in equity will be examined.

Courses: LW51, LW60
Credit points: 12 Contact hours: 2 per week
Semester offered: Not offered 2002

► LWN036 SELECT ESSAY/UNIT: INTELLECTUAL PROPERTY LAW

This unit examines a range of contemporary issues in the broad field of intellectual property law. Topics covered may include: Copyright protection for digital works; the Copyright Law Review Committee (CLRC) Reports; defences in relation to computer program (reverse engineer) protection; 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 commercial programs; current law in trade marks (including domain names and geographically indications). It will be expected that students have a sound understanding of the area of intellectual property regimes. Thus it is recommended that students complete LWN 099 Intellectual Property Law (or an equivalent) prior to commencing this unit.

Courses: LW51, LW60
Credit points: 12 Contact hours: 26 Semester offered: Not offered 2002

► LWN039 APPLIED CRIMINOLOGY

Expands knowledge of theories of crime and an understanding of crime as a discipline. In particular, the unit will examine the interface between criminology and crime prevention strategies, white collar crime, criminal careers and the over-representation of indigenous people in the criminal justice system.

Courses: LW51, LW50, LW60
Credit points: 12 Contact hours: 2 per week
Semester offered: KG Semester offered: 1

► LWN040 THEORIES OF JUSTICE 1

Centrally concerned with and/or clarifying the assumptions which underpin arguments about what is just or unjust within various spheres of human life and their implications/applications as well as the various theories of justice in terms of their theoretical implications and practical applications. The unit focuses on the interface between justic postmodernism and the law.

Courses: LW51, LW50, LW60
Credit points: 12 Contact hours: 2 per week
Semester offered: GP Semester offered: 1

► LWN042 THEORIES OF JUSTICE 2

Extends and develops the framework introduced in Theories of Justice 1. 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. The unit explores the development of emotional and moral reasoning as a backdrop to the larger theme 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 produce a range of evaluations which are in line with the degree of justice in relation to a particular social problem within the realm of legal and public policy.

Courses: LW51, LW50, LW60
Credit points: 12 Contact hours: 2 per week
Semester offered: GP Semester offered: 2

► LWN043 LAW OF COMPANY TAKEOVERS

Consideration of Chapter 6 of the Corporations Law that regulates acquisitions of shares that affect a change in a company’s control. Both pract...
UNIT SYnopSes

LWN045 LAW RELATING TO PUBLIC & OFFICIAL CORRUPTION
Concept of public duty; response of the general law; differentiation models; investigation and prosecution of official corruption from the perspective of the Criminal Law.
Campus offered: LW51, LW60
Credit points: 12
Contact hours: 26
Semester offered: Not offered 2002

LWN046 ADVANCED PLANNING LAW
A detailed study of town planning law with special reference to Queensland legislation, in particular the Integrated Planning Act 1997 and Regulations, and Legislation relevant to major/significant development projects.
Campus offered: LW51, LW60
Credit points: 12
Contact hours: 2 per week
Semester offered: Not offered 2002

LWN047 LEGAL EDUCATION
This unit involves an introduction to the main schools of thought on legal education. A review of contemporary thought such as feminist legal theory will be made. The unit also deals at length with the presentation and defence of research including the respective roles of research and teaching in 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.ﾃacceptable research objectives will be considered for attention, for example research in government or for law reform.
Courses: LW50, LW51, LW60
Credit points: 12
Contact hours: 26

LWN049 INTERNATIONAL ENVIRONMENTAL LAW
The development of international environmental law; fundamental principles and rules; creation of international environmental law; implementation and enforcement of international environmental law; international dispute resolution in the environmental field; current issues for international environmental lawyers including climate change, relationship with other areas of international law and the role of civil society.
Courses: LW50, LW51, LW60
Credit points: 12
Contact hours: 26

LWN050 RESTRICTIVE TRADE PRACTICES LAW
Concerned with an analysis of those sections of the Trade Practices Act 1974 (Cwlth) dealing with the regulation of anti-competitive conduct and the regulation of access to services that are essential to compete in upstream and downstream markets. The main emphasis will be on the regulation of horizontal conduct including, anti-competitive horizontal agreements, horizontal joint ventures, horizontal mergers, exclusive dealing, resale price maintenance, intellectual property licences, franchising and taking advantage of market power. After considering the substantive prohibitions, the final part of the unit is concerned with remedies and defences and the role played by the Australian Competition and Consumer Commission, the Australian Competition Tribunal and the Courts.
Courses: LW50, LW51, LW60
Credit points: 12
Contact hours: 2 per week

LWN051 CONSUMER PROTECTION & PRODUCT LIABILITY
This unit is divided into two main parts. The first part considers the statutory and common law actions that are available to protect consumers from misleading or deceptive conduct and unfair marketing practices. Emphasis is given to the role played by the Trade Practices Act in relation to canvassing consumer representations, fines for 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: LW50, LW51, LW60
Credit points: 12
Contact hours: 2 per week

LWN053 RESEARCH PROJECT 1B
See LWN053 RESEARCH PROJECT 1A
Courses: LW50, LW51, LW60
Prerequisites: LWN025
Credit points: 12

LWN056 RESEARCH PROJECT 1C
See LWN025.
Courses: LW50, LW51, LW60
Prerequisites: LWN025, LWN053
Credit points: 12

LWN057 RESEARCH PROJECT 1D
See LWN025.
Courses: LW50, LW51, LW60
Prerequisites: LWN025, LWN053, LWN056
Credit points: 12

LWN058 RESEARCH PROJECT 2B
See LWN026.
Courses: LW50, LW51, LW60
Prerequisites: LWN026
Credit points: 24

LWN060 ENVIRONMENTAL LEGAL SYSTEM
An overview 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 ways in which the law accommodates private interests and the public interest. Included are pollution control, environmental impact assessment, environmental management, and conservation of the natural and cultural environments.
Courses: IF64, LW51, LW60
Credit points: 12
Contact hours: 2 per week
Semester offered: GP

LWN061 NATURAL RESOURCES LAW
The principles and concepts of natural resources law including 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 legislation relevant to major/significant development projects.
Courses: IF64, LW50, LW51, LW60
Credit points: 12
Contact hours: 2 per week
Semester offered: Not offered 2002

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: LW50, LW51, LW60
Credit points: 12
Contact hours: 2 per week
Semester offered: GP

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: LW50, LW51, LW60
Credit points: 12
Contact hours: 2 per week
Semester offered: GP

LWN064 THEORIES OF CONTEMPORARY LEGAL CRITIQUE
The influence upon legal, political and institutional reform of contemporary legal critiques, especially of race, gender, culture/ethnicity and class.
Courses: LW51, LW60
Prerequisites: (Recommended) - any undergraduate unit in legal or social or political theory (Please contact the Unit Coordinator if in doubt about prerequisites)
Credit points: 12
Contact hours: 2 per week
Semester offered: Not offered 2002

LWN065 CONSTRUCTION & ENGINEERING LAW
Standard contracts used in the Australian construction and engineering industries and the legal issues confronting users of these documents; the law of contract and legislation as it applies to the construction and engineering industries at an advanced level; issues of drafting in relation to the relevant standard forms.
Courses: LW50, LW51, LW60
Credit points: 12
Contact hours: 2 per week
UNIT SYNOPSES

► LWN070 CREDIT FOR UQ SUBJECT 4 See LWN032.
Courses: LW50, LW51, LW60
Credit points: 12

► LWN071 CREDIT FOR UQ SUBJECT 5 See LWN034.
Courses: LW50, LW51, LW60
Credit points: 12

► LWN072 CREDIT FOR UQ SUBJECT 6 See LWN034.
Courses: LW50, LW51, LW60
Credit points: 24

► LWN075 INTERNATIONAL COMMERCIAL TRANSACTIONS
This unit addresses legal issues regarding the resolution of commercial disputes in an international context, with a focus on the importance of treaties, international law, and the functioning of international courts. Students will learn about the legal principles and practices involved in resolving international commercial disputes, including the role of international organizations and treaties in this context.

Courses: LW50, LW51, LW60
Credit points: 12
Contact hours: 2 per week
Incompatible with: LWN022

► LWN076 INTERNATIONAL COMMERCIAL DISPUTES
This unit addresses legal issues regarding the resolution of commercial disputes in an international context. It covers the legal principles and practices involved in resolving international commercial disputes, including the role of international organizations and treaties in this context.

Courses: LW50, LW51, LW60
Credit points: 12
Contact hours: 2 per week
Incompatible with: LWN026

► LWN077 LITIGATION EVIDENCE
This unit introduces students to the fundamental principles of evidence and evidence law, with a focus on the legal principles and practices involved in evidence and advocacy in civil trials. The unit covers the legal principles and practices involved in evidence and advocacy in civil trials, including the role of evidence and advocacy in the resolution of commercial disputes in an international context.

Courses: LW50, LW51, LW60
Credit points: 12
Contact hours: 2 per week
Incompatible with: LWN052 pre-1995
Campus offered: GP
Semester offered: Not offered 2002

► LWN0801 INTERNATIONAL PROPERTY: LITIGATION
This unit introduces students to the legal principles and practices involved in evidence and advocacy in civil trials. The unit covers the legal principles and practices involved in evidence and advocacy in civil trials, including the role of evidence and advocacy in the resolution of commercial disputes in an international context.

Courses: LW50, LW60
Credit points: 12
Contact hours: 2 per week
Incompatible with: LWN022
Semester offered: Not offered 2002

► LWN082 INTELLECTUAL PROPERTY: LITIGATION
This unit introduces students to the legal principles and practices involved in evidence and advocacy in civil trials. The unit covers the legal principles and practices involved in evidence and advocacy in civil trials, including the role of evidence and advocacy in the resolution of commercial disputes in an international context.

Courses: LW50, LW60
Credit points: 12
Contact hours: 2 per week
Incompatible with: LWN022
Campus offered: GP
Semester offered: Not offered 2002

► LWN083 ESTATE PLANNING
This unit introduces students to the legal principles and practices involved in evidence and advocacy in civil trials. The unit covers the legal principles and practices involved in evidence and advocacy in civil trials, including the role of evidence and advocacy in the resolution of commercial disputes in an international context.

Courses: LW50, LW51, LW60
Credit points: 12
Contact hours: 2 per week
Incompatible with: LWN022
Campus offered: GP
Semester offered: Not offered 2002

► LWN084 INTERNATIONAL MARINE POLLUTION LAW
This unit introduces students to the legal principles and practices involved in evidence and advocacy in civil trials. The unit covers the legal principles and practices involved in evidence and advocacy in civil trials, including the role of evidence and advocacy in the resolution of commercial disputes in an international context.

Courses: LW50, LW51, LW60
Credit points: 12
Contact hours: 2 per week
Incompatible with: LWN022
Campus offered: GP
Semester offered: Not offered 2002

► LWN085 INTERNATIONAL LAW OF THE SEA
This unit introduces students to the legal principles and practices involved in evidence and advocacy in civil trials. The unit covers the legal principles and practices involved in evidence and advocacy in civil trials, including the role of evidence and advocacy in the resolution of commercial disputes in an international context.

Courses: LW50, LW51, LW60
Credit points: 12
Contact hours: 2 per week
Incompatible with: LWN022
Campus offered: GP
Semester offered: Not offered 2002

► LWN087 CONTEMPORARY ISSUES IN TORTS
This unit introduces students to the legal principles and practices involved in evidence and advocacy in civil trials. The unit covers the legal principles and practices involved in evidence and advocacy in civil trials, including the role of evidence and advocacy in the resolution of commercial disputes in an international context.

Courses: LW50, LW60
Credit points: 12
Contact hours: 2 per week
Incompatible with: LWN022
Campus offered: GP
Semester offered: Not offered 2002

► LWN089 CURRENT LEGAL PROBLEMS AFFECTING SPORTS AND THE LAW
This unit introduces students to the legal principles and practices involved in evidence and advocacy in civil trials. The unit covers the legal principles and practices involved in evidence and advocacy in civil trials, including the role of evidence and advocacy in the resolution of commercial disputes in an international context.

Courses: LW50, LW51, LW60
Credit points: 12
Contact hours: 2 per week
Incompatible with: LWN022
Campus offered: GP
Semester offered: Not offered 2002

► LWN093 BORROWERS AND SECURED LENDERS - SELECT ISSUES
This unit introduces students to the legal principles and practices involved in evidence and advocacy in civil trials. The unit covers the legal principles and practices involved in evidence and advocacy in civil trials, including the role of evidence and advocacy in the resolution of commercial disputes in an international context.

Courses: LW50, LW51, LW60
Credit points: 12
Contact hours: 2 per week
Incompatible with: LWN022
Campus offered: GP
Semester offered: Not offered 2002

► LWN095 CREDIT FOR UQ SUBJECT 7
This unit introduces students to the legal principles and practices involved in evidence and advocacy in civil trials. The unit covers the legal principles and practices involved in evidence and advocacy in civil trials, including the role of evidence and advocacy in the resolution of commercial disputes in an international context.

Courses: LW50, LW51, LW60
Credit points: 12
Contact hours: 2 per week
Incompatible with: LWN022
Campus offered: GP
Semester offered: Not offered 2002

► LWN096 CREDIT FOR UQ SUBJECT 8
This unit introduces students to the legal principles and practices involved in evidence and advocacy in civil trials. The unit covers the legal principles and practices involved in evidence and advocacy in civil trials, including the role of evidence and advocacy in the resolution of commercial disputes in an international context.

Courses: LW50, LW51, LW60
Credit points: 12
Contact hours: 2 per week
Incompatible with: LWN022
Campus offered: GP
Semester offered: Not offered 2002
UNIT SYNOPTES

borrower’s rights and the practices and procedures of secured lenders.
Courses: LW50, LW60
Credit points: 12
Contact hours: 2 per week
Campus offered: GP
Semester offered: 1

► LWN094 ENERGY LAW
Natural resource and its related subject environmental law have become significant areas of professional legal practice over the last decade or two. This unit discusses the sources of energy law; the common law rules of ownership of sources of energy; statutory ownership of sources of energy; the development of energy law for these purposes is energy law. Energy law is the law relating to the ownership, use, development and control of natural resources that 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; how the law regulates and controls the production of energy; how the law controls the distribution of energy; how the law provides for the use of energy by the community; public sector structures for developing sources of energy; the relevant sources of energy include coal, liquid hydrocarbons, gas, hydroelectricity, and water; and for this purpose energy includes gas and electricity.
Courses: LW50, LW51, LW60
Credit points: 12
Contact hours: 2 per week
Campus offered: GP
Semester offered: Not offered 2002

► LWN095 NATIVE TITLE LAW, POLICY & PRACTICE
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 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
Credit points: 12
Contact hours: 2 per week
Campus offered: GP
Semester offered: Not offered 2002

► LWN096 CAPITAL MARKETS LAW
Deals with the regulation of the securities markets in Australia, including the licensing of participants. Regulation of securities markets is a focus relating to trading of securities, and the remedies provided in relation to failures to comply with the relevant securities laws and regulations relating thereto.
Courses: LW51, LW60
Credit points: 12
Contact hours: 2 per week
Campus offered: GP
Semester offered: Not offered 2002

► LWN097 CORPORATE INSOLVENCY
Considers topics of corporate 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 of insolvency, including problems associated with statutory demands, termination of deeds of arrangement, and insurer fundings.
Courses: LW51, LW50, LW60
Credit points: 12
Contact hours: 2 per week
Campus offered: GP
Semester offered: 2

► LWN099 INTELLUCTUAL PROPERTY I
A study of the concept of Intellectual Property and the principles and policies of intellectual property law, including copyright, designs, trade marks, patents, and confidential information. Topics covered include: copyright, designs, patents, innovation patents, trade marks, passing off, breach of confidence.
Courses: LW51, LW50, LW60
Credit points: 12
Contact hours: 26

► LWN100 HONOURS DISSERTATION
A dissertation by students enrolled in the Master of Laws by Research is obtained by 96 credit points limited to students with a GPA of 6 or better. The dissertation is between 20,000 and 30,000 words in length.
Courses: LWN100
Credit points: 48

► LWN111 PUBLIC LAW & 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 privatisation, outsourcing and privatisation.
Courses: LW51, LW50, LW60
Credit points: 12
Contact hours: 2 per week

► LWN112 ADMINISTRATIVE FRAMEWORK FOR CORPORATIONS
Addresses the powers and functions of the agencies that are charged with administering the Corporations Law and similar legislation - the Australian Securities and Investments Commission and the Australian Stock Exchange. The unit also covers the effect of the actions of these institutions and their methods of review of their decisions.
Courses: LW51, LW60
Credit points: 12
Contact hours: 2 per week
Campus offered: GP
Semester offered: Not offered 2002

► 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 discharge of representation, mistake, unconscionable conduct, undue influence, the section 51AB Trade Practices Act (Cwlth), s.70 Consumer Code; credit - the concept of 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; termination, the enforcement of the guarantee; rights of the guarantor; guarantees in international trade.
Courses: LW51, LW60
Credit points: 12
Contact hours: 26
Campus offered: GP
Semester offered: Not offered 2002

► LWN114 SELECT ISSUES IN PRIVATE INTERNATIONAL LAW
Private International Law (PIL), in particular the body of law applied to resolve legal problems of a private law nature that have a foreign element. There is a growing demand for the application of this area of law to international travel, tourism and trade increase. This unit deals with some select issues in Private International Law, including reasons for choice of law, the development of choice of law, choice of law for tort - a comparative approach, choice of law issues in property including intellectual property, recognition of foreign trusts. These topics have been selected to minimise duplication of the topics covered in LWN075 International Commercial Transactions and LWN115 International Commercial Disputes. It is not necessary to have studied private international law or conflict of laws at the undergraduate level (but it may be of some advantage to have done so).
Courses: LW51, LW60
Credit points: 12
Contact hours: 2 per week
Campus offered: GP
Semester offered: Not offered 2002

► LWN115 HUMAN RIGHTS IN AUSTRALIAN LAW
Human rights and human rights law are undergoing an increasing importance and significance in all areas of law, policy and practice, as recent decisions of the High Court of Australia indicate. This unit is also a growth area of legal research and publication. There will be an increasing demand for people with expertise in human rights. This unit explores the level of legal protection given to particular human rights in three arenas: (i) under the Australian Constitution; (ii) by international human rights law; (iii) under international law. In addition to the relationship between these three arenas, this unit will also cover the nature and development of international norms, and the establishment of international complaint procedures.
Courses: LW51, LW60
Credit points: 12
Contact hours: 2 per week
Campus offered: GP
Semester offered: Not offered 2002

► LWN116 LIQUOR LICENSING LAW AND PRACTICE
The liquor industry is an integral part of the tourism and hospitality industry, and decisions of the Alcohol Licensing Tribunal can have a serious impact upon commercial developments. This unit will provide a comprehensive analysis of liquor law in Queensland. An added feature of the course will be a detailed analysis of the practice and procedure of the Liquor Appeals Tribunal and the development of drafting skills relevant to liquor law practice.
Courses: LW51, LW60
Credit points: 12
Contact hours: 2 per week
Campus offered: GP
Semester offered: Not offered 2002

► LWN117 LEGAL REGULATION OF THE INTERNET
The study of the law as it relates to the Internet and electronic commerce. This unit will examine the application of the existing legal principles to ‘cyberspace’ as well as newly developed cyberlaw principles. A knowledge of cyberlaw is important in a number of areas of legal practice, such as banking, litigation and intellectual property. This unit will focus on 14 Internet-related topics. Recent developments in Australian and international law will be discussed. The topics covered in this course are: an introduction to legal issues relating to the Internet; jurisdictional issues on the worldwide web; liability of online service providers; content regulation; privacy; consumer law in relation to online commerce; intellectual property and electronic commerce: digital and electronic signatures; digital and electronic cash: electronic banking; buying and selling online: a case study taxanation of Internet transactions (an overview); sophisticated Internet transactions; obtaining electronic consumers; domain names; computer crime: spamming.
Courses: LW50, LW51, LW60
Credit points: 12
Contact hours: 2 per week
Campus offered: GP
Semester offered: 2

► LWN119 EMPLOYMENT LAW
This unit covers workplace law that allows students to survey at an advanced level the sources, components and relationships of employment law in Australia. Emphasis in this unit will be on 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
Credit points: 12
Contact hours: 26

► 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 by the media institutions related to broadcasting law, and policy and legal issues affecting the functioning of the on-line media environment.
Courses: LW50, LW51, LW60
Credit points: 12
Contact hours: 26

► LWN122 COMMERCIAL LEASES
The principles governing standard clauses of a modern Australian commercial lease in the light of recent cases. The Queensland and New South Wales legislation will be probed, affecting such leases. Topics include: negotiation of leases, covenants for repair, user, assignment, quiet possession, options to renew and modification, the principles of lesser and lessee including those under
the Trade Practices Act 1974, and retail shop leases in Queensland generally.

Credit points: 12 Contact hours: 2 per week
► LWN123 CORPORATE GOVERNANCE: DIRECTOR'S DUTIES, MEMBERS' MEETINGS AND CORPORATE COMPLIANCE
This unit will provide a knowledge of best corporate governance practice from a global perspective. It will address the proper functioning of the management bodies of the Australian registered company - the Managing Director (or Chief Executive Officer), the Board of Directors, and the Members in General Meeting. While some concepts from diverse disciplines such as management and accounting will be considered, the unit will concentrate upon the legal obligations which foster good corporate governance. Particular recent developments in corporate governance will be addressed.

Courses: LWS1, LW50, LW60
Credit points: 12 Contact hours: 2 per week
Census offered: SP Semester offered: Not offered 2002
► LWN124 CONTEMPORARY FAMILY ISSUES
This unit will examine a number of complex issues concerning families from time to time. The first part of the unit examines those legal principles concerned with the break down of family units and the distribution of property between partners. The laws on issues such as surrogacy arrangements, access to reproductive technology, abortion, adoption and end-of-life decisions 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, the social and psychological impacts of domestic violence and stalking will be examined. This unit facilitates a detailed consideration of these matters by practitioners wishing to expand their existing knowledge of the law, as well as others wishing to consider the impact of these issues in and on society.

Courses: LWS1, LW50, LW60
Credit points: 12 Contact hours: 26 Incompatible with: LWN003 Semester offered: Not offered 2002
► LWN125 ELECTRONIC COMMERCE LAW
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 unit will be 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 generally.

Courses: LWS50, LW51, LW60
Credit points: 12 Contact hours: Intensive
► 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 unit will be 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 generally.

Courses: LWS50, LW51, LW60
Credit points: 12 Contact hours: 2 per week
► LWN127 ADVANCED INSURANCE LAW
The unit will cover the nature and definition of insurance, utmost good faith, formation of contracts, insurance 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 applicable.

Credit points: 12 Contact hours: 2 per week
► LWN128 ADVANCED INSURANCE LAW - LAW AND POLICY
This unit will focus on selected topics on insurance law that pre-suppose a knowledge of insurance law contained in LWN127 Advanced Insurance Law. For example, contract terms and their interpretation, double insurance and contribution, subrogation, claims, indemnity and reinstatement, waiver and estoppel, motor vehicle claims and subrogation.

Courses: LW50, LW51, LW60
Prerequisites: LWN127
Credit points: 12 Contact hours: 2 per week
► LWN129 CONTEMPORARY ISSUES IN SENTENCING LAW
This unit examines and critically evaluates the sources of current sentencing law in contemporary Australia, both at a theoretical and practical level. Specific issues that have arisen in this area are explored in detail, in order to build an integrated understanding of the discipline area as a whole. Topics include: sentencing rationales, including the theories of punishment; the sentencing process proceeding by which each case plays within the system (including victims); judicial discretion and sentencing, including recent trends to the role of public opinion and the media, and restorative justice.

Courses: LW50, LW51, LW60
Credit points: 12 Contact hours: 26
► LWN129 QUEENSLAND 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 an undergraduate level, the focus of the unit will be on the current legislative scheme and current policies relating to land in Queensland. Contemporary issues within the context of the prevailing legislative and policy frameworks; and the development of genetic skills including research skills and critical evaluation skills that may be applied in other areas of study.

Courses: LW50, LW51, LW60
Credit points: 12 Contact hours: 2 per week
► 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; Equal Opportunity Legislation; Case studies of local government, statutory authorities, State and Federal public sector employment law.

Courses: LW51, LW60
Credit points: 12 Contact hours: 26
Campus offered: GP Semester offered: 2 (Intensive)
► 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 prerequisites 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 confidentiality for public institutions and rules that apply to representative actions. Finally recent developments and law reform proposals concerning group litigation in Australia will be considered.

Courses: LW50, LW51, LW60
Credit points: 12 Contact hours: 26
► 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 research promise an enormous and unforeseen voyage of scientific discovery. The scientific findings are prompting major rethinking of concepts of law and justice. Science, technology, and society faces a perpetual challenge in keeping pace of the revolution in genetics. This unit looks at some significant aspects of this revolution and charts the major responses of our legal system to modern genetics and biotechnology. The rationales for this unit is that it is clear that lawyers of the next century will feel the impact of genetics across the broad sweep of their practice, in areas including criminal justice, human rights and intellectual property. Concepts and practices of the next century will feel the impact of the law across their discoveries. All justice related professionals will benefit from this advanced knowledge of the increasingly complex dimensions to the interaction between law and the modern genetics genie.

Courses: LW50, LW51, LW60
Credit points: 12 Contact hours: 2 per week
Campus offered: GP Semester offered: 1
► LWN136 LAW AND SOCIAL TRANSFORMATION
Analysis of the relationship between law, contemporary social theory and legal and social theory. A range of theoretical lenses will be examined in probing the scholarly: The Rule of Law; universalism in modern legal principles; jurisprudential responses to cultural pluralism; globalisation and relocalisation; and reconstructive legal theory.

Courses: LW51, LW60
Prerequisites: Recommended: any undergraduate course on legal or social or political theory. (Please contact the unit coordinator if in doubt about prerequisites)
Credit points: 12 Contact hours: 2 per week
Campus offered: GP Semester offered: Not offered 2002
► LWN137 ISSUES IN CRIMINAL JUSTICE
Courses: LW51, LW60, JS51
Credit points: 12 Contact hours: 2 per week
Campus offered: KG Semester offered: Not offered 2002
► 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 greater understanding of the conservation of their cultural heritage. These may include the USA, UK, European Union, China, New Zealand and Australiia. The focus of the unit is upon moveable cultural heritage and its association with land.

Credit points: 12 Contact hours: 2 per week
► 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 implications 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; regulation relating to the Internet; compliance and code development; international regimes.

Courses: LW51, LW60
Credit points: 12 Contact hours: Intensive
Campus offered: GP Semester offered: 1
► LW003 THESIS
A dissertation undertaken by students enrolled in LW002 Doctor of Juridical Science. The dissertation will be undertaken with the intention of making a notable contribution to professional knowledge and practice, which may be in the form of new knowledge or significant theoretical, methodological, or interpretative extension of existing knowledge and practice.

Courses: LW50
Credit points: 24
► LW001 MEDICINE & THE LAW

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UNIT SYNOPSIS

The impact of some important fields of law upon the medical profession and upon hospital staff, particularly the introduction to the legal system. The Federal and State systems; general principles of the law of tort; principles of negligence and trespass; issues of consent; legal aspects of medical practice; medical-legal investigations; abortion law; euthanasia and other related issues.

Courses: PU40
Credit points: 12 Contact hours: 3 per week
Campus offered: KG

► MAB11 HEALTH, ETHICS & THE LAW

The legal issues associated with the matter of public health and an appreciation of the legal and ethical applications of the work, done by the 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: HS68, NS64, PU65, PU69
Credit points: 12 Contact hours: 3 per week
Campus offered: 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 law; copyright; domain name litigation, piracy, cookies, CrimeNet; copyright; patents; trade marks; circuit layout; software licensing and development agreements (shrink-wrap licenses); electronic commerce (legal frameworks, contract formation, standard terms and conditions, web-wrap agreements, jurisdictional issues, electronic banking and payment mechanisms, on-line gambling, consumer protection, and taxation issues); public and private sectors (digital signature and privacy); 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 to the development and implementation of information technology.

Courses: IT23, IT35, IT38, IT40, IT45
Credit points: 12 Contact hours: 3 per week
Campus offered: GP
Semester offered: 2

► MAB100 MATHEMATICS 1A

Functions: polynomial, trigonometric and exponential functions; properties and graphs of functions and their transformations; introduction to exponential functions; revision of complex numbers; 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 and descriptive methods and statistical inferences. Introduction to the concepts of statistical variation, samples, probability and random variables. Discrete and continuous variables; types of distributions, particularly the Normal (Gaussian) distribution. Introduction to the estimation of interval estimates (confidence intervals) and the basic concepts underpinning statistical tests of hypotheses; applying these concepts to the specific cases of tests for association, introductory regression tests for Normal means, and introductory regression analysis. Courses: CN54, any other appropriate course
Credit points: 12 Contact hours: 4 per week
Incompatible with: MAB105, a priori in statistics or data analysis, a grade of Sound Achievement in Senior Mathematics C (or equivalent)
Campus offered: GP
Semester offered: 2

► MAB111 MATHEMATICAL SCIENCES 1C

Linear systems and matrices, vector algebra, co-ordinate systems; introduction to algebraic systems; complex numbers; first and second order differential equations.

Courses: BS56, EI61, EI63, IF73, IF75, IF83, IF84, IF86, IF87, IT21, SC01
Prerequisites: A grade of Sound Achievement in Senior Mathematics C (or equivalent)
Credit points: 12 Contact hours: 4 per week
Incompatible with: MAB131, MAB180
Campus offered: GP
Semester offered: 1, 2

► MAB112 MATHEMATICAL SCIENCES 1C

Linear systems and matrices, vector algebra, coordinate systems; introduction to algebraic systems; complex numbers; first and second order differential equations.

Courses: BS56, EI61, EI63, IF73, IF75, IF83, IF84, IF86, SC01, SC51
Prerequisites: A grade of Sound Achievement in Senior Mathematics C (or equivalent)
Credit points: 12 Contact hours: 4 per week
Incompatible with: MAB131, MAB180
Campus offered: GP
Semester offered: 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; applications. Introduction to sequences and series.

Courses: CE44, CE45, CE41, CE42, EE46, EE47, EE48, IF28, IF29, IF59, IF61, ME40, ME41, ME42, ME43, ME48, SC01
Prerequisites: A minimum grade of Sound Achievement in 3 semesters of Senior Mathematics C (or equivalent) or MAB100
Credit points: 12 Contact hours: 4 per week
Incompatible with: MAB111, MAB180, MAB187
Campus offered: GP
Semester offered: 1, 2

► MAB132 ENGINEERING MATHEMATICS 1B

Vector calculus: differentiation of vectors, velocity and acceleration; differentiation of scalar and vector algebra; equivalent systems of forces; functions of several variables: partial derivatives; hyperbolic functions; inverse trigonometric and hyperbolic functions; partial derivatives; numerical methods; differential equations; multiple integrals; areas and volumes. Laplace transforms. Fourier series.

Courses: CE33, CE44, CE45, CE41, EE42, EE46, EE47, EE48, IF28, IF29, IF59, IF61, ME40, ME41, ME42, ME43, ME48, SC01
Prerequisites: MAB131 or MAB180
Credit points: 12 Contact hours: 4 per week
Incompatible with: MAB131
Campus offered: GP
Semester offered: 1, 2, 3

► MAB133 ENGINEERING MATHEMATICS 2


Courses: ME41, ME42, ME43, ME48
Prerequisites: MAB132
Credit points: 12 Contact hours: 4 per week
Incompatible with: MAB487, MAB488
Campus offered: GP
Semester offered: 1, 2

► MAB134 ELECTRICAL ENGINEERING MATHEMATICS 3

Mathematics: Laplace transform; Fourier series and transforms; vector operations, grad, div and curl expressed in spherical polar and Cartesian coordinates; line, surface and volume integrals in vector field; divergence and Stokes's theorem; field equations. Introduction to probability and distributional modelling: conditional probability; discrete and continuous random variables; Bernoulli, binomial and normal processes; introduction to queues and teletraffic;
estimating probabilities. Electromagnetic theory: flux density, electromagnetic induction; magnetic field force and field lines; hysteresis, magnetic fields around conductors; electric fields, Coulomb’s Law; voltage, energy stored in an electric field.

Courses: EE41, EE42, EE47, EE48, IF29, IF59, IF61, ME40, SC01

Prerequisites: MAB132

Corequisites: PCB136 or first level Physics unit

Credit points: 12 Contact hours: 4 per week

Campus offered: GP Semester offered: 1

MAB136 ELECTRICAL ENGINEERING

MATHMATICS 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,.box normal distributions.The Smith Chart. Electrostatic problems treated by conformal mapping.

Courses: EE41, EE42, EE47, EE48, IF29, IF59, ME40

Prerequisites: MAB134

Credit points: 12 Contact hours: 4 per week

Campus offered: GP Semester offered: 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, ME48

Prerequisites: MAB132

Credit points: 12 Contact hours: 4 per week

Incompatible with: MAB893

Campus offered: GP Semester offered: 2

MAB137 SURVEYING

MATHEMATICS 1

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, ME48

Prerequisites: MAB137

Credit points: 12 Contact hours: 4 per week

Incompatible with: MAB893, MAB101

Campus offered: GP Semester offered: 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 solution to function approximation; polynomial interpolation, cubic splines, power series. Numerical solution of ordinary differential equations.

Courses: CE44, CE45

Prerequisites: MAB132

Credit points: 12 Contact hours: 4 per week

Incompatible with: MAB487, MAB893

MAB101

Campus offered: GP Semester offered: 1

MAB140 QUANTITATIVE METHODS FOR OPTOMETRY AND HEALTH SCIENCES

Linear, quadratic, power law and exponential processes; techniques of differentiation, integration and applications to health science modelling; matrix algebra, types and purposes of variables; summary statistics and data features; introduction to a statistical package. Modelling data: random and distributional processes; some special distributions; sampling and sample statistics. Estimation; confidence intervals. Hypothesis testing; tests for means and proportions; p-values; tests for independence; test of independence in contingency table; goodness-of-fit tests. Fitting and investigating relationships: regression; individual analysis; multiple regression and curve fitting. Design of experiments. Introduction to non-parametric procedures.

Courses: OP42

Prerequisites: A grade of Sound Achievement or better in Senior Mathematics B

Credit points: 12 Contact hours: 4 per week

Incompatible with: MAB141, MAB251, MAB252, MAB258

Campus offered: GP Semester offered: 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 chart.

Courses: LS37, LS50

Prerequisites: A grade of Sound Achievement or better in Senior Mathematics B

Credit points: 12 Contact hours: 4 per week

Incompatible with: MAB140

Campus offered: GP Semester offered: 1

MAB177 MATHEMATICS FOR DATA COMMUNICATIONS

Provides the basic mathematical background required for the study of data communication; network structures, cryptography and network performance.

Courses: IT21, IT38, IT45

Prerequisites: IB106

Credit points: 12 Contact hours: 3 per week

Incompatible with: MAB180, MAB181

Campus offered: GP Semester offered: 1, 2

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: CE33, CE44, CE45, EE41, EE42, EE46, EE47, EE48, IF29, IF59, IF61, ME36, ME40, ME41, ME42, ME43, ME48, SC01

Prerequisites: A minimum grade of Sound Achievement in 3 semesters of Senior Mathematics B (or equivalent) or MAB105

Credit points: 12 Contact hours: 4 per week

Incompatible with: MAB111, MAB131, MAB187

Campus offered: GP Semester offered: 1, 2

MAB194 PROBABILITY FOR ELECTRICAL ENGINEERING

This unit is an engineering transition unit. Probability axioms and results; independence and system reliability; Markov chains; Bayesian probability; law of total probability; Bayes’ theorem; Markov chains. Discrete and continuous random variables and their models and parameters; uniform (rectangular); Bernoulli, binomial, Poisson processes, exponential; introduction to queues and teletraffic; introduction to bivariate measures of dependence; estimating conditional probabilities, including transition matrices; comparing models and data; estimating parameters of processes.

Courses: EE34, EE43, EE44, EE45, IF25

Prerequisites: MAB132 or MAB485

Credit points: 4 Incompatible with: MAB134

Campus offered: GP Semester offered: 1

MAB210 STATISTICAL MODELLING 1

Probability; independence; system reliability; using conditional probability in modelling; introductory Markov chains with special distributional models; Bernoulli process; Poisson process; extraneous queuing processes; simulating processes; expected values and moments; decision functions; Q-Q plots; goodness-of-fit tests; measures of dependence; introductory bivariate and correlation conditional arguments; non-parametric tests; assumptions and results in linear regression model.

Courses: BS56, BS50, IF21, IF39, IF58, IF60, IF71, IF83, IF84, IF86, IT21, SC01, SC51

Prerequisites: A grade of Sound Achievement in Senior Mathematics C (or equivalent)

Corequisites: MAB111

Credit points: 12 Contact hours: 4 per week

Campus offered: GP Semester offered: 2

MAB220 COMPUTATIONAL

MATHEMATICS 1

Sources of error; computer arithmetic; MAPLE programming; solution of non-linear equations and systems of linear equations; interpolation; finite differences; numerical differentiation and integration; solution of first order linear differential equations.

Courses: ED50, IF21, IF39, IF42, IF44, IF50, IF58, IF60, IF71, IF83, IF84, SC01, SC51

Prerequisites: MAB111 or MAB131 or MAB485

Credit points: 12 Contact hours: 4 per week

Campus offered: GP Semester offered: 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 theorem, line and surface integrals, divergence theorem, Stokes’ theorem, applications.

Courses: ED50, IF21, IF39, IF42, IF44, IF50, IF58, IF60, IF71, IF83, IF84, SC01, SC51

Prerequisites: MAB111 or MAB112 or MAB131 or MAB180, MAB132

Credit points: 12 Contact hours: 4 per week

Campus offered: GP Semester offered: 1

MAB312 LINEAR ALGEBRA

Matrix algebra, linear systems and an introduction to Maple; vector spaces; inner product spaces; eigenvalues and eigenvectors.

Courses: ED50, IF21, IF39, IF58, IF60, IF71, IF83, IF84, IF86, SC01, SC51

Prerequisites: (MAB111 or MAB112) or (MAB131 or MAB180, MAB132)

Credit points: 12 Contact hours: 4 per week

Campus offered: GP Semester offered: 1

MAB313 MATHEMATICS OF FINANCE

Interest rates; solution of non-linear differential equations with applications to finance, business and finance.

Courses: BS50, ED50, IF29, IF58, IF60, IF71, IF83, IF84, IF86, SC01, SC51

Prerequisites: Sound Achievement in Senior Mathematics C (or equivalent) or MAB100

Corequisites: MAB111

Credit points: 12 Contact hours: 4 per week

Campus offered: GP Semester offered: 1

MAB314 STATISTICAL MODELLING 2

Methods and models of stochastic and statistical applications with applications in engineering, information technology, finance, physical and life sciences; Markov chains; random walks; branching processes; queuing and other birth and death
UNIT SYNOPSIS

processes; teletraffic; long-term process behaviour; stochastic vs. deterministic; process simulation; queueing systems, birth-and-death functions and conditional distributions; transformations; beta, gamma distributions; probability transform and applications; queueing systems; order statistics, minimum, maximum, range.

Courses: ED50, ED44, EE45, EE48, IF21, IF29, IF41, IF42, IF46, IF71, IF84, IF86, IF87, IF21, ME40, SC01, SC51
Prerequisites: MAB111, MAB210, MAB111 or (MAB486, MAB893) or (MAB34, MAB35)
Credit points: 12 Contact hours: 4 per week
Campus offered: GP Semester offered: 1
► MAB315 OPERATIONS RESEARCH 2

Generation, research, formulation, solving and analysing linear programming models; transportation, transhipment and assignment problems; shortest-route problems; project scheduling techniques (CPM and PERT); replacement and maintenance.

Courses: ED50, IF39, IF50, IF58, IF60, IF71, IF83, IF84, IF86, IT21, SC01, SC51
Prerequisites: MAB112, MAB210
Credit points: 12 Contact hours: 4 per week
Campus offered: GP Semester offered: 2
► MAB380 INTRODUCTION TO SUPERCOMPUTING

Materials covered in this unit include: background notions in supercomputing; Amdahl's law, speed-up and efficiency; an introduction to high level scientific development environments through the exploration of multi-disciplinary scientific computing problems (such as modelling disease life cycles); introduction to MATLAB and FORTRAN in a high performance scientific computing environment; solving computationally intensive case studies using supercomputing tools and techniques.

Courses: IF41, IF42, IT21, SC01, SC51
Prerequisites: ITB410, MAB111, ITB484 or ITN410 or ITB421
Credit points: 12 Contact hours: 4 per week
Campus offered: GP Semester offered: 1
► 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, IF83, IF84, IF86, SC01, SC51
Prerequisites: MAB111, MAB112 or (MAB131 or MAB80, MAB132)
Credit points: 12 Contact hours: 4 per week
Incompatible with: MAB111, MAB131
Campus offered: GP Semester offered: 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 of experiments: ANOVA.

Courses: ED50, ED44, EE45, EE48, IF21, IF28, IF39, IF50, IF58, IF60, IF71, IF83, IF84, IF86, IT21, SC01, SC51
Prerequisites: (MAB101, MAB111, MAB210 and recommended MAB112) or MAB893 or MAB135 or MAB136 or MAB137 or MAB318
Credit points: 12 Contact hours: 4 per week
Campus offered: GP Semester offered: 2
► MAB420 COMPUTATIONAL MATHEMATICS 2

Direct and iterative 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; approximate solutions and eigenvectors of a matrix.

Courses: IF21, IF39, IF50, IF58, IF60, IF71, IF83, IF84, IT21, SC01, SC51
Prerequisites: MAB220, MAB312
Credit points: 12 Contact hours: 4 per week
Campus offered: GP Semester offered: 1
► MAB421 THE MATHEMATICAL MODELLING

Models developed with the ‘real world’ description. These models are taken from the areas of operational research; simulation; visual and engineering. Emphasis is on mathematical modelling and not on the development of new mathematical content.

Courses: ED50, IF21, IF39, IF50, IF58, IF60, IF71, IF83, IF84, IF86, SC01, SC51
Prerequisites: (MAB111, MAB112) or (MAB34 or MAB35)
Credit points: 12 Contact hours: 4 per week
Campus offered: GP Semester offered: 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, interpolations, Delaunay triangulation, iso-surfaces, volume visualisation; geobrowsing, slicing, streamlines, streamtubes and texture mapping; visualisation of multi-dimensional data, and other data types such as finite element, vector, molecular and scatter data.

Courses: IF58, IF71, SC01, SC51
Prerequisites: MAB101, MAB380
Credit points: 12 Contact hours: 4 per week
Campus offered: GP Semester offered: 2
► 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 and line integrals, divergence theorem, Stokes' theorem, applications. Functions of a complex variable: analytic functions, contour integrals, Laurent series, and residues.

Courses: IF21, IF39, IF44, IF50, IF58, IF60, IF71, SC01, SC51, SC60
Prerequisites: MAB311, MAB414
Credit points: 12 Contact hours: 4 per week
Campus offered: GP Semester offered: 2
► 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, IF71, SC01, SC51, SC60
Prerequisites: MAB311, MAB414
Credit points: 12 Contact hours: 4 per week
Campus offered: GP Semester offered: 2
► MAB621 DISCRETE MATHEMATICS

Groups, rings and fields: additive groups, multiplicative groups; applications to data communication, cryptography, data security and data networks. Modular arithmetic: property and rules, congruences; pseudo-random number generators, countability and uncountability. Proof by mathematical induction, proof by contradiction. Isomorphisms and homomorphisms of groups and rings; properties and relations: one-to-one and onto functions, logic, set operations, Boolean algebra, algebraic cryptosystems, linear feedback shift registers. Number theory issues: primes, arithmetic function, fundamental theorem of arithmetic; arithmetic functions, primitive roots; Fermat's theorems, Euler's theorems. Generating polynomials and extensions, block crypts.

Courses: ED50, IF21, IF39, IF44, IF50, IF58, IF60, IF71, JF21, SC01, SC51
Prerequisites: MAB112
Credit points: 12 Contact hours: 4 per week
Campus offered: GP Semester offered: 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 interest rates in money and capital markets - yield rates, horizon analysis, duration, convexity, effects of taxation; life annuities and life insurances - the life table, basic functions and related functions, life insurance, policy values, paid up policy values, changes to policies; use of life table to study stationary and stationary populations; population projections; multiple decrement tables; supervision.

Courses: IF39, IF50, IF58, IF60, IF71, SC01, SC51
Prerequisites: MAB313
Credit points: 12 Contact hours: 4 per week
Campus offered: GP Semester offered: 2
MAB624 APPLIED STATISTICS 3
Design of experiments for factorial investigation, two-factor and three-factor, and the analysis of variance; regression and correlation; simple and multiple regression; non-linear regression; time series models; linear autoregressive; Hilbert spaces; Hilbert-adjoint operator; linear operator equations; spectrum of a linear operator.
Courses: SC60, SC71, SC80, IF49
Prerequisites: MAB311
Credit points: 12 Contact hours: 3 per week
Semester offered: 2

MAB625 OPERATIONS RESEARCH 3B
Phases of an operations research study: decision analysis; queuing theory; simulation; implementa- tion of operations research; non-linear pro- gramming; heuristic techniques.
Courses: IF39, IF50, IF56, IF60, IF71, SC01, SC51
Prerequisites: MAB525
Credit points: 12 Contact hours: 4 per week
Campus offered: GP Semester offered: 2

MAB640 INDUSTRY PROJECT
The student usually works in industry for a short period full-time, followed by part-time. The stu- dent is assisted to develop a suitable plan to manage a Gantt chart or other flow or layout techniques. Students are expected to record progress and subsequently develop an accurate presentation.
Courses: IF58, IF60, SC01, SC51
Prerequisites: MAB523
Corequisites: At least 36 credit points from 3rd year mathematical sciences units.
Credit points: 24 Incompatible with: MAB960
Campus offered: GP Semester offered: 2

MAB672 ADVANCED APPLIED MATHEMATICAL MODELLING
Prerequisites: MAB413, MAB422
Credit points: 12 Contact hours: 4 per week
Campus offered: GP Semester offered: 1

MAB717 MINOR PROJECT
This project may be related to that undertaken in MAB787 or in a separate area. It must be self- contained and is assessed separately.
Courses: SC60
Prerequisites: Approval of Head of School
Credit points: 12 Contact hours: 3 per week
Campus offered: GP Semester offered: 1

MAB730 SURVEYING
Systems of linear equations, Gaussian elimina- tion, matrix inversion, properties of inverses, partial pivoting, error propagation. Determin- ants, properties of determinants, rank, Compact (direct) and iterative (indirect) methods for solv- ing linear systems. Eigenvales of 2x2 and 3x3 matrices, diagonalisation, quadratic forms, conic sections. Lagrange interpolation, divided differ- ences, numerical interpolation methods, two-dimensional interpolation methods. Fixed-point iteration, Newton’s method and Quasi-Newton methods.
Courses: MAB136, Prerequisites: MAB137
Credit points: 12 Contact hours: 4 per week
Incompatible with: MAB496, MAB795
Campus offered: Semester offered: 2

MAB771 CONVERGENCE
Convergence in R; uniform convergence; Lebes- gue integral; convergence theorems; L-spaces; metric spaces; completeness and compactness; contraction mappings; normed and Banach spaces; linear operators; Hilbert spaces; Hilbert-adjoint operator; linear operator equations; spectrum of a linear operator.
Courses: SC60, SC71, SC80, IF49
Prerequisites: MAB311
Credit points: 12 Contact hours: 3 per week
Campus offered: GP Semester offered: 2

MAB762 PERUTRATION METHODS AND FIELD THEORY
Electrostatics; steady current theory; magnetism; electrodynamics; perturbation expansions; asymptotic expansion of functions and coordinates; matched asymptotic expansions.
Courses: SC60, SC71, SC80, IF49
Prerequisites: MAB413, MAB521 (Recom- mended: MAB613)
Credit points: 12 Contact hours: 2 per week
Campus offered: GP Semester offered: 1

MAB763 FLUID AND SOLID DYNAMICS
Basic principles of mechanics of continua; equa- tions of continuity, momentum balance and energy balance; Cauchy stress vector and tensor; strain and rate of strain; constitutive equations; linear elasticity; isotropy; Hook’s law; conduc- tion and convection of heat in fluid flows; hydro- pipe; fluid dynamics: scales, non-dimensional parameters, Contolis force, governing equations; rotation effect; inviscid irrotational; large-scale circulation patterns; combined stratification and rotation effects; thermal wind adjustment, coastal upwelling; numerical solutions of a primitive ocean model; examples of solutions.
Courses: SC60, SC71, SC80, IF49
Credit points: 12 Contact points: 3 per week
Campus offered: GP Semester offered: 2

MAB764 APPLIED MATHEMATICAL MODELLING
This unit will enable students to develop and practice mathematical modelling skills by con- sidering topical problems from outside the mathematics discipline. Some of the problems considered will involve: an overview of the modelling procedure, modelling the dispersion of a suspension in a pipe, models of insect dis- persion, Fisher’s equation and biological waves. Turing mechanisms and the generation of spatial patterns.
Courses: IF49, SC60, SC71, SC80, IF49
Credit points: MAB613, MAB672

MAB765 INFERENCE AND APPLICATIONS
Likelihood-based statistical inference; frequen- tist and Bayesian inference; distribution theory and inference; resampling; simulation; Monte Carlo; Markov chain Monte Carlo; selection of general- ised linear models and mixed models, bootstrap, Bayesian inference and financial modelling and risk.
Courses: SC60, SC71, SC80, IF49
Credit points: MAB524 (Recommended: MAB624)
Credit points: 12 Contact hours: 3 per week
Campus offered: GP Semester offered: 1

MAB766 APPLIED TIME SERIES
Analysis of ARMA models; seasonal ARMA models; spectral analysis; parameter estimation and diagnostic checking.
Courses: SC60, SC71, SC80, IF49
Credit points: MAB520 (Recommended: MAB524)
Credit points: 12 Contact hours: 3 per week
Campus offered: GP Semester offered: 2

MAB767 ESTIMATION AND STATISTICS CONSULTING
Statistical consulting: professional and technical skills; multivariate analysis; sampling and sur- veys; reliability; statistical consulting applied to real problems.
Courses: SC60, SC71, SC80, IF49
Prerequisites: MAB624 (Recommended: MAB524)
Credit points: 12 Contact hours: 3 per week
Campus offered: GP

MAB768 ADVANCED TECHNIQUES IN OPERATIONS RESEARCH
Nature of operations research, inventory systems modelling, including lot-size problems, recent developments in inventory theory, material re- quirement planning, just-in-time production; production planning methods, scheduling, including static and dynamic methods, aggregate planning, LP/DR/SDR techniques, heuristics; operations scheduling, including sequencing, job shop scheduling, assembly line balancing, numerical optimization, network scheduling, resources allocation, NP-completeness.
Courses: SC60, SC71, SC80, IF49
Prerequisites: MAB625
Credit points: 12 Contact hours: 3 per week
Campus offered: GP Semester offered: 1

MAB769 MATHEMATICS OF FINANCE 4
Stochastic models; basic option theory; Black- Scholes analysis; Brownian motion and martin- gailes; Markov processes; Itô stochastic integrals and stochastic differential equations; Black- scholes market model; option valuation formula; numerical solution of market models.
Courses: SC60, SC71, SC80, IF49
Credit points: MAB413 (Recommended: MAB623)
Credit points: 12 Contact hours: 3 per week
Campus offered: GP Semester offered: 1

MAB770 INDUSTRIAL MATHEMATICS
Cusum techniques; decision interval schemes; exponentially weighted moving average control schemes; fractional replication; defining contrasts; aliases; Yates’ technique; pooling procedures; design resolution; Plackett-Burman screening and other designs.
Courses: IF49, SC60, SC71, SC80
Prerequisites: MAB523
Credit points: 12 Contact hours: 3 per week
Campus offered: GP Semester offered: 2

MAB771 COMPUTATIONAL MATHEMATICS 4
Generalised conservation equations; finite dif- ference; finite element; numerical solution of Laplace’s equation; large sparse matrix systems; finite volume methods; solution of the general- ised convection diffusion equation; unstructured mesh solution methods; finite element, non- linear partial differential equations.
Courses: IF49, SC60, SC71, SC80
Prerequisites: MAB522
Credit points: 12 Contact hours: 3 per week
Campus offered: GP Semester offered: 2

MAB787 PROJECT
Project and thesis component of Honours course (SC60).
Courses: SC60
Prerequisites: Approval of Head of School
Credit points: 12 Contact hours: 3 per week
Campus offered: GP Semester offered: 2

MAB803 ENGINEERING MATHEMATICS 3
Modelling and analysis of variation and data in engineering contexts with emphasis on real data and use of computer packages; estimation, test- ing, SPC, regression, ANOVA, reliability; statis- tical process control.
Courses: CE42, CE43, EE43, EE44, EE45, IF25, IF45, IF54, ME45, ME46, ME47.
Prerequisites: MAB180 or MAB187 and MAB388
Credit points: 8 Contact hours: 3 per week
Incompatible with: MAB101, MAB135, MAB137, MAB138
Campus offered: GP

MAB930 TEACHING IN THE INFORMATION AGE
The impact of information technology on educa- tion; the concept of an information society; the way in which what is defined as knowledge is
UNIT SYNOPSES

contested and changed by information technol-ogy; strategies for learning and teaching using information and communication technologies 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, IF71
Credit points: 12
Contact hours: 3 per week

► MDB320 DATABASE THEORY AND TECHNOLOGY

The logical and physical models of information systems; characteristics; use of structured query language to query existing curriculum databases and develop new ones; the sociological implications of the utilisation of public and private databases.

Courses: ED50
Credit points: 12
Contact hours: 3 per week

► MDB321 INFORMATION SYSTEM MODELLING IN EDUCATIONAL CONTEXTS

Examines the modelling of information systems; relational systems; fact-oriented approaches; conceptual schema design.

Courses: ED50
Credit points: 12
Contact hours: 3 per week

► MDB322 COMPUTER SYSTEMS FOR TEACHERS

Examines 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 representations 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 and future parallel processing machine architectures.

Courses: ED50
Credit points: 12
Contact hours: 3 per week

► MDB323 PROGRAMMING LANGUAGES FOR TEACHERS

Examines further software developments; techniques of program development; top-down design and modularity; computer programming using appropriate languages.

Courses: ED50
Credit points: 12
Contact hours: 3 per week

► MDB325 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: ED19, ED50, ED54, ED55, IF71
Credit points: 12
Contact hours: 3 per week

Prerequisites: Normally the completion of 48 credit points in each relevant discipline area

► MDB326 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; and issues and directions in curriculum development.

Courses: ED19, ED50, ED54, ED55, IF71
Credit points: 12
Contact hours: 3 per week

Prerequisites: MDB325

► MDB327 CHEMISTRY CURRICULUM STUDIES

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: ED19, ED50, ED54, ED55, IF71
Credit points: 12
Contact hours: 3 per week

Prerequisites: Normally the completion of 48 credit points in each relevant discipline area

► MDB328 CHEMISTRY 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: ED19, ED50, ED54, ED55, IF71
Credit points: 12
Contact hours: 3 per week

► MDB329 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: ED19, ED50, ED54, ED55, IF71
Credit points: 12
Contact hours: 3 per week

► MDB330 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: ED19, ED50, ED54, ED55, IF71
Credit points: 12
Contact hours: 3 per week

► MDB331 EARTH SCIENCE CURRICULUM STUDIES

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: ED19, ED50, ED54, ED55, IF71
Credit points: 12
Contact hours: 3 per week

► MDB332 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; and issues and directions in curriculum development.

Courses: ED19, ED50, ED54, ED55, IF71
Credit points: 12
Contact hours: 3 per week

► MDB333 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, ED19, ED50, ED54, ED55, IF71
Credit points: 12
Contact hours: 3 per week

► MDB334 MATHEMATICS 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: ED19, ED50, ED54, ED55, IF71
Credit points: 12
Contact hours: 3 per week

► MDB335 PHYSICS CURRICULUM STUDIES

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: ED19, ED50, ED54, ED55, IF71
Credit points: 12
Contact hours: 3 per week

► MDB336 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; and issues and directions in curriculum development.

Courses: ED19, ED50, ED54, ED55, IF71
Credit points: 12
Contact hours: 3 per week

► MDB337 SCIENCE CURRICULUM STUDIES

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: ED19, ED50, ED54, ED55, IF71
Credit points: 12
Contact hours: 3 per week

► MDB338 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: ED19, ED50, ED54, ED55, IF71
Credit points: 12
Contact hours: 3 per week

► MDB345 SOFTWARE DEVELOPMENT FOR EDUCATIONAL CONTEXTS

Algorithmic thinking and its implementation form a major component within the Information Processing and Technology syllabus and is implemented in secondary schools. Prospective teachers of courses such as these require a sound foundation in the design and development of computer programs along with the understanding of procedural, data and object handling representations. Software design and development are closely bound to particular problems and 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
Credit points: 12
Contact hours: 3 per week

► MDB347 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 material for the classroom.

Courses: ED51, ED52
Credit points: 12
Contact hours: 3 per week

► 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 solv-
ing mathematical problems; analysis of students’ ‘everyday cognition’ together with their thinking in mathematical situations.

**Courses:** ED51, ED52

**Credit points:** 12 Contact hours: 3 per week

**MDB373 MATHEMATICS CURRICULUM 1**

The mathematical processes and structures underpinning: beginning mathematical ideas that are the building blocks and measurement are examined.

**Courses:** ED51

**Credit points:** 12 Contact hours: 3 per week

**MDB374 MATHEMATICS CURRICULUM 2**

Addresses the topics of: spatial reasoning (concepts, models, constructions, and reasoning processes); number, place value, and measurement are examined.

**Courses:** ED51

**Credit points:** 12 Contact hours: 3 per week

**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, computer supported studies and computer peripherals used in the production of computer-generated materials.

**Courses:** ED50, ED51

**Credit points:** 12 Contact hours: 3 per week

**MDB377 PROJECT PLANNING & 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, organization, and understanding. How tasks might be represented, sequenced and implemented is essential if technology is to be used to support 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

**Credit points:** 12 Contact hours: 3 per week

**MDB381 SCIENCE & TECHNOLOGY IN THE COMMUNITY & 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

**Credit points:** 12 Contact hours: 3 per week

**MDB382 PROBLEM SOLVING, CRITICAL THINKING & FUTURING**

Reviews state-of-the-art concepts and practices from problem-solving, critical thinking, and futuristic studies which have practical applications in the adult education and human resource development field. Participants may enhance their professional effectiveness in per-forming administrative, instructional, and program development responsibilities through modern problem-solving.

**Courses:** ED54

**Credit points:** 12 Contact hours: 3 per week

**MDB383 USING TECHNOLOGY IN THE CURRICULUM**

Examination and analysis of relevant curriculum documents, for example National Technology Education Committee requirements and Australian Curriculum Guidelines for the Use of Computers in Learning. curriculum developed as a result of the Wilshtire Report. Content will include models of learning and teaching technology; models for learning about information technology; and managing information technology resources.

**Courses:** ED52, IF82, IF84

**Credit points:** 12 Contact hours: 3 per week

**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:** ED50, ED56, IF82, IF84

**Credit points:** 12 Contact hours: 3 per week

**MDB385 INFORMATION TECHNOLOGIES IN EDUCATION**

A critical reflection on the history of technological development and the social impact of these developments combined with issues relating to the uses of information technologies in teaching and learning. Lecture sessions with workshop and laboratory sessions will assist students to become competent in applying information technologies to academic tasks accessing electronic information sources, creating documents, engaging in computer-based dialogues, analysing, and evaluating.

**Courses:** ED43, ED51, ED52

**Credit points:** 12 Contact hours: 3 per week

**MDB386 MATHEMATICS FOUNDATIONS**

Introduce prospective teachers in the primary school to the topics and issues that are important to mathematics today. The unit will begin by exploring the ideas of mathematics in today's society and continue by looking at the history of mathematics relating to mathematics as it is presented in modern day classrooms. The historical and social analysis will look at the development of the structure of the unit. From this introduction, the formal connections between the disciplines - number, geometry and measurement - will be further analysed. The students will see that mathematics is a discipline with applications that are used in other communities.

**Courses:** ED43, ED51, ED52

**Credit points:** 12 Contact hours: 3 per week

**MDB387 SCIENCE FOUNDATIONS**

Develop students’ understanding of the concepts related to fundamental materials, energy, and change. Students will also examine issues such as the nature of science, the development of major concepts of science, the development of communication in science, and the relationship between science and society.

**Courses:** ED43, ED51, ED52

**Credit points:** 12 Contact hours: 3 per week

**MDB388 GAMING & CHANCE**

Discover the world of probabilistic mathematics, mathematics, and probability through games and activities that have application in mathematics teaching.

**Courses:** ED51

**Credit points:** 12 Contact hours: 3 per week

**MDB389 LIFE & LIVING PROCESSES**

The interaction of organisms and their physical environment, and the role of living on 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

**Prerequisites:** MDB387

**Credit points:** 12 Contact hours: 3 per week

**MDB390 NATURAL & PROCESSED ENVIRONMENTS**

An introduction to computer systems, including hardware, software, and networks. An understanding of computer hardware and software used in education. The focus will be on the technical management of personal and networked computers commonly found in schools. Students will use an appropriate educational and/or programming language to apply their understandings of computer systems to a practical situation.

**Courses:** ED52, ED51

**Prerequisites:** MDB383

**Credit points:** 12 Contact hours: 3 per week

**MDB391 EARTH & SPACE**

An introduction to the science of natural and technical processes in the environment. The interaction of organisms and their physical environment, and the role of technology in understanding natural processes and processes that are important to the environment and the role of human beings in environmental decision-making. The need for a scientific understanding of the environment and the role of technology in understanding the environment and the role of human beings in environmental decision-making.

**Courses:** ED52, ED51

**Prerequisites:** MDB387

**Credit points:** 12 Contact hours: 3 per week

**MDB392 EDUCATIONAL COMPUTING ENVIRONMENTS**

An introduction to computer systems, including hardware, software, and networks. An understanding of computer hardware and software used in education. The focus will be on the technical management of personal and networked computers commonly found in schools. Students will use an appropriate educational and/or programming language to apply their understandings of computer systems to a practical situation.

**Courses:** ED52, ED51

**Prerequisites:** MDB383

**Credit points:** 12 Contact hours: 3 per week

**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

**Prerequisites:** MDB383

**Credit points:** 12 Contact hours: 3 per week

**MDB395 MARINE STUDIES**

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 defend the environment for survival. 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

**Credit points:** 12 Contact hours: 3 per week

**MDB396 EXCURSIONS IN GEOMETRY**

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 defend the environment for survival. 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

**Credit points:** 12 Contact hours: 3 per week

**MDB397 MULTIMEDIA**

Understanding multimedia and multimedia systems. Application of multimedia in education
and training. Multimedia authoring software. Designing and creating multimedia applications for education.

**Courses:** ED51, ED52

**Prerequisites:** MDB383/Corquisites: MDB383

**Credit points:** 3 per week

**Uni:** MDB411 EARLY CHILDHOOD MATHEMATICS TEACHING, LEARNING & ASSESSMENT

Theoretical foundations and research; logical sequence of mathematics and children's cognitive development; content and learning experiences for early childhood; integration and application.

**Courses:** ED26, ED61

**Credit points:** 12 Contact hours: 3 per week

**Uni:** 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

**Credit points:** 12 Contact hours: 3 per week

**Uni:** MDB429 INITIATIVES IN SCIENCE EDUCATION

Students will have the opportunity to explore alternative science education, particularly through the development of research-based project work for children, the extended excursions 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 that fully extend each child, including the exceptional child.

**Courses:** ED26, ED51, ED61

**Credit points:** 12 Contact hours: 3 per week

**Uni:** MDB440 COMPUTERS & 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

**Credit points:** 12 Contact hours: 3 per week

**Uni:** MDB446 SCIENCE FOR EARLY CHILDHOOD

Young children are naturally curious and enthusiastic about their environment. This unit aims to help students to develop the skills of scientific inquiry in science and to enable children to become scientifically literate citizens of the future. Topics covered include the development of process skills, theories of learning and development relevant to the science education of young children, learning experiences and activities.

**Courses:** ED26

**Credit points:** 12 Contact hours: 3 per week

**Uni:** MDB449 INFORMATION TECHNOLOGIES TO SUPPORT EFFECTIVE LEARNING AND TEACHING

A critical study of the factors that affect the construction of effective learning and teaching environments, which 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 micro-context and its wider social macrocontext. 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 nature 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:** ED13, ED11, ED61

**Credit points:** 12

**Uni:** MDB628 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, the development of 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

**Uni:** MDB626 PEDAGOGY IN MATHEMATICS EDUCATION

Study of mathematics education in its classroom micro-context and its wider social macrocontext. 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 nature 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:** ED13, ED11, ED61

**Credit points:** 12

**Uni:** MDB627 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 mathematics.

**Courses:** ED11, ED13, ED61

**Credit points:** 12

**Uni:** MDN628 CONCEPTUAL SCIENCE CURRICULUM: CONTEXT AND IMPLEMENTATION

Expands the formal training and practical experiences of science educators from different educational fields teaching early childhood, primary, secondary and post-compulsory education. Major topics include changing goals and paradigms in science education, science curriculum theory and design, science curriculum implementation and evaluation, and contemporary issues in science curriculum. A combination of directed readings, seminar discussions and independent research is negotiated with students to optimise learning experiences and relevance of the unit for individual science educators.

**Courses:** ED13, ED11, ED61

**Credit points:** 12

**Uni:** 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

**Uni:** MDN630 LEARNING & TEACHING IN CONTEMPORARY SCIENCE CLASSROOMS

Overview of current learning theories of relevance for science education, relationship with a particular science classroom phenomenon, such as constructivist applications. 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 in science environments.

**Courses:** ED11, ED13, ED61

**Credit points:** 12

**Uni:** 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

**Uni:** MDP503 INCOMPATIBLE WITH: MDB503

**Uni:** MDN633 CURRICULUM STUDIES IN TECHNOLOGY EDUCATION

Curriculum theory; intended, developed and enacted curriculum; curriculum 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

**Uni:** 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 used in teaching and learning episodes.

**Courses:** ED18

**Credit points:** 12 Contact hours: 3 per week

**Uni:** MDN636 UNDERSTANDING CONCEPTS IN MATHEMATICS AND SCIENCE

The nature of mathematical and scientific inquiry. Key mathematical and scientific concepts found in primary and/or secondary curricula. The characteristics of and conditions for under-
standing key mathematical or scientific concepts. The structuring of learning experiences taking into account the use of appealing metaphors, exemplars and connections.

Courses: ED13, ED11, ED61
Credit points: 12 Contact hours: 3 per week

► MDP503 INFORMATION SYSTEMS IN EDUCATION
Explores some of the characteristics and applica-
tions of information systems in an educational con-	extcontext. How information is modelled, stored and retrieved using relational database tech-
niques; the impact on society of the use of in-
formation systems; the pedagogies associated with teaching about and using information sys-
tems in schools are explored.

Courses: ED21, ED61
Credit points: 12 Contact hours: 3 per week

► MDP504 SCHOOL ADMINISTRATION USING INFORMATION TECHNOLOGY
The use of information technologies in the ad-
ministration of schools; explores a range of ad-
ministrative packages; cost benefits and ethical implications.

Courses: ED21
Credit points: 12 Contact hours: 3 per week

► MDP506 COMPUTER EDUCATION
Offers students the opportunity to extend expert-
tise gained in other units in the Graduate Di-
ploma in Education (Computer Education). Under supervision, students select a problem relevant to computer education and implement a solution.

Courses: ED21, ED61
Credit points: 12 Contact hours: 3 per week

► 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 In-
formation Processing and Technology syllabus and the Practical Computer Methods syllabus.

Courses:
Prerequisites: MDP503, MDP532
Corequisites: MDP537
Credit points: 12 Contact hours: 3 per week

► MDP508 COMPUTER USE IN THE PRIMARY CURRICULUM
Examines the extent to which computers may be used to help school problems in the primary cur-
riculum. Study of the use of Logo, adventure games, and 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
Credit points: 12 Contact hours: 3 per week

► MDP529 DIAGNOSTIC ASSESSMENT & REMEDIAL INTERVENTION IN MATHEMATICS
Overview of learning difficulties of mathemat-
ic skills and concepts at all levels. Diagnostic assessment of mathematical competencies in-
cluding teacher made, commercial and govern-
ment 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: ED22, ED28, ED50, ED55, ED61, ED70-79
Credit points: 12 Contact hours: 3 per week

► MDP530 COMPUTER APPLICATIONS IN EDUCATION
Aims to develop and maintain technological and understandings while investigating applications of these technologies in the context of teaching and learning. A wide range of computer applications will be considered, including writing, publishing, graphics, communications, and project manage-
ment tools.

Courses: ED21, ED61
Credit points: 12 Contact hours: 3 per week
Incompatible with: MDP505

► MDP531 INVESTIGATIONS INTO COMPUTER-ASSISTED LEARNING
The use of interactive technology in the teach-
ning/learning process; approaches to and uses of computers and learning intermedia authoring sys-
tems such as Hypercard, Linkways and Tool-
book, and their applications in multimedia envi-
rnments.

Courses: ED21, ED61
Credit points: 12 Contact hours: 3 per week
Incompatible with: MDP501

► MDP532 COMPUTER SYSTEMS IN AN EDUCATIONAL CONTEXT
An introduction to educational computer sys-
tems; it includes a study of problem-solving us-
ing computers, the architectures of computer systems, operating systems and an introduction to computer programming using appropriate educational systems.

Courses: ED21, ED26
Credit points: 12 Contact hours: 3 per week
Incompatible with: MDP509

► MDP533 TEACHING INFORMATION SYSTEMS IN EDUCATIONAL CONTEXT
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 speci-
fication documents for information system im-
plementation within an educational context; the practical use of such tools such as relational languages and CASE tools used by students to implement small educational information systems.

Courses: ED21
Prerequisites: MDP503
Credit points: 12 Contact hours: 3 per week
Incompatible with: MDP509

► MDP534 EDUCATIONAL APPLICATIONS OF ARTIFICIAL INTELLIGENCE
Artificial Intelligence (AI) as a discipline im-

cing on education, philosophical issues, and methods used in AI; focuses particularly on AI applications which cross broad areas of the school curriculum; provides appropriate curricu-

lum support for teachers of the AI topic within the Information Processing and Technology unit at a secondary school level.

Courses: ED21
Prerequisites: MDP535
Credit points: 12 Contact hours: 3 per week
Incompatible with: CSP842

► MDP535 INTELLIGENT SOFTWARE DEVELOPMENT
Data, procedural and object-oriented abstrac-
tions used in conjunction with modular pro-
tools and expert systems; understanding of the use, used to solve problems from a wide range of practical educational applications especially with respect to the development of educational soft-
ware.

Courses: ED21
Prerequisites: MDP532
Credit points: 12 Contact hours: 3 per week
Incompatible with: CSP837

► MDP536 COMPUTER GRAPHICS IN TEACHING
The use of computer graphics to enhance teach-
ing and learning in a school environment. A problem-solving approach is employed and stu-
dents 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
Credit points: 12 Contact hours: 3 per week

► MDP537 MAJOR ISSUES IN COMPUTER EDUCATION
The application and implication of the use of in-
formation technology in an educational envi-
rnment; the impact of teaching, learning and the curriculum.

Courses: ED21, ED61
Credit points: 12 Contact hours: 3 per week
Incompatible with: MDP502

► MDP538 COMPUTERS IN THE SECONDARY CURRICULUM
Explores the impact of information and commu-
nication technologies on those segments of the secondary curriculum where the emphasis is otherwise 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

► MDPB36 SAFETY TECHNOLOGY 1
This unit provides students with the skills to en-
able them to recognise the causes of and meth-
ods for preventing (or minimising) accidents, fires and explosions associated with engineering components, structures, plant and processes. Students will gain particular knowledge of haz-
ards and associated controls associated with the manufacturing, construction and mining indus-
tries.

Credit points: 12 Semester offered: 1

► MEND101 RESEARCH METHODOLOGY
Basic research methodology is an essential com-
pONENT for any student expected to undertake re-
search. This unit will provide the basic knowledge of research, qualitative and qua-
titative research methodologies and a range of tech-
niques to become critical users of existing research findings.

Courses: CE75, EE77, ME80
Prerequisites: Nil
Corequisites: Nil
Credit points: 12
Campus offered: GP
Semester offered: 1

► MEN170 SYSTEMS MODELLING & SIMULATION
The concept of a model and model building: techniques for the solution of the models; exam-
pl es of analytical models such as inventory mod-
els, Markov chains, queuing models; simulation as decision making tools; simulation modelling for simula-
tion and practical exercises in simulation using computer simulation software in the areas of manufacturing systems and maintenance.

Credit points: 12

► 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 modelling techniques; classification systems for part family formation for production and tooling; benefits of computer aided process planning; in-

troduction and installation of advanced manufactur-
ing cells and systems including robotics, automated guided vehicles, on-line computer aided inspection, automation, material handling, support technologies and planning for CIM.

Courses: ME75, ME76
Credit points: 12

► MEN172 COST ANALYSIS & ASSET MANAGEMENT
Provides students with skills to: analyse cost and understand different costing methods and their implications; evaluate engineering decisions un-
der different cost allocation methods; appreciate the role of variance analysis as a management tool; estimate cash flows; make lease versus buy decisions and budgeting.

Courses: ME75, ME76
Credit points: 12

► MEN175 ENERGY & ENVIRONMENTAL MANAGEMENT
Properties and testing methods of solid, liquid and gaseous fuels; combustion calculations; flue gas analysis; energy tariff and major ap-
lications 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.

Courses: ME75, ME76
Credit points: 12

Contact hours: 3 per week

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UNIT SYNOPSIS

**MEN177 TOTAL QUALITY MANAGEMENT**

The unit introduces students with an understanding of the underlying philosophy and practice of TQM including learning some basic tools for quality control. Concepts covered include: quality as a competitive strategy; the evolution of quality management; elements of quality management; operationalising quality through customer-focused measurements; managing change; total employee participation; benchmarking and TQM in modern economies.

Courses: ME75, ME76
Credit points: 12
Contact hours: 3 per week

**MEN190 PROJECT MANAGEMENT**

Substantial piece of work relevant to the course and to the student in the form of a written report on a specific basis; report is examined and marked by academic supervisor in consultation with industry supervisor.

Courses: ME75, ME76
Credit points: 12
Contact hours: 3 per week

**MEN241 RELIABILITY & MAINTENANCE MANAGEMENT**

Overview of maintenance responsibilities and tasks; organisation for maintenance; creating a maintenance plan with reliability; availability; maintenance: planning analytically in terms of inventory management; cost downtime; downtime reduction; planning shutdowns/turnarounds; performance measurement; maintenance management; documentation and document control; configuration management; computer-based maintenance management systems; total productive maintenance (TPM); condition monitoring; financial analysis for asset management.

Courses: ME75, ME76
Credit points: 12
Contact hours: 3 per week

**MEN222 ENTERPRISE RESOURCE PLANNING**

The aim of this unit is to provide students with an understanding of the underlying philosophy and practice of resource planning. Topics covered are functions and interrelationships 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
Credit points: 12
Contact hours: 3 per week

Incompatible with: ME76

**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
Credit points: 12
Contact hours: 3 per week

**MGB007 HUMAN RESOURCE ISSUES & STRATEGY**

This unit introduces engineering students to the fundamentals of management so that they can perform a managerial role at a basic level, with the capacity to identify key issues and to develop themselves further as required. It covers the managerial functions of planning, organising and controlling for new ventures, as well as the management of people and conflict. It takes an integrated approach to quality in all areas of management. It introduces service management, technology and innovation.

Courses: ME41, ME42
Credit points: 12
Semester offered: 2

**MGB201 THE LEGAL CONTEXT OF PROJECT MANAGEMENT**

The unit provides an overview of the complex legal, social and political arrangements underpinning organisational life in Australia. A multi-disciplinary perspective is used to examine two specific areas. Social, economic and State contexts are examined to provide the wider context within which the law develops and changes. The broader implications of national membership of international bodies such as the International Labour Organisation and the United Nations, and the ratification of treaties is also examined. 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 workplace, and the institutions governing the contact between the different parties involved in the employment relationship. Current issues are examined from the perspectives 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, IF41, IF47, IF48, IF61, IF62
Prerequisites: MGB222
Credit points: 12
Contact hours: 3 per week
Incompatible with: HR183
Campus offered: CA, GP
Semester offered: 1

**MGB202 EQUITY & DIVERSITY MANAGEMENT**

The historical, cultural 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, IF28, IF30, IF41, IF47, IF48, IF62
Prerequisites: BS8114
Credit points: 12
Contact hours: 3 per week
Incompatible with: HR183
Campus offered: GP
Semester offered: 2

**MGB203 GOVERNMENT-BUSINESS INTERFACE**

This unit will provide students with an essential understanding of the complex and dynamic relationships between government and business. The unit will examine different types of relationships between government and business including political, regulatory and commercial relationships. The unit will also examine the capacity of various business sectors to influence the political system of Australia in an international context.

Courses: BS56, IF28, IF30, IF41, IF47, IF48, IF62
Prerequisites: BS8114
Credit points: 12
Contact hours: 3 per week
Incompatible with: EBP125, EPN101
Campus offered: GP
Semester offered: 2

**MGB207 HUMAN RESOURCE ISSUES & STRATEGY**

This unit identifies a range of contemporary human resource management issues facing Australian organisations. These are explored and analysed through a range of different types of relationships between government and business including political, regulatory and commercial relationships. The unit will examine the capacity of various business sectors to influence the political system of Australia in an international context. This unit will provide students with an essential understanding of the complex and dynamic relationships between government and business. The unit will examine different types of relationships between government and business including political, regulatory and commercial relationships. The unit will also examine the capacity of various business sectors to influence the political system of Australia in an international context.

Courses: BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: BS8114
Credit points: 12
Contact hours: 3 per week
Incompatible with: EBP125, EPN101
Campus offered: CA, GP
Semester offered: 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 workplace cultures.

Courses: BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62, PU40
Prerequisites: MGB220
Credit points: 12
Contact hours: 3 per week
Incompatible with: HR130
Campus offered: CA, GP
Semester offered: 1, 2

**MGB216 MANAGING TECHNOLOGY, INNOVATION & 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 in economic development.

Courses: BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: MGB222
Credit points: 12
Contact hours: 3 per week
Incompatible with: HR183
Campus offered: CA, GP
Semester offered: 2

**MGB218 VENTURE SKILLS**

This unit examines and compares the new venture creation process for the new and old econom-
This unit is designed to provide students with a conceptual map for conducting research. The lecture and tutorial program proceeds through the general research process, moving from establishing a research question, determining a theoretical framework, collecting the data, choosing appropriate data analysis techniques, drawing conclusions, and reporting research outcomes. An emphasis is placed on both qualitative and quantitative research methodologies.

**Prerequisites:**
- SB56, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Campus offered:**
- CA, GP

**Semester offered:**
- 1, 2

**MGB222 PERFORMANCE & 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 understanding the role 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.

**Prerequisites:**
- MGB207

**Credit points:**
- 12 (CA, GP only)

**Campus offered:**
- CA, GP

**Semester offered:**
- 1

**MGB223 MANAGING ORGANISATIONS**

This unit develops an understanding of the organisation in its both internal and external environments and the demands of managing the organisation’s resources and performance. It raises contemporary issues in management and the role of competitive advantage, focusing on various organisational sub-systems including HR, technology, structure and design.

**Campuses:**
- BS56, BS56, IF28, IF30, IF41, IF47, IF48, IF48, IF61 & IF62

**Prerequisites:**
- SB56

**Credit points:**
- 12

**Campus offered:**
- CA, GP

**Semester offered:**
- 1, 2

**MGB224 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 will develop a comprehensive plan of their business concept. Students can progress from this unit to MGB218 Venture Business Planning to undertake this unit.

**Courses:**
- BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:**
- 96 credit points of approved study

**Credit points:**
- 12

**Campus offered:**
- GP

**Semester offered:**
- 1

**MGB224 AUSTRALIAN INDUSTRIAL RELATIONS**

This unit examines recurrent themes and key experiences in Australian industrial relations. It traces the evolution of current institutions and practices, situating them within the broader context of social and industrial relationships. At each stage issues will be viewed from a wide angle, seeing them as a product of a range of political, social, economic and industrial experiences. The unit aims to provide an insight into the complexities of Australian industrial relations.

**Prerequisites:**
- SB56, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Credit points:**
- 12

**Campus offered:**
- GP

**Semester offered:**
- 2

**MGB306 INDEPENDENT STUDY**

Enables students to demonstrate an ability to direct their own learning, a key competence for professional practice. students will undertake a task in their area of expertise, students either individually or in small groups, undertake one or more tasks with the approval of a supervisor. The focus is on research (mini-thesis), project, practicum (work placement), or alternative deemed acceptable by the supervisor.

**Courses:**
- BS56

**Prerequisites:**
- 96 credit points of approved study and permission of the major coordinator

**Credit points:**
- 12

**Campus offered:**
- GP

**Semester offered:**
- 1, 2

**MGB307 INTERNATIONAL HUMAN RESOURCE MANAGEMENT**

Overviews international business management, and develops an understanding of the role of human resources management in an international context. Specific human resource processes are detailed, including: expatriate selection, cultural orientation, 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, will be a focus for discussions throughout this unit.

**Courses:**
- BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:**
- MGB207

**Credit points:**
- 12

**Campus offered:**
- GP

**Semester offered:**
- 1

**MGB315 PERSONAL & PROFESSIONAL DEVELOPMENT**

Develops professional and personal competencies (in both cognitive and affective domains) necessary in a human resource professional and professional development contexts. personal awareness and understanding, interpersonal competencies, and professional skills. Also examines influence processes, negotiation and conflict resolution.

**Campuses:**
- BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:**
- MGB211

**Credit points:**
- 12

**Campus offered:**
- GP

**Semester offered:**
- 1, 2

This unit focuses upon developing manager’s understanding of the strategy concept and placing the fundamental elements of strategy in a framework that can be used in the planning process. The framework is developed within the particular context of Australia’s economic development position. Specific attention is directed to the fact that many managers make decisions that can have strategic implications, the emphasis is upon studying that process and content issues that can affect strategic performance and positioning of the organisation. This will involve creating an understanding of the universal building blocks of successful international competitive advantage at the business, corporate and international levels. To achieve this understanding, simple and relatively complex management decision processes are explored in an interdisciplinary setting involving the analysis of theories, concepts, and processes as a way of developing a generalist strategy framework. By understanding the nature and determinants of competitive and strategic advantages, students should enhance their professional competences and be well positioned to take a more strategic and critical perspective towards changing management trends and organisational frameworks.

**Courses:**
- BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:**
- MGB222

**Credit points:**
- 12

**Campus offered:**
- GP

**Semester offered:**
- 1

**MGB314 ORGANISATIONAL CONSULTING & CHANGE**

Managing change is a fundamental skill required by prospective managers and professionals. This unit provides opportunities to develop a theory in practice orientation to consulting to individuals, groups and organisations. The personal and professional competencies necessary to address this 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 productively participate in organisational change teams.

**Courses:**
- BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:**
- MGB221

**Credit points:**
- 12

**Campus offered:**
- GP

**Semester offered:**
- 3

This unit responds to the rapidly expanding domain of professional knowledge and skills necessary to manage the workplace in a personal and professional capacity. The emphasis is upon developing the professional competencies in business management personal awareness and understanding, interpersonal competencies, and professional skills. Also examines influence processes, negotiation and conflict resolution. Throughout, it emphasizes the design of processes to achieve outcomes and skills of reflective practice. The focus in our role as managers, to enhance individual competence and leadership skills to enhance effectiveness.
UNIT SYNOPTES

Courses: BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: MGB211
Credit points: 12
Incompatible with: HRB104
Campus offered: CA, GP
Semester offered: 1, 2

► MGB320 RECRUITMENT & SELECTION
This unit focuses 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 designed, and considered from the perspective of the organisation and the individual. Personnel selection techniques are examined in relation to technical issues of feasibility, 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
Credit points: 12
Contact hours: 3 per week
Incompatible with: HRB134
Campus offered: GP
Semester offered: 2

► MGB321 ADVANCED PRACTICE IN RECRUITMENT & SELECTION
This unit draws on conceptual foundations established in MGB221. 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: applicants, 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, IF28, IF30, IF41, IF48, IF62
Prerequisites: MGB320
Credit points: 12
Contact hours: 3 per week
Incompatible with: HRB134
Campus offered: GP
Semester offered: 2

► MGB325 ADVANCED PRACTICE IN TRAINING & 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 learning, examine advances in training methodologies, career development, focus on transfer of training and investigate how to evaluate the effectiveness of training interventions. Practical project and research design. The unit will also highlight the important characteristics of a competent trainer.
Courses: BS56, IF28, IF30, IF41, IF47, IF48, IF61
Prerequisites: MGB331
Credit points: 12
Credit points: 12
Incompatible with: HRB101
Campus offered: GP
Semester offered: 1

► 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 into a focus on ‘dot.com’ companies to examine how a range of organisations both small and large are engaging with issues associated with e-business. This unit draws on conceptual foundations established in MGB220. Personnel selection techniques are examined in relation to technical issues of feasibility, 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: MGB212 or 96 credit points of approved studies
Credit points: 12
Contact hours: 3 per week
Incompatible with: BS33120
Campus offered: CA, GP
Semester offered: 1, 2

► MGB335 PROJECT MANAGEMENT
This unit develops knowledge in the operational areas of project management through the combination of theory and practical application. This knowledge is constructed around a framework of the central issues of planning, application and evaluation. Case studies and project simulations are used throughout the unit. The unit seeks to develop project and self-management skills through strategic decision-making and understanding of leadership and professional practice.
Courses: BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: MGB222 or 96 credit points of approved studies
Credit points: 12
Contact hours: 3 per week
Incompatible with: BS33120
Campus offered: CA, GP
Semester offered: 1, 2

► MGB336 ADVANCED MANAGEMENT RESEARCH METHODS
This unit provides students with an advanced understanding of the research methods necessary for higher level or postgraduate research projects. Preceding methods units introduce research methodology and examined selection of research methods. This unit explores 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, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: MGB220
Credit points: 12
Contact hours: 3 per week
Campus offered: GP
Semester offered: 2

► MGB337 SPECIAL TOPIC
This course allows students to undertake a detailed study on a topic area relevant to particular needs. Permits an in-depth examination of an issue of importance. Concentration upon a single issue examined, and the academic member(s) involved (including short-term visiting academics).
Courses: BS56
Prerequisites: 96 credit points of approved studies and permission of major coordinator
Credit points: 12
Contact hours: 3 per week
Campus offered: GP
Semester offered: 1, 2

► MGN402 GOVERNMENT-BUSINESS RELATIONS
The relationship between government and business, especially in Australia; the historical development of the relationships that exist between the private and public sectors and of the impact that the policy decision of each has on the operations of the other. Case studies are used to explore these relationships and contemporary trends.
Courses: BS30, BS39, BS93, GS70, GS80, GS81
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: EPN101
Campus offered: GP
Semester offered: 1

► MGN404 MANAGING & ORGANISING GLOBAL FIRMS
Aims to provide a detailed examination of the typical impacts of the international environment upon the organisation, management, structure, operations and human resource capacities. In addition, the unit will discuss management issues that are faced by organisations entering into export markets.
Courses: BS63, BS93
Prerequisites: PG only
Credit points: 12
Campus offered: GP
Semester offered: 1, 2

► 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 will be explored both singularly and in teams. Case studies will be used to analyse a variety of problems from view of relevant academic disciplines.
Courses: BS23, BS98, BS39
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: HRN104
Campus offered: GP
Semester offered: 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; labour-management relations; government regulation in the employment area; negotiating skills; the resources required for mobilising change in this area.
Courses: BS30, BS39, ED23, GS10, GS11, GS13
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: HRN108
Campus offered: GP
Semester offered: 1

► MGN412 PEOPLE IN ORGANISATIONS
The internal operation of organisations and the current issues of organisation and management and the behaviour of people in them; exploration of a range of theories and models of individual, group and organisational level influences on behaviour. This exposure encourages students to critically evaluate such theories and models, and the implications for management behaviour.
Courses: BS30, BS39, ED23
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: HRP111
Campus offered: GP
Semester offered: 1

► MGN413 QUALITY SYSTEMS MANAGEMENT
Quality management principles and systems put emphasis on customer satisfaction. This unit will examine the practical application of various approaches; introduction to management theories and concepts; relation to and impact on strategic management and the management of quality issues.
Courses: BS30, BS93
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: HRP111
Campus offered: GP
Semester offered: 1

► MGN421 STRATEGIC HRM
HRM is concerned with the relationship between people management strategies and organisational goals and objectives. This capstone unit provides HRM students with the opportunity to apply their learning to this relationship in a systematic way. This unit requires them to produce high quality HRM advice that provides direction for practising 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: PG only
Credit points: 12
Contact hours: Flexible Mode
Campus offered: GP
Semester offered: 2

► MGN422 CONTEMPORARY ISSUES & PRACTICES IN EMPLOYEE RELATIONS
This unit will provide human resource practitio- ners with skills and knowledge to cope with changing employee relations, conditions, and work practices in Australia. The focus of the unit

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is on issues relating to changes in industrial relations and how these impact on HR practice. The primary focus is on the Australian scene, although students will draw comparisons from their own experience within or outside Queensland. The subject provides the only systematic treatment of the role of trade unions, groups and parties, and inter-governmental agencies in the formulation of public policy; accountability requirements through parliamentary and other agencies; and the mechanisms for service delivery; and inter-governmental relations, including the role of local governments in the federal system.

Courses: BS39, BS93
Prerequisites: PG only
Credit points: 12
Contact hours: Flexible Mode
Campus offered: GP Semester offered: 2

► MGN424 INTERNATIONAL DIMENSIONS OF HRM
This course externalises the international dimensions of HRM, principally as they affect domestic organisations operating internationally, as well as multinational, global and transnational organisations. Special attention is given to those skills necessary to function efficiently and effectively at a strategic level in management, with particular emphasis on the skills and understanding necessary for operating in a cross-cultural environment. The knowledge and skills necessary for effective personal function in a cross-cultural setting are examined, as well as those necessary for managing others who are operating in such environments. Specifically, the unit is a major component of the Master of Business (HRM) program. Topics include: the competitive context of HRM (corporate transnationalism); the strategic context of HRM (corporatisation and privatisation); the cultural context of HRM (corporate transnationalism); the strategic implications, the emphasis is upon studying 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: BS39
Prerequisites: PG only; with an UG specialisation in Business or Commerce, or equivalent entry to MGN504
Campus offered: GP Semester offered: 2

► MGN527 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 global environments and the quality of work life. The subject examines human resource management as a multiple consistency, functional and strategic perspective. 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: BS39, BS93
Prerequisites: PG only
Credit points: 12
Contact hours: Flexible Mode
Campus offered: GP Semester offered: 1, 2

► MGN501 READEINGS IN MANAGEMENT
Examination in detail of advanced theory and issues from chosen disciplinary 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 critique and review. This work is carried out in consultation with the supervisor.

Courses: BS39, BS92
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: HRN118
Campus offered: GP Semester offered: 1

► MGN505 CONSULTING & CHANGE MANAGEMENT
The origins, nature and effect of social change on individuals, organisations and communities; how organisations help to make change possible; new strategies will be used to explore planned and unplanned changes currently occurring, particularly as these relate to the possible futures; emphasis will be on the strategies and skills required to initiate and participate in effective change management.

Courses: BS39, BS93
Prerequisites: PG only
Credit points: 12
Contact hours: Flexible Mode
Campus offered: GP Semester offered: 1

► MGN506 CONTEMPORARY ISSUES IN HRM
Postgraduate students need to be familiar with the contemporary issues and the current theoretical, practical and policy 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 objective of this unit is to identify, analyse and report on contemporary issues in HRM. To research information relevant to identified topics. To evaluate the content and principles of 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
Incompatible with: HRN115
Prerequisites: PG only
Credit points: 12
Contact hours: Flexible Mode
Incompatible with: HRN115
Campus offered: GP Semester offered: 1

► MGN507 CONTEMPORARY ISSUES IN MANAGEMENT
Examination of advanced advanced theory and issues from their chosen field of study. Such study may include an analysis of the historical development of the field, interactions with other fields, current significant issues and practices (including ethics), and advanced methodology and research. The content of the unit 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
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: HRN119
Campus offered: GP Semester offered: 2

► 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 resource function in an organisation, and report observations; (b) relate these observations to relevant theory and methodology; (c) develop an integrated view of human resources, including its functions, processes, stakeholders, environment. Finally, the unit will focus on any conceptual, theoretical, research or practical material relevant to the cases.

Courses: BS39, BS92, BS93
Prerequisites: PG only
Credit points: 12
Contact hours: Flexible Mode
Campus offered: GP Semester offered: 1, 2, 3

► 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 using a variety of conceptual frameworks. Topics include: policy design, formation and implementation, and theoretical policy analysis.

Courses: BS30, BS39, BS93
Prerequisites: PG only
Credit points: 12
Contact hours: Flexible Mode
Incompatible with: EPN104
Campus offered: GP Semester offered: 1

► MGN517 PROGRAM MANAGEMENT & EVALUATION
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 context.

Courses: BS30, BS39, BS93
Prerequisites: PG only
Credit points: 12
Contact hours: Flexible Mode
Incompatible with: EPN106
Campus offered: GP Semester offered: 1

► MGN524 SPECIAL TOPIC IN MANAGEMENT
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 dependent on the issue examined, and the academic member(s) involved (including short-term visiting academics).

Courses: BS39, BS93, IF93
Prerequisites: PG only
UNIT SYNOPTES

Credit points: 12
Course designation: Flexible Mode
Campus offered: Flexible Mode

► MGN525 SPECIAL TOPIC IN MANAGEMENT 2
Details: Students undertake a special topic, with a particular focus on an important area of management, which may include human resources, finance, marketing, strategy, and leadership. The project or research activity is aimed at enhancing students' understanding of the subject area and its application in the workplace. Credit points for this unit are determined by Course Coordinator.

Courses: BS93
Prerequisites: PG only
Credit points: 12

► MBB111 MECHANICAL ENGINEERING SCIENCE
Details: This unit covers the fundamentals of mechanica th mechanic engineering science and is associated with basic mechanics and thermofluids. The unit has four modules; module 1 - machines, frameworks, friction, velocity and acceleration, inertia and change of motion; module 2 - direct stress and strain, shear stress and shear and bending moment; module 3 - fluid at rest and in motion and momentum equation and module 4 - state of working fluids, conservation of energy (1st of Thermodynamics) and reversible and irreversible processes.

Courses: ME36
Prerequisites: Nil
Credit points: 12
Contact hours: 4 per week

► MBB12 DYNAMICS
Details: This unit concerns the motion of machines and structures that have to operate with high speeds and accelerations and the application of principles of the particular dynamic 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; co-ordinate 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: EE48, EE41, EE42, IF57, ME41, ME48, ME42
Prerequisites: MAB180 or MAB187 or MAB131, CE184 or CEB109
Credit points: 12
Contact hours: 4 per week

► MBB131 ENGINEERING MATERIALS
Details: This unit provides an introduction to Engineering Materials and Materials Science. Topic covered include: atomic bonding; thermodynamics of superheated metals; electrical; plastic deformation and fracture; recovery; recrystallisation; hot and cold deformation; creep and rupture; the theory of the introductory expression; heat treatment; alloying and strengthening in metals, polymers and ceramics.

Courses: CE44, CE45, EE48, EE41, EE42, IF42, IF57, ME36, ME41, ME48, ME42, SC01
Prerequisites: Nil

Credit points: 12
Contact hours: 4 per week

► MBB182 COMPUTER AIDED DESIGN AND DRAFTING
Details: This unit is about the use of computer in design and drafting and the application of modelling software. A variety of design tasks and project work will be part of the later part of the course. The aim is to expand previously acquired two dimensions CAT software skills to understood computer-aided and project needs and menu creation.

Courses: ME36
Prerequisites: Nil
Credit points: 12
Contact hours: 4 per week

► MBB191 INTRODUCTION TO ENGINEERING IN THE MEDICAL ENVIRONMENT
Details: 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 the unit healthcare system; medical terminology; medical technology and equipment; engineering and medical ethics case studies; engineering communication; engineering drawing.

Courses: ME48
Credit points: 12
Contact hours: 5 per week

► MBB211 MECHANICS 1
Details: All engineering designs must possess an appropriate/adequate degree of stability before they can be constructed safely and reliably in a serviceable environment. Mechanics 1 provides a synthesis of knowledge from the general principles of mechanics and demonstrates how they can be used to ensure the 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: IF57, ME36, ME41, ME48, ME42
Prerequisites: MAB188 or MAB132, CE184 or CEB109
Credit points: 12
Contact hours: 5 per week

► MBB212 MECHANICS 2
Details: Topics covered in this unit include: kinematic and dynamic analysis of planar linkages and mechanisms; link synthesis and its application to the design of rigid body 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 and matrix methods for static analysis; stress analysis of axi-symmetrically loaded members; Johnson's principal sections; introduction to experimental stress analysis.

Courses: ME41, ME42
Prerequisites: MEB314 or MEB211, MEB111 or MEB112
Credit points: 12
Contact hours: 4 per week

► MBB232 MATERIALS TECHNOLOGY
Details: Topics covered in this unit include: industrial shaping of metals; solidification theory and phase transformations; casting - alloys and defects; sintering and powder metallurgy; fundamental materials of ferrous metallurgy; non-ferrous metallurgy; welding and joining technologies; non-destructive testing; engineering with ceramics; processing of metals; composite materials; optical materials and optical properties.

Courses: ME36, ME41, IF57
Prerequisites: MEB133 or MEB134, MEB131
Credit points: 12
Contact hours: 5 per week

► MBB251 AERODYNAMIC PRINCIPLES
Details: Introductory concepts of fluid mechanics and thermodynamics; conservation of mass, energy and momentum, state properties of fluids, the standard atmosphere. Dimensional analysis; experimental aerodynamics; dynamic coefficients, Reynolds number; Mach numbers. Estimating aerodynamic forces and moments; fundamentals of aircraft performance; estimating range and endurance, take off and landing calculations, flight envelopes.

Credit points: 12
Contact hours: 4 per week

► MBB252 THERMOFLUIDS
Details: Topics covered in this unit include: operation and testing of engines; first and second laws of Thermodynamics; properties of working fluids including enthalpy, entropy and heat engine cycles; compressors and expanders; multi stage compression; laboratory and interests; fluid properties, properties of stationary and moving fluids; flow behaviour, pressure drops, Reynolds number; theory and applications of energy equations; power transmission; laboratory equipment.

Courses: IF57, ME36, ME41, ME48, ME42
Prerequisites: MAB188 or MAB132, CE184 or CEB109
Credit points: 12
Contact hours: 6 per week

► MMB273 MANUFACTURING PRACTICE 1
Details: This unit is about acquiring practical skills in basic manufacturing practice and the ability to appreciate the manufacturing processes to assist the students in the later part of the course in design and project works. The unit provides students with an introduction to material process selection and production of skills in basic manufacturing processes. The content of the unit includes, workplace health and safety, general fitting, weldment and metrology.

Courses: ME36
Prerequisites: Nil
Credit points: 12
Contact hours: 3 per week

► MMB274 MANUFACTURING PRACTICE 2
Details: This unit is about acquiring practical skills in basic manufacturing practice and the ability to appreciate the manufacturing processes to assist the students in the later part of the course in design and project works. The unit provides students with some knowledge of the operation, functions, accuracy and limitations of selected machine tools and related equipment in addition to developing some basic understanding of foundry methods and processes, Some basic understanding of CNC and CAM.

Courses: ME36, MMB273
Credit points: 12
Contact hours: 3 per week

► MMB281 FUNDAMENTALS OF MECHANICAL DESIGN
Details: This introductory design unit covers introduction to mechanical design, design procedure, system and functional approach to design, universal design principles and the application of design for 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: ME36, ME41, ME42, ME48
Prerequisites: BNB007 or MMB111 or MMB191
Corequisites: MBB211
Credit points: 12
Contact hours: 5 per week

► MMB292 BIOMATERIALS
Details: 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 the medical environment and an understanding of the fundamentals of materials properties and processing and consideration of biocompatibility, including metal, 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
Credit points: 12
Contact hours: 4 per week

► MMB300 PROJECT 2T
Details: 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
Prerequisites: As determined by Course Coordinator
Credit points: 12

► MMB302 PROJECT 2T
Details: 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
Prerequisites: As determined by Course Coordinator
Credit points: 12

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UNITS SYNOPSIS

MMB311 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 and air conditioning; combustion and water treatment; conduction, convection and radiation; condensation and boiling; forced and free convection; analysis of heat exchangers. Laboratory.

Contact hours: 4 per week
Credit points: Nil
Prerequisites: ME41, ME42
Courses: MMB252, MMB352

MMB352 FLUID MECHANICS
This unit provides students with an understanding of unsteady flow in closed conduits, performance of hydraulic machinery, design 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, compression and expansion), as well as 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 of reliability, selection of lubricants and methods of lubrication, machine components interrelationship (case studies). Students also learn solid modelling software and use it in a project to develop a solid model of a transmission.

Contact hours: 6 per week
Credit points: 12
Prerequisites: MMB211, MMB252
Courses: MBB211, MBB252

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 biofluidic phenomena; the relevance of these phenomena 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; hemato- and biotechnological processes; and the function of biomedical sensors.

Contact hours: 6 per week
Credit points: 12
Prerequisites: MMB252
Courses: MBB211, MBB252

MMB371 MANUFACTURING PROCESSES
Topics covered in this unit include: introduction to machining: chip formation; cutting forces, power, temperature and surface finish; concepts of orthogonal and oblique cutting, introduction to turning, milling, drilling and grinding opera-
tions; cutting fluid actions and applications; cutting tool materials, geometry and specification; tool life and tool life conditions; non-traditional machining processes; introduction to metrology; introduction to casting, welding, forging, metal forming processes; metal forming principles and theories; metal forming analysis techniques, forging, extrusion, rolling and cold working; ideal metal zones of extrusion defects, defects in rolling, limitations of forging, rolling, extrusion processes; sheet metal operations, press selection, blank layout, pressing back, analysis of the design methods for minimising spring back, introduction to drawing and deep drawing processes.

Contact hours: 4 per week
Credit points: 12
Prerequisites: Nil
Courses: IF30, MBB36, ME41

MMB374 DESIGN FOR MANUFACTURING
This unit covers the 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 systems and product development. Basic understanding of creating manufacturing specification.

Contact hours: 6 per week
Credit points: 12
Prerequisites: Nil
Courses: IF20, MBB36, ME41

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 of reliability, selection of lubricants and methods of lubrication, machine components interrelationship (case studies). Students also learn solid modelling software and use it in a project to develop a solid model of a transmission.

Contact hours: 6 per week
Credit points: 12
Prerequisites: MMB281
Courses: MBB211, MBB252

MMB391 BIOMECHANICAL ENGINEERING SYSTEMS
Topics covered in this unit include: an appreciation of the mechanical and morphological issues 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 from a biomech-

Contact hours: 6 per week
Credit points: 12
Prerequisites: MMB371, MMB374, MMB381
Courses: MBB211, MBB252

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UNIT SYNOPSIS

► MMB412 FINITE ELEMENT ANALYSIS
Design engineers must be exposed to modern techniques of analysis for design evaluation and optimisation. The finite element method provides a means of achieving this goal. Topics covered: introduction to the finite element method; introduction to simple models of material and structural behaviours; the Galerkin method of approximation for model differential equations; finite element and their characteristics; interpolation and shape functions and their relevance in FEA. All students will be provided with a copy of commercial finite element software package and will carry out analysis of engineering problems using the software.

Courses: ME41, ME42
Prerequisites: MMB311
Credit points: 12
Contact hours: 4 per week

► MMB413 INDUSTRIAL NOISE & VIBRATIONS
The unit is concerned with the study of methods of noise and vibration measurement and control as experienced in industry. Students are required to have a basic understanding of the theories and be capable of modelling and predicting noise and vibration in an industrial environment. Topics covered in this unit include: instrumentation and measurement; noise and vibration; behavior and analysis of sound waves, measurement of noise and noise criteria, attenuation from barriers and enclosures, introduction of the dynamic transmission through partition and noise reduction through partition; vibration generation and transmission, measuring vibration and analysis, instrumentation condition monitoring, fault diagnosis in rotating machines and vibration damper and control.

Courses: ME41, ME42
Prerequisites: MMB311
Credit points: 12
Contact hours: 4 per week

► MMB430 ADVANCED MATERIALS
Topics covered in this unit include: materials selection for unmanned systems applications; light alloys - aluminium and its alloys, principles of age hardening, aluminium-lithium alloys, issues in processing aluminium; light alloys - magnesium alloy, magnesium and magnesium based materials and products; fibre composites - Young's modulus, strength and fracture, major groups of fibre composites, design with composites; introduction to thin film deposition - physical vapour deposition, chemical vapour deposition, sol-gel deposition, thin film analysis & microstructure; ceramic structures and processing - classification of structures, property-structure relationships, defects in ceramic structures; the principles of processing; ceramic topic - related to current research in the field (e.g. case study in technology development: materials development for elderly energy efficient windows).

Courses: ME41, ME42
Prerequisites: MMB322, MMB324
Credit points: 12
Contact hours: 3 per week

► MMB432 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
Credit points: 12
Contact hours: 4 per week

► MMB451 ENERGY MANAGEMENT
Topics covered in this unit include: the systematic and strategic approach in determining energy use is monitored and analysed; individual treatment of electricity, fuels and their properties, compressed air, buildings, cycle requirements, pinch technology, energy, energy - related costs, equipment vs. financial analysis of the proposals. Environmental aspects will be considered for each topic.

Courses: ME41, ME42
Prerequisites: MMB252
Credit points: 12
Contact hours: 4 per week

► MMB461 PROCESS SYSTEMS DESIGN
This unit involves the design of various process plant equipment such as piping systems (including piping layout and support, design of support systems and pipe stressing), pressure vessels such as heat exchangers, cooling towers and cooling towers and the design of pumps and analysers, relevant to the correct design.
UNIT SYNOPSIS

NRB230 PLANET EARTH
Focuses on geological principles, formation and evolution of the Earth and the solar system, the origin of the Earth and the solar system, stratigraphy, geological time, dating and geological history, fossils, structural geology and plate tectonics, and the geological and applied geology. 
Courses: EDS0, SC01
Credit points: 12 Contact hours: 4 per week

NRB232 ENVIRONMENTAL GEOLOGY
Focuses on geological principles, formation and evolution of the Earth and the solar system, stratigraphy, geological time, dating and geological history, fossils, structural geology and plate tectonics, and the geological and applied geology. 
Courses: EDS0, SC01
Credit points: 12 Contact hours: 4 per week

NRB270 ANIMAL AND PLANT STRUCTURE AND FUNCTION
Emphasises the integration of major biochemical and physiological processes occurring in plants and animals. 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 co-ordination of organism function via biochemical feedback mechanisms, nervous and/or hormonal systems is outlined. 
Courses: EDS0, SC01
Credit points: 12 Contact hours: 4 per week

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) are introduced. Factors affecting life in freshwater systems, in the marine environment, and in general features of land management. 
Courses: EDS0, SC01
Credit points: 12 Contact hours: 4 per week

NRB311 POPULATION ECOLOGY
A broad theoretical background in the major concepts of plant and animal ecology. Topics include populations, dynamics of single populations, life history and demography, interactions within and between populations, population regulation, behavioural ecology and plant ecology. 
Courses: EDS0, SC01
Credit points: 12 Contact hours: 4 per week

NRB312 EXPERIMENTAL DESIGN
Emphasises practical considerations of field and laboratory-based experimentation in ecology, and the design in problem assessment, definition, formulation of testable hypotheses and experimental design. 
Courses: EDS0, SC01
Credit points: 12 Contact hours: 4 per week

NRB331 SEDIMENTARY GEOLOGY
Types of sediments and their classifications and occurrence; textures; grain size and analysis; and sedimentary strata, sedimentary environments and processes. The analysis of maps and sedimentary successions is approached using sediment type, stratigraphy, and sedimentary environments considered to cover environmental studies, coastal and land management, and mineral, petroleum and other resource assessment. 
Courses: SC01

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 methods and non-metaliferous depots are examined. 
Courses: SC01
Credit points: 12 Contact hours: 4 per week

NRB370 INVERTEBRATE BIOLOGY
The major focus of this unit will be examination of the diversity of invertebrate functional systems, behaviors and functions. These will be viewed in an evolutionary context. A brief overview of the diversity, phylogeny, and classification of invertebrates will be provided. Consideration will be restricted to the levels of superphylum and phylum. 
Courses: SC01
Credit points: 12 Contact hours: 4 per week

NRB371 PLANT BIOLOGY
Ever wondered what the first plant to crawl out of the sea looked like? This unit will take you on a journey to show you how they looked and lived. We'll use your imagination, some great photographs and maps to take you 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 - 440 million years ago, when the weather person reports a 20°C chance of comets and heavy rain with intermittant volcanic activity - oh, and also the first plants to colonise the land. 
Courses: EDS0, SC01
Credit points: 12 Contact hours: 4 per week

NRB400 ENVIRONMENTAL SYSTEMS
Develops a view of the environment as a nested hierarchy of systems in which man-environment interactions are placed in perspective. The systems approach provides a framework of the environment that allows the environmental scientist to dismantle the environment for analysis and then reassemble it so that the results of analysis can be incorporated into an integrated synthesis. This systems approach recognises that changes in one compartment of the environment affect others. This unit provides a standardised approach to the systems approach to environmental systems, focusing on mass and energy flows between them. It shows how fundamental thermodynamic laws, relating to the conservation of mass and energy, can be applied to environmental systems to improve understanding of environmental processes. 
Courses: SC01
Credit points: 72 Credit points: 72

NRB410 GENETICS AND EVOLUTION
This unit provides a basic understanding of the basic processes utilising Mendelian Genetics as a foundation. These principles are extended to develop a clear understanding of the mechanisms and processes that drive evolution in biological populations. Topics include the genetic basis of heredity, Mendelian and non-Mendelian inheritance patterns, genotype-phenotype interactions, evolutionary theory, adaptation and natural selection, sexual selection and the evolution of life histories. 
Courses: EDS0, SC01
Credit points: 12 Contact hours: 4 per week

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
Credit points: 12 Contact hours: 4 per week

NRB434 STRATEGIC GEOLOGY AND FIELD METHODS
Considers the deformation of geological materials and includes the geological scale and structure. Covered in the unit are classes of structures: description and analysis of joints, faults, folds, bedding, cleavage, foliations, and lineations. Major aspects of deformation: normal and shear stress, brittle fracture, strain and rigid motion, brittle and plastic deformation, measurement of strain, homogenous and non-homogenous strain, Mohr diagrams. Dynamic aspects are considered such as deformation mechanisms: rheological models and stress-strain relations, elastic limit, plastic deformation within crystals, pressure solution, recrystallisation, creep, fracture and brittle behaviour including the role of microcracks, pore-fluid pressure, pre-existing fractures, heat and lithology. Practical work includes a series of assignments of increasing complexity, culminating with a course project that includes geological map interpretation and cross section construction. Fieldwork consists of 3 trips of increasing difficulty designed for the construction of geological maps and analysis of deformed rocks. This includes a week long trip and preparation of geological reports. 
Courses: SC01
Credit points: 12 Contact hours: 4 per week

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 deposit assessment. 
Courses: SC01
Credit points: 12 Contact hours: 4 per week

NRB436 INTRODUCTION TO IGNEOUS AND METAMORPHIC PETROLOGY
An introduction to the classification, classification and origin of igneous and metamorphic rocks. Practical development of lithologic and petrographic capabilities to identify rock types, classify rocks, and interpret textures. Field and theoretical constraints on the petrogenesis of igneous rocks is included. Field study is an essential component of this unit. 
Courses: SC01
Credit points: 12 Contact hours: 4 per week

Incompatible with: NRB432

Campus offered: GP Semester offered: 1
UNIT SYNOPSIS

► NRB440 ENVIRONMENTAL CHEMISTRY

Courses: SC01
Prerequisites: PCB142
Credit points: 12
Contact hours: 4 per week

► NRB500 ENVIRONMENTAL MODELLING
This unit builds the capacity to develop understanding of the interdependent relationships that characterise environmental systems via model building. The focus 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: NRB270
Credit points: 12
Contact hours: 4 per week

► NRB580 ENVIRONMENTAL GEOCHEMISTRY
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 long three-day field trip to a local coastal ecosystem.

Courses: SC01
Credit points: 12
Contact hours: 4 per week

► NRB572 TERRESTRIAL ECOSYSTEMS
This unit explores issues in environmental management, their multi-disciplinary nature and the processes of environmental management decision-making. The role of science and ecological methodologies and concepts necessary for an applied approach to conservation and pest management issues. A field trip provides the vehicle for developing these themes. Content includes the collection, collation and preparation of biogeographical material relevant to a case study, the diagnostic features and identification of species of relevance, factors involved in the design of a large scale field study, field techniques necessary to gain an understanding of species/habitat interactions, and the analysis and interpretation of large field data sets.

Courses: SC01
Prerequisites: NRB311, NRB410
Credit points: 12
Contact hours: 4 per week

► NRB580 ENVIRONMENTAL GEOCHEMISTRY
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 long three-day field trip to a local coastal ecosystem.

Courses: SC01
Credit points: 12
Contact hours: 4 per week

► NRB580 ENVIRONMENTAL GEOCHEMISTRY
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 long three-day field trip to a local coastal ecosystem.

Courses: SC01
Credit points: 12
Contact hours: 4 per week

► NRB680 ISSUES IN ENVIRONMENTAL SCIENCE
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 environmental management approaches and the underlying themes for this unit. Environmental management aims for 'sustainable development', is multifaceted. Environmental policy must be founded on scientific knowledge about the environment, but to be effective, it must be consistent with social, economic, political and technological policies. Therefore, this unit discusses contemporary environmental management issues and the associated scientific information and environmental decision-making.

Courses: ED50, SC01
Prerequisites: 12 credit points in Level 3 science units, NRB440 recommended
Credit points: 12
Contact hours: 4 per week

► NRB610 ECOLOGICAL APPLICATIONS
This unit integrates the content of a number of fundamental and corequisite units into applied approaches to the management of populations and systems. The unit employs concepts and methodologies of population ecology, Evolutionary Biology and Conservation Biology and builds methodologies and concepts necessary for an applied approach to conservation and pest management. The unit will involve a compulsory three-day field trip during which students are required to develop a basic understanding of species composition and the collection of population data. The unit will include case studies and student presentations and will involve fieldwork during in-laboratory and field visits.

Courses: SC01
Prerequisites: NRB511 or NRB510
Credit points: 12
Contact hours: 4 per week

► NRB630 EXPLORATION GEOLOGY
Focuses on the design, development and implementation of field programmes, target generation, evaluation, time and budget scheduling, and risk factors; an introduction to the theoretical basis of exploration geochemistry in different terrains and climatic environments; the role of remote sensing in exploration; exploration geophysics; economic feasibility.

Courses: SC01
Prerequisites: NRB430
Credit points: 12
Contact hours: 4 per week

► NRB633 HYDROGEOLOGY
An introduction to the occurrence and movement of groundwater: aquifer properties; chemistry and quality of groundwater; exploration; groundwater quality problems; the mapping and equipment and well testing equipment; well hydraulics and testing, and flow calculations; assessment of groundwater problems - both supply and quality; modelling approaches 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
Credit points: 12
Contact hours: 4 per week

► 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 movement of plate boundaries, plate interactions, type of plate boundaries, and orogenesis. Examines the development of the plate tectonics and important geologic theory of the 20th century.

Courses: SC01
Prerequisites: NRB131, NRB432, NRB434, NRB534
Credit points: 12
Contact hours: 4 per week

► NRB636 STRATIGRAPHY AND BASIN ANALYSIS

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Focuses on advanced facies analysis, stratigraphy, and basin analysis. Facies and sequence models of recent, and ancient depositional systems will be explored with emphasis on how they change owing to temporal shifts in tectonic, eustatic and climate parameters. Integrated lithostratigraphic, biostratigraphic, geophysical, and geochemical data sets will be introduced as fundamental aspects of basin analysis.

Courses: SC01
Prerequisites: NRB333
Credit points: 12
Contact hours: 4 per week

NRB640 PHYSICAL CHEMISTRY OF THE ENVIRONMENT
Develops the important aspects of physical and chemical processes in the ambient environment, with a specific focus on thermodynamics, chemical kinetics, and ambient reactions. The emphasis will be on the development, validation and application of different analytical and numerical methods.

Courses: SC01
Prerequisites: NRB440, PCB305
Credit points: 12
Contact hours: 4 per week

NRB767 MARINE AND FRESHWATER ECOSYSTEMS
This unit examines the structure and function of marine and freshwater ecosystems. Aquatic ecosystems are an important part of the planet, their management is important in terms of maintaining water quality for human utilisation, harbouring particular species and so on. The unit emphasises the physical and ecological properties that are common to all aquatic systems, but also identifies those properties that are unique to specific groups. Content will cover aquatic ecosystems, their different forms and extent, the chemical and physical properties of aquatic environments, circulation and transport processes in marine and freshwater systems, the structure and characteristics of the different aquatic environments and human impact and management in marine and freshwater systems.

Courses: ED50, SC01
Prerequisites: NRB311
Credit points: 12
Contact hours: 4 per week

NRB720 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.

Courses: SC06
Credit points: 12

NRB730 RESEARCH METHODS & STRATEGIES
This unit is an introduction to research 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 on the research topic, and advanced skills workshops and exercises.

Courses: SC06
Credit points: 12
Contact hours: 3 per week

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 an understanding of the natural and cultural world and to develop the skills required for safe, competent practice as a beginning level registered nurse. This unit focuses on providing basic care to patients in hospital, community and home healthcare settings. The unit is highly relevant to the general area of their proposed 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: NRR102
Credit points: 12

NRN103 SEMINARS IN NATURAL RESOURCE SCIENCES
A 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: 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, SC71
Credit points: 12

NRN104 ADVANCED TOPICS IN NATURAL RESOURCE SCIENCES
A 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: 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, SC71
Credit points: 12

NRN105 ADVANCED TOPICS IN NATURAL RESOURCE SCIENCES
A 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: 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
Credit points: 12

UNIT SYNOPTES
UNIT SYNOPSES

► NSB222 CLINICAL PRACTICE 3
This unit continues to develop skills in identifying and developing plans of care, delivering care, evaluating client outcomes and understanding of the role of the nurse in the health care team. Particular concepts addressed include: cytotoxic and radiation hazards in the patient care environment; complex wound management, clinical nursing therapeutics related to the management of colo-rectal and urinary diversionary procedures, urinary catheterisation, ostomy management; working as a member of the nursing team and management of care for assigned groups of patients.
Courses: NS40, HL40, HL46
Prerequisites: Nil
Credit points: 12
Contact hours: 3 per week for 9 weeks

► NSB224 RESEARCH APPROACHES IN NURSING
This unit provides an introduction and overview of research in nursing. It covers the purposes of research, the relationship between research and 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, NS48
Credit points: 12
Contact hours: 3 per week

► NSB225 PROMOTING HEALTH AND WELLBEING THROUGH EXERCISE
Concepts addressed in this unit include the exploration of health and wellbeing for individuals throughout the lifespan, families and communities and the development of models of health promotion; factors that influence health beliefs and behaviours, and the capacity to maintain health; principles of health promotion and ways of 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, NS48, HL40, HL46
Prerequisites: Nil
Credit points: 12
Contact hours: 3 per week

► NSB312 FAMILY AND COMMUNITY NURSING
This unit continues to develop nurses' ability 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, bi- polar disorders, schizophrenia, substance misuse and abuse, cognitive impairment disorders, eating disorders; the nurse's role with responsibilities, knowledge and understanding of mental status; and the experiences of persons living with a mental illness and families caring for someone with a mental illness.
Courses: NS40, NS48, HL40, HL46
Prerequisites: Nil
Credit points: 12
Contact hours: 3 per week for 9 weeks

► NSB321 PROFESSIONAL NURSING DEVELOPMENT
This unit continues to build on knowledge and understanding of the role of the nurse in the hospital and community care. The unit will provide students with a theoretical foundation as well as application opportunities through the use of a case study approach. The unit will be of particular interest to students who want to work in community practice and equally to those who want to further explore issues related to the integration of hospital and community care.
Courses: Nil
Credit points: 12
Contact hours: 3 per week

► NSB322 CLINICAL PRACTICE 4
This unit facilitates the development and application of knowledge necessary for the provision of nursing care in medical/surgical health settings at an advanced level. The unit includes four weeks of off-campus placement. Emphasis is placed on the development of communicative skills, critical thinking and decision-making skills, technical skills and professional development skills, and the assumption of increased responsibility for patient care.
Courses: NS40, HL40, HL46
Prerequisites: NSB222
Credit points: 12
Contact hours: 3 per week

► NSB323 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 six weeks of off-campus placement. Emphasis is placed on students' proficiency in clinical practice, particularly their communication skills, critical thinking and decision making/problem solving skills, technical skills, reflective skills and knowledge skills and awareness of professional attributes and values.
Courses: NS40, HL40, HL46
Prerequisites: NSB322
Credit points: 12
Contact hours: 3 per week

► 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 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, HL40, HL46
Prerequisites: NSB324, NS423
Credit points: 12
Contact hours: 3 per week

► NSB500 MEDICAL-SURGICAL NURSING 3
This unit continues with the development of knowledge, skills and personal attributes that are fundamental to establishing and maintaining therapeutic relationships, educating clients about health care matters and counselling patients and families to promote health and well being.
Courses: NS40, NS48, HL46
Prerequisites: Nil
Credit points: 12
Contact hours: 3 per week

► NSB501 POLICIES, 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 policy literature 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 and scope of nursing practice within the broadest context of health. The unit will provide students the opportunity to independently explore a body of literature and/or research relevant to an area of interest in nursing. The unit aims to extend their knowledge and understanding of a topic that is not specifically addressed elsewhere in the curriculum. The emphasis requires students to develop independent research, study and analytical skills. These skills are demonstrated first, in an assimilation of a range of materials into a clearly formulated argument and second, in an oral presentation and discussion of the study material.
Courses: NS40, NS48, HL46
Credit points: 12
Contact hours: 3 per week

► 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 with in a variety of settings with acute and/or long term health concerns and issues related to the gastro-intestinal, endocrine, genito-urinary and intertemperate dysfunctions. Issues addressed will include diabetes mellitus, renal failure, inflammatory bowel disorders, and burns and wound management.
Courses: NS40, HL40, HL46
Prerequisites: NSB324, NS418
Credit points: 12
Contact hours: 3 per week

► NSB424 NURSING THERAPEUTICS
Nurses have a central role in assisting individuals, families and/or groups of people to make informed decisions about their care, supporting them through stressful and traumatic experiences and facilitating them to effectively manage health problems in order to optimise recovery, rehabilitation and/or habilitation. This unit focuses on the development of knowledge, skills and personal attributes that are fundamental to establishing and maintaining therapeutic relationships, educating clients about health care matters and counselling patients and families to promote health and well being.
Courses: NS40, NS48, HL46
Prerequisites: Nil
Credit points: 12
Contact hours: 3 per week

► 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 aims to extend their knowledge and understanding of a topic that is not specifically addressed elsewhere in the curriculum. The emphasis requires students to develop independent research, study and analytical skills. These skills are demonstrated first, in an assimilation of a range of materials into a clearly formulated argument and second, in an oral presentation and discussion of the study material.
Courses: NS40, HL40
Prerequisites: Nil
Credit points: 12
Contact hours: 3 per week
UNIT SYNOPSIS

► NSB600 INTRODUCTION TO NURSING CHILDREN AND CHILDBEARING FAMILIES
This unit provides an overview of the theoretical concepts and clinical application principles for providing the nurse with a foundation for midwifery care for children and childbearing families. The emphasis is upon the childbearing process, its developmental stages, child health and family dynamics. This is viewed as a normal process of growth and development, which will be affected by social, economic, legal and environmental factors. Nurses play a key role in the promotion and maintenance of health.

Courses: NS40, HL40
Prerequisites: All first and second year NS40 units
Credit points: 12 Contact hours: 3 per week

► 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 concepts 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
Prerequisites: NSB500
Credit points: 12 Contact hours: 3 per week

► NSB604 INTRODUCTION TO CARDIOThorACIC NURSING
Cardiovascular disorders are commonly encountered by nurses practicing a variety of clinical settings. This unit provides an overview of cardiovascular nursing and introduces the 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
Credit points: 12 Contact hours: 3 per week

► NSB605 NURSING IN A TECHNOLOGICAL WORLD
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: Nil
Prerequisites: Nil
Credit points: 12 Contact hours: 3 per week

► 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 approach to examine the childbearing process will be used to consider issues that impact on the health of children and young people. In addition key policy frameworks will be pro- provided to direct 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 be expected to examine local programs and strategies aimed at improving health outcomes.

Courses: NS35, NS64, NS85
Credit points: 12 Contact hours: 3 per week
Semester offered: KG, EXT

► 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 intervention strategies that enhance adaptation and health.

Courses: NS35, NS64, NS85
Credit points: 12 Contact hours: 3 per week
Semester offered: EXT

► 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 advanced 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
Credit points: 12 Contact hours: 3 per week
Semester offered: KG, EXT

► 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 current issues relating to their professional role in community health and family care in the community context. The unit adopts a primary health care approach to examine the nurse’s 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
Credit points: 12 Contact hours: 3 per week
Semester offered: KG, EXT

► NSN006 SPECIALISTATION IN PAEDIATRIC, CHILD AND YOUTH HEALTH NURSING
This unit aims to prepare students with clinical knowledge and understanding in a selected area of paediatric or child and youth health subspeciality. The unit is based on a learning contract that will include both theoretical and clinical learning activities and assessment.

Courses: NS35, NS64, NS85
Prerequisites: NSN002
Credit points: 12 Contact hours: Negotiable
Semester offered: External for selected specialisation.

► NSN311 KEY ISSUES IN MIDWIFERY PRACTICE
This unit consists of two modules. The first focuses on historical, social and cultural issues and aims to develop an understanding of health assessment and midwifery care for women, infant and family in the period following child birth. The second module focuses on the extent of childbearing in society and introduces concepts related to the position of women, birth and midwifery in society. The concepts introduced in this unit will complement the unit material in Foundations of Midwifery Practice and provides a foundation for midwifery units offered in second year.

Courses: NS68, NS85
Credit points: 12 Contact hours: 3 per week

► NSN321 FOUNDATIONS OF MIDWIFERY PRACTICE
This unit provides a foundation in the theoretical concepts and clinically applied principles for practice as a midwife. Emphasis is placed on the childbearing process as a normal and non-pathological process, during which the midwife, in collaboration with the woman, family, and other health professionals, provides midwifery care.

Courses: NS68, NS85
Credit points: 12 Contact hours: 3 per week

► 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 Key Issues in Midwifery Practice. The unit requires application of the principles and practices learned in the prerequisite unit. While childbearing is assumed to be a normal non-pathological process, and inherently safe, it is acknowledged that some practitioners must be able to recognise and act on changing events. These changes reflect complications/deviations from the normal.

Courses: NS68, NS85
Prerequisites: NSN321
Credit points: 12 Contact hours: 3 per week

► NSN323 CLINICAL STUDIES IN MIDWIFERY
This unit provides the opportunity for students to consolidate the professional knowledge and skills that they have acquired in other units. Students will be facilitated to incorporate theoretical, conceptual and practical knowledge, attitudes and skills required to care for the childbearing woman, her infant and family.

Courses: NS68, NS85
Prerequisites: NSN321, NSN301
Credit points: 12 Contact hours: 3 per week
Semester offered: KG, EXT

► NSN507 CONTEMPORARY PRACTICE ISSUES
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: NS56, NS85
Credit points: 24
Contact hours: Negotiated with Course Coordinator

► NSN508 CRITICAL INQUIRY IN HEALTH CARE
This unit enhances practitioner understanding of health care, encourages life long learning, and critical discourse. The unit will enhance and extend the student’s understanding of health care and seeks to enhance personal practice and leadership through the use of critical incidents. The aims of the unit are to encourage engagement in professional development through reflective practice and personal accountability.

Prerequisites: NS34, NS64, NS85
Credit points: 12 Contact hours: 3 per week
Campaign offered: KG, EXT

► NSN506 CLINICAL PROJECT
This unit enhances practitioner understanding of health care, encourages life long learning, and critical discourse. The unit will enhance and extend the student’s understanding of health care and seeks to enhance personal practice and leadership through the use of critical incidents. The aims of the unit are to encourage engagement in professional development through reflective practice and personal accountability.

Prerequisites: NS34, NS64, NS85
Credit points: 12 Contact hours: 3 per week
Campaign offered: KG, EXT

► NSN307 CONTEMPORARY PRACTICE ISSUES
This unit allows students to explore current issues and develop their understanding through application of relevant theoretical frameworks to nursing practice. Students in selected speciality 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
UNIT SYNOPSES

Contact hours: Negotiated with Course Coordinator
Campus offered: KG, EXT
► NSN508 ADVANCED READINGS IN NURSING
This unit provides the opportunity for students to access 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 specialist topic that is not specifically addressed elsewhere in the course. In addition, students undertaking this unit will have the opportunity to develop advanced skills in information retrieval, critical analysis and writing for publication.
Courses: NS64, NS85
Credit points: 12
Contact hours: Negotiated with Course Coordinator
► 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 on important learning opportunities which otherwise might not be possible.
Courses: NS64, NS85, HL88, PU88
Credit points: 12
Contact hours: Negotiated with Unit Coordinator
► NSN510 CLINICAL ELECTIVE 1
Explores the theoretical and practical knowledge and skills required to provide effective nursing care to patients with highly specialised nursing management problems. Students will have the opportunity to develop in-depth clinical and clinical problem-solving skills intrinsic to the nursing care of a specific range of patients within a defined sub-specialty nursing area. Content will be individually negotiated in order to meet the needs of nurses, in particular nursing specialty areas. Content may include clinical and theoretical concepts in intensive care, neurosurgery, neonatal, or other specialty nursing areas.
Courses: NS64, NS85
Credit points: 12
Campus offered: KG, EXT
Semester offered: 2
► NSN511 CLINICAL ELECTIVE 2
Provides the opportunity for students to expand the professional knowledge and skills that have been developed in Clinical Elective 1. Students will have the opportunity to acquire theoretical, conceptual and practical knowledge in a variety of areas specific to the development of knowledge and theory in specialised areas of nursing practice. The content in this unit will be individually negotiated to provide students with a further opportunity to explore the clinical and theoretical concepts introduced in previous units. Content may include advanced knowledge, skills, and attitudes in cardiology, emergency, neuroscience, neonatal, chemotherapy, palliative care, or other specialty nursing areas.
Courses: NS64, NS85
Credit points: 12
Campus offered: EXT
Semester offered: 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, strategies and review a body of literature relevant to the provision of effective leadership and further develop skills in peer consultation and reflective practice as strategies to support them in the development of leadership in the workplace. The unit addresses strategic thinking and planning; organisational and interpersonal communication; decision making; team building; working effectively in teams; multidisciplinary teams; managing conflict; facilitating change; and creating growth-producing work environments. It also addresses nursing perspectives on human resource management; staff allocation; financial management; staff allocation; financial management; budgeting; cost centre management; development management; policy development and implementation; and promoting quality outcomes.
Courses: NS64, NS85
Credit points: 12
Contact hours: 3 per week
► 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 build the fundamental issue that even through screening programs have emerged and improved women's health, women continue to have health problems that are unique to their lives 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 also 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. This unit aims to increase the knowledge of the student on all aspects of women's sexual health throughout the format of adult learning principles.
Courses: NS34, NS39, NS64, NS85
Credit points: 12
Contact hours: 3 per week
Campus offered: KG, EXT
► NSN517 WOMEN'S HEALTH ISSUES
This unit provides students with opportunities to develop and expand their theoretical knowledge and skills in related aspects 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
Prerequisites: Nil
Credit points: 12
Contact hours: 3 per week
Campus offered: KG, EXT
► NSN521 CLINICAL SPECIALISATION 1
Provides an introduction to the theory, process and practice of nursing in a designated specialty area. Although a range of knowledge and skills is addressed, an emphasis is placed upon health promotion within the context of a specialty area of health care.
Courses: NS64, NS85
Credit points: 12
Contact hours: 3 per week
Campus offered: EXT (for Cancer Nursing, Critical Care, Mental Health and Gerontology)
Semester offered: 1
► NSN522 CLINICAL SPECIALISATION 2
Develops students understanding of the theory, process and practice of nursing in a designated specialty area of nursing. Although a health promotion framework is reinforced, the emphasis in this unit is placed on the development of strategies to assist clients who are experiencing particular health problems.
Courses: NS64, NS85
Credit points: 12
Contact hours: 3 per week
Campus offered: EXT (for Cancer Nursing, Critical Care, Mental Health, Gerontology)
Semester offered: 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 take 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
Contact hours: Negotiable
► NSN600 INTRODUCTION TO NURSING CHILDREN AND CHILD BEARING FAMILIES
This unit provides an overview of the theoretical concepts and clinical application principles for the provision of care to children and their families in the midwifery care for children and family 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 emphasis will be on the promotion and maintenance of health.
Courses: NS40
Credit points: 12
Contact hours: 3 per week
► NSN622 CONTEXTS OF COMMUNITY PRACTICE
This unit aims to provide students with a broad appreciation of the major components of community practice and the socio-political, economic and historical context within which it operates. Foundation principles of primary health care, including community participation, public health and health promotion are explored analysing the benefits and barriers of each. The student here is then encouraged to use their vision for the community practice, explore their role within a multi-disciplinary interface, and external, cultural, legal and ethical issues which impact in the context of their own practice.
Courses: NS34, NS64, NS85
Credit points: 12
Contact hours: 3 per week
Semester offered: KG, EXT
► NSN624 COLLABORATIVE PRACTICE IN THE COMMUNITY
This unit aims to enable students to recognise opportunities and niche markets for partnership development. The skills that the students will learn will assist with the development of partnerships using personal influence and political savviness with other stakeholders. With current finite resource allocation dictating that partnerships must be able to maximise utilisation and creativity in funding, different models for partnering will be explored and analysed for appropriateness to the students practice needs. The benefits of collaborative relationships within and beyond multidisciplinary partnerships will be debated with visioning to achieve new goals in health care encouraged to result in better outcomes for the client and the community.
Courses: NS34, NS39, NS64, NS85
Credit points: 12
Contact hours: 3 per week
Semester offered: KG, EXT
► NSN625 PROJECT MANAGEMENT FOR COMMUNITY PRACTICE
Students will achieve considerable insights into the complexity of community development processes in the broader socio-economic boundaries within the community. In developing skills in project management and program planning, implementation and evaluation, students will develop a practice-based foundation for intersectoral collaboration. Community development principles and practice issues, which are analysed in application to an area of the students practice, will enable an appreciation of the value of community education and ownership.
Courses: NS34, NS39, NS64, NS85
Credit points: 12
Contact hours: 3 per week
Semester offered: KG, EXT
► NSN646 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. The focus of this package is a CD-ROM that employs an interactive case study approach to introduce learners to a family situation. To face the reality with Alzheimer's disease is being cared for at home.
Courses: NS34, NS39, NS64, NS85
Credit points: 12
Contact hours: 3 per week
Semester offered: KG, EXT
► NSN701 ADVANCED HEALTH ASSESSMENT
This unit aims to develop an advanced understanding of health assessment in nursing prac-
tice. This will be achieved by exploring the theoretical, conceptual and practical knowledge required to enable the individual to family and their environment to provide nursing care within the context of specialist practice.

Courses: NS30, NS31, NS33, NS36, NS64, NS85
Credit points: 12
Contact hours: 3 per week
Semester offered: EXT

► NSN721 KEY ISSUES IN ACUTE AND CRITICAL CARE NURSING

This clinical unit aims to develop an understanding of nursing practice in a variety of clinical contexts. This will be achieved by exploring the theoretical, conceptual and practical knowledge required to provide effective nursing care within primary practice. This unit covers topics including: cancer control policy and practice; cancer prevention and early detection; epidemiology of cancer; pathophysiological basis of cancer; psychosocial aspects of cancer; overview of major treatment modalities for cancer; including surgery; radiotherapy; chemotherapy; biotherapy and transplantation. Intensive Care Nursing: This unit will cover mechanical ventilation, hemodynamic monitoring, advanced ventilation, and sedation. Medical/Surgical Nursing: This unit will cover issues pertaining to the key aspects of nursing practice within the medical/surgical setting.

Courses: NS30, NS31, NS33, NS36, NS41, NS64, NS85
Credit points: 12
Contact hours: 3 per week
Semester offered: EXT

► NSN722 PRINCIPLES OF ACUTE AND CRITICAL CARE NURSING

This unit aims to develop students' understanding of nursing assessment and practice of nursing in a designated specialty area of nursing, to enable them to effectively prevent and manage common health problems experienced by individuals and families within their specialty field. This will be achieved but further exploring the theoretical, conceptual and practical knowledge required to provide effective nursing care within clinical domains. Cancer Nursing: This unit will cover assessment, management and evaluation of common problems experienced by people with cancer including symptoms and side effects of treatment and psychosocial needs. In addition, acute problems such as oncological emergencies and care of the immuno-compromised patient will be addressed. Intensive Care Nursing: This unit will cover specific ICU patient populations such as burns, multiple organ failure, liver failure, neurological disorders and specific treatment modalities such as advances in mechanical ventilation and renal replacement therapies. Medical/Surgical Nursing: This unit will cover nursing assessments, intervention and evaluation for common health problems experienced by people in medical/surgical settings.

Courses: NS33, NS64, NS85
Prerequisites: NS701, NS721
Credit points: 12
Contact hours: 3 per week
Semester offered: EXT

► NSN723 SPECIALISTATION IN CRITICAL CARE NURSING

This unit provides the opportunity for students to further develop and consolidate prior learning in a clinical critical setting of their choice. Students will expand on their theoretical, practical and conceptual knowledge to enable them to critique 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: NS701
Credit points: 12
Contact hours: 3 per week
Campus offered: EXT

► NSN724 SPECIALISTATION 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 environment. Students will be required to analyse the application of theoretical concepts to common health problems experienced by clients in a selected medical/surgical or cancer care environment. They will also initiate plans of care to address common needs/problems experienced by clients in this specialist field. Cancer Nursing: Specific areas of study may include chemotherapy, cancer nursing practice or palliative care nursing. Medical/Surgical Nursing: This unit will enable students to provide a range of medical/surgical nursing in more depth, to meet their own learning needs.

Courses: NS31, NS33, NS64, NS85
Prerequisites: NS701
Credit points: 12
Contact hours: Negotiable
Semester offered: EXT

► 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 needs of older people. Participants will be offered learning opportunities aimed at developing a strong theoretical foundation to enable them 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 and complement relevant assessment tools that meet workplace needs in a variety of practice contexts - community and residential aged care.

Courses: NS39, NS64, NS85
Credit points: 12
Contact hours: 3 per week
Semester offered: EXT

► NSN821 KEY ISSUES IN AGED CARE

The unit uses a Primary Health Care approach to the examination of 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
Credit points: 12
Contact hours: 3 per week
Semester offered: EXT

► 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; convulsion; delirium; depression; dementia (senile, multi-infarct) and Alzheimer's disease. The following practice interventions associated with pathological ageing will be examined: constipations; incontinence; blindness; deafness; skin tears/pressure ulcers; diabetes; challenging behaviours associated with mental health conditions. Students will critically examine the multiple losses will be reviewed in relation to care strategies including family support. Finally, death and dying in later life is examined with a particular focus upon palliative care, advanced directives, resuscitation and euthanasia.

Courses: NS39, NS64, NS85
Credit points: 12
Contact hours: 3 per week
Campus offered: EXT

► NSN825 THESIS (PART-TIME)

This unit provides the student with the opportunity to formally extend their knowledge gained in earlier semesters of the course. The thesis represents an independent piece of research in the student's specific area of interest in collaboration with a supervisor. Students are required as part of their assessment to present a seminar outlining their research to date. The seminars are held in the second semester of each year.

Courses: NS85
Credit points: 48

► NSN850 THESIS (FULL-TIME)

This unit provides students with the opportunity to formally extend their knowledge gained in earlier semesters of the course. The thesis represents an independent piece of research in the student's specific area of interest in collaboration with a supervisor. Students are required as part of their assessment to present a seminar outlining their research to date. The seminars are held in the second semester of each year.

Courses: NS85
Credit points: 48

► 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 construct and administer appropriate assessment procedures designed to detect a client's particular problem area(s) of psychosocial functioning and record interpretations 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
Credit points: 12
Contact hours: 3 per week

► 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 consists 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 two lecture sessions meet weekly over three lecture periods. The clinical component will take place at an acute in-patient facility, which has a primary focus on mental health problems and mental disorders.

Courses: NS64, NS85
Prerequisites: NS901
Credit points: 12
Contact hours: 3 per week

► 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 and work with different people for working with the mentally ill, their carers, the community. Critical among these skills is the ability to assist in the development of community and carer centred services and outcomes. The clinical component of this unit will take place in a community mental health setting, which has mental health problems and mental disorders as a primary focus.

Courses: NS64, NS85
Prerequisites: NS921
Credit points: 12
Contact hours: 3 per week
Campus offered: EXT

► 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 that each participant brings. The unit is intended to be practical. The focus of the unit is 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 caregiving approaches.

**Courses:**

- **NS64, NS85**
- **Credit points:** 12
- **Contact hours:** 3 per week

**SN929 CLINICAL INTERVENTION MODALITIES IN MENTAL HEALTH NURSING**

This unit is designed to provide an in-depth analysis of the roles and 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**
- **Credit points:** 12
- **Contact hours:** 3 per week

**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:**

- **OP250**
- **Prerequisites:** MAB140
- **Corequisites:** PCB240
- **Credit points:** 12
- **Contact hours:** 5 per week

**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, ophthalmic optics and retinoscopy are also studied.

**Courses:**

- **OPB350**
- **Prerequisites:** PCB240, OPB250
- **Corequisites:** PCB340, OPB350
- **Credit points:** 12
- **Contact hours:** 6 per week

**OPB351 VISUAL SCIENCE 3**

A study of the basic visual sciences that underpins the practice of optometry. It covers the optics of the eye, including its basic design, dimensions and retinal quality as well as the psychophysical principles of vision.

**Courses:**

- **OPB351**
- **Prerequisites:** LSB250, PCB240, OPB350
- **Corequisites:** PCB340, OPB350, OPB352
- **Credit points:** 12
- **Contact hours:** 5 per week

**OPB450 OCULAR ANATOMY AND PHYSIOLOGY 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:**

- **OPB450**
- **Prerequisites:** OPB350, OPB351, OPB352
- **Corequisites:** OPB451, OPB452
- **Credit points:** 12
- **Contact hours:** 5 per week

**OPB451 CONTACT LENS STUDIES**

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:**

- **OPB451**
- **Prerequisites:** OPB351, OPB352, OPB350, OPB450
- **Corequisites:** OPB450, OPB452
- **Credit points:** 12
- **Contact hours:** 5 per week

**OPB452 OCRUAR ANATOMY AND PHYSIOLOGY 5**

This is a continuation of OPB352. The unit covers the posterior eye, orbital, neural pathways, eye movements, neurophysiology of vision and an introduction to electrophysiological techniques.

**Courses:**

- **OPB452**
- **Prerequisites:** OPB350, OPB351, OPB450
- **Corequisites:** OPB352, OPB351
- **Contact points:** 12
- **Contact hours:** 5 per week

**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:**

- **OPB550**
- **Prerequisites:** OPB450, OPB451, OPB452, LSB492
- **Corequisites:** OPB551, OPB552, OPB553
- **Credit points:** 12
- **Contact hours:** 4 per week

**OPB551 CLINICAL PRACTICE 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:**

- **OPB551**
- **Prerequisites:** OPB450, OPB451, OPB452
- **Corequisites:** OPB550, OPB551, OPB552
- **Credit points:** 12
- **Contact hours:** 5 per week

**OPB552 ADVANCED CLINICAL OPTOMETRY 5**

This unit focuses on the student's own research project and will give the student a thorough knowledge of the skills required for the successful completion of a research project. Students will conduct a literature search on this topic, develop an experimental hypothesis, plan and undertake a research project, present their preliminary findings and develop the methodology and conduct of advanced clinical research.

**Courses:**

- **OPB552**
- **Prerequisites:** OPB450, OPB451, OPB452
- **Corequisites:** OPB550, OPB551, OPB552
- **Credit points:** 12
- **Contact hours:** 5 per week

**OPB553 CLINICAL PRACTICE 6**

Clinical Practice 5 is a continuation of OPB552, and enables students to apply research questions in a clinical setting. There is an emphasis on advanced communication skills, patient management and clinical decision-making.

**Courses:**

- **OPB553**
- **Prerequisites:** OPB550, OPB551, OPB552, OPB553
- **Corequisites:** OPB650, OPB651, OPB652
- **Credit points:** 12
- **Contact hours:** 6 per week

**OPB650 TOPICS IN OPTOMETRY 7**

Students are required to choose an area of interest and present a research project. The project will be an extension of the student's previous work. Students will give oral presentations of their own research projects. Presentations on advanced clinical care and decision-making skills will include lecture and tutorial presentations and case summaries.

**Courses:**

- **OPB650**
- **Prerequisites:** OPB650, OPB651, OPB652
- **Corequisites:** OPB653
- **Credit points:** 12
- **Contact hours:** 4 per week

**OPB651 CLINICAL PRACTICE 7**

This subject covers research skills, including the management of patients requiring contact lenses, vision training and low vision care.

**Courses:**

- **OPB651**
- **Prerequisites:** OPB650, OPB651, OPB652
- **Corequisites:** OPB653
- **Credit points:** 12
- **Contact hours:** 4 per week

**OPB652 CLINICAL PRACTICE 7**

This subject covers research skills, including the management of patients requiring contact lenses, vision training and low vision care.

**Courses:**

- **OPB652**
- **Prerequisites:** OPB650, OPB651, OPB652
- **Corequisites:** OPB653
- **Credit points:** 12
- **Contact hours:** 4 per week

**OPB750 SPECIALIST CLINICAL PRACTICE 7**

This unit provides students with a thorough knowledge of more specialised areas of patient management such as in low vision and paediatric patients.

**Courses:**

- **OPB750**
- **Prerequisites:** OPB650, OPB651, OPB652
- **Corequisites:** OPB653
- **Credit points:** 12
- **Contact hours:** 4 per week

**OPB751 ADVANCED OPTOMETRY 7**

This unit provides students with a thorough knowledge of more specialised areas of patient management such as in low vision and paediatric patients.

**Courses:**

- **OPB751**
- **Prerequisites:** OPB650, OPB651, OPB652, OPB653
- **Corequisites:** OPB751, OPB752
- **Credit points:** 12
- **Contact hours:** 4 per week

**OPB752 ADVANCED CLINICAL PRACTICE 7**

This unit enables students to apply knowledge and skills gained in third year to patients presenting for eye examinations. It includes situations that arise in the management of patients requiring contact lenses, vision training and low vision care.

**Courses:**

- **OPB752**
- **Prerequisites:** OPB650, OPB651, OPB652
- **Corequisites:** OPB653
- **Credit points:** 12
- **Contact hours:** 4 per week

**OPB753 CLINICAL PRACTICE 7**

This unit enables students to apply knowledge and skills gained in third year to patients presenting for eye examinations. It includes situations that arise in the management of patients requiring contact lenses, vision training and low vision care.

**Courses:**

- **OPB753**
- **Prerequisites:** OPB650, OPB651, OPB652
- **Corequisites:** OPB653
- **Credit points:** 12
- **Contact hours:** 4 per week

**OPB754 TOPICS IN OPTOMETRY 8**

Students are required to analyse the results of their own research project and write a full report in manuscript form. Oral presentations of the project are given to their peers.

**Courses:**

- **OPB754**
- **Prerequisites:** OPB650, OPB651, OPB652
- **Corequisites:** OPB751, OPB752, OPB753
- **Credit points:** 12
- **Contact hours:** 8

**OPB755 CLINICAL PRACTICE 8**

This unit enables students to apply knowledge and skills gained in third year to patients requiring contact lenses, vision training and low vision care.

**Courses:**

- **OPB755**
- **Prerequisites:** OPB650, OPB651, OPB652
- **Corequisites:** OPB653
- **Credit points:** 12
- **Contact hours:** 8

**OPB850 TOPICS IN OPTOMETRY 8**

Students are required to analyse the results of their own research project and write a full report in manuscript form. Oral presentations of the project are given to their peers.
UNIT SYNONYMS

Courses: OP42
Prerequisites: OPB650, OPB651, OPB652, OPB653, OPB751, OPB752, OPB753
Credit points: 12
Contact hours: 4 per week
Corequisites: None
Credit points: 12
Contact hours: 4 per week

► OPB51 ADVANCED OPTOMETRY
Optometry’s role in health care; professional and ethical behaviour; relevant state and federal Acts, professional associations; types of vision tests; optometric practice and the law. Introduces the basic concepts of eye vision and visual ergonomics.

Courses: OP42
Prerequisites: OPB750, OPB751, OPB752, OPB753
Credit points: 12
Contact hours: 4 per week
Corequisites: OPB850, OPB852, OPB853
Credit points: 12
Contact hours: 4 per week
Campus offered: KG Semester offered: 2

► OPB52 CLINICAL PRACTICE
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
Credit points: 12
Contact hours: 8
Campus offered: KG Semester offered: 2

► OPB53 SPECIALIST CLINICAL PRACTICE
This unit continues to consolidate skills developed in OPB753 in specialised clinical areas of contact lenses, low vision and paediatric optometry.

Courses: OP42
Prerequisites: OPB750, OPB751, OPB752, OPB753
Credit points: 12
Contact hours: 8
Corequisites: OPB850, OPB851, OPB853
Credit points: 12
Contact hours: 8
Campus offered: KG Semester offered: 2

► PCB004 PHYSICS IT
Provides a basic physics background for students who are enrolled in the Bachelor of Technology course. The content includes two main themes: mechanics and electricity/electromagnetism. Development of problem solving skills is an essential element of the course, which includes an essential practical component.

Courses: ME35
Corequisites: Contact hours: 5 per week

► PCB007 PATIENT CARE IN PROFESSIONAL PRACTICE
Introduces subject emphasising the ethical, legal and clinical accountability of the radiographer for patient care and interpersonal behaviour and skills.

Courses: PH38
Corequisites: Contact hours: 4 per week

► 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, IF29, IF39, IF71, IF83, IF84, IF86, IF87, LS43, LS50, PU40, PU43, SC01
Credit points: 12
Contact hours: 5 per week

► PCB150 PHYSICS 1H
Basic physical measurements, mechanics, heat, waves, acoustics and optics, and the instrumentation used to measure physical parameters.

Courses: PU10, PU19, PU34, ED50, SC01
Credit points: 12
Contact hours: 5 per week

► PCB172 PHYSICS FOR SURVEYORS

Courses: PS47, PS48
Prerequisites: SA or better in at least 3 semesters of Senior Maths B or equivalent
Corequisites: None
Credit points: 12
Contact hours: 4 per week

► PCB178 PRINCIPLES OF MEDICAL RADIATIONS
Principles of medical imaging and methods of detection, diagnosis and treatment of cancer.

Courses: PH38
Credit points: 12
Contact hours: 5 per week

► PCB200 CHEMICAL TECHNOLOGY 1
The role of chemical technologist in industry; fundamentals of chemical technology; industrial hygiene and monitoring; generic issues eg quality assurance, industrial health and safety.

Courses: SC01, SC51
Prerequisites: PCB142 Corequisites: PCB142
Credit points: 12
Contact hours: 5 per week

► PCB240 OPTICS 1
A study of selected topics in optics particularly relevant to aspects of optical instruments and geometrical optics in mirrors and lenses, including thick lenses, cylindrical, spherical and toric lenses, colour and colour blindness, interference, aberration, holograms.

Courses: ED50, IF29, IF39, IF71, IF83, IF84, IF86, IF87, LS37, LS50, OP42, PU42, PU44, SC01
Corequisites: PCB142
Credit points: 12
Contact hours: 6 per week

► 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, IF29, IF39, IF71, IF83, IF84, IF86, IF87, LS37, LS50, OP42, PU42, PU44, SC01
Prerequisites: PCB142
Credit points: 12
Contact hours: 6 per week

► 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 ar- eas to be covered include: calculus based kinematics and dynamics, calculus based accelerated frames of reference. 2nd order systems and the forced-damped-harmonic oscillator, gravitational and electromagnetic fields, Newton’s laws of gravity, Coulomb’s law, 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, IF29, IF39, IF71, IF83, IF84, IF86, SC01
Prerequisites: PCB101 or PCB107
Credit points: 12
Contact hours: 5 per week

► PCB260 PHYSICS 1A
Physical optics including interference, interfer- ometry, Fraunhofer diffraction, holography, reflection, refraction, total internal reflection, spherical mirrors, thin lenses, transmits, optical instruments, mirrors, cameras.

Courses: PS47, PS48
Prerequisites: SA or better in at least 3 semesters of Senior Maths B or equivalent
Corequisites: None
Credit points: 12
Contact hours: 4 per week

► PCB263 PHYSICS 2E
Extension of PCB150 including fluids, AC, DC circuit theories, with emphasis on electronics and instrumentation, fields, modern and nuclear physics. Fluid mechanics, Biomechanics.


UNIT SYNOPTICES

Courses: ESD50, PU40
Credit points: 12
Contact hours: 4 per week

► PCB286 TREATMENT PLANNING 1
Introduction to the techniques of radiotherapy treatment planning.
Course: PH38
Prerequisites: PCB178
Credit points: 12
Contact hours: 6 per week

► PCB376 THERAPEUTIC PHYSICS
Integration 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: ESD50, IF39, IF71, IF83, IF84, IF86, IF87, SC01
Prerequisites: PCB250 and MAB132 or MAB112
Credit points: 12
Contact hours: 4 per week

► PCB375/1 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: PCB414
Credit points: 12
Contact hours: 2 per week

► 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: PCB375/1
Credit points: 12
Contact hours: 2 per week

► 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
Credit points: 12
Contact hours: 5 per week

► PCB389 CLINICAL RADIOGRAPHY 1
Clinical experience in radiology related to topics introduced in PCB287 and PCB286. The programs are carried out in approved clinical departments.
Courses: PH38
Prerequisites: PCB286, PCB287
Credit points: 6
Contact hours: 4 per week

► PCB396/1 RADIOTHERAPY PLANNING & PHYSICS
An introduction 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
Credit points: 12
Contact hours: 5 per week

► PCB396/2 RADIOTHERAPY PLANNING & PHYSICS
A study of the measurement and dosimetry of external beam radiotherapy including practical sessions to familiarise students to the capabilities of computer hardware and software.
Courses: PH38
Prerequisites: PCB376/1
Credit points: 12
Contact hours: 4 per week

► 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
Credit points: 12
Contact hours: 5 per week

► PCB404 SCIENTIFIC PRINCIPLES OF SAFETY
Sources, hazards measurement and protection associated with noise safety, electrical safety and ionising and non-ionising safety.
Courses: ESD50, IF39, IF83, IF84, IF86, PU40, SC01
Prerequisites: PCB263 or PCB250
Credit points: 12
Contact hours: 5 per week

Semester offered: 1, 2

► PCB414 INDUSTRIAL & 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, atomic fluorescence spectrometry, infrared fluorescence spectrometry, and flame atomic emission and absorption); chromatography (GC and HPLC). Special Notes: Available both semesters, but for PU40 Semester 1 is preferred.
Courses: ESD50, IF39, IF71, IF87, PU40, SC01
Prerequisites: PCB1412
Credit points: 12
Contact hours: 5 per week

► 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 complexes; equilibria; reactions and for example UV-visible spectrophotometry; electroanalytical methods including (conductimetry, potentiometry and electrogravimetry); data handling.
Courses: ESD50, IF39, IF71, IF83, IF84, IF86, SC01
Prerequisites: PCB142
Credit points: 12
Contact hours: 5 per week

► PCB444 SPECTROSCOPY
UNIT SYNOPSES

PCB479 CLINICAL RADIOGRAPHY 2
Clinical experience in approved departments in radiography - examinations discussed in PCB376:
Courses: PH38
Prerequisites: PCB379, Corequisites: PCB4876
Credit points: 6

PCB489 CLINICAL RADIOTHERAPY 2
Clinical experience in approved departments in techniques of radiation therapy.
Courses: PH38
Prerequisites: PCB3897, PCB3899
Corequisites: PCB4979
Credit points: 6

PCB495 COMPUTER ASSISTED TREATMENT 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, PH90
Prerequisites: PCB336, LSA421
Corequisites: PCB4979
Credit points: 12
Contact hours: 4 per week

PCB514 INSTRUMENTAL ANALYSIS 1
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 testing and prediction, Complementary practical program.
Courses: ED50, IF29, IF39, IF71, IF83, IF84, IF86, SC01
Prerequisites: PCB305
Credit points: 12
Contact hours: 4 per week

PCB505 ADVANCED PHYSICAL CHEMISTRY 1
Dynamic electrochemistry, electrochemical processes including corrosion; advanced kinetics; quantum mechanics; surfaces and catalysis; thermodynamics.
Courses: ED50, IF29, IF39, IF71, IF83, IF84, IF86, SC01
Prerequisites: PCB305
Credit points: 12
Contact hours: 4 per week

PCB514 INSTRUMENTAL ANALYSIS 2
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 testing and prediction, Complementary practical program.
Courses: ED50, IF29, IF39, IF71, IF83, IF84, IF86, SC01
Prerequisites: PCB305
Credit points: 12
Contact hours: 4 per week

PCB524 UNIT OPERATIONS
Principles of chemical engineering, fluid mechanics, heat transfer and mass 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; unit operations include transport of solids or liquids, mechanical separations, mixing and dispersion processes, extractions, drying operations, heat exchange operations, evaporation, particle comminution, gas absorption, membrane processes and crystallisation. Role of unit operations in processes such as product recovery after chemical synthesis, mineral processing, treatment of industrial waste streams, and downstream processing in biotechnology.
Courses: ED50, IF39, IF71, IF86, SC01
Prerequisites: PCB414
Credit points: 12
Contact hours: 5 per week

PCB548 MEDICAL PHYSICS
Medical imaging and radiation oncology are the two largest areas of employment for medical physicists who are expected to have an understanding of the physical principles and technologies used in these disciplines. Students will undertake a series of lectures that will be augmented by tutorials and laboratory sessions. Specific areas of study will include: imaging with x-rays; imaging with ultrasound; magnetic resonance imaging; nuclear medicine; radiation sources for photon and electron beam therapy; dose distributions including surface and build-up regions; treatment planning for photon beams; radiation dosimetry in radiotherapy.
Courses: IF39, IF71, IF83, IF84, IF86, SC01
Corequisites: PCB362
Credit points: 12
Contact hours: 5 per week

PCB584 SYNTHESES 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: ED50, IF29, IF39, IF71, IF83, IF84, IF86, SC01
Prerequisites: PCB354
Credit points: 12
Contact hours: 4 per week

PCB651 QUANTUM & CONDENSED MATTER PHYSICS
Quantum physics provides the basis for understanding the structure of nuclei, atoms, molecules and solids. Part A: (Quantum Mechanics) 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, IF71, IF83, IF84, IF86, SC01
Prerequisites: PCB462 and (MAB134 or MAB131)
Credit points: 12
Contact hours: 4 per week

PCB662 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, IF71, IF83, IF84, IF86, SC01
Prerequisites: (MAB112 or MBA132) and PCB662
Credit points: 12
Contact hours: 4.5 per week

PCB657 ADVANCED RADIOGRAPHIC TECHNIQUE 1
A study of the principles and techniques used in advanced radiographic techniques including angiography, arteriography, 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
Credit points: 12
Contact hours: 5 per week

PCB801/1 CLINICAL RADIOGRAPHY 3
Clinical experience in advanced radiographic procedures as introduced in PCB476, and general radiography.
Courses: PH38
Prerequisites: PCB476, PCB479
Credit points: 12

PCB802/1 CLINICAL RADIOLOGY 3
Clinical experience in advanced radiographic techniques as introduced in PCB567, and general radiography.
Courses: PH38
Prerequisites: PCB567, PCB580/1
Credit points: 12
UNIT SYNOPSIS

► PCB544 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; fingerprint; forensic applications of optical and electronic microscopy. Substantial laboratory and workshop sessions complement the theory.

Courses: ED50, IF39, IF71, IF86, SC01
Prerequisites: PCB414
Credit points: 12
Contact hours: 4 per week

► PCB587 SPECIALISED RADIOThERAPY TECHNIQUE 1

A course of lectures and practical exercises on the clinical aspects of orthovoltage and superficial therapy. A study of radioactivity including methods of radiation detection, radioac-tive equilibrium and production of radioisotopes, the principles and application of brachytherapy.

Courses: PH38
Prerequisites: PCB489, PCB497
Credit points: 12
Contact hours: 4 per week

► PCB590/1 CLINICAL RADIOTHERAPY 3

Clinical experience in specialised radiotherapy techniques as discussed in PCB587 and PCB595.

Courses: PH38
Prerequisites: PCB590/1
Credit points: 12

► 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; cellular automata and neural networks; Fourier transform theory; convolution theory; image processing hardware; image processing techniques, e.g., analysis, enhancement and restoration; spatial filtering; Fourier space filtering; methods of image reconstruction; applications of image processing in medicine.

Courses: IF39, IF71, IF83, IF84, IF86, PH38, PH60, PH71, PH80, SC01
Prerequisites: MAB100 or PCB107
Credit points: 12
Substantive hours: 6 per week

► PCB595 COMPUTER ASSISTED TREATMENT PLANNING 2

The use of computers in the planning of non-standard and complex therapy 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
Credit points: 12
Contact hours: 6 per week

► PCB600 ADVANCED RADIOGRAPHIC PRACTICE

Includes topics from a number of areas and is designed to complement the particular background of persons undertaking a conversion program or requiring updates in specific skill areas.

Courses: PH49
Credit points: 12

► PCB604 PROJECT

A variety of chemical problems reflecting teaching, research and consultancy interests of the staff.

Courses: ED50, IF39, IF71, IF86, SC01
Prerequisites: Two relevant prerequisites from PCB489, PCB497, PCB514, PCB524, PCB525
Credit points: 12
Contact hours: 5 per week

► 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. Basic electronics and amplifier, amp. yourself. Microprocessors, microcomputers, assem-bly language, interfacing microcontrollers to instruments, data analysis techniques.

Courses: ME46
Credit points: 12
Contact hours: 5 per week

► PCB614 MATERIALS ANALYSIS

Provides a theoretical and practical framework of advanced analytical techniques for character-i-sation of materials including: surface analysis (XPS, ESCA, SIMS), thermal analysis (TG, DTA, DSC), vibrational spectroscopy (DRIFIT, PAS, Raman and FTIR microscopy), solid state NMR, and atomic force micros-copy.

Courses: ED50, IF39, IF71, IF86, SC01
Prerequisites: At least 4 units at advanced level in science majors/co majors
Corequisites: Nil
Credit points: 12
Contact hours: 4 per week

► PCB624 CHEMISTRY IN INDUSTRY AND TECHNOLOGY

Industrial processes and technologies involved in the manufacture of materials of industrial and societal importance. Topics include metals and composites, building materials, ceramics, natural fibres and high technology polymers. The unit includes field trips to various industrial sites and a group problem-solving exercise.

Courses: ED50, IF39, SC01
Credit points: 12
Contact hours: 5 per week

► PCB634 ORGANOMETALLIC AND COORDINATION CHEMISTRY

Major topics covered are: organometallic chemistry, including solid state bonding, coordination and transition metal organometallics and applications of organometallic compounds in synthetic chemistry; bioinorganic chemistry and physical methods of structure determination such as single crystal X-ray diffraction; chemical applications of group theory.

Courses: ED50, IF39, IF71, IF83, IF84, SC01
Prerequisites: PCB434
Credit points: 12
Contact hours: 5 per week

► 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: space-time gravitational collapse, black holes, quasars, neutron stars and pulsars. Cosmology, big bang, evolution of the universe, expanding universe, finite and infinite models of the universe. Links between particle physics and astrophysics.

Courses: SC01
Credit points: 12
Contact hours: 4 per week

► PCB672 PROJECT

A supervised project involving either application of existing theoretical practical knowledge or a limitation of a particular aspect of a selected relevant topic.

Courses: PH38
Credit points: 12

► 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
Credit points: 12
Contact hours: 5 per week

► PCB681 COMPUTED TOMOGRAPHY IMAGING

Lectures, practical exercises and clinical experience in CT imaging.

Courses: PH38
Credit points: 12
Contact hours: 4 per week

► PCB682 MAGNETIC RESONANCE IMAGING

Lectures, tutorial exercises in the physical principles and clinical techniques used in magnetic resonance.

Courses: PH38, PH60, PH71, PH80
Credit points: 12
Contact hours: 3 per week

► 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: ED50, IF39, IF71, IF86, SC01
Prerequisites: PCB242, PCB354
Corequisites: Nil
Credit points: 12
Contact hours: 4 per week

► PCB687 SPECIALISED RADIOThERAPY TECHNIQUE 2

A study of specialised radiotherapy techniques including techniques applicable to the child pa-tient and patients with communicable disease.
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 Centre for Medical and Health Physics, or the School of Physical Sciences.
Courses: SC60
Credit points: 48

PCB706 QUANTUM MECHANICS
Broadly covered topics are: the mathematical foundations of quantum mechanics, different representations, Dirac notations and linear vector space, matrix approach to quantum mechanics, postulates of quantum theory, special and general relativity, 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, two-level systems, non-relativistic theory of single and many particles, and bounded and chemical bonding, theory of scattering, Born approximation, partial wave analysis, time-dependent perturbation theory.
Courses: SC60
Prerequisites: PCB561
Credit points: 12
Contact hours: 4 per week

PCB707 ADVANCED MATERIALS
A research project concerned with the study of advanced materials and their role in modern industry. Topics include: ceramic and metal oxides, composite materials, superconductors, ceramics, electronic and magnetic materials, and other technical materials.
Courses: SC60
Credit points: 12
Contact hours: 4 per week

PCB724 ELECTIVE STUDIES
The subjects are chosen to suit individual students but the topics studied would normally be in the areas of physical chemistry, chemical physics, or biochemistry. The topics are chosen from courses offered by the School of Physical Sciences and the academic staff as well as the needs of the students.
Courses: PH60, SC60
Credit points: 24
Contact hours: 6 per week

PCB789 ADVANCED RADIOThERAPY PRACTICE 1
Involves topics and problems related to the modern radiotherapy treatment of cancer.
Courses: PH38, PH90
Credit points: 12

PCN112 MEDICAL IMAGING SCIENCE
Introduction to the principles of medical imaging and applications of medical physics.
Courses: PH71, PH80, SC60
Credit points: 12

PCN113 RADIATION PHYSICS
Addresses the scientific aspects of ionising radiation with matter; applied radiation counting techniques; biological effects of ionising radiation at the cellular level.
Courses: PH71, PH80, SC60
Credit points: 12
Contact hours: 4 per week

PCN114 MICROPROCESSORS & 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

PCN118 CT IN RADIATION THERAPY
The principles of computed tomography and CT 3D computed tomography simulation in radiation therapy and the applications of the medical physics for real time digitally reconstructed radiographs and enhanced techniques using CT and MRI fusion.
Courses: PH60, PH71, PH80
Credit points: 12
Contact hours: 3 per week

PCN159 ULTRASONIC EXAMINATION I
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
Contact hours: 3 per week

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 equipment and their role and responsibilities of the sonographer in producing a diagnostic examination. Topics include: general scanning principles and considerations, care of equipment, physics of ultrasound, ultrasound equipment features, image production and processing, artefacts, image recording methods, quality assurance techniques, biological hazards and safety issues, care of the patient and communication issues.
Courses: PH71, PH75, PH80, PH85
Credit points: 12
Contact hours: 4 per week

PCN182 ADVANCED COMPUTED TOMOGRAPHY
The principles of computed tomography including computerized scanning equipment and its applications; techniques of specific examinations; CT angiography; multiphase scanning; other considerations and new developments.
Courses: PH60, PH71, PH80
Credit points: 12
Contact hours: 3 per week

PCN184 BREAST IMAGING
Clinical examination and the 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, PH71, PH80
Credit points: 12
Contact hours: 3 per week

PCN187 SPECIALIST STUDIES
A student-centred learning unit that allows students to explore specific areas of interest and applications through self directed study and research.
Courses: PH60, PH71, PH80
Credit points: 12

PCN197 CLINICAL ATTACHMENT 1
A supervised practical program carried out in an approved medical imaging department. Students are required to undertake specified clinical practice and appropriate coursework and sit exam and meet minimum requirements of clinical hours and case scope and numbers.
Courses: PH60, PH71, PH80
Credit points: 12

PCN211 MEDICAL MAGNET
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

PCN212 RADIOThERAPY
Overview of the application of physics to radiotherapy: theoretical and practical aspects of the major topics in radiotherapy physics.
Courses: PH71, PH80, SC60
Credit points: 12
Contact hours: 4 per week

PCN214 HEALTH & OCCUPATIONAL PHYSICS
The philosophy, protocols and practices of safety in the medical and industrial fields; minimization of hazards associated with radiation, acoustic, electrical and mechanical techniques.
Courses: PH71, PH80, SC60
Credit points: 12
Contact hours: 4 per week

PCN218 RESEARCH METHODOLOGY & 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 role and legal and ethical issues involved in their particular specialty 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
Credit points: 12
Contact hours: 3 per week

PCN259 CARDIAC ULTRASOUND
The field of medical ultrasound is scientifically based, in an environment that is rapidly changing and undergoing constant change and advancement. A thorough understanding of the techniques used in the evaluation of the foetal, paediatric and adult heart is essential for any sonographers working in this field. Topics include: patient preparation and communication requirements, basic electrocardiograph (ECG) patterns, standard ultrasound imaging planes, standard B-mode views, M-mode ultrasound, B-mode and M-mode calculations, basic hemodynamics and an introduction to Doppler physics and principles.
Courses: PH75, PH85
Credit points: 12

PCN281 ADVANCED MAGNETIC RESONANCE IMAGING I
Magnetic resonance imaging as applied to medical imaging; the principles, instrumentation and advanced imaging sequencing parameters of image production; new hardware and software; new MRI applications and techniques; MR spectroscopy in imaging.
Courses: PH60, PH71, PH80
Credit points: 12
Contact hours: 3 per week

PCN297 CLINICAL ATTACHMENT 2
A period of additional supervised clinical practice designed to expand and refine skills acquired in PCN197.
Courses: PH71, PH80
Prerequisites: PCN197
Credit points: 12

PCN298 MEDIcINEgRAPHIC INTERPRETATION
The evaluation and interpretation of radiographic images of the axial and appendicular skeleton.
with an emphasis on common diagnostic appearances and their implications.

Courses: PH60, PH71, PH80
Credit points: 12 Contact hours: 3 per week

► PCN355 CARDIOVASCULAR ULTRASOUND

The theoretical and equipment requirements of ultrasonic applications in the cardiovascular system; the clinical techniques and diagnostic criteria in particular those of the peripheral arterial and venous systems and the heart.

Courses: PH71, PH80
Prerequisites: PCN159, PCN197 (part one)
Credit points: 12 Contact hours: 4 per week

► 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 topics in physics and developments in the field of medical ultrasound. Theoretical and practical principles of the peripheral arterial and venous systems and criteria of such applications in particular those of the systemic causes of heart disease.

Courses: PH60
Prerequisites: PCN159, PCN197 (part one)
Credit points: 12 Contact hours: 3 per week

► 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 units PCN259 by introducing concepts and techniques of the complex haemodynamic and Doppler calculations, assessment of systolic function, introduction to trans-oesophageal echocardiography, echocardiographic assessment of pathological conditions of the heart, and systemic causes of heart disease.

Courses: PH71, PH80
Credit points: 12

► PCN397 CLINICAL ATTACHMENT 3

A supervised practical program carried out in an approved medical imaging department. Students are required to undertake specified clinical practice in their area of specialisation and meet minimum requirements of clinical hours and case and scope numbers.

Courses: PH60
Credit points: 12

► 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 advanced concepts and applications of echocardiography.

The advanced areas of diastolic function, unusual pathologies, the assessment of congenital heart lesions in the foetus, and paediatric and adult patient, and new and evolving technologies 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
Credit points: 12

► PCN497 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. 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 placement 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
Credit points: 12

► PCN640 PROJECT

The project may take the form of research development, a feasibility study, or the collation of scattered information on a given topic. The project may 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
Credit points: 48 (24 PT per semester)
Contact hours: 9 per week

► PCN597 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 placement 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
Credit points: 12

► PCN705 RESEARCH METHODOLOGY

A guided program of literature surveys to provide the background information for the research project. The unit teaches students to develop basic verbal and oral communication skills required for the successful conduct of a research project. During the project, research students will be required to attend and participate in seminars. Students must present two seminars on their own research.

Courses: SC80
Credit points: 12

► PCN710 chemical INSTRUMENTATION

Chemical instrumentation and electronics required for advanced level operation of scientific instrumentation.

Courses: SC80
Credit points: 12

► 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
Credit points: 8

► PCN716 ADVANCED TOPICS IN PHYSICS 2

See PCN715.

Courses: SC80
Credit points: 12

► PCN720 CHEMOMETRICS

The concepts of data acquisition and interpretation; computational methods and existing software packages for statistical analysis in chemistry; statistical methods in quality and process control; sampling processes; multivariate analysis and optimisation techniques.

Courses: SC80
Credit points: 12

► PCN730 ADVANCED PHYSICAL METHODS IN CHEMISTRY

Theoretical and practical principles of selected physical methods in chemistry.

Courses: SC80
Credit points: 12

► PCN740 LABORATORY TECHNIQUES FOR PREPARATIVE CHEMISTRY

The experimental techniques for the preparation and isolation of pure substances.

Courses: SC80
Credit points: 12

► PCN801 TOPICS IN ADVANCED CHEMISTRY 2

See PCN701.

Courses: SC80
Credit points: 12

► 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
Credit points: 12 Contact hours: 4 per week
Campus offered: GP Semester offered: 1

► PSB412 COMPUTER SKILLS

Development of understanding, awareness, and appreciation of computers as a tool in data analysis and presentation. Study of data manipulation and examination of output for statistical analysis of data in decision making; the range of available software systems and appropriate data analysis software; utilisation as a professional tool.

Courses: BN31, PS47, PS48
Credit points: 12 Contact hours: 3 per week
Campus offered: GP Semester offered: 1

► PSB413 GRAPHICS

Graphics as a tool within the planning and design process; as a communication aid. Study of data manipulation and examination of output for statistical analysis of data in decision making; the range of available software systems and appropriate data analysis software; utilisation as a professional tool.

Credit points: 12 Contact hours: 3 per week
Campus offered: GP Semester offered: 1

► PSB414 PROFESSIONAL SKILLS 1

Basic information retrieval skills and presentation technique to assist students in developing their research proposals. Students are introduced to academic and professional writing (thesis and publication). Students are introduced to academic and professional writing (thesis and publication).

Credit points: 12 Contact hours: 3 per week
Campus offered: GP Semester offered: 1

► 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, PS47, PS48
Credit points: 12 Contact hours: 4 per week
Campus offered: GP Semester offered: 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
Credit points: 12 Contact hours: 3 per week
Campus offered: GP Semester offered: 2
UNIT SYNOPSIS

► 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 skills: small group communication, verbal/nonverbal languages; listening, assertive and negotiating. Courses: BN31, PS473, PS474
Credit points: 12 Contact hours: 3 per week Semester offered: GP Semester offered: 2

► PSB424 LAND SCIENCE
This unit consists of four elementary modules, which are taken according to the needs of the discipline of study. Module A: spatial referencing - modules A and B. Module A: spatial referencing - modules A and B. Module A: surveying. Module C: science. Module D: statistics. Disciplines: Surveying - modules A and B. Courses: BN31, PS473, PS474
Credit points: 12 Contact hours: 3 per week Semester offered: GP Semester offered: 2

► PSB431 PLANNING/LANDSCAPE DESIGN 4
Theory - reinforcement of the design process. Character - components, types and delineation. Planning - development and implementation. Practical - projects requiring application of knowledge and skills relating to places and their uses, supported by relevant graphic and oral communication techniques. Planning - preparation of appropriate technical drawing and documentation techniques for the preparation of construction documentation. Courses: BN31 Credit points: 12 Contact hours: 3 per week Semester offered: BN31

► PSB435 SOCIAL AND CULTURAL RELATIONS
Introduction to the social structures and their relationships and their structures in contemporary society. Urban and regional planning - the evolution 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 relationships. Courses: BN31 Credit points: 12 Contact hours: 3 per week Semester offered: GP Semester offered: 1

► PSB434 LANDSCAPE DESIGN 5
Theory - reinforcement of site planning and techniques. Development and communication of design ideas and concepts. Design for sustainable futures ensuring a strong community participation facility. Use design science principles to ensure comfort and fit. The design process can be summarized by the aspects of topography, vegetation, structures, and surface materials are all considered as part of the design process. Practical - the project is based on one location and always involves a specific community group. The project has three stages; analysis of the community structure and its needs, analysis of the settings and its physical potential and constraints and discipline oriented proposals for the community/location improvement. The studio requires an increased emphasis on group work at the investigative stage. Courses: BN31
Credit points: 12 Contact hours: 3 per week Semester offered: GP Semester offered: 1

► PSB441 PLANNING/LANDSCAPE DESIGN 6
Theory - reinforcement of the design process. Character - components, types and delineation. Planning - development and implementation. Practical - projects requiring application of knowledge and skills relating to places and their uses, supported by relevant graphic and oral communication techniques. Planning - preparation of appropriate technical drawing and documentation techniques for the preparation of construction documentation. Courses: BN31
Credit points: 12 Contact hours: 3 per week Semester offered: GP Semester offered: 2

► PSB442 PLANT STUDIES (L/A ONLY)
(a) Plant Ecology: Resources for studying plants. Evolution of the plant kingdom, plant systematics, plant ecology, plant physiology, form and function, requirements for plant growth, plants and habitats, populations, ecosystems, disturbance, pattern and diversity. (b) 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 Credit points: 12 Contact hours: 3 per week Semester offered: GP Semester offered: 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 and Internal migration family and multicultural citizens. 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, State urban land use policies, Sustainable urban development, Urbanisation and housing issues in developing countries. Courses: BN31 Credit points: 12 Contact hours: 3 per week Semester offered: GP Semester offered: 2

► PSB444 INFRASTRUCTURE PLANNING (URP ONLY)
Transport studies and the links between land uses and transport. The main modes of transport (e.g. private vehicle, bus, rail, bicycle) and their requirements and impacts. Methods of predicting future transport patterns. Traditional and innovative techniques of transportation planning and management. Land use planning approaches, which utilise transport management techniques. The effects of transport development on economic activities and implementation on the physical, social and cultural environment. Introduction to the basic requirements of human occupation and infrastructure of other ‘hard’ infrastructure, including planning for community services, water supply, sewerage, electricity, electronic communications and infrastructure financing. Introduction to human services planning. The impacts of changing materials and technology on infrastructure and settlement patterns, as well as the possible changes that may occur in the foreseeable future. Courses: BN31
Credit points: 12 Contact hours: 3 per week Semester offered: GP Semester offered: 2

► PSB445 PLANNING/LANDSCAPE DESIGN 5
Design 5
Classes will be based on one or at most two projects. For each project, the work will be carried out for a client (who may be an individual or group) on a specific site. The design(s) will be taken to the concept stage for presentation to the client(s) and others. The project will be carried out through identifiable inter-disciplinary teamwork. The program for each project will involve developing an understanding of the context of the site and the project, development of clear directions for the project and a clear brief, site and project analysis, concept generation and development, and graphic, verbal and written communication of the proposal(s).

Courses: BN31
Credit points: 12 Contact hours: 4 per week Semester offered: GP Semester offered: 1

► PSB446 PROFESSIONAL SKILLS 2
The sources and importance of systems and 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 topics of the day, such as land development, conservation, government policies, changing technology, and cultural diversity. Identification of potential sources of conflict in communities and groups. Principles of conflict management. Conflict management processes and techniques related to professional activity, including community consultation, working with groups, professional teams and the like. Application of the principles and techniques related to professional activity, including community consultation, working with groups, professional teams and the like. Application of the
UNIT SYNOPSIS

► PSB461 PLANNING/LANDSCAPE DESIGN
This unit requires individual work supported by informal workshops. The content is organised within a community and based upon an area, which is composed of a complex array of topics, constraints and opportunities. Following an overview of the given area and a statement of broad directions for its development, the unit develops a range of topics, related to land and social environments, each student proposes an individual study topic. The topic theory is then researched and a study area analysis undertaken to develop a brief for development of subsequent proposals. Each student then carries through the brief by developing conceptual and detailed proposals, and a project. The unit allows each student to interact personally with members of the community and to develop a climax project for one of work.

Courses: BN31
Credit points: 12
Contact hours: 4 per week
Campus offered: GP
Semester offered: 2
► PSB462 CONSERVATION AND MANAGEMENT
This is a composite unit containing two segments: heritage studies (conservation) and land use policies and evaluation (management). The conservation unit segment deals with the theory and practice behind the conservation of the built and natural environments. The lectures will include an introduction to the Australian ICOMOS Burra Charter, and cover conservation principles and accepted procedures, methods of researching and assessing the cultural and natural significance, and locally applicable protective heritage legislation. The management unit segment provides an understanding of different levels of government in Australia related to land use policy, explores why public policies are made and by whom, and the implementation and evaluation of land use policies.

Courses: BN31
Credit points: 12
Contact hours: 3 per week
Campus offered: GP
Semester offered: 2
► PSB610 GOVERNMENT AND LAW
Study of Australian political institutions and how they affect land development.

Courses: PS47, PS48, BN31
Credit points: 12
Contact hours: 3 per week
Campus offered: GP
Semester offered: 2
► PSB611 INTRODUCTION TO URBAN 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, rent, populations, compensation, land use controls and zoning and development. Different 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
Credit points: 12
Contact hours: 3 per week
Campus offered: GP
Semester offered: 2
► PSB612 SPATIAL AND LAND INFORMATION MANAGEMENT
Spatial and geometrical Applications Areas: application areas; resource management; urban and rural planning; cadastral administration; facilities management. System Planning: system planning for functional requirements analysis; system evaluation; benchmarking. System Implementation: database creation; implementation issues; implementation strategies.

Other Aspects: standards; legal issues; knowledge-based technologies.

Courses: PS47, PS48
Credit points: 12
Contact hours: 4 per week
Campus offered: GP
Semester offered: 1
► PSB613 LAND DEVELOPMENT PRINCIPLES AND PRACTICES
Principles and policies concerned with sustainability of land development from an economic, ecological and social perspective.

Courses: PS47, PS48, BN31
Credit points: 12
Contact hours: 3 per week
Campus offered: GP
Semester offered: 2
► PSB614 URBAN AND RURAL DESIGN PRINCIPLES
The history of land development, especially urban land development, in Australia and in Queensland in particular. The physical, economic and social determinants of land use. Land development as an economic activity. Economic and social benefits of land development controls. Site analysis and assessment, opportunities and constraints, site evaluation, GIS applications. The site in its broader context. Spatial models; models for levels of activity and location of activities, optimising models. Elements of urban development; road capacity, functions, infrastructure, road hierarchies. Geometric layout of rural and urban roads. Storm water and sewerage drainage for urban subdivisions. Design; traffic design, geometry, and orientation, road hierarchies and access; open space systems, radburn. Provision and location of services. Detailed treatment of development controls, including provisions for land use regulations, negotiations, applications, and appeals. Preparations for Court, precedents.

Courses: PS47, PS48
Credit points: 12
Contact hours: 4 per week
Campus offered: GP
Semester offered: 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 rural estates, industrial estates, group titles, 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 approvals.

Courses: PS47, PS48
Credit points: 12
Contact hours: 4 per week
Campus offered: GP
Semester offered: 2
► PSB620 CADASTRAL SURVEYING AND MAPPING

Land Title Systems, Reinstatement: An explanation of the options of land title systems, with particular reference to the Land Tenure Systems, 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 data and survey actions. The legal aspects of re-instatement of boundaries. Case law associated with re-instatement. Statutory requirements that relate to the zoning and development of land.

Courses: PS47, PS48
Credit points: 12
Contact hours: 5 per week
Campus offered: GP
Semester offered: 1
► PSB621 ADVANCED CADASTRAL SURVEYING
The need for control in the use of resources. Property rights, a method of resource control. Creating and maintaining knowledge of property rights; including issues concerned with parcel identifiers, the role of cadastral survey systems, 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, land use controls. Procedures of the various departments including but not confined to, the Department of Lands; Resources Industries, Plan registration, Road closure, Resumption surveys, Conversion of Mining tenure to freehold, Conversion of pastoral tenure to freehold, Plans for and of reserves of various kinds. The undertaking of a cadastral survey of moderate complexity in accordance with Surveyors' Board's requirements for registration as a surveyor.

Courses: PS47, PS48
Credit points: 12
Contact hours: 4 per week
Campus offered: GP
Semester offered: 2
► PSB630 CARTOGRAPHY AND DIGITAL MAPPING
Digital data acquisition: types of digitisers and scanning devices; raster/vector conversion techniques; scanning problems; output devices; printers, plotters, scanner plotters, image setters. Interactive computer processing and vector techniques; sampling of data. Problems of accuracy and presentability of information. Classification and techniques that make use of spatial coverages. Development of computer cartography systems. Digital data representation of land cover and terrain. Advanced techniques for image processing and registration.

Courses: PS47, PS48
Credit points: 12
Contact hours: 4 per week
Campus offered: GP
Semester offered: 2
► PSB631 GEOGRAPHIC INFORMATION SYSTEMS
This unit investigates the basic concepts of geographic information systems. Topics to be covered include choice of data sources and databases, data acquisition, reference framework, use of photographs and images, spatial analysis and graphic output design issues.

Courses: PS47, PS48
Credit points: 12
Contact hours: 4 per week
Campus offered: GP
Semester offered: 2
► PSB632 PHOTOGRAMMETRY

Courses: PS47, PS48
Credit points: 12
Contact hours: 4 per week
Campus offered: GP
Semester offered: 2
► PSB633 MAP PRODUCTION PRINCIPLES AND PRACTICE
Map design, map production principles; map production practice, map publishing; reprography; map printing and reproduction; colour, cartography and printing, cartographic colour system for cartographic drawing; colour separation, grid and graticules and design layout, interactive mapping and selection plotting, Conventions for the production of thematic and cadastral maps.

Courses: PS47, PS48
Credit points: 12
Contact hours: 5 per week
Campus offered: GP
Semester offered: 2
► PSB640 SURVEYING
This unit will extend the theory and practice of PSB424 Land Science to provide: a foundation in field instruments and measurement; calculations: 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
Credit points: 12
Contact hours: 5 per week
Campus offered: GP
Semester offered: 2
► PSB641 ENGINEERING SURVEYING
Horizontal and Vertical alignment for route surveys, road, structures, ground surveys, measurements and their assessment, Propagation of Variances, Pre-analysis of survey tasks, Least
Squares adjustment methods for various functional and stochastic models.

Reconnaissance for geodetic surveys - formulate mathematical models for the solution of linear and non-linear positioning in one, two and three dimensions. Geodetic observations techniques and reduction of observations. The three classical methods of geodetic surveying, that of triangulation, trilateration and traversing. Precise levelling including instrument testing. Properties of the meridian ellipse. Radii of curvature, meridional curvature, gravitational attraction, oblateness, flattening. Ellipsoidal height. Mutual conversion of geodetic and Cartesian co-ordinates.

Courses: PS47, PS48
Prerequisites: PSB640
Credit points: 12 Contact hours: 5 per week
Semester offered: 2

PSB642 CONTROL SURVEYING AND GEOGRAPHS
Study of control surveying theory, application and operation. Includes its mathematical foundations and computational tools. Procedures used in the collection of field data. Interpretation, analysis and presentation of the research project to professionals.

Courses: PS47, PS48
Prerequisites: PSB641, MBA730
Credit points: 12 Contact hours: 5 per week
Semester offered: GP
Semester offered: 1

PSB643 GEODESY
Theory: Concept and classification of geodesy, the basic concepts of the earth's gravity field, local gravity, the ellipsoid, the geoid, the geoid, the 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. Plane projections. The use of skew gravitcones. The UTM system

Courses: PS47, PS48
Prerequisites: PSB642
Credit points: 12 Contact hours: 4 per week
Semester offered: GP
Semester offered: 2

PSB644 ADVANCED GEODESY
(a) Theory: GPS. The structure of navigation messages, GPS observable and error budget, differencing techniques, GPS positioning models and algorithms, software. GPS field observing. Survey control, RTR and various GPS applications in geomatics (b) Practicals: GPS Network

Courses: PS47, PS48
Prerequisites: PSB643
Credit points: 12 Contact hours: 4 per week
Semester offered: GP
Semester offered: 1

PSB654 SURVEYING AND MAPPING PROJECTS
Field surveys for DTMs as-constructed surveys, associated specifications and standards. Mining surveys for surface and below surface mining activities. Design and supervision for exploration and port management.

Courses: PS47, PS48
Prerequisites: PSB642
Credit points: 12 Contact hours: 4 per week
Semester offered: GP
Semester offered: 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 course of the unit being taken.

Courses: PS47, PS48
Credit points: 12 Contact hours: 5 per week
Semester offered: 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
Credit points: 12 Contact hours: 4 per week
Semester offered: GP
Semester offered: 1, 2

PSB665 REMOTE SENSING
Study of drone and mobile sensing. Types of imagery, image interpretation, satellite systems. Supervised and unsupervised image classification. Interpolation, analysis and presentation of data. Applications in the earth sciences.

Courses: PS47, PS48
Credit points: 12 Contact hours: 4 per week
Semester offered: GP
Semester offered: 1, 2

PSN211 RESEARCH PROJECT 1 & ADVANCED RESEARCH METHODS
Literature reviews. Review of quantitative and qualitative research methodologies. Forecasting and analysis for planning and use of microcomputers. Statistics, information analysis and Excel. Writing a research report. Preparation of a detailed research proposal with clear aims, an established methodology, a satisfactory outline, and a coherent timeline. Completion of a focused, coherent research project.

Courses: PS70, PS71
Credit points: 12 Contact hours: 3 per week
Semester offered: 2

PSN221 ADVANCED SPECIALISATION
The student develops further a specific Advanced Specialisation utilising units offered elsewhere in QUT or at another tertiary institution that must, for approval, be extension of the specialisation studied in PSPS10 Specialisation in an earlier semester. The Advanced Specialisation is subject to the PSN212 Research Project II. Areas of specialisation are Regional and Local Development, Urban Housing and Continuing Community Development.

Courses: PS70
Credit points: 12 Contact hours: 3 per week
Semester offered: GP
Semester offered: 2

PSP211 RESEARCH PROJECT 1 & ADVANCED RESEARCH METHODS
Literature reviews. Review of qualitative and quantitative research methodologies. Forecasting and analysis for planning and use of microcomputers. Statistics, information analysis and Excel. Writing a research report. Preparation of a detailed research proposal with clear aims, an established methodology, a satisfactory outline, and a coherent timeline. Completion of a focused, coherent research project.

Courses: PS70, PS71
Credit points: 12 Contact hours: 3 per week
Semester offered: 2

PSP261 LANDSCAPE CONSTRUCTION
Introduction to basic equipment for site measurement recording of field data and the preparation of measured site drawings from recorded datum points. Theory of terracing and grading; 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 Contact hours: 3 per week
Semester offered: 2

PSP262 COMMUNICATION AND PRACTICE 1
Roles and ranges of employment; organisation and activities of the professional Institute; and introduction to the range of professions associated with Landscape Architecture. The concept of professionalism and contemporary social extension of the profession. Time and percentage measurement and costing related to the professions services of promotion, obtaining commiss-
forms of visual communication to suit our purposes; the physical processes i.e. the basic tools, materials, techniques (manual and computer aided). Formal writing techniques including reports, instructions, proposals (including CVs), applications, correspondence and text for publication. Formal oral communication techniques including meetings, conferences, interpersonal presentations and other speakers (informative and persuasive). Advanced Information Retrieval skills and communication by email and the World Wide Web.

...speeches (informative and persuasive). Interviews, professional presentations and other techniques including meetings, conferences, and workshops. The use of data analysis to generate and evaluate possible solutions in context. The application of site planning 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.

...and accepted procedures. Plant Studies: The contemporary theory and practice behind the use of plants by landscape architects. Courses: PS66, PS71 Credit points: 12

Campus offered: GP

► PSP263 LANDSCAPE ECOLoGY

Structural relationships of spatial entities within landscape (natural, social, aesthetic) in site and urban development. Exploration of open space and place theory and application to local scales. Theories of user/place relationships and the study of human functioning in environments; concepts of culture and socially and physically inclusive space and behaviour settings; techniques for the assessment or evaluation of the environment including observed and the application of these ideas through the use of case studies, exercises, and personal experience in daily life.

Credit points: 12

Semester offered: 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 construction. Appropriate techniques for preparation of construction documents.

Costing of broad development types. Courses: PS66, PS71 Credit points: 12

Campus offered: GP

► 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 construction. Appropriate techniques for construction documents. Costing of broad development types.

Courses: PS66, PS71 Credit points: 12

Campus offered: GP

► PSP267 HERITAGE AND PLANT STUDIES

Landscape Design History: The evolutionary development of designed landscapes (part of cultural heritage) or created by human beings within a global context, highlighting Australia; use of chronological, biographical and theoretical approaches, understanding change. The theory and practice behind the construction of the built environment, and especially cultural landscape heritage; an introduction to the Venice Charter, the Florence Charter & Australia's Burra Charter; conservation principles...
UNIT SYNOPSIS

Credit points: 12
Contact hours: 42
Campus offered: GP
Semester offered: 1

PSP316 SURVEY COMPUTING & PROCESSING
Understand and use of the DOS operating system; Word processing packages; Surveying and drafting packages; Management and technical applications.
Courses: PS68
Credit points: 12
Contact hours: 42
Campus offered: GP
Semester offered: 1

PSP317 PROPERTY DEVELOPMENT SURVEYS
An examination of the legislation involved with the development of a rural subdivision. Considerations 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
Credit points: 12
Contact hours: 42
Campus offered: GP
Semester offered: 1

PSP323 PROJECT SITE SURVEYS
Detail surveying; methods, equipment, data requirements; Preparation of specifications and costs of survey work; Processing of data, report and presentation. Considerations of the control layout of the site to be surveyed.
Courses: PS68
Credit points: 12
Contact hours: 42
Campus offered: GP
Semester offered: 2

PSP326 GIS & GPS
Project work involving the total assessment, preparation and presentation 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
Credit points: 12
Contact hours: 42
Campus offered: GP
Semester offered: 2

PSP327 ENGINEERING SURVEYING
Assessment of available technology, configuration of measuring systems and recording of data. Project definition and preparation of specifications including methodology, documentation, requirements of field records and determination and assessment of results. Management of engineering survey projects including the design and preparation of contracts and work in other units of the course, and joint/complementary projects with other courses in the Faculty. NB: This unit continues the current overlap with the postgraduate Landscape Architecture units PSP219 Advanced Landscape Design (12 credit points) and the 6 credit points Cultural Values component of Landscape Studies 4.
Courses: BN73, PS69
Credit points: 24
Contact hours: 6 per week
Campus offered: GP
Semester offered: 2

PSP328 BOUNDARY DEFINITION SURVEYS
Reinstatement exercises becoming increasingly complex and difficult. Field survey project work associated with difficult boundary definition. Field survey project work associated with boundary definition for easements surveys and mining lease surveys.
Courses: PS68
Credit points: 12
Contact hours: 42
Campus offered: GP
Semester offered: 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 drainage system. Urban subdivision hydrostatics and rainfall flow concepts, rainfall and run-off concepts, urban and street drainage design. Preparation of a drainage design in terms of specifications for a small (e.g. 20 Lot) urban subdivision.
Courses: PS68
Credit points: 12
Contact hours: 42
Campus offered: GP
Semester offered: 2

PSP330 PROFESSIONAL PRACTICE MANAGEMENT
Apply principles involved in the running of a project; Planning and implementation; 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
Credit points: 12
Contact hours: 42
Campus offered: GP
Semester offered: 2

PSP451 PRODUCTION & USE OF THE BUILT ENVIRONMENT
This unit investigates the roles and components of the constructed built environment, including building materials, structures, system design, and built form. The urban land development process, including site and zoning conditions, development rights, and controls. Urban design techniques such as charettes and action planning workshops.
Courses: BN73, PS69
Credit points: 12
Contact hours: 3 per week
Campus offered: GP
Semester offered: 1

PSP452 URBAN DESIGN STUDIO A
This studio focuses on the analysis of urban issues in a particular planning and design context. Survey design, data collection, analysis, and presentation of data. Design, technology, and application of computer-aided design and visualization tools.
Courses: BN73, PS69
Credit points: 12
Contact hours: 6 per week
Campus offered: GP
Semester offered: 2

PSP453 URBAN SYSTEMS & THE PHYSICAL ENVIRONMENT
The relationship between the urban system and the physical environment. Urban services including water, sewage, power, telecommunications, transport; controlling authorities, service delivery bodies, planning requirements and controls. Environmental design. Community 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
Credit points: 12
Contact hours: 3 per week
Campus offered: GP
Semester offered: 2

PSP501 ENVIRONMENTAL PLANNING & ASSESSMENT
Applied studies in geography and geomorphology, climate, soils and hydrology, the broad soil and plant community associations. Sustainability and urban planning. Environmental economics. Land use suitability. Environmental effects of environmental impact studies and assessment techniques, including social impact assessment. Public and environmental policy. Application of the methods to develop proposals for land development.
Courses: PS70, PS72
Credit points: 12
Contact hours: 3 per week
Campus offered: GP
Semester offered: 1

PSP502 ECONOMIC & SOCIAL FOUNDATIONS OF PLANNING
The historical development of planning in a social context. Introduction to social theory. Planning for social benefit and the economics of community and local development. Local labour markets. Structural economic change and the global economy. Public interest and individual preferences. Australian government and urban policy development and alternatives at national, state and local level.
Courses: PS70, PS72
Credit points: 12
Contact hours: 3 per week
Campus offered: GP
Semester offered: 1

PSP503 PLANNING & RESEARCH METHODS
The structure, methodological context and elements of the planning process. The role of objectives, information, interpretation, policy formulation, generation of alternatives, evaluation and monitoring. The use of quantitative methods and the planning process. Qualitative research, including case studies. Survey design, administration and analysis. Use of maps and other cartographic resources. Computer-based methods of analysis and presentation of data. Research design, including writing of research proposals, oral and written presentation.
Courses: PS70, PS72
Credit points: 12
Contact hours: 3 per week
Campus offered: GP
Semester offered: 1

PSP504 URBAN SYSTEMS & INFRASTRUCTURE
Courses: PS70, PS72
Credit points: 12
Contact hours: 3 per week
Campus offered: GP
Semester offered: 1

PSP505 PLANNING IN SOCIETY
Major issues in contemporary planning, including gender, multiculturalism, etc. Public policies in Australia relating to employment, housing, urban and regional development, health, income and education. Public participation and community action; planning aid and advocacy planning. Conflict management, resolution and negotiation. Social impact assessment.
Courses: PS70, PS72
Credit points: 12
Contact hours: 3 per week
Campus offered: GP
Semester offered: 1

PSP506 PLANNING THEORY & ETHICS
Major contributions to planning and decision-making theory, including the rational comprehensivist, normative, conventionalist, relativist and other models. Critical and political economy theory and other theories for planning. The nature and role of a professional and professional-
UNIT SYNOPSES

ism, codes of practice and ethics; the role of the professional planner in the private and public practice; situations of professional conflict; the role of the expert witness.

Courses: PS70, PS72

Credit points: 12
Contact hours: 3 per week

Campus offered: GP
Semester offered: 2

► PSP507 PLANNING PROCEDURES & LAW
Planning law and administration in Queensland and Australia, with international comparisons. Corporate and strategic planning, project management, Planning communication and negotiation skills, particularly in implementing planning proposals. Evaluation of planning projects and their outcomes. Community and local economic development.

Courses: PS70, PS72

Credit points: 12
Contact hours: 3 per week

Campus offered: GP
Semester offered: 2

► PSP508 PLANNING PRACTICE
The core of this unit is a problem-solving group project set in an inner metropolitan or small town location, normally undertaken in conjunction with local governments and councils. A sub-division exercise may be included as part of the major project or as a separate scheme. This unit offers opportunities for applications of knowledge and skills in the fields of site analysis and planning and land development. Lecturers on these and other topics will provide relevant inputs to this project oriented unit, including relevant aspects of planning legislation. The unit will include examples of recent best practice in the planning professions of the Commonwealth and Local Approval Review Process or related programs.

Courses: PS70, PS72

Credit points: 12
Contact hours: 3 per week

Campus offered: GP
Semester offered: 2

► PSP509 REGIONAL & METROPOLITAN POLICY
Theories of regional and metropolitan development. Regional analysis methods, including input-output models, economic base studies and the like. The impact of the Australian federal system and inter-governmental relations on the ways in which metropolitan and other regions are planned and governed. Regional and metropolitan policies and management, including coordinating mechanisms. Regional and metropolitan management models and comparisons. The role of statutory authorities. Planning for rural and regional areas. Principles of regional environmental and land use planning and approaches such as sustainable management.

Courses: PS70, PS72

Credit points: 12
Contact hours: 3 per week

Campus offered: GP
Semester offered: 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 that must, for approval, also lead on to an Advanced Specialisation if they are enrolled in PS70. Students will normally choose a specialisation that 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

Credit points: 12
Contact hours: 3 per week

Campus offered: GP
Semester offered: 1

► PSP512 PLANNING PRACTICE II
This is a problem-solving group project focusing on a planning region that is generally larger and more complex than a single town, city, or its hinterland, a metropolitan region or a functional rural region. This unit offers scope for the application of knowledge and skills gained in other units, including PSP509 Regional and Metropolitan Policy.

Relevant aspects of planning legislation will be included.

Courses: PS70, PS72

Credit points: 12
Contact hours: 3 per week

Campus offered: GP
Semester offered: 1

► PSP513 FIELD TRIP
The field trip will be to a structure of a staff-guided visit of about one week to one or more of a number of appropriate locations, including non-metropolitan Queensland, other metropolitan centres in Australia, and possibly overseas.

Courses: PS70, PS72

Credit points: 0
Contact hours: 1 week

Campus offered: GP
Semester offered: 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 and the roles and methods of operation. This unit introduces the role of health service managers as members of the health care team; the basic principles of healthcare management in health care facilities and beyond as well as the functions of health service managers.

Courses: HL46, IF47, PU40

Credit points: 12
Contact hours: 3 per week

Campus offered: KG
Semester offered: 1

► PUB105 INTRODUCTION TO FAMILY STUDIES
An introduction to the social sciences (Sociology, Psychology and Anthropology), which underpin the study of the family. Special application to the provision of food, clothing and shelter on the basic need of individuals and families.

Courses: ED50, HL46, PU40

Credit points: 12
Contact hours: 3 per week

Campus offered: KG
Semester offered: 1

► PUB106 INTRODUCTION TO HEALTH INFORMATION MANAGEMENT
This unit introduces the role of the health information manager as members of the health care team; the basic principles of health information management in health care facilities and beyond; the functions of the various departments; health information systems in hospitals, data management, electronic health records, etc.

Courses: IF85, PU40

Credit points: 12
Contact hours: 3 per week

Campus offered: KG
Semester offered: 1

► PUB107 SUSTAINABLE ENVIRONMENTS FOR HEALTH
A brief history of environmental health; the current role of environmental health officers within the public health sector at all levels of government and the principal public health legislation in this state; development of an understanding of introductory law and environmental law, the complexity of environmental systems, the effects of pollutants on such systems and the interdisciplinary approaches needed to address them; tolerant, non-toxic and non-tolerant, addictions and diseases of environmental health promotion.

Courses: IF87, PU40

Credit points: 12
Contact hours: 3 per week

Campus offered: KG
Semester offered: 1

► PUB112 WORKPLACE HEALTH & SAFETY
Introduces students to the basic concepts and the 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 and chemical working environment and evaluation of the data collected.

Courses: PU130

Credit points: 12
Contact hours: 3 per week

Campus offered: KG
Semester offered: 1

► PUB117 INTRODUCTION TO CONSUMER STUDIES
Examines basic concepts in the understanding of consumers in their personal, social, economic, political and cultural contexts. Consumers can be perceived as victims needing protection against knowledgeable, powerful and sometimes unscrupulous manufacturers, professionals and/or services providers. The unit will consider specific contexts in which consumers of health find themselves and in which they act, react and are acted upon. Issues of consumer participation, complaints mechanisms and proactive behaviour are introduced.

Courses: HL46, IF47, PU40

Credit points: 12
Contact hours: 3 per week

Campus offered: KG
Semester offered: 2

► PUB127 HEALTH ISSUES IN AUSTRALIA
Overview of the major determinants of morbidity and mortality in Australia. Major topics include: concepts of health and illness, patterns of health and illness, and social distribution of health and illness in Australia. Discussions include the national health priority areas (cardiovascular disease, cancer, injury, diabetes, and mental health), the health status of specific population groups, as well as emerging issues, including the role of health promotion.

Courses: ED50

Credit points: 12
Contact hours: 3 per week

Campus offered: KG
Semester offered: 1

► PUB201 PUBLIC HEALTH NUTRITION
The study of food and nutrition in Australia: the food system, an introduction to proteins, carbohydrates, fats, vitamins and minerals, introduction to food groups systems, dietary guidelines, the recommended dietary intakes, nutrition through the life cycle; introduction to the food supply, food problems and nutrition problems; nutrition as a public health issue, international nutrition issues.

Courses: ED50, HL42, HL46, PU40, PU43

Credit points: 12
Contact hours: 4 per week

Campus offered: KG
Semester offered: 2

► PUB203 PRIMARY HEALTH CARE
Introduces students to the principles, strategies and practice of primary healthcare with special reference to community, family and workplace settings. The importance of health promotion, prevention, empowerment and intersectoral collaboration in primary healthcare will be examined.

Courses: ED50, HL46, NA80, PU40, PU43

Credit points: 12
Contact hours: 3 per week

Campus offered: KG
Semester offered: 2

► PUB220 MEDICAL TERMINOLOGY
Exploration of the language of medicine; analyse medical terms using 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

Credit points: 12
Contact hours: 3 per week

Campus offered: KG
Semester offered: 1

► PUB225 LIVING SPACES FOR PEOPLE
Critical aspects of shelter as a fulfilment of people’s basic needs; design, technology and legislation linked to decisions affecting provision of shelter for the differing needs of individuals and families.

Courses: ED50

Credit points: 12
Contact hours: 3 per week

Campus offered: KG
Semester offered: 2

► PUB233 COMMUNICATION, INFORMATION AND EDUCATION FOR PRIMARY HEALTH CARE
This unit aims to introduce students to the practical skills of communication and the theories of information and education that underpin the development of these skills. Students study the process of communication and the barriers that impede it, while acquiring the range of skills necessary for...
communicating as competent professionals in the health field. It covers person to person communication; communication in small groups; public education for health, diffusion and adoption of new health related behaviours; the role of information; the use of mass media; and communication within health organisations.

Courses: HL42, HL46, IF47, IF85, NA80, PU40, PU43, BoRahHlth
Credit points: 12 Contact hours: 4 per week
Campus offered: KG Semester offered: 1, 2

► 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 protection and promotion; 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.

The key sociological issues relevant to public health, such as Aboriginal health as well as other groups with special needs.

Courses: HL42, HL46, IF47, IF85, NA80, PU40, PU43, BoRahHlth
Credit points: 12 Contact hours: 4 per week
Campus offered: KG Semester offered: 1, 2

► PUB298 HEALTH INFORMATION MANAGEMENT 2
Continuation of PUB106. There is an emphasis on analysis and improvement of health information (HIS) systems in hospitals. The examination of health information services will move outside the medical records department of hospitals to wards, bed allocation and admission officers; accident and emergency departments; outpatients and allied health services and other specialist services such as radiology, pharmacy and pathology. Skills in health data management, forms design and statistical presentation of hospital or health services activities are developed.

Courses: IF85, PU40 Prerequisites: PUB106
Credit points: 12 Contact hours: 3 per week
Campus offered: KG Semester offered: 1

► 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 specific settings relevant to fundamental environmental health practice and is reflective of the nature and scope of activities of Environmental Health practitioners in the workplace.

Courses: IF87, PU40
Credit points: 12 Contact hours: 4 per week
Campus offered: KG Semester offered: 1

► PUB312 HOME ECONOMICS CURRICULUM STUDIES 1
Provides students with a range of understandings and processes for analysing, interpreting and communicating home economics classroom to order. Students will prepare a formal research proposal and write a literature review. Students will review a research proposal in order to develop a scientific understanding and aesthetic aspects of textiles, their selection, use and care, with reference to specific end uses; practical aspects of construction and surface design of textile articles applied to individual textile projects.

Courses: ED50
Credit points: 12 Contact hours: 5 per week
Campus offered: KG Semester offered: 2

► PUB313 DESIGN
Design has a relevance to both the teaching and learning process and the discipline of home economics. In the use of textiles, food and shelter, there is a role for the application of design as well as critical evaluation and communication of the products of design; provides students with generic design knowledge as well as experience in the application of this knowledge in the specific area of home economics.

Courses: ED50
Credit points: 12 Contact hours: 3 per week
Campus offered: KG Semester offered: 1

► PUB314 EPIEMIOLOGY & STATISTICS
Epidemiology is the study of the distribution and determinants of health and disease in the population. This unit examines how epidemiology can identify various causes of health problems, and considers how epidemiology is useful in controlling or preventing the occurrence of diseases. The unit begins with the history of disease in human populations and examines how scientific concepts and methods have changed during the twentieth century and ultimately today. Students are introduced to a wide range of study designs and measurement methods in areas such as clinical, environmental, genetic and behavioural epidemiology; and we examine how this science can be applied to solving problems in practical settings. One third of this unit focuses on statistical methods. We examine the basic assumptions underlying analysis of quantitative data and use a range of techniques to help you apply the analysis of information on health and human disease.

Courses: IF47, IF87, HL42, HL46, PU40, PU43
Prerequisites: PUB251
Credit points: 12 Contact hours: 4 per week
Campus offered: KG Semester offered: 1

► PUB316 RESEARCH METHODS
This unit is an introduction to the research process with an emphasis on understanding the nature of research and making decisions about appropriate methodologies to be used. We will explore the history of research and the research process in public health, and examine the role of research in the education and practice of health professionals. We will define research questions, design research studies and apply research strategies. Emphasis will be on the nature of research and the role of research in making decisions about public health practice. Students will prepare a formal research proposal and write a literature review. Students will review a research proposal in order to develop a critical understanding of research methods in areas such as clinical, environmental, genetic and behavioural epidemiology; and we examine how this science can be applied to solving problems in practical settings. One third of this unit focuses on statistical methods. We examine the basic assumptions underlying analysis of quantitative data and use a range of techniques to help you apply the analysis of information on health and human disease.

Courses: IF47, IF87, HL42, HL46, PU40, PU43
Prerequisites: PUB251
Credit points: 12 Contact hours: 4 per week
Campus offered: KG Semester offered: 2

► PUB317 NUTRITION EDUCATION

Courses: ED50, PU43 Prerequisites: PUB201
Credit points: 12 Contact hours: 4 per week
Campus offered: KG Semester offered: 1

► PUB349 FAMILIES & HOUSEHOLDS
Examination of the families, family roles and family systems in Australia and internationally. Perspectives considered include: structural functionalism, symbolic interactional, conflict and family therapy.

Courses: ED50 Prerequisites: PUB105
Credit points: 12 Contact hours: 3 per week
Campus offered: KG Semester offered: 1

► PUB354 OCCUPATIONAL HEALTH
Examination of occupational health and safety in the workplace. Emphasis will be on the role of health and safety in the workplace and the legislative and organisational frameworks which determine the nature of workplace health and safety. Students will be introduced to the nature of workplace health and safety and the legislative and organisational frameworks which determine the nature of workplace health and safety.

Courses: PU40
Prerequisites: PUB348
Credit points: 12 Contact hours: 5 per week
Campus offered: KG Semester offered: 1

► PUB355 HOSPITALITY STUDIES
The use of relevant management principles, safe ergonomic work practices and computerised reservation skills, sound nutrition and mastery of techniques in food production and presentation.

Courses: ED50
Credit points: 12 Contact hours: 3 per week
Campus offered: KG Semester offered: 1

► PUB356 CLINICAL CLASSIFICATION 1
This unit introduces the student to the key classification schemes in the speciality of occupational therapy including musculoskeletal, neuromotor, and pain conditions. It introduces the student to the key classification schemes in the speciality of occupational therapy including musculoskeletal, neuromotor, and pain conditions.
eases and procedures using the International Classification of Diseases, 10th Revision, and ANZIAC Classification (ICD-10-AM). Clinical classification responds to internal and external demands for medical information, for example, in reimbursement, treatment, education, ABS, hospital morbidity data collections, and case mix information systems.

Courses: IF85, PU40
Prerequisites: PUB220, LS8142, LS8361
Credit points: 12 Contact hours: 4 per week
Semester offered: KG Semester offered: 2

► PUB361 TEXTILES 2
Comprehensive study of textiles. An understanding of textile consumer issues is developed by a study of relevant commercial enterprises and the implications for the consumer. Creativity is encouraged by students combining skills in pattern development with advanced techniques in constructing and applying designs to textile articles.

Courses: ED50
Prerequisites: PUB321
Credit points: 12 Contact hours: 5 per week
Semester offered: KG Semester offered: 1

► PUB380 CASEMIX MANAGEMENT
History and development of case mix classification systems; structure of DRGs; case mix application; methods of improvement; utilisation review, costing, planning and management; case mix and funding health care services; casemix classification systems; structure of DRGs; case mix applications for the consumer. Creativity is encouraged by students combining skills in pattern development with advanced techniques in constructing and applying designs to textile articles.

Courses: IF85, PU40
Credit points: 12 Contact hours: 3 per week
Semester offered: KG Semester offered: 2

► PUB400 ENVIRONMENTAL PROTECTION
The causes, effects, control measures, standards and legislation and management strategies relating to pollution and environmental protection; waste management; contaminated land.

Courses: IF87, PU40
Credit points: 12 Contact hours: 4 per week
Semester offered: KG Semester offered: 2

► PUB403 ENVIRONMENTAL HEALTH MANAGEMENT A
Vectors or public health significance, communicable disease control, outbreak management, water and sewerage systems, management of human waste, public safety and contaminated land.

Courses: IF87, PU40
Credit points: 12 Contact hours: 4 per week
Semester offered: KG Semester offered: 2

► PUB404 ENVIRONMENTAL SCIENCE
Sustainability and environmental management A

Nutrition Science examines a range of nutrient and non-nutrient components in our food supply, including the biochemical pathways and physiological effects in the body, possible health implications of deficiencies 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, PU44
Prerequisites: LS8308, PUB301
Credit points: 12 Contact hours: 4 per week
Semester offered: KG Semester offered: 2

► PUB404 INTRODUCTION TO HEALTH PROFESSIONALS
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. 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 Credit points: 12 Contact hours: 4 per week
Semester offered: KG Semester offered: 2

► PUB407 ENVIRONMENTAL POLLUTION
Measurement, control and management of air, noise and water pollution.

Courses: IF87, PU40 - Prerequisites: NR8300
Credit points: 12 Contact hours: 4 per week
Semester offered: KG Semester offered: 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. It is derived from the Greek ergon (work) and nomos (laws) to denote the science of work ergonomics is a system-oriented discipline that now extends across all aspects of human activity. Ergonomics promotes a holistic approach in which consideration of the information, social organisational environmental and other relevant factors are taken into count. Knowledge of current methods and techniques commonly used in ergonomics is essential for the occupational health and safety professional.

Courses: IF85, PU40
Credit points: 12 Contact hours: 4 per week
Semester offered: KG Semester offered: 2

► PUB409 COMMUNICABLE DISEASE: PREVENTION & CONTROL
Public health practice was grounded in the study and prevention of communicable diseases, and whilst public health practice has widened in scope, reducing the incidence of both existing and emerging communicable diseases (nationally and internationally) remains one of the greatest challenges to public health practitioners. This unit will examine the influence environmental factors (eg vectors) has on the spread of communicable diseases and how they can be prevented. Immunisation strategies, vaccine preventable diseases, management of immunisation campaigns and associated health promotion programs will be covered.

Courses: IF87, PU40
Prerequisites: PUB314 Corequisites: PUB415
Credit points: 12 Contact hours: 4 per week
Semester offered: KG Semester offered: 2

► PUB418 HEALTH COMPUTER SYSTEMS
Principles and applications of electronic data processing in health care settings. Computerised health information systems are used to support a variety of viewpoints including the objectives of the system, specific methods employed to meet used needs, structure in an overall information system, the technology which makes it operative, the data base, and the various ways information is transferred and used in health facilities.

Courses: IF47, PUB481 Corequisites: BSB112
Credit points: 12 Contact hours: 3 per week
Semester offered: KG Semester offered: 2

► PUB424 PEDIATRIC MEDICINE 2
This unit provides opportunities for the student to increase proficiency in examining and treating patients suffering from common foot conditions, and to continue to increase their awareness of the role of the podiatry profession in the community. The unit also aims to increase student understanding of foot problems by introducing concepts of clinical reasoning and the loss of balance and extremity. The unit is structured 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, the ability to engage in peer review and skills in accessing information about podiatry and medicine using various forms of information technology.

Courses: PU43
Prerequisites: PUB325, PUB324
Credit points: 12 Contact hours: 16 (includes clinic work)
Semester offered: KG Semester offered: 2

► PUB425 FOOD & NUTRITION
Nutrition is an important factor in ensuring health, and in the prevention and management of many diseases. The type of nutritional care which people need can vary greatly with the setting in which people need this care. The nurse needs to be able to assess the nutritional needs of individuals who require nutritional care.

Courses: NS40 - Prerequisites: PUB382
Credit points: 12 Contact hours: 3 per week
Semester offered: KG Semester offered: 2

► PUB456 CLINICAL CLASSIFICATION 2
Students will learn to access and interpret information recorded in client/patient medical records and develop an understanding of the clinician's response to various disease processes and the information recorded in the medical record. A significant component of the unit will involve coding from hospital medical records. Students will become proficient in the use of clinical classification using ICD-10-AM.

Courses: IF85, PU40
Prerequisites: PUB356
Credit points: 12 Contact hours: 4 per week
Semester offered: KG Semester offered: 1

► PUB474 FOOD STUDIES
The nature and properties of food ingredients and nutrients; their modification and manipulation during food preparation; evaluation of commercial and homemade foods. Interpretation of nutritional information in food labels.

Courses: ED50, HL42, PU40, PU43
Credit points: 12 Contact hours: 6 per week
Semester offered: KG Semester offered: 1

► PUB480 HEALTH ADMINISTRATION & FINANCE
Fund/accrual accounting; financial administration in Commonwealth and state government; financial management in the health industry; financial analysis; planning and budgeting, working capital management in the health industry; health care performance and evaluation.

Courses: IF47, IF85, PU40
Credit points: 12 Contact hours: 3 per week
Semester offered: KG Semester offered: 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 public health care and professional ethics. 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 treatment; health care; duty of care; and confidentiality and record keeping.

Courses: PU40
Credit points: 12 Contact hours: 3 per week
Semester offered: KG Semester offered: 2

► PUB501 APPLIED COUNSELLING FOR HEALTH PROFESSIONALS
In addition to having a sound knowledge of their specific area of specialty, 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 to the process of helping. Students 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
Prerequisites: PUB233 and the successful completion of PUB192
Credit points: 12 Contact hours: 3 per week
Semester offered: KG Semester offered: 2

► PUB506 FOODSERVICE MANAGEMENT
Organisation and planning in the foodservice; the hospital environment; the menu and menu planning; purchasing and storage of food;
nutrition management in foodservice; finance and costing, systems; food distribution systems; human resource management; food hygiene, maintenance and safety; information systems; total quality management.

Campus offered: HL42, PU43
Prerequisites: PUB474
Credit points: 12
Contact hours: 4 per week
Course notes: Semester offered: 1

UPB500 PUBLIC HEALTH NUTRITION 2
The measurement of the nutritional status of a community, nutrition monitoring and surveillance; food policy and nutrition; food security and food fortification; human nutrition and growth; nutrition and health promotion; nutrition and life cycle; nutritional and food safety regulations; International, regional, national and state level nutrition policies; role of food in disease prevention; roles of micronutrients and macronutrients in health; knowledge in professional practice. In particular, this unit will detail legislative and management knowledge in professional practice. In particular, this unit will detail legislative and management tools for the control of public health nuisances and provisions for the enforcement direct in different settings. Specific settings that will be covered include camping grounds, hairdressing premises and skin penetration premises. Prosecution processes and evidence gathering will be discussed. Specific environmental health roles under the Health Act will be considered in detail.

Courses: HL42, PU43
Prerequisites: PUB201, PUB314
Credit points: 12
Contact hours: 4 per week
Campus offered: KG
Semester offered: 1

UPB510 ENVIRONMENTAL HEALTH MANAGEMENT B
The purpose of this unit is to integrate the student’s understanding of environmental health, statistics, microbiology, chemistry, physiology and pathophysiology — to apply their knowledge in professional practice. In particular, this unit will detail legislative and management tools for the control of public health nuisances and provisions for the enforcement direct in different settings. Specific settings that will be covered include camping grounds, hairdressing premises and skin penetration premises. Prosecution processes and evidence gathering will be discussed. Specific environmental health roles under the Health Act will be considered in detail.

Courses: HL42, PU43
Prerequisites: PUB415, PUB403
Credit points: 12
Contact hours: 4 per week
Campus offered: KG
Semester offered: 1

UPB511 HEALTH POLICY, PLANNING AND EVALUATION
This unit aims to prepare students for participation in the health sector decision making as underpinned by health policy, planning and evaluation activities. The unit provides advanced undergraduate students with an opportunity to develop an understanding of health policy, planning and evaluation development and implementation and a capacity for analysis using both theoretical and practical examination of current State and national policies, plans and evaluations.

Courses: HL46, IF47, IF85, NA80, PU38, PU40, BOralHlth
Prerequisites: 144 credit points completed
Credit points: 12
Contact hours: 3 per week
Campus offered: KG
Semester offered: 1

UPB514 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 agreements.

Courses: HL46, IF47, PU40
Credit points: 12
Contact hours: 3 per week
Campus offered: KG
Semester offered: 1

UPB515 ENVIRONMENTAL TOXICOLOGY
Humans have always lived with health threats from a range of natural poisons be they the poisons of snakes and marine jellyfish or the many and varied powerful food borne toxins produced by a range of microbes, plants and animals. The public health significance of these natural toxins has been highlighted by recent outbreaks of food borne illness in Australia and many overseas countries. In addition, there are now thousands of synthetic chemicals that are used on a daily basis in agriculture, manufacturing and indeed the home. While many of these synthetic chemicals have beneficial, some have adverse effects on either the environment or human others, are powerful poisons that can disrupt ecosystems and cause detrimental effects to many forms of life, including mortality. Estimates indicate that more than 2000 people die each year as a result of current or past exposure to toxic chemicals in the workplace. This unit will examine the health effects of both natural and synthetic toxins in terms of general environmental and specific occupational exposure.

Courses: PUB40
Credit points: 12
Contact hours: 3 per week
Campus offered: KG
Semester offered: 1

UPB516 OCCUPATIONAL HEALTH & SAFETY 1
This unit aims to prepare students for participation in the health sector decision making as underpinned by health policy, planning and evaluation activities. The unit provides advanced undergraduate students with an opportunity to develop an understanding of health policy, planning and evaluation development and implementation and a capacity for analysis using both theoretical and practical examination of current State and national policies, plans and evaluations.

Courses: PUB40
Credit points: 12
Contact hours: 3 per week
Campus offered: KG
Semester offered: 1

UPB517 FOOD HYGIENE STUDIES
Food hygiene standards, food borne illnesses, food hygiene standards in processing systems, food education, food borne illness investigation.

Courses: IF87, PU40
Prerequisites: PUB415 (and CNB171 for PU40)
Credit points: 12
Contact hours: 4 per week
Campus offered: KG
Semester offered: 1

UPB522 PODIATRIC MEDICAL ANAESTHESIA
Provides a understanding of the science of anaesthetics as applicable to the practice of podiatry. Students will be taught the pharmacology of local anaesthetics and their clinical usage, and be competent in injection techniques, including local infiltration and local nerve block to the lower limb.

Courses: PUB424, PUB525
Credit points: 12
Contact hours: 3 per week
Campus offered: KG
Semester offered: 1

UPB523 MEDICINE
Following completion of this unit, students should be able to: Course content and clinical features, pathogenesis and significance of common conditions affecting the lower limbs, for example oedema, obesity, motor, sensory and trophic disturbances. Clinical manifestations of conditions affecting the lower limb. Paralysis, ataxia, deformity and ulceration, intermittent claudication, vascular spasm and nerve crush are topics which cause their significance. Medical conditions with manifestations in the feet are given particular attention.

Courses: PUB433, PUB524, PUB525
Credit points: 12
Contact hours: 3 per week
Campus offered: KG
Semester offered: 1

UPB524 PODIATRIC MEDICINE 1
Develops professional understanding of the general and specific effects of medical and surgical conditions on the human foot. Also expands the concept of toxicology in terms of the interdisciplinary approach, including physical, mechanical and surgical techniques. Completion of this unit should enable students to consolidate the podiatrist’s role in the health care team across the spectrum of practice.

Courses: PUB433, PUB424
Credit points: 12
Contact hours: 16 (includes clinic work)
Campus offered: KG
Semester offered: 1

UPB525 PHARMACOLOGY
Designed to ensure students understand basic drug therapies their patients may be using, the effectiveness of drugs 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. Adverse effects, differential chemical or biological actions within categories within one group of systemic drugs and why they are used for a condition is emphasised.

Courses: PUB525
Credit points: 12
Contact hours: 3 per week
Campus offered: KG
Semester offered: 1

UPB541 MEDICAL NUTRITION THERAPY 1
Medical nutrition therapy 1 incorporates the best of a multidisciplinary, ‘whole client’ view of health care. The goals of MNT in preventative health 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: HL46, PU43
Prerequisites: PUB408, PUB458, PUB405
Credit points: 12
Contact hours: 5 per week
Campus offered: KG
Semester offered: 1

UPB533 PROFESSIONAL EXPERIENCE
This unit is designed to extend the student’s knowledge and level of understanding of health information management in health care facilities primarily in the EHR management of patient records. Working in a health care facility provides an opportunity to apply theory to practice, and gives the student a greater understanding of the constraints that 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 and electronic medical records.

Courses: IF85, PU40
Credit points: 16
Units in HIM major including PUB426
Credit points: 12
Contact hours: 6 per week
Campus offered: KG
Semester offered: 2

UPB557 HEALTH NEEDS OF INDIGENOUS AUSTRALIANS AND OTHER POPULATIONS
This unit examines the health needs of a range of populations groups, particularly the health needs of Indigenous Australians and other population groups and their health concerns is important for a number of reasons. Health is viewed in social and economic terms, and health care allows a recognition and focus on particular health concerns that might not be considered significant in cross section examination of broad patterns of health. Third, it forces a consideration of how strategies to improve health, including important questions of access and equity, might be targeted to sections of the population who have high patterns of mortality and morbidity. The unit provides public health students with an overall picture of patterns of health of Indigenous Australians and other specific populations in Australia. Introduces models of public health and health promotion as means of reducing actual differences in health status.

Courses: BOralHlth
Prerequisites: PUB251
Credit points: 12
Contact hours: 3 per week
Campus offered: KG
Semester offered: 1

UPB585 ADVANCED OCCUPATIONAL HYGIENE
Extends the knowledge gained in Introduction to Occupational Hygiene and introduces the application of the principles to which the student has already been introduced. The unit extends students’ ability to recognise, evaluate, and suggest the most efficient method for chemical, physical and biological hazards in the working environment. The unit will examine the elements of a successful monitoring program in the workplace.

Courses: PUB40
UNIT SYNOPSIS

Prerequisites: PUB414, PUB485
Credit points: 12 Contact hours: 4 per week
Campus offered: KG Semester offered: 2
► PUB599 HEALTH INFORMATION MANAGEMENT 3
Health information systems outside acute care hospitals; the health systems, ambulatory health record systems, and those used in health care facilities other than acute care hospitals; health promotion and notification of disease problems, clinical classification systems other than ICD-10-AM and nomenclatures, which may be used in specialised health settings; concepts of quality assurance in health (for example accreditation, criteria audits, and so on).
Courses: IF85, PU40
Prerequisites: PUB298 and successful completion of practical component
Credit points: 12 Contact hours: 4 per week
Campus offered: KG Semester offered: 2
► PUB604 POLICY & MANAGEMENT PRINCIPLES FOR ENVIRONMENTAL HEALTH
Local government environmental health management (local laws and planning processes); Local Government Act; Queensland Health - public health; health services; health promotion; indigenous environmental health issues, disaster management.
Courses: IF85
Prerequisites: PUB510 Corequisites: PUB630
Credit points: 12 Contact hours: 4 per week
Campus offered: KG Semester offered: 2
► PUB660 DIETETIC MANAGEMENT
Historical perspective 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, caseload funding, participation in a particular programs; team building; managing role conflict.
Courses: HIL1, PUB506, PUB722
Prerequisites: PUB506, PUB722
Credit points: 12 Contact hours: 4 per week
Campus offered: KG Semester offered: 2
► PUB667 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 socio-economic variables, and provides a range 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, BDRalHth
Prerequisites: PUB203 can be taken as a pre-requisite or corequisite
Credit points: 12 Contact hours: 2 per week
Campus offered: KG Semester offered: 2
► PUB669 HEALTH RESOURCE ALLOCATION
This unit aims to prepare students for participation in health sector decision making as underpinned by health economics evaluation activities. The unit provides students with a grounding in the methodologies of health economic evaluation.
Courses: IF47, PUB38, PUB40
Prerequisites: PUB433
Credit points: 12 Contact hours: 4 per week
Campus offered: KG Semester offered: 2
► PUB671 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 accidents and propose strategies to prevent similar incidents in the future. This hazard identification techniques such as HAZOP, Fault Tree Analysis and FMEA will be discussed. The subject will provide students with the ability to possess occupational health and safety within an organisations strategic decision-making process. Assessment will involve a half-day pretest held on the weekend. Some lectures may be presented in a one-day seminar.
Courses: IF87, KG16 (clinical work)
Campus offered: KG Semester offered: 2
► PUB665 OCCUPATIONAL HEALTH & SAFETY 1
This unit examines the role and function of the occupational health and safety regulator of workplace health and safety. It will investigate management policies, regulations, and control strategies associated with these. It is intended that the unit should act as a culminating experience for students who have undertaken the Bachelor of Health Science in Occupational Health and Safety.
Courses: PU40
Prerequisites: PUB516
Credit points: 12 Contact hours: 2 per week
Campus offered: KG Semester offered: 2
► PUB691 HACCP 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
Credit points: 12 Contact hours: 3 per week
Campus offered: KG Semester offered: 2
► PUB663 DERMATOLOGY
This unit assists students to develop an appreciation of the many varieties of skin lesions and their particular relevance when found in the lower limbs. Lectures deal with classification of skin disease, vasculitis, ulcers, peripheral vascular disease, tumour, eczema, dermatitis, allergy, immunity, infections, psoriasis, squamous eruptions, nails and circulatory conditions of internal disease, pharmacology and general therapeutics. Clinical sessions give students the opportunity to see and diagnose these conditions.
Courses: PU43
Prerequisites: PUB523, PUB524
Corequisites: PUB626
Credit points: 12 Contact hours: 3 per week
Campus offered: KG Semester offered: 2
► PUB664 PODIATRIC MEDICINE
Extends the student by way of a greater role in independent care in Podiatric medicine and clinical case presentations. Complex case histories and treatment interventions are pursued. The theory and treatment of podiatric medicine disorders is studied. Introduction to specialist clinician in the podiatry faculty and treatment of higher order cases. Students implement a 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: HLA2, PU43
Prerequisites: PUB54 Corequisites: PUB635
Credit points: 12 Contact hours: 6 per week
Campus offered: KG Semester offered: 2
► PUB628 ADVANCED FOOD STUDIES
This unit provides students with an opportunity to further develop their practical skills in food preparation and delivery of nutrient-altered foods suitable for a wide range of therapeutic diets. Students evaluate the outcome of incorporating modified foods and procedures into dietary regimens. Food standards and nutrient altered foods products.
Courses: HL42, PU43
Prerequisites: PUB474, PUB541
Corequisites: PUB461
Credit points: 12 Contact hours: 4 per week
Campus offered: KG Semester offered: 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.
Courses: IF87, PU40
Prerequisites: PUB403, PUB510, PUB517
Corequisites: PUB298
Credit points: 12 Contact hours: 0
Campus offered: KG Semester offered: 2
► PUB632 INDEPENDENT STUDY
Independent Study allows students to study a topic 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 literature review or a project in a particular setting. The process and outcomes are negotiated in a contract with a supervisor.
Prerequisites: Completion of 192 credit points
Credit points: 12 Contact hours: 0
Campus offered: KG Semester offered: 2
► 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: PUB523, PUB524
Prerequisites: PUB522, PUB523
Corequisites: PUB626
Credit points: 12 Contact hours: 3 per week (including surgical work)
Campus offered: KG Semester offered: 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 render the student the ability to utilise radiography as an important diagnostic tool in treating foot pathology.
Courses: PU43
Prerequisites: PUB523
Credit points: 12 Contact hours: 4 per week
Campus offered: KG Semester offered: 2
► PUB641 MEDICAL NUTRITION THERAPY 2
Medical nutrition therapy 2 builds on the extensive knowledge base of the theory and application of dietary treatment to disease and the principles of nutritional assessment development in Medical Nutrition Therapy 1.
Courses: PUB523
Prerequisites: PUB541 Corequisites: PUB628
Credit points: 12 Contact hours: 5 per week
Campus offered: KG Semester offered: 2
UNIT SYNOPSIS

**PU659 MANAGEMENT OF HEALTH SERVICES**
This unit explores a problem solving approach to decision-making and strategic management in health services management. Actual industry projects will be used to allow students to apply theoretical knowledge to current problems. Management techniques and health management issues will need to be explored.

**Credit points:** 12
**Corequisites:** PUB611, PUB623 or PUB627

**PU722 PRACTICE IN CLINICAL DIETETICS**
Students are required to develop skills in the management of nutrition 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, i.e., assessment, planning, implementation and evaluation of nutritional care, for clients who have a variety of disease states. Students also need to have the opportunity to demonstrate basic teaching and evaluation in relation to clinical outcome.

**Credit points:** 12
**Corequisites:** PUB875

**PU726 ORTHOPAEDICS**
Emphasis on orthopaedic surgery; develops a detailed knowledge of general and specific orthopaedic conditions which have an effect on the lower limbs and the surgical treatment of systemic conditions as seen by the podiatrist, that is, assessment, planning and management. Students will need to have a broad understanding of specific podiatric conditions and management of patients with orthopaedic conditions with emphasis on the surgical techniques used in their treatment.

**Credit points:** 12
**Corequisites:** PCB313 or PUB637, PUB624, PUB635

**PU829 PROFESSIONAL INTERNSHIP 1**
Students will undertake a placement through relevant podiatry departments to gain important experience in the management of complex problems that manifest in the lower extremity. Students will observe and develop their theoretical and practical skills in podiatry in the environment of private practice, hospitals and community health. This experience will also consolidate student acquisition of the multi-disciplinary nature of the podiatry profession and educate the student on the various roles of other health care providers. It will also allow students to develop and implement effective health care. Experience gained from the internship will be applied by the student in the specialist clinical environment during the fourth year of the program.

**Credit points:** 12
**Corequisites:** PUB624

**PU829 PROFESSIONAL INTERNSHIP 2**
Students undertake a rotating roster through relevant podiatry departments to gain important experience in the management of complex problems that manifest in the lower extremity. Students will observe and develop critical problem solving skills in the broader environment of podiatry 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 fourth year of the program. Student will be designated for a three-week period.

**Credit points:** 12
**Corequisites:** PUB729

**PU829 PROJECT & PROFESSIONAL MANAGEMENT**
This unit is undertaken by students in the public health and nutrition and dietetics strands of the Bachelor of Health Science. It provides students with the opportunity of working in one or a number of placements in a professional capacity in an area of interest to the student. It provides an opportunity for students to apply the knowledge and skills acquired through their course to a practical health or workplace situation.

**Credit points:** 12
**Corequisites:** PUB729

**PU829 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 that will be explored further in the units PUB608, PUB609 and EFN418. The structure of the organisation, its risk profile and the potential loss exposures are examined in some detail.

**Credit points:** 12
**Corequisites:** PUB729, PUB828

**PU829 RISK MANAGEMENT; IDENTIFICATION & ASSESSMENT PROCEDURES**
Provides the skills necessary to identify and assess risks, quantitative and qualitative 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.

**Credit points:** 12
**Corequisites:** PUB829

**PU829 RISK TREATMENT**
Critical and systematic methods of making decisions on appropriate risk treatment options are investigated. Options considered include risk acceptance, risk avoidance, risk reduction, risk transfer and risk retention.

**Credit points:** 12
**Corequisites:** PUB829, PUB850, PUB852, PUB856, PUB858
UNIT SYNOPSIS

Prerequisites: PUN008  Credit points: 12  
Campus offered: KG  Semester offered: 1
► PUN105 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. Students will be assessed on their ability to conduct literature searches that considers complex biological, environmental and societal inter-relationships. Recent developments in epidemiology have contributed novel research designs and statistical methods to complement these studies. Throughout this unit, students will be exposed to these more sophisticated techniques and 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.

Credit points: 12  Contact hours: 3 per week
Campus offered: KG  Semester offered: 2
► PUN601 CURRENT HEALTH POLICIES
Health systems and their structure and functioning are outcomes of health policy. Critical to the success of public health initiatives is influencing policy. This unit critically evaluates the policy making process in health in both Australia and overseas countries. Topics include policy development, policy analysis, political influences on policy, health policy at national and international levels, the role of stakeholders such as pressure groups and lobbyists, and the influence of the medical profession on health policy.
Courses: HL68, HL88, PU60, PU85
Credit points: 12  Contact hours: 3 per week
Campus offered: KG  Semester offered: 2
► PUN602 HEALTH PLANNING

MANAGEMENT & EVALUATION
This unit aims to develop the capacity of students to critically analyse the health system's decision-making process in terms of health planning, management, and evaluation. The unit introduces in the description of health care delivery systems. Through-out the unit the role of the manager is recognised as integral and provides a unifying theme.
Courses: HL88, PU60, PU85
Prerequisites: PUN610
Credit points: 12  Contact hours: 3 per week
Campus offered: KG  Semester offered: 1
► PUN608 HEALTH ECONOMICS
This unit is designed to introduce students without any previous economics background to some microeconomic analysis, application to health and current 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: PU60, PU85
Prerequisites: PUN692
Credit points: 12  Contact hours: 3 per week
Incompatible with: PUB433
Campus offered: KG  Semester offered: 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, with a focus on 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 systems.
Courses: HL68, HL88, PU60, PU85
Prerequisites: PUN692
Credit points: 12
Campus offered: KG  Semester offered: 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, cases, and discussions illustrate and re-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 work setting, the unit critically evaluates change on individual and group performance in the workplace, the content draws on perspectives from work, organisational, management, corporate strategy, psychology, and sociology. 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, PU60, PU85
Prerequisites: PUN609
Credit points: 12  Contact hours: 3 per week
Campus offered: KG  Semester offered: 2
► PUN614 HEALTH PROMOTING
LIVESTYLE
This subject is designed to extend students' understanding of health promotion in a school setting. Students will be introduced to the design, implementation and evaluation of a school-based health promotion intervention. The unit is designed to reinforce the links between education and health, in relation to the planning, implementation and evaluation of a school-based health promotion initiative. The unit examines 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, PU60, PU85
Credit points: 12  Contact hours: 3 per week
Campus offered: KG  Semester offered: 2
► PUN615 ADVANCED HEALTH
SERVICE MANAGEMENT
This unit builds on prior studies in health service management. Theoretical frameworks previously studied are applied to specific contexts to extend the learning outcomes. Topics, which are discussed at an advanced level, include best practice in service delivery, leadership, quality and benchmarking applied in various settings of health service at the state, national and International levels.
Courses: HL68, HL88, PU60, PU85
Credit points: 12  Contact hours: 3 per week
Campus offered: KG  Semester offered: 2
► PUN617 ENVIRONMENTAL HEALTH
MANAGEMENT
This unit considers environmental health management as an important component in resolving health threatening hazards in the community. Topics include: introduction and development of environmental health research grants as a managerial tool; the role of environmental health risk management in decision making; the history of environmental and community health and the approaches to prevention; the professional role of environmental health practitioners throughout the world, and contemporary environmental health policy formulation and review.
Courses: HL38, HL68, HL88, PU60, PU85
Credit points: 12  Contact hours: 3 per week
Campus offered: KG  Semester offered: 2
► PUN619 ENVIRONMENT & HEALTH
This is a compulsory core Unit in the specialist stream. Students studying the environmental health need to understand the basis of environmental problems and the competencies for land and water quality and impacts of the environment and human health. The unit primarily focuses on land, air and water management as major components of the environment and as a finite resource to be properly managed to ensure the continued health and well being of individuals and communities. It examines the land, air and water use policies and strategies, adverse impacts,
management of these impacts and includes application of ISO 14000 series relating to ‘best practice’ environmental management.

Courses:
- HL38, HL68, HL88, PU60, PU85
- Contact hours: 3 per week
- Semester offered: KG

Campus offered: KG

**PUN620 CONCEPTS OF ENVIRONMENTAL HEALTH**

This unit introduces the specialist area of environmental health. Environmental Health professionals need to understand the inextricable link between human health and environmental pollution. They may also understand the types of strategies available to control and minimise the risks associated with environmental health problems. The teaching will be based on 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:
- HL68, HL88, PU60, PU85
- Credit points: 12
- Contact hours: 3 per week
- Semester offered: KG

Campus offered: KG

**PUN692 HEALTH CARE DELIVERY**

This unit adopts the broad objectives of effectiveness, efficiency and equity with which to analyse health care delivery systems. The unit covers a series of modules that 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. Module 2 introduces the Australian health care system in comparison with those operating in both developed and developing countries. Module 2 introduces economic concepts and tools of analysis that provide a basis for assessing efficiency aspects of health care delivery. Lastly module 3 analyses the management aspects of health care delivery within the context of change.

Courses:
- HL68, HL88, PU60, PU85
- Credit points: 12
- Contact hours: 3 per week
- Semester offered: KG

Campus offered: KG

**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 the scientific assessment of the health and medical literature.

Courses:
- PU60, PU85
- Credit points: 12
- Contact hours: 3 per week
- Semester offered: KG

Campus offered: KG

**PUP302 INTERVENTION DESIGN & THEORIES OF CHANGE**

Examines theories of change as they impact on health education and health promotion and the development and implementation of interventions. It addresses the strengths and weaknesses of these theory into practice and explores the nature of individual, group and organisational change strategies in public health and health promotion.

Courses:
- HL68, HL88, PU60, PU85
- Credit points: 12
- Contact hours: 3 per week
- Semester offered: KG

Campus offered: KG

**PUP304 ADVANCED STUDIES & PRACTICE IN HEALTH PROMOTION**

This advanced unit identifies and utilises the repertoire of practice skills that health promotion students need to address health problems. It integrates needs assessment, planning, strategic needs analysis 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 ethical dilemmas, written resources and their use, and time management. External students will conduct a needs assessment and use the data to write a health promotion program proposal. These tasks will provide the nexus between theory and practice that is critical for people working in the health promotion arena.

Courses:
- HL38, HL68, HL88, PU60, PU85
- Prerequisites: PUP305 or PUP306 can be taken as a prerequisite or corequisite
- Credit points: 12
- Contact hours: 3 per week
- Semester offered: KG

Campus offered: KG

**PUP305 HEALTH PROMOTION STRATEGIES & EVALUATION**

Health promotion practitioners are likely to be engaged in the development, implementation and evaluation of health promotion programs to meet the needs of people in the community. This unit will cover issues related to health promotion planning, implementation and evaluation. This will include needs assessment, program planning and planning models, development goals and objectives, selection of health promotion strategies, program implementation, and program evaluation. Health promotion strategies that are appropriate for particular target groups, individuals, communities and specific population groups will be discussed. There will also be a focus on the development of methods for useful and effective evaluation. This unit will provide the experience of a practical application of program planning and evaluation knowledge in the unit PUP304.

Courses:
- HL38, HL68, HL88, PU60, PU85
- Credit points: 12
- Contact hours: 3 per week
- Semester offered: KG

Campus offered: KG

**PUP306 CONCEPTS & SETTINGS FOR HEALTH PROMOTION**

Students will be introduced to the concepts and recent developments internationally and nationally that have shaped contemporary health promotion. This unit will examine a settings approach to health promotion including a critical analysis of the nature and scope of health promotion in a number of settings such as school, community, rural, health services and workplaces.

Courses:
- HL38, HL68, HL88, PU60, PU85
- Credit points: 12
- Contact hours: 3 per week
- Semester offered: KG

Campus offered: KG

**PUP116 ERGONOMICS**

The relationship between the worker, the work environment and the workplace is a vital area in health promotion. Occupational ill-health and injury arise from a lack of fit between the capabilities of workers and the design of the working environment, the work processes and the physical and mental demands of the task. Insight into ergonomics can assist practitioners to enhance design safety and comfort, improve work efficiency and performance, and optimise work performance. Topics include: basic anatomy and physiology of body systems; occupational hazards and their control.

Courses:
- HL68, HL88, PU60, PU65, PU85
- Prerequisites: PUN301
- Credit points: 12
- Contact hours: 3 per week
- Semester offered: KG

Campus offered: KG

**PUP250 OCCUPATIONAL HEALTH**

Lectures, practical work and industrial visits to construct a comprehensive understanding of the complex responsibilities and evaluate and control the physical, biological and chemical environmental factors which can adversely affect the health, safety, comfort and efficiency of workers.

Courses:
- HL68, HL88, PU60, PU65, PU85
- Prerequisites: PUP415
- Credit points: 12
- Contact hours: 3 per week
- Semester offered: KG

Campus offered: KG

**PUP415 OCCUPATIONAL HEALTH**

Exploration of chemical hazards in the working environment, epidemiological principles and management of environmental health problems. 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 injuries and their diagnosis; physiological and functional principles of occupational health practices and principles; special risk groups; epidemiological principles and epidemiological work practice.

Courses:
- PU60, PU65, PU85
- Prerequisites: PUN301 can be taken as a prerequisite or corequisite
- Credit points: 12
- Contact hours: 3 per week
- Semester offered: KG

Campus offered: KG

**PUR200 EMERGING ISSUES IN PUBLIC HEALTH**

This unit is designed to allow students to consider the complex and fascinating issues that are currently shaping public health in Australia and around the world. It will cover a range of contemporary and emerging issues and debates that are relevant to the field of public health and health promotion.

Courses:
- HL90
- Prerequisites: 72 credit points of advanced studies
- Credit points: 12
- Contact hours: 2 per week
- Semester offered: KG

Campus offered: KG

**PUR201 ADVANCED PROFESSIONAL STUDIES**

This unit is suitable for health science practitioners who wish to extend their studies to advanced postgraduate level, in an area of interest particular to the individual student. There is 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 senior 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 advanced studies in another discipline
- Credit points: 12
- Contact hours: 3 per week
- Semester offered: KG

Campus offered: KG

**PYB000 APPLIED SKILLS AND SCHOLARSHIP (PUB80)**

This is a compulsory first year unit. It focuses on the development of a number of generic competencies that 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.

Prerequisites: Nil

Credit points: 12

Contact hours: 3 per week averaged over the semester

Campus offered: CA

Semester offered: 1, 2

**PYB007 INTERPERSONAL PROCESSES & SKILLS**

Psychology is generally a people-based profession and many positions involving not only understanding and testing people but communicating with them. More broadly however, the presence of areas of modem work and industry, within personal relationships, people need developed interpersonal skills and the ability to communicate effectively. This unit covers basic communication skills, cross skills for communication are also the foundation for helping relationships and counselling.

Prerequisites: Nil

Credit points: 12

Contact hours: 3 per week

Incompatible with: PYB052 and PYB086
Campus offered: GP, CA
Semester offered: 1, 2

► PYB015 PSYCHOLOGY

The body of knowledge that defines Psychology as a discipline is basic to an understanding of human behaviour and interaction. Psychological theory and methods provide ways of evaluating personal and professional practice. Informed practice can then seek to understand individuals, groups and communities. All professional people need to have frameworks for understanding their own behaviour and that of others. This subject provides students with essential knowledge as a basis for their personal and professional effectiveness. It is the foundation for understanding the study of psychology and its many applications.

Courses:

- All courses

Prerequisites: Nil

Credit points: 12 Contacts: 3 per week

Incompatible with: PYB071, PYB073

Campus offered: CA, GP, KG

Semester offered: 1, 2, 3

► PYB050 QUALITATIVE RESEARCH METHODS

This unit focuses on the processes and logics involved in qualitative research, paying particular attention to the design and construction of the research. The unit looks at these processes with respect to the ethnographic tradition, the contribution and logic of interpretivist and ethnography and the design of the qualitative case study. Students will acquire both conceptual and ‘hands on’ skills in the application of a number of qualitative research techniques. These include: the use of methodology, observational methods, accessing documents through Internet search techniques and some approaches to analysing them, the analysis of spoken interaction through conversation analysis, and techniques for conducting and analysing in-depth interviews.

Courses:

- PY07, S560, HU20, HU22, IF30, IF63, IF43, IF70, IF81, IF82, IF86, ED50

Credit points: 12 Contacts: 3 per week

Campus offered: CA

Semester offered: 2

► PYB054 PSYCHOLOGY & 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: PYB07

Prerequisites: PYB012 or PYB011

Credit points: 12 Contacts: 3 per week

Incompatible with: PYB101, PYB102

Campus offered: CA

Semester offered: 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, this unit highlights the application of this basic knowledge to Real World problems in the domain of human-computer interaction.

Courses:

- All

Credit points: 12 Contacts: 3 per week

Incompatible with: PYB303

Campus offered: CA, GP

Semester offered: 1, 2

► PYB067 HUMAN SEXUALITY

This unit explores historical approaches to studying, explaining and regulating human sexuality with particular attention to definitions of ‘normal’ or ‘acceptable’ sexual behaviours. Students will critically examine definitions of ‘normal’ and ‘acceptable’ within and across cultures and social groups. The unit will also consider the role of psychology in understanding and regulating human sexuality. This unit will consider the social, cultural and historical contexts in which sexuality occurs and the myriad ways that sexuality is conceptualised and other than their own. We will also consider important issues of sexuality across the lifespan and encourage students to achieve an awareness of differences based on ethnicity, gender, class and sexual orientation/preference.

Courses:

- All but particularly ED50, S560, HU22, PY07

Credit points: 12 Contacts: 3 per week

Campus offered: CA

Semester offered: 2

► PYB073 INTRODUCTION TO BEHAVIOURAL SCIENCES AND HEALTH CARE

An understanding of the behavioural sciences underpins much of the interaction of health professionals. Psychological and social factors that moderate human responses to health, disease, trauma and illness; 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.

Courses:

- Nursing

Credit points: 12 Contacts: 3 per week

Campus offered: KG

Semester offered: 1

► PYB086 INTERPERSONAL & 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 unit focuses on personal 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 develop and implement 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 dealing with biological, social and psychological aspects of sexual elements in relationships.

Credit points: 12 Contacts: 3 per week

Incompatible with: PYB007

Campus offered: KG

Semester offered: 2

► PYB101 INTRODUCTION TO PSYCHOLOGY I A

Psychology is a broad-ranging and multifaceted discipline that encompasses the scientific study of human behaviour, and the systematic application of knowledge to the solution of practical problems. Psychology is an area of study that involves the study of the mind and the processes of thought, sensation, and perception. It is a science that has grown rapidly in recent years due to the development of new research methods and technologies.

Courses:

- PY07

Credit points: 12 Contacts: 3 per week

Incompatible with: PYB012, PYB073

Campus offered: CA

Semester offered: 1

► PYB102 INTRODUCTION TO PSYCHOLOGY I B

Introduction to Psychology I B extends the introduction provided in Introduction to Psychology I A to psychology as the scientific study of human behaviour. This unit introduces students to the basic psychological processes underlying perception, memory, learning, problem solving, thinking processes, and language. In addition, research participation experience is provided to the students.

Courses:

- PY07

Credit points: 12 Contacts: 3 per week

Incompatible with: PYB012, PYB073

Campus offered: CA

Semester offered: 2

► PYB110 PSYCHOLOGICAL RESEARCH METHODS

An overview of the purposes and strategies of research; elementary research design; operation-alising variables; descriptive statistics; distributions; measures of central tendency and spread; standard score and percentiles. Understanding relationships between variables through correlation and regression. An introduction to hypothesis-testing procedures using t-tests.

Courses:

- PY07

Credit points: 12 Contacts: 3 per week

Incompatible with: MAB237, MAB247

Campus offered: 2

► PYB158 INTRODUCTION TO SUBSTANCE ABUSE IN AUSTRALIA

This course introduces students to alcohol and drug use in the Australian community. Initially this course will introduce students to terminology and definitions commonly associated with the alcohol and other drug fields. This will be followed by an overview of models of drug use. This unit will compare and contrast current trends and patterns of substance use in Australia and critically consider the legitimacy of this focus. Australian substance use/abuse patterns will be positioned within a global context.

Courses:

- All

Credit points: 12 Contacts: 3 per week

Campus offered: CA

Semester offered: 2

► PYB159 ALCOHOL & OTHER DRUG ADDICTION

This unit aims to give students an understanding of the extent of substance abuse in our community, what it means, when, where and why this occurs and what it means that they have been advanced for understanding substance abuse; the intervention and treatment models utilised within the field; and the effects of substance abuse, both physically, socially and psychologically.

Courses:

- All

Prerequisites: PYB012 or PYB010 or PYB102

Credit points: 12 Contacts: 3 per week

Campus offered: CA

Semester offered: 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. The unit also considers the interdependency of all aspects of development and on the importance of the physical, family, societal and cultural and historical contexts in which development occurs. The unit aims to provide students’ 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:

- PY07

Prerequisites: PYB101 or PYB102

Credit points: 12 Contacts: 3 per week

Campus offered: CA

Semester offered: 2

► PYB205 SOCIAL PSYCHOLOGY

People are social beings. 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:

- PY07

Prerequisites: PYB012 or PYB010 or PYB102

Credit points: 12 Contacts: 3 per week

Campus offered: CA

Semester offered: 2

► PYB206 PERSONALITY

An overview of some of the major theories of personality to provide you with an understanding of contemporary approaches to normal personality function. Conceptual ap-
proaches to personality theory, and major per-
sonality theorists, such as Freud, Jung, Horney,
Adler, Kandinsky, Erskine, Hazlitt, Maslow, May,
Bandura, Rotter, Mischel, Skinner,
and Kelly will be covered. Emphasis will be
given to the methods of studying and conducting
research in personality. By studying normal per-
sonality processes, this unit provides a founda-
tion for advanced studies in psychopathology.
Courses: PY07
Prerequisites: PYB101, PYB102 or PYB102
Credit points: 12 Contact hours: 3 per week
Campus offered: CA Semester offered: 2
► PYB208 CONSCIOUSNESS & PRACTICE 1
This unit develops knowledge of the consciousness
processes 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 emphasizes
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 requir-
ing psychotherapeutic intervention, and other
modes of delivery such as couple, family or
group work.
Courses: PY07
Prerequisites: PYB007 or PYB052
Credit points: 12 Contact hours: 3 per week
Campus offered: CA Semester offered: 1, 2
► PYB210 RESEARCH & DESIGN & CAAAN 1
This unit takes a 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 re-
porting the outcomes in the correct way. The aim
of the unit is to provide students with the knowl-
edge and skills required to do these tasks with
respect to two types of prediction; differences
between means and relationship between sets of
scores.
Courses: PY07
Prerequisites: PYB110
Credit points: 12 Contact hours: 3 per week
Campus offered: CA Semester offered: 1
► PYB250 ENVIRONMENTAL PSYCHOLOGY
How to apply theoretical concepts as tools in en-
vironmental research and design analyses of
environmental settings using theoretical concepts.
The following topics will be considered: the
role of social and cultural variables in human-
environment interactions; theory of place; be-
aviour settings; privacy, personal space, territo-
riality; environmental meaning and cognition;
risk perception; environmental stress; environ-
mental evaluations and appraisals. Specific envi-
nronments such as the home, communities and
cities, natural and therapeutic environments are
also examined.
Courses: PY07
Prerequisites: PYB102, PYB205
Credit points: 12 Contact hours: 3 per week
Incompatible with: ARB291, PSB052
Campus offered: CA Semester offered: 2
► PYB285 INDUSTRIAL & ORGANISATIONAL PSYCHOLOGY
Provides an opportunity for experiential group
learning, either intensively or in regular program
times. It examines types of groups and varieties of
group development; leader and member behaviours; planning, implementing and eval-
uating group methods; establishing groups and
planning group approaches; the group as a ther-
apy community; evaluating group work; ethical
issues.
Courses: PY07
Prerequisites: PYB007, PYB052 or equivalent
Credit points: 12 Contact hours: 1 week intensive between se-
meisters
Campus offered: CA
► PYB258 INTRODUCTION TO THEORY & RESEARCH IN HYPOPSYS
This unit serves as an introduction to experimen-
tal hypnosis and offers a foundation for those who may wish to
pursue postgraduate study in Clinical and Ex-
perimental Hypnosis. It covers socio-cognitive
theories of hypnosis and interactive
phenomenological models and perspectives. The unit investigates research on: dissociation,
hypnotisability, regression, responsiveness, con-
sciousness, altered states, hypnotic dreams, and
hallucinations, ideomotor signals, post-hypnotic
amnesia and assessment of hypnotisability.
Courses: PY07
Prerequisites: 1 year of undergraduate study
Credit points: 12 Contact hours: 3 per week
Campus offered: CA Semester offered: 1
► PYB260 PSYCHOPHARMACOLOGY OF ADDICTIVE BEHAVIOUR
This unit will develop students’ understanding of
behavioural pharmacology, with particular em-
phasis on the pharmacology of addictive
behaviours. To establish a framework for learn-
ing, classes will initially include a review of
neuropharmacology, introduction to pharmakinetics, and
discussion of research methods used to investi-
gate psychopharmacological effects of drugs on
behaviour. Students will address the history and origin of the more commonly used additive
substances, routes of administration, patterns of distribution and excretion, neuro-
pharmacological effects and the role of culture and administration. Substances covered will include those that are most widely associated with prob-
lems of dependence and addiction, such as alco-
hol and nicotine, as well as substances used in
the treatment of addictive behaviours (e.g. pro-
mote knowledge, codeine, methadone etc) and in
the treatment of mental illness.
Courses: PY07
Prerequisites: PYB156 or PYB159
Credit points: 12 Contact hours: 3 per week
Campus offered: CA Semester offered: 1
► PYB302 INDUSTRIAL & ORGANISATIONAL PSYCHOLOGY
Participation in the workplace is an integral
component in the lives of most people. It is im-
portant therefore to understand the behaviour of
people, individually and collectively, within the
workplace. Industrial and Organisational Psych-
ologists are concerned with advancing the
knowledge of the relationship between people
and work, and using this knowledge to promote
the effective organisation of human re-
sources.
Courses: PY07
Prerequisites: PYB205, PYB110
Credit points: 12 Contact hours: 3 per week
Campus offered: CA Semester offered: 1
► PYB303 COGNITIVE PSYCHOLOGY
Explores both the cognitive mechanisms in-
volved in processing information and behav-
ioral models of learning. The information processing component covers topics including:
• sensory storage, attention, pattern recogni-
tion, working memory, long-term memory, and
• applied psychology. The learning component deals with the phenomenology of behavioural learning
paradigms including classical and operant condi-
tioning. In both cases the unit emphasizes the
role of developing scientific understandings in
terpretation of experimental findings.
Courses: PY07
Prerequisites: PYB36 credit points of second or
third year Psychology units
Credit points: 12 Contact hours: 3 per week
Campus offered: CA Semester offered: 2
► PYB342 INDEPENDENT STUDY
This unit can only be undertaken with prior ap-
proval 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 understanding of selection systems is expanded
and issues involved in the assessment
of normal and clinical populations. Various lec-
tures will address ethical, psychometric, proce-
dural and interpretative issues in the assessment
of children, adolescents and adults. Although
the major emphasis is on assessment theory, lectures
also promote knowledge of the mainstream tests are available to qualified psychologists.
Courses: PY07
Prerequisites: 36 credit points of second or
third year Psychology units
Credit points: 12 Contact hours: 3 per week
Campus offered: CA Semester offered: 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 intro-
duction to multiple regression: data analysis
tools used in a broad range of research designs in
the social sciences. The unit extends the intro-
duction to analysis of variance and regression
provided in PYB210, considering more complex
designs involving two or more independent vari-
ables. The course is both theoretical (including
the use of conceptual formulae to analyse
simple and multiple designs (by hand) and inuit-
ates the SPSS statistical package), with the
aim of giving students a firm understanding of
the principles underlying each analysis. The role
of statistical analyses in a broader context of
designing and interpreting valid research is em-
phasised.
Courses: PY07
Prerequisites: PYB210
Credit points: 12 Contact hours: 3 per week
Campus offered: CA Semester offered: 2
► PYB353 OCCUPATIONAL AND EDUCATIONAL PSYCHOLOGY
Psychological research underpins the focus of this
unit. In the first 8 weeks, students’ under-
standing of selection systems is expanded and
Topics covered include: the nature of selection, job selection, job analysis, final decisions and utility
UNIT SYNONYM
Courses:

PYB365 COUNSELLING THEORY & PRACTICE

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, students must develop an understanding of the social and interactive processes that occur. Consideration of Verbal, non-verbal, gender, race, and social dimensions enables counsellors to develop effective, functional and client-focused relationships and to control biases, needs and possibilities. The unit is highly experiential in delivery, and builds on the approaches to counselling covered in the prerequisite unit.

Courses: PY07
Prerequisites: PYB208 or equivalent
Credit points: 12
Contact hours: 3 per week
Campus offered: CA
Semester offered: 1

PYB308 ADVANCED DEVELOPMENTAL PSYCHOLOGY

In this unit the focus is on child development, with an emphasis on the infant and child up to adolescent ages. It will review recent developments in the cognitive abilities 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 the development of language, including also the acquisition of language and social cognition and person-organisational fit are outlined. The focus then moves to tools available for career guidance. Again there is a focus on the intersection of theory and practice. For both parts of the unit, learning will be facilitated by practical activities.

Courses: PY07
Prerequisites: PYB358 or equivalent
Credit points: 12
Contact hours: 3 per week
Campus offered: CA
Semester offered: 2

PYB360 INTERVENTIONS FOR ADDICTIVE BEHAVIOURS

Addictive behaviour, in the form of alcohol-dependence, substance abuse and gambling, are recognised as major problems nationally and internationally. This unit will focus predominantly on psychological aspects of addictive behaviours. To establish a framework for learning, classes will initially deal with additive theories and then move on to psychosocial models of addiction and methods of studying addictive behaviours. Issues pertaining to the symptomaticatology, etiology and assessment of addictive disorders will be discussed. The theoretical underpinnings of a range of therapeutic interventions will also be discussed. This unit encourages critical thinking and analysis of enhancing students' understanding of the complex issues relating to management of addictive behaviours.

Courses: PY07
Prerequisites: PYB260, PYB270 or equivalent
Credit points: 12
Contact hours: 3 per week
Campus offered: CA
Semester offered: 2

PYB371 INTRODUCTION TO ROAD SAFETY

This unit will introduce the key principles and practices in road traffic safety and recognises that the broad context of road use/transport in society and the economic and social implications of road traffic will influence the basic science of information retrieval, road crash analysis and interpretation, and the strategic development of road safety countermeasures.

Courses: PY07
Prerequisites: One year of undergraduate study
Credit points: 12
Contact hours: 3 per week
Campus offered: CA
Semester offered: 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. A range of theoretical models will be examined which have been used to explain the behaviour of road users.

Courses: PY07
Prerequisites: One year of undergraduate study
Credit points: 12
Contact hours: 3 per week
Campus offered: CA
Semester offered: 2

PYB400 THESIS 1-4

Students select a research topic and design and conduct a related research program using appropriate quantitative and qualitative methods of analysis. The unit consists of 4 parts, leading to the submission of the research thesis in APS format. Assessment of the Thesis is in accordance with University assessment procedures.

Courses: PY09
Credit points: 12
Contact hours: Individually supervised
Campus offered: CA
Semester offered: 1 (Part 1), 2 (Parts 2–4)

PYB401 ADVANCED RESEARCH METHODS

Provides students with a firm understanding of a range of multivariate procedures as well as the skills to apply each analysis appropriately. In addition this unit is designed to prepare students as critical consumers of psychological research.

Courses: PY09
Prerequisites: PYB 350 or equivalent
Credit points: 12
Contact hours: 3 per week
Campus offered: CA
Semester offered: 1

PYB402 COUNSELLING PSYCHOLOGY

A broad introduction to the field of counselling psychology, one of the specialised professional colleges within the Australian Psychological Society. The thematic focus is on the critical and creative comparisons, through a selection of selected counselling orientations (for example, Solution-focused therapy, Narrative therapy, Cognitive-behaviour therapy, or Psychoanalytic 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
Credit points: 12
Contact hours: 3 per week
Campus offered: CA
Semester offered: 1

PYB403 COGNITIVE NEUROPSYCHOLOGY

This unit aims to introduce to the area of neuropsychology and discusses both the clinical and cognitive approaches in the field. Three broad areas will be covered, namely neuropsychopathology, and the cognitive analysis of resulting deficits. Students will extend their knowledge of major neuropsychological structures and their interactions through an emphasis on how this information is applied in the clinical setting. They will also study a number of neuropsychological approaches and their diagnosis, assessment and treatment, as well as the psychosocial effects such deficits have on the patients. The deficits themselves will be considered from a cognitive perspective, with a view not only to understand the nature of the dysfunction but also to further specify our knowledge regarding the functional architecture of the cognitive system. Disorders will include the more commonly occurring illnesses such as stroke and Traumatic Brain Injury, and some of the resulting cognitive deficits, such as aphasia, memory impairments, and the planning and execution of every day tasks.

Courses: PY09
Prerequisites: PYB303, PYB304, PYB311
Credit points: 12
Contact hours: 3 per week
Campus offered: CA
Semester offered: 1

PYB404 ADVANCED SOCIAL & DEVELOPMENTAL PSYCHOLOGY

This unit attempts to draw attention to the contributions of social and developmental psychology to the understanding of human behaviour. Human beings integrate social existence and developmental change. It is important from a developmental psychologist's perspective to understand how the nature of social interactions affects the way we think, feel and behave. The unit is designed to give students the opportunity to understand the nature of the social world so we can understand the outcome. Life-span psychology believes that while there is life, there is development and hence the point at which social psychology takes over. This course has identified topics that take a developmental slant on social psychology, a social slant on developmental psychology and also topics that are prominent in social development. Henceforth this course will draw from each of the above areas, thereby reflecting the healthy heterogeneity that characterises this growing field.

Courses: PY09
Prerequisites: 3 years of psychology and PYB203 or equivalent
Credit points: 12
Contact hours: 3 per week
Campus offered: CA
Semester offered: 1

PYB405 ADVANCED ORGANISATIONAL PSYCHOLOGY

Assists participants to explore the role of organisational psychologists as both internal and external consultants who are skilled psychological researchers. It expands on studies in PYB302 and PYB353. Special attention will be given to the interaction between the employee and the organisation, with an emphasis on understanding and meeting the needs of the organisation and the needs of the employee. The unit is designed to provide students with an opportunity to gain a deeper understanding of the concepts of organisational psychology, to gain an understanding of the nature of organisational research, and to gain an understanding of the nature of organisational practice.

Courses: PY09
Prerequisites: PYB205, PYB302
Credit points: 12
Contact hours: 3 per week
Campus offered: CA
Semester offered: 1
PYB407 RESEARCH AND PROFESSIONAL DEVELOPMENT

This unit is intended to develop and extend students' understanding of research and practice issues in psychology. It will cover current debates and issues in psychology. Students will be encouraged to formulate critical responses to these topics. Attention will also be given to ethical issues 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 other professional 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.

Prerequisites: PYB401
Credit points: 12 Contact hours: 3 per week
Campus offered: CA Semester offered: 2

PYB450 THESIS 1-3

Research project, listed as three separate 12 credit point units. To be completed as a group empirical research project.

Courses: PY20
Credit points: 12 each (36 in total)
Campus offered: CA Semester offered: 1, 2

PYN000 COUSELING STUDIES 1

This unit is intended to provide students with an introductory understanding of the field of counselling, before focusing on the theory and practice of one contemporary perspective called 'Constructive' or 'Time-Efffective' Therapy. It is an approach based on the 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 possibilities for desired change. The approaches build on some of the major orientations and skill areas covered in previous courses (i.e. solution-focused therapy and narrative therapy), psychodynamic approaches, and reflecting teamwork.

Courses: PY12
Credit points: 12 Contact hours: 3 per week
Campus offered: CA Semester offered: 1

PYN001 RESEARCH METHODS & ISSUES

This unit is intended to acquaint students with an understanding of different approaches to, and perspectives on, research used across the disciplines of social science. Philosophical and ethical issues will be related to questions of methodology. As part of the unit, students will present preliminary proposals for their independent Project for group discussion and feedback.

Courses: PY12
Credit points: 12 Contact hours: 3 per week
Campus offered: CA Semester offered: 2

PYN006 PROFESSIONAL STUDIES 2

This unit provides an experiential introduction to the process of professional supervision. Supervision processes, roles, responsibilities, content and approaches are covered. Each student will have the experience of being supervised using one of five major counselling supervision approaches: Solution-Oriented, Narrative-Experiential, Analytic and Group-Developmental. Professional issues commonly addressed in supervision such as power, gender, consent, duty of care are reviewed.

Courses: PY12
Credit points: 12 Contact hours: 3 per week
Campus offered: CA Semester offered: 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 highly collaborative and reflective role depending on the counsellor's level of professional development and competencies. 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
Credit points: 12 Contact hours: 3 per week
Campus offered: CA Semester offered: 1

PYN008 PROJECT 1-3

Students undertake an empirical 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 implementing project requirements. PYN008/1 is completed in semester 1, and PYN008/2 and PYN008/3 are completed in semester 2.

Courses: PY12
Credit points: 12 for each section
Semester offered: 3 per week equivalent
Campus offered: CA

PYN013 ADVANCED COUNSELLING STUDIES

Having completed Counselling Studies 1, students will be grounding in some core theories and skills. This elective unit is designed to allow students to build on these skills by pursuing counselling studies in two 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 & Grief and Group Work. Students may also complete one or both modules through approved forms of independent study (e.g. completion of approved workshops, courses or special areas of alternative study).

Courses: PY12
Credit points: 12 Contact hours: 3 per week equivalent
Campus offered: CA Semester offered: 2

PYN026 ADVANCED COUNSELLING PSYCHOLOGY 1

This core unit provides the fundamental theoretical and applied approaches of counselling psychologists. It includes theoretical 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 critique and utilise the ever-increasing literature in counselling psychology.

Courses: PY17
Credit points: 12 Contact hours: 3 per week
Campus offered: CA Semester offered: 1

PYN027 ADVANCED COUNSELLING 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 an emphasis on non-verbal, social, emotional, gender, psychological and cultural dimensions are all present in the counselling process. Consideration of these dimensions enables counsellors to develop a more functional and client-focused relationships and to control biases, needs and possible exploitative practices.

Courses: PY12
Credit points: 12 Contact hours: 3 per week
Campus offered: CA Semester offered: 1

PYN002 COUSELING STUDIES 2

The historical development of psychoanalysis and contemporary psychotherapy 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.

Credit points: PYN000
Credit points: 12 Contact hours: 3 per week
Campus offered: CA Semester offered: 2
practice, and also emphasises the role of supervision in addressing these.

Courses: PYP30
Credit points: 12
Contact hours: 3 per week
Campus offered: CA
Semester offered: 2

► PYN031 RESEARCH TESIS 1-4

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 main contact points, which will be PYN031/1, PYN031/2, PYN031/3, and PYN031/4.

Courses: PYP17
Credit points: 48
Campus offered: CA
Semester offered: 1 (PYN031/1) and 2 (PYN031/2 and PYN031/3)

► 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 is placed throughout history. Currently the epidemiology, etiology, diagnosis and treatment of PTSD is experiencing unprecedented interest by a whole range of therapeutic professions. This unit focuses on the way counselling psychologists can be useful in the understanding and the treatment of trauma in general and PTSD in particular.

Courses: PYP17
Prerequisites: PYN026
Corequisites: PYN029
Credit points: 12
Contact hours: 3 per week
Campus offered: CA
Semester offered: 2

► PYN035 SUPERVISED PRACTICUM

This unit provides students with exposure to settings in counselling is the most frequently used therapeutic procedure. This unit will consist of supervised client contact of up to 250 hours.

Courses: PYP17
Prerequisites: PYN030
Credit points: 12
Contact hours: 3 per week
Campus offered: CA
Semester offered: 1

► 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: PYP17
Prerequisites: PYN035
Credit points: 12
Contact hours: 3 per week
Campus offered: CA
Semester offered: 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: PYP17
Prerequisites: PYN036
Credit points: 12
Contact hours: 3 per week
Campus offered: CA
Semester offered: 1

► 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: PYP17
Prerequisites: PYN037
Credit points: 12
Contact hours: 3 per week
Campus offered: CA
Semester offered: 2

► PYN460 ADVANCED INTERVENTIONS FOR ADDICTIVE BEHAVIOURS

Addictive behaviours, in the form of alcohol dependence, substance abuse and gambling, are recognized as major problems nationally and internationally. This unit focuses predominantly on psychological aspects of addictive behaviours. To establish a framework for learning, courses will initially address issues relating to biological and psychological models of addiction and methods of studying addictive behaviours. Issues pertaining to the conceptualisation of 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. Offered in Winter School

Courses: PYP401
Credit points: 12
Contact hours: 2 per week
Campus offered: CA
Semester offered: 2

► PYP401 INTRODUCTION TO ROAD SAFETY

This unit will introduce the key principles and practices in road safety. Students will be given to the broad context of road use/transport in society and the economic and social implications of road safety. A focus will be given on information retrieval, road crash analysis and interpretation, and the strategic development of road safety countermeasures.

Courses: PYP401
Contact hours: 3 per week
Campus offered: CA
Semester offered: 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, motorcyclists, cyclists and pedestrians. A range of theoretical models will be examined which have been used to explain the behaviour of road users.

Courses: PYP402
Credit points: 12
Contact hours: 3 per week
Campus offered: CA
Semester offered: 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: PYP404
Credit points: 12
Contact hours: 3 per week
Campus offered: CA
Semester offered: 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 countermeasures.

Courses: PYP405
Credit points: 12
Contact hours: 3 per week
Campus offered: CA

► PYP406 ROAD SAFETY PRACTICE TO THEORY

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 undertake an in-depth study and respond to an existing or emerging road safety problem. The students 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: PYP406
Credit points: 12
Contact hours: per semester, plus weekly contact with the Unit Coordinator
Campus offered: CA
Semester offered: 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: PYP407
Prerequisites: PYP401
Credit points: 12
Contact hours: Weekly contact with Supervisor
Campus offered: CA
Semester offered: 1, 2

► QCD105 COMPUTING & STUDY SKILLS

This unit is provided as an introduction to the skills necessary to be able to study effectively at...
UNIT SYNOPTICS

this University. It will also introduce students to personal computing within QUT and to recognising areas of student activity where computer applications are both possible and desirable.

Course: BS40, IT10 and IF06

Contact hours: 3 per week for 2 weeks

Campus offered: KG Semester offered: 1, 2, 3

► QC110 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 to show an academic nature to communication; analyse, make inferences and recognise key concepts; incorporates strategies for effective group participation and cross-cultural context; helps students learn techniques for writing successfully in genres appropriate to their field of study.

Credit points: 12 Contact hours: 4 per week

Campus offered: KG Semester offered: 1, 2, 3

► QC120 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 to show an academic nature to communication; analyse, make inferences and recognise key concepts; incorporates strategies for effective group participation and cross-cultural context; helps students learn techniques for writing successfully in genres appropriate to their field of study.

Credit points: 12 Contact hours: 4 per week

Campus offered: KG Semester offered: 1, 2, 3

► QC210 COMMUNICATION FOR BUSINESS 2

This unit further explores lexicographical items and generic structure to primarily promote producing skills of speaking and writing positioned in Information Technology. 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 as well as the refinement of essay techniques. Language and structure appropriate to Commercial, Technical and Academic communication is developed in support of Business subjects. Communication for Business 2 language learning tasks are parallel with content material from these units.

Courses: BS40, IF06 Prerequisites: QC110

Credit points: 12 Contact hours: 4 per week

Campus offered: KG Semester offered: 1, 2, 3

► QC220 COMMUNICATION FOR INFORMATION TECHNOLOGY 2

This unit further explores lexicographical items and generic structure to primarily promote producing skills of speaking and writing positioned in Information Technology. 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 as well as the refinement of essay techniques. Language and structure appropriate to Commercial, Technical and Academic communication is developed in support of Technology Diploma subjects. Communication for Information Technology 2 language learning tasks are parallel with content material from these units.

Courses: BS40, IT10 Prerequisites: QC120

Credit points: 12 Contact hours: 4 per week

Campus offered: KG Semester offered: 1, 2, 3

► QC1001 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 pathways and QUT undergraduate and postgraduate award programs. Courses are offered at all levels from elementary to advanced.

Credit points: 16 per four-week module

Contact hours: 25 per week

Campus offered: KG Semester offered: All year

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ports) 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 presenting arguments with an awareness of relevance and time management.

**Courses:**
- **QUC1, QUC2**
- **Prerequisites:** QCF112 or equivalent studies
- **Credit points:** 12
- **Contact hours:** 5 per week
- **Campus offered:** KG Semester offered: 1, 2, 3
- **QCF220 ACCOUNTING 2**

This unit examines various accounting sub-systems with a focus on balance sheets and financial statements. Students study the interaction and field trips.

**Courses:**
- **QUC1, QUC2**
- **Prerequisites:** QCF121 or equivalent studies
- **Credit points:** 12
- **Contact hours:** 5 per week
- **Campus offered:** KG Semester offered: 1, 2, 3
- **QCF230 INFORMATION PROCESSING**

Introduces the student 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, retrieving and retrieving information, using SQL for its implementation; a basis for the specification and implementation of information systems using relational algebra.

**Courses:**
- **QUC1, QUC2**
- **Credit points:** 12
- **Contact hours:** 5 per week
- **Campus offered:** KG Semester offered: 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 dispute resolution techniques (mediation, conciliation and arbitration). The unit also introduces students to the study of the formation and implementation of a contract and the discharge of a contract.

**Courses:**
- **QUC1, QUC2**
- **Credit points:** 12
- **Contact hours:** 5 per week
- **Campus offered:** KG Semester offered: 1, 2, 3
- **QCF250 MATHEMATICS B**

Rate of change; the derivative; stationary points; curve sketching; optimisation; integration; probability distribution; the binomial distribution; normal distribution; hypothesis testing; simple compound interest; present and future value; annuities; amortisation of debts; sinking funds; budgeting; t tests; regression analysis and correlation.

**Courses:**
- **QUC1, QUC2**
- **Prerequisites:** QCF150 or equivalent studies
- **Credit points:** 12
- **Contact hours:** 5 per week
- **Campus offered:** KG Semester offered: 1, 2, 3
- **QCF251 MATHEMATICS C**

Change of rate; the derivative; stationary points; curve sketching; optimisation; integration; probability distribution; the binomial distribution; normal distribution; hypothesis testing; trigonometry including trigonometrical ratios and circles; indices, logarithms, periodic functions; applications of integration; advanced topics in differential and integral calculus, error and approximation.

**Courses:**
- **QUC1, QUC2**
- **Prerequisites:** QCF150 or equivalent studies

Credit points: 12
- **Contact hours:** 5 per week
- **Campus offered:** KG Semester offered: 1, 2, 3
- **QCF252 LIFE SCIENCE**

Examines the Themes of life, Macromolecules, Metabolism, Cell Membrane, Cell Processes, Genetics, Evolution, Biological Diversity, Plant and Animal Physiology.

**Courses:**
- **QUC1, QUC2**
- **Prerequisites:** QCF153 or equivalent studies
- **Credit points:** 12
- **Contact hours:** 5 per week
- **Campus offered:** KG Semester offered: 1, 2, 3
- **QCF253 PHYSICAL SCIENCES 2**

Prepares international students for tertiary studies in the Arts and Social Sciences. Provides a solid foundation in basic chemistry and physics and experimental techniques; Water and Aqueous Systems - Properties of solutions; Acids - Bases - Neutrallisation: 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; Projectiles; Force, mass, weight; Newton's three laws; Circular motion; Gravitational force and gravitational mass; Work, Energy; Power; Momentum, force impulse, collisions; Angular quantities, kinematic equations for rotational motion; Simple Harmonic Motion.

**Courses:**
- **QUC1, QUC2**
- **Prerequisites:** QCF153 or equivalent studies
- **Credit points:** 12
- **Contact hours:** 5 per week
- **Campus offered:** KG Semester offered: 1, 2, 3
- **QCS211 ACADEMIC COMMUNICATION**

This unit is designed to develop the English communication skills of international students who intend to pursue tertiary studies in Australia. The skills learnt in this subject area are of vital importance in an academic context. Students will be advised first of all on effective thinking, listening and writing. The unit objectives include the promotion of efficient reading methods and clear and concise writing in the conventional genres relevant to undergraduate and postgraduate study. Students will be expected to master basic primary and secondary research skills related to assignment tasks. Students will be encouraged to develop examination speaking proficiency in tutorial discussion, oral presentation and seminar management.

**Courses:**
- **QUC1, QUC2**
- **Contact hours:** 6 per week
- **Campus offered:** KG Semester offered: 1, 2
- **QCS212 TERTIARY STUDY SKILLS**

Introduces international students to the expecta-tions and demands of the education system in Australia. The skill learnt in this subject area are of vital importance in an academic context. Students will be advised first of all on effective thinking, listening and writing. The unit objectives include the promotion of efficient reading methods and clear and concise writing in the conventional genres relevant to undergraduate and postgraduate study. Students will be expected to master basic primary and secondary research skills related to assignment tasks. Students will be encouraged to develop examination speaking proficiency in tutorial discussion, oral presentation and seminar management.

**Courses:**
- **QUC1, QUC2**
- **Credit points:** 12
- **Contact hours:** 6 per week
- **Campus offered:** KG Semester offered: 1, 2
- **QCS213 COMMUNICATION EXTENSION**

Communication Extension is not a compulsory subject but is an English language support unit for students who are not able to reach their full potential in their other subjects because of their lack of English language proficiency. It consists of two main components: Workshops and individual sessions where students can have support for assignment planning and editing, practising presentation skills, and general assistance with any language problems.

**Courses:**
- **QUC3**
- **Contact hours:** 2 per week for 7 weeks
- **Campus offered:** KG Semester offered: 1, 2
- **QCS230 COMPUTING**

This unit is designed to give international students the computing ability to function in tertiary study in Australia. The unit content includes: access to the QUT network, Microsoft Windows, email, Internet, word processing and presentation and the use of technology in tertiary study.

**Courses:**
- **QUC3**
- **Contact hours:** 4 per week
- **Campus offered:** KG Semester offered: 1, 2
- **SCB202 SCIENCE, TECHNOLOGY AND SOCIETY**

This unit examines the interactions and effects that exist between modern science, technology and society both from a social and historical perspective. Introduces students to the Internet, genetic modification and nanotechnology are discussed within a context of globalisation and ethical 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.

**Credit points:** 12
- **Contact hours:** 4 per week
- **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 observation, brief introduction to stars and galaxies. Practical exercises and field trips.

**Courses:**
- **ED50, IF71, SC01**
- **Credit points:** 12
- **Contact hours:** 7 per week (for five weeks)
- **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 in advanced studies. The modules offered include Life Sciences, Chemistry, Physics, Mathematics, Statistics and Environmental Science.

**Courses:**
- **SC01 (Dean’s Scholars program)**
- **Prerequisites:** Three of the Senior subjects Biological Science, Chemistry, Earth Science, Mathematics B, Mathematics C, or Physics with at least 2 x (4 VHA) and 1 x (HA).

**Credit points:** 24
- **Contact hours:** 20 per week (for five weeks)
- **Campus offered:** GP Semester offered: 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 student to explore topics and research skills, written and oral presentation skills, and effective research skills.

**Courses:**
- **QUC3**
- **Contact hours:** 4 per week
- **Campus offered:** KG Semester offered: 1, 2
- **SCB401 RESEARCH METHODS FOR DEAN’S SCHOLARS**

Later, a review; experimental design; research proposal formulation and writing; presentation of a research proposal.

**Courses:**
- **SC01 (Dean’s Scholars program)**
- **Prerequisites:** Either (a) SCB301 and SCB303, or (b) completion of at least 12 units in the SC01 program, including at least three Faculty core units from List A and at least three from List B, with a GPA of at least 6.5

**Credit points:** 12
- **Contact hours:** 4 per week
- **Campus offered:** GP Semester offered: 1, 2
- **SCB402 EARTH RESOURCES MANAGEMENT**

Appreciation of earth resources, their distribution and uses; societal and environmental impacts of future alternatives on earth resources; energy sources; water and soil resources; realities and limits of earth resources; management; conservation versus exploration; waste disposal; environmental pollu-
tion; future technological developments and their possible effects on earth resources. Management in applied geology; professionalism and ethics together with an introduction to civil and mining law. Mining acts and miner's rights; licensing procedures for prelicensing; management of mining; mining leases on crown lands and mining on private land; the enforcement of mining inter-
est; petroleum legislation in Australia; company on private land; the enforcement of mining inter-

Credit points: 12 Contact hours: 4 per week

SPCB01 RESEARCH PROJECT FOR DEAN'S SCHOLARS

Life span development for students interested in early childhood, primary or secondary. Theoretical consider-
tations of adult learning, a workshop format designed to develop critical, language, moral and social-emotional development; understanding differences in language, moral and social development, the concept of inclusive education.

Credit points: 24 Contact hours: (Individual research project)

Courses: SC01 (Dean's Scholars program)

ED50, ED51, ED52, ED53, ED55, ED57, IF70-79, IF81, IF82, IF83, IF84

Campus offered: 

Credit points: 24 Contact hours: 3 per week

SPB002 PSYCHOLOGY OF LEARNING & TEACHING

Theories of learning, metacognition, motivation, problem solving, thinking and creativity, Intelli-

Credit points: 12 Contact hours: 3 per week

Courses: ED26, ED50, ED51, ED52, ED53, ED55, ED56, ED57, IF70-79, IF81, IF82, IF83, IF84

Prerequisites: SPB001, SPB002

Credit points: 12 Contact hours: 3 per week

SPB004 TEACHING EXCEPTIONAL STUDENTS

Integrates a basic understanding and application of learning theory as it applies to exceptional populations. Focuses on approaches to teaching particular groups. Provides an opportunity for development of specialist skills and resources in one of the following areas: (a) students with learning difficulties; (b) gifted stu-
dents; (c) students with low incidence disabilities, for example hearing impaired, visu-
ally impaired or physically handicapped; (d) behav-
orally or emotionally disturbed students.

Credit points: 12 Contact hours: 3 per week

SPB005 INTERACTIVE TEACHING STRATEGIES

Interactive teaching strategies offer alternatives to whole class lecture methods of presenta-
tion, and can be used with any age level and in any content area (K-12, TAFE, university). They increase confidence, enthusiasm, and enjoyment of learning; insure less separation due to race, gender, ethnicity, or status; make learning rele-
tant to individual experience, and invite the use of higher order thinking skills. This is a practi-
cal, hands-on subject, structured according to principles of adult learning.

Credit points: 12 Contact hours: 3 per week

SPB006 COUNSELLING

The nature of counselling/helping in educational contexts; the educator as counsellor; characteris-
tics of effective counselling; the 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 ef-
ductive use of the skills.

Credit points: 12 Contact hours: 3 per week

Courses: ED13, ED26, ED43, ED50, ED51, ED52, ED54, ED55, ED61, IF70-79

Prerequisites: ED43, ED50, ED51, ED54, ED55, IF70-79

Credit points: 12 Contact hours: 3 per week

SPB007 HUMAN SEXUALITY & LEARNING

Key topics in sexual behaviour and learning such as heterosexual and homosexual sexuality across the life span, contraception, abortion, STD's, gender, child abuse sexual, assault, pornographic. Implications for school, community, and health-
care workers and educators, with emphasis on the formal, informal and family.

Credit points: 12 Contact hours: 3 per week

Courses: ED26, ED43, ED50, ED51, ED52, ED54, ED55, IF70-79, NS40, NS48

Prerequisites: 12 Contact hours: 3 per week

SPB008 THE MIDDLE YEARS OF SCHOOLING

Provides an understanding of the developmental needs and interests of young adolescents and re-
form initiatives being implemented by schools to address these issues. The unit analyses the work of agencies and major reports in the middle years of school. It will examine aspects of research focusing on reform in curriculum, pedagogy and the way schools are organised. The unit is one of four units forming a pathway into the middle years of schooling for primary and sec-

Credit points: 12 Contact hours: 3 per week

Courses: ED26, ED50, ED51, ED55, IF70-79

Prerequisites: ED13, ED26, ED43, ED50, ED51

Credit points: 12 Contact hours: 3 per week

SPB009 RESEARCH METHODS IN EDUCATION

Development of an awareness and understanding of the research process, a historical, sociol-
tural, ethical and theoretical perspective; the va-

tility, applicability and suitability of various research methods; educational research de-
avour; comprehension and evaluation of re-
search findings drawn from a variety of perspectives, paradigms and methodologies; de-

d develop of skills to conduct research appro-

Credit points: 12 Contact hours: 3 per week

Courses: ED25, ED50, ED51, ED55, IF70-79

Prerequisites: SPB010, SPB011, SPB012, SPB013, SPB014, SPB015

Credit points: 12 Contact hours: 3 per week

SPB010 EDUCATION LAW & THE BEGINNING TEACHER

Legal literacy and the legal education law; stu-
dents- and rights; students- law and schools; par-
ties law and education; teachers- rights and ob-
ligations; teachers and school-based accidents;
educational malpractice.

Credit points: 12 Contact hours: 3 per week

Courses: ED34, ED50, ED51, ED52, ED54, ED55, IF70-79

Prerequisites: ED26, ED50, ED51, ED52, ED55, IF70-79

Credit points: 12 Contact hours: 3 per week

SPB011 LEARNING/TEACHING ENVIRONMENTS

The environmental context for learning/teaching; the range of learning environments in education; how people interact in different learning environ-

Credit points: 12 Contact hours: 3 per week

Courses: ED34, ED50, ED51, ED52, ED54, ED55, IF70-79

Prerequisites: ED26, ED50, ED51, ED52, ED54, ED55, IF70-79

Credit points: 12 Contact hours: 3 per week

SPB012 CLASSROOM & BEHAVIOUR MANAGEMENT

Research and practical knowledge about manag-
ing learners to meet their needs in purposeful and responsive learning environments. A reflective and research oriented evaluation of topics is en-
couraged, including managerial, environmental and educational conceptions of developing posi-
tive learning environments.

Credit points: 12 Contact hours: 3 per week

SPB013 PROGRESSIVE STRATEGIES FOR GENERAL & 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 that were formerly the domain of TAFE. Familiarity with developments such as the competencies movements and competency-

Credit points: 12 Contact hours: 3 per week

SPB014 ADVANCED SKILLS OF EFFECTIVE LEARNING & TEACHING

The Queensland Education Department’s corpo-
rate plan focuses on teachers developing skills and attitudes to teach in a socially just framework and to facilitate effective learning and teaching. This unit develops an understanding of the Prin-
ciples for Effective Learning and Teaching and develops strategies which facilitate socially just teaching which is consonant with such principles and, at the same time, encourage lifelong teacher learning.

Credit points: 12 Contact hours: 3 per week

SPB015 GETTING IT ALL TOGETHER: TEACHERS- PROFESSIONAL WORK IN THE DIFFERING CONTEXTS OF THE PRIMARY CLASSROOM

Designed to address the multidimensional, di-

Credit points: 12 Contact hours: 3 per week

SPB016 TEACHERS & THE CURRICULUM

Development of concepts and strategies essential for the design and implementation of relevant and evalu-

Credit points: 12 Contact hours: 3 per week

SPB017 CLASSROOM MANAGEMENT: MODELS & PRACTICE

Practical and research-based approaches to class-

Credit points: 12 Contact hours: 3 per week

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UNIT SYNOPSES

► SPB018 TEACHING STRATEGIES
Evaluation of the students teaching strategies; the literature on teaching strategies; critical evaluation of strategies/models of teaching available.

Courses: ED26, ED43, ED50-52, ED54, ED55, EDM, EDM99
Credit points: 12
Contact hours: 3 per week

► 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, ED65, EDM99-79
Credit points: 12
Contact hours: 3 per week

► SPB020 CLASSROOM ASSESSMENT PRACTICES
Examination of nature and purpose of assessment; traditional and contemporary development of 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, EDM61, IF70-79
Credit points: 12
Contact hours: 3 per week

► SPB021 EDUCATORS & THE LAW
Legal issues relating to education; student and teacher rights and responsibilities; specific educational issues; educational malpractice; educational administration and law.

Courses: ED23, ED26, ED53, ED61
Credit points: 12
Contact hours: 3 per week

► SPB022 THE MIDDLE YEARS CURRICULUM
This unit will enable students to gain an appreciation of 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, IF70-79
Credit points: 12
Contact hours: 3 per week

► SPB023 ADULT LEARNING & DEVELOPMENT
The psychological foundations of human learning and development with specific emphasis on adults. Contemporary theories and research issues such as cognition and learning, the effect of motivation and learning strategies, and contextual variables which can influence effective learning environments will be explored.

Courses: ED54, ED61
Credit points: 12
Contact hours: 3 per week

► SPB024 ACQUISITION & ADAPTABILITY OF WORKPLACE KNOWLEDGE & SKILLS
Explores the underlying theoretical constructs that may enhance the acquisition of knowledge and skills. In accord with the National Training Reform Framework, issues such as multi-skilling, contextualised learning, intervention to accelerate performance, and transfer of knowledge and skill are addressed.

Courses: ED25
Credit points: 12
Contact hours: 3 per week

► SPB025 THE INDIVIDUAL IN ADULT & WORKPLACE EDUCATION
Tailored to the needs and strengths of individuals and acquiring confidence in planning, organising and implementing learning experiences. Focus ranges from setting up initial meetings to creating responsive positive learning environments and evaluating outcomes in terms of individual learners.

Courses: ED54, ED61
Credit points: 12
Contact hours: 3 per week

► SPB026 ADULT EDUCATION IN THE WORKPLACE & COMMUNITY
The nature and role 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 trends in Austria to provide effective forms of post-compulsory education and training.

Courses: ED54, ED26, ED61
Credit points: 12
Contact hours: 3 per week

► SPB027 ORIENTATION TO ADULT & WORKPLACE PROGRAMS
Basic concepts and processes of curriculum development for contemporary adult, workplace and community education. The nature of programs; investigating needs, competencies and outcomes; planning learning and sanctions; participant assessment and program evaluation.

Courses: ED54, ED26, ED61
Credit points: 12
Contact hours: 3 per week

► SPB028 THE GROUP IN ADULT & WORKPLACE EDUCATION
Introduction to the theory relating to groups and group processes which occur in adult groups. Participants deal with ethical applications for educational settings, with special emphasis on developing facilitating skills.

Courses: ED23, ED50-55, EDM61
Credit points: 12
Contact hours: 3 per week

► SPB029 INSTRUCTIONAL STRATEGIES FOR ADULT & WORKPLACE LEARNERS
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
Credit points: 12
Contact hours: 3 per week

► SPB030 PROGRAMMING IN ADULT & 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.

Courses: ED54, ED26
Credit points: 12
Contact hours: 3 per week

► SPB031 LAW IN THE ADULT & WORKPLACE ENVIRONMENT
Recent legal and legislative developments that affect employers and employees require great attention. This unit will raise 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
Credit points: 12
Contact hours: 3 per week

► SPB032 OPEN LEARNING & FLEXIBLE DELIVERY
Deals with the concepts and research relating to open and distance learning as well as flexible workplaces and 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, ED61
Credit points: 12
Contact hours: 3 per week

► SPB034 ORGANISATION & ADMINISTRATION OF ADULT & WORKPLACE EDUCATION
Adul and workplace educators are responsible for the effective planning, organisation and management of a broad spectrum of training modules, courses and units. This unit will assist the adult and workplace educator to explore, analyse and apply strategic planning and HRM processes within diverse occupational contexts. Emphasis will be placed on an understanding of the steps and processes associated with enhancing learning at work, and human resource management, in order to guide effective practice.

Courses: ED54, ED61
Prerequisites: SPB58, CLB1304
Credit points: 12
Contact hours: 3 per week

► SPN600 LEARNERS AND TEACHERS IN CONTEXT
Introduction to course themes of the teacher as professional and critical educator; development of a variety of case study, experiential learning and research methodologies to investigate the nature of the learner and their 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
Credit points: 24
Contact hours: 5-6 per week

► SPN601 TEACHING STUDIES
Introduces students to the curriculum and key learning areas, as well as provides the practical skills and understandings necessary for managing and promoting learning within a wide range of contexts.

Courses: ED17, ED18, ED19
Credit points: 24
Contact hours: 5-6 per week

► SPN602 PROFESSIONAL TEACHING, CASE AND PROJECT IMPLEMENTATION
This unit focuses on the transition from preservice 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, creative and reflective professionals.

Courses: ED17, ED18, ED19
Credit points: 24
Contact hours: 5-6 per week

► SPN603 INTERDISCIPLINARY PRIMARY CURRICULUM STUDIES
The unit is designed to consolidate and expand students’ understanding of understandings and capacities associated with classroom teaching, program planning, implementation and evaluation, and student assessment and reporting in 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 teachers professional curriculum work in the primary context.

Courses: ED18
Prerequisites: SPN601
Credit points: 12
Contact hours: 3 per week

► 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 contexts for their teaching practice.

Courses: ED17, ED18, ED19
Credit points: 12
Contact hours: 3 per week

► 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 and reporting; accountability; and to the need to be inclusively responsive to the diverse range of students and group backgrounds. Abilities developed in this unit examine relevant influences within a context of change as a basis for a more informed and criti-
cally aware understanding of where teachers and their professional work fit.

**SPN610 ADVANCED EDUCATIONAL COUNSELLING**

Theoretical approaches to counselling are applied to problems and concerns arising in the educational context. Theories of interpersonal relations, behaviour modification, existentialism, person-centred, Gestalt, transactional analysis, behaviour, rational-emotive and reality. Skills and techniques associated with each major theoretical approach 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

Credit points: 12

Contact hours: 3 per week

**Prerequisites:** SPB006

**Credit points:** 12

**UNIT SYNOPSIS**

**SPN611 EDUCATIONAL COUNSELLING PRACTICE**

Professional practices of educational counsellors working in the P-12 context; intervention, prevention, affective, and developmental program discussed; adolescent issues and career counselling outlined; consultation: models, theories and practices; self-management skills to litigation; time management, program evaluation, accountability and decision-making discussed. Courses: ED13, ED11

Credit points: 12

**UNIT SYNOPSIS**

**SPN612 PSYCOEDUCATIONAL 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

Credit points: 12

**SPN613 LEARNERS WITH SPECIAL NEEDS: ISSUES 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; development of mental 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 for inclusive learning environment appropriate to student learning needs; strategies for inclusive education; roles and models of support and advisory personnel in inclusive learning environments. Courses: ED13, ED11

Credit points: 12

**UNIT SYNOPSIS**

**SPN614 TEACHING STUDENTS WITH LEARNING DIFFICULTIES/ DISABILITIES**

In-depth review of the impact of learning disabilities/difficulties and developmental delay on the learning of literacy from years 1-12 and in post-secondary education; studies in language and its use in learning; assessment and monitoring techniques and approaches to literacy acquisition by students with learning difficulties/disabilities. Draws on developments in areas such as sociolinguistics, psycholinguistics, metacognition and process approaches to teaching learning within an inclusive education framework. Courses: ED13, ED11

Credit points: 12

**UNIT SYNOPSIS**

**SPN615 EDUCATIONAL INTERVENTION FOR CHALLENGING BEHAVIOUR IN THE CLASSROOM**

Aims to provide theoretical and practical knowledge and skills relevant to career counselling which will enable students to effectively assist people with identifying career choices and making appropriate decisions. Courses: ED13, ED11

Credit points: 12

**UNIT SYNOPSIS**

**SPN616 BEHAVIOUR MANAGEMENT: PROGRAMS & PLANNING**

Present behavioural 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 implementation, evaluation, and maintenance of appropriate interventions. Courses: ED13, ED61

Credit points: 12

**UNIT SYNOPSIS**

**SPN617 ISSUES IN CLASSROOM MANAGEMENT**

Provides an overview of the domain and research in the area of classroom management and prevention and management of behaviour difficulties in the school setting. These approaches include proposals for change in the structure of the school or education system, curricular strategies and methods of dealing with more difficult emotional or behavioural problems. The emphasis is placed on the analysis of current management theories and the implications of these for school and classroom practice. Courses: ED11, ED61

Credit points: 12

Contact hours: 3 per week

**UNIT SYNOPSIS**

**SPN618 CAREER DEVELOPMENT PROGRAMS**

Focus on career planning as a lifelong process, emphasizing that education and guidance programs focus on skill development for repeated career transitions and self-directed time management, program evaluation, accountability and decision-making discussed. Courses: ED13, ED11, ED61

Credit points: 12

**UNIT SYNOPSIS**

**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

**UNIT SYNOPSIS**

**SPN620 CAREER COUNSELLING**

Aims to provide advanced knowledge and practical skills relevant to career counselling which will enable students to effectively assist people with identifying career choices and making appropriate decisions. Courses: ED13, ED11, ED61

Credit points: 12

**UNIT SYNOPSIS**

**SPN621 ADULT & WORKPLACE EDUCATION: PRINCIPLES & 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

Credit points: 12

**UNIT SYNOPSIS**

**SPN622 LEGAL RISK MANAGEMENT & 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 staff, to make appropriate legal risk management strategies. Courses: ED13, ED11

Credit points: 12

**UNIT SYNOPSIS**

**SPN623 STRATEGIC WORKPLACE EDUCATION**

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 organisa-
UNIT SYNOPSIS

**SP635 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 analyze and research whether it is exposed to be more flexible, responsive and collaborative assessment and reporting systems.

Courses: ED11, ED13
Credit points: 12
Contact hours: 3 per week

**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
Contact hours: 3 per week

**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 will be consultation and collaboration between regular and support teachers.

Courses: ED28, ED61
Credit points: 12
Contact hours: 3 per week

**SPP503 LITERACY & 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
Contact hours: 3 per week

**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
Contact hours: 3 per week

**SPP505 FINANCIAL MANAGEMENT IN EDUCATION SETTINGS**

The financial aspects of managing an educational setting; various financial management control problems; the basic accounting principles and skills used in the recording and management of school financial transactions; guidelines for the efficient and effective use of limited school financial resources.

Courses: ED23, ED61
Credit points: 12

**SPP506 POLICIES & PRACTICES IN EDUCATIONAL MANAGEMENT**

Explores the nature of educational policies in Australia; analyses policies to consider social and political influences; addresses educational practices in relation to current policies at various government and organisational levels.

Courses: ED23, ED61
Credit points: 12
Contact hours: 3 per week

**SPP507 EDUCATIONAL SERVICES MANAGEMENT**

Focuses on leadership roles by identifying various leadership styles and effective communication styles; development of an understanding and facilitation of change; consulting, advocacy and empowerment strategies are identified.

Courses: ED23, ED61
Credit points: 12
Contact hours: 3 per week

**SPP508 HUMAN RESOURCES MANAGEMENT IN EDUCATION**

Staff supervision and appraisal; staff development planning, implementation and evaluation; facilitative skills.

Courses: ED23, ED61
Credit points: 12
Contact hours: 3 per week