HANDBOOK

2002

Queensland University of Technology

www.handbook.qut.edu.au

Gardens Point Campus

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Telephone: (07) 3864 2111
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Kelvin Grove Campus

Victoria Park Road, Kelvin Grove, Brisbane
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Carseldine Campus

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CRICOS Institution Code

00213J

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Content

Section 1 General Information

Preface....2
Principal Dates....3
Council and Committees....4
Senior Officer of the Administration....5
University Medals....6
Academic and Student Support Services....6
QUT Alumni....9
QUT Cultural Precinct....10
Student Guild....11

Section 2 Student Rules

Student Rules, Policies and Procedures....13
Policy Statement....34

Section 3 Academic Programs

Faculty of Built Environment and Engineering....41
Faculty of Business....83
Faculty of Creative Industries....121
Faculty of Education....141
Faculty of Health....175
Humanities and Human Services....207
Faculty of Information Technology....217
Faculty of Law....233
Faculty of Science....251
QUT International College....273
University-wide and Interfaculty Courses....277

Section 4 Unit Synopses

Unit Coding and Numbering....384
Synopses....385

Section One

General Information

Preface **2**
Principal Dates **3**
Council and Committees **4**
Senior Officers of the Administration **5**
University Medals **6**
Academic and Student Support Services **6**
QUT Alumni **9**
QUT Cultural Precinct **10**
Student Guild **11**

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 *CNAA*, DUniv *USC*, FAIM, FTS.

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

Mr K. (Keith) Hilless, 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.

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

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

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

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 *JCU, CertCivEng QIT*. Assistant Director-General, Office of Resource Services, Education Queensland.

Nominees of Council
To be announced.

Elected general staff members
Ms H. (Halima) Goss, DipTeach, BappSc *CQU*. Associate Director (Online Teaching), Manager (Software, Multimedia & Internet Learning Environments), Division of Information and Academic Services.
Miss S. (Susan) Smith. Bcomm *GU*, MedAd *Qld*. School Administration Officer, School of Electrical and Electronic Systems Engineering, Faculty of Built Environment and Engineering.

Elected academic staff members
Dr R. (Bob) Cope, CertT Sydney TC, BEd(Hons) James Cook, MEdSt Qld, PhD QUT, Coordinator (Secondary), School of Professional Studies, Faculty of Education.

Mr R. (Ross) Daniels, BA(SocWk), BA(Econs), 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.

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

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 *Griff*., FAIM, FRIPAA

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

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

Manager, Oodgeroo Unit: V. Hart

ADMINISTRATIVE SERVICES DIVISION

Registrar — Head, Administrative Services: 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*, DipEd *UQ*, GradDipBusAdmin *BCAE*

Director, Human Resources: C. Dickenson, BBus(Mgt) *QIT*, PhD *Qld*, CMAHRI

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

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 DipEd *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: I.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 (ComnSt)

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) *Melb*., DipLib *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 (CompSci) *QCU*, MACS, PCP

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

Manager, Central Information Services: J. Dascoli

Manager, Network Services: R.A. Gorham, BE(Hons) DipCompSci *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 DipEd BEd DipPsych *Qld*

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

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

Manager, Commercial Services: C. Melvin, BBus(Mgnt) *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.

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

Web	www.qut.edu.au/careers
Email	careers@qut.com
Carseldine	Level 3, C Block (Student Centre) Phone: 07 3864 4831
Gardens Point	Level 2, U Block Phone: 07 3864 2649
Kelvin Grove	Level 4, C Block Phone: 07 3864 3656

Chaplaincy

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

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

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

Chaplaincy Service locations:

Carseldine	Room C310
Gardens Point	Old Government House (near entrance to the Library and U Block)
Kelvin Grove	Room A131 (ground floor near the Library)

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

Computing and Technology Services

The Student Computing Guide covers essential computing information for QUT students. The guide is 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

- 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, wwwlib.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

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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 Queenslands most central and historically important sites. Adjacent to Brisbanes 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, craftsworkers, 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 a picturesque and spacious function area, within the glass walled foyer, overlooking the City Botanic Gardens.

Location
Main Drive
QUT Gardens Point

Information
Phone: (07) 3864 2797
Email: culturalprecinct@qut.edu.au
Web site: www.culturalprecinct.qut.edu.au.

THE GARDENS THEATRE

The Gardens Theatre is a premium and versatile venue offering an annual program of student and professional productions including works from major Queensland performing arts companies.

Featuring a spacious foyer overlooking the City Botanic Gardens and an auditorium that seats 400, 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.

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

The Gardens Theatre 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

Introduction 14
1. Application 14
2. Enrolment 14
3. Non-award studies 18
4. Transfer of credit 19
5. Assessment 20
6. Review of grades and academic rulings 22
7. Unsatisfactory academic performance and exclusion 23
8. Higher Education Contribution Scheme 24
9. Student Guild fee rules 25
10. Student fees 25
11. Sanctions for failure to meet payment obligations 26
12. Sanctions for breach of assessment rules 26
13. Student appeals against exclusion 26
Schedule 1: Postgraduate tuition fees 28
Schedule 2: Visiting student fees 29
Schedule 3: Administrative charges 29
Appendix 1: Credit Transfer policies 30
Appendix 2: Eligibility for graduation – limits on grades of 3 31
Appendix 3: Exclusion – designated subjects 32
Appendix 4: Replacement and substitute award certificates 32
Appendix 5: Unit addition and withdrawal dates for 2002 33

Policy Statements

Access to assessment results 34
Assessment provisions for students with disabilities 34
Children of students on campus 34
Information access and privacy 35
Disability services policy 36
Awards with honours 37
Equal opportunity policy 37
Policy on inclusive language and presentation 38
Sexual and gender-based harassment policy 38
Policy on racial discrimination and harassment 39
Supplementary assessment 40

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 CONTRAVENE THESE OR ANY OTHER QUT RULE OR POLICY, OR WHO FAIL TO MEET THEIR OBLIGATIONS (INCLUDING FAILING TO PAY PRESCRIBED FEES, LATE FEES OR FINES, OR FOR FAILING TO RETURN LIBRARY/FACULTY MATERIALS OR EQUIPMENT).

These Student Rules are made pursuant to -

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

They should also be read in conjunction with:

- Schedule 1 to the QUT Act 1998, Conduct on University Land. This Schedule authorises certain University officers to direct disorderly persons or those creating disturbances to leave the University. A person failing to comply with such a direction may be fined.
- 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 should 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
SUBMIT TO: Enrolments Office, Kelvin Grove campus, Office of International Students (for international students only) or 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).

SOURCE: Student Centres.
SUBMIT TO: Admissions Office, Kelvin Grove campus or Student Centres.

(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 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.

(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 interests 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 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 students 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)
S3 Pass Supplementary; final grade awarded following satisfactory completion of supplementary assessment (see Note), or
S Satisfactory (where approved for use).

Fail Grades
2 Fail
S2 Fail Supplementary
1 Low 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.

$$\text{GPA} = \frac{\sum (\text{credit points of unit X numeric value of grade})}{\sum (\text{credit points of unit})}$$

(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 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.

FORMS: Application for Review of Grade, Application for Review of Academic Ruling.
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)(h) (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.

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 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

(c) mitigating circumstances advanced by or on behalf of the student in the appeal.

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

		Fee per Credit Point
AA84	Master of Communication Design	$100
AA95	Master of Music	$75
MJ32	Master of Arts (Digital Media)	$70
AA07	Graduate Diploma in Dance Instruction	$75
AA94	Graduate Diploma in Music	$75
MJ31	Graduate Diploma in Digital Media	$70
AA06	Graduate Certificate in Dance Instruction	$75#
AA93	Graduate Certificate in Music	$75#
MJ24	Graduate Certificate in Arts (Creative Writing)	$65#
MJ25	Graduate Certificate in Arts (Film & Television Production)	$75#
MJ26	Graduate Certificate in Arts (Journalism)	$75#
MJ30	Graduate Certificate in Digital Media	$70#

Humanities and Human Services

HS16	Master of Social Science (Human Services)	$65
HS15	Graduate Diploma in Social Science (Human Service)	$65
	Graduate Certificate in Human Services (commencing 2002)	$65

Built Environment and Engineering

CN75	Master of Facilities Management	$95
CN77	Master of Project Management	$95
CN92	Master of Property Economics	$95
ME76	Master of Engineering Management	$95
EE78	Master of Engineering Science in Electricity Supply Engineering	$150+
CN64	Graduate Diploma in Project Management	$95
CN91	Graduate Diploma in Property Economics	$95
EE60	Graduate Diploma in Electricity Supply Engineering	$150+
PS78	Graduate Diploma in Geographic Information Systems	$90
PS78	Graduate Diploma in Geomatics	$90
AR65	Graduate Certificate in Building Fire Safety	$85#
AR66	Graduate Certificate in Built Environment (Healthy Buildings)	$80#
CE62	Graduate Certificate in Civil Engineering	$90#
CN81	Graduate Certificate in Project Management	$95#
CN90	Graduate Certificate in Property Economics	$95#
EE82	Graduate Certificate in Electricity Supply Engineering	$150#+
ME75	Graduate Certificate in Engineering Management	$95#
PS73	Graduate Certificate in Geomatics	$90#
PS75	Graduate Certificate in Landscape Techniques	$80
PS76	Graduate Certificate in Landscape Design	$80
PS77	Graduate Certificate in Advanced Landscape Techniques	$80
PS79	Graduate Certificate in Geographic Information Systems	$90
PS82	Graduate Certificate in Planning	$80
DB60	Graduate Certificate in Designed Environments for Ageing	$100

Business

BS81	Master of Business Administration	$65
BS88	Master of Business Administration (Communication Studies)	$80
BS89	Master of Business (Professional Accounting)	$80
BS93	Master of Business	$80
BS94	Master of Commerce	$80
BS98	Master of Applied Finance	$80
GS80	MBA (International)	$120
GS81	MBA (Professional)	$120
GS82	MBA (New Venture Management)	$120
GS24	International MBA (commencing 2002)	$160
GS85	Master of Business Administration (commenced pre-2000)	$120
GS90	Master of Business Administration (commenced 2000)	$140
GS10	Master of Business Administration (commenced 2001)	$140
GS20	Master of Business Administration (commencing 2002)	$160
GS96	Master of Business Administration (major) (commencing 2002)	$160
GS94	Executive Master of Business Administration	$140
GS95	Executive Master of Business Administration (commencing 2002)	$160
BS70	Graduate Diploma in Advanced Accounting	$80
BS72	Graduate Diploma in Communication	$80
BS96	Graduate Diploma in Applied Finance	$80
GS70	Graduate Diploma in Business Administration (admission only via articulations)	$120
GS86	Graduate Diploma in Business Administration (commenced pre-2000)	$120
GS91	Graduate Diploma in Business Administration (commenced 2000)	$140
GS11	Graduate Diploma in Business Administration (commenced 2001)	$140
GS21	Graduate Diploma in Business Administration (commencing 2002)	$160
BS30	Graduate Certificate in Management (commenced pre-2000)	$120#
GS93	Graduate Certificate in Management (commenced 2000)	$140#
GS13	Graduate Certificate in Management (commenced 2001)	$140#
GS23	Graduate Certificate in Management (commencing 2002)	$160#
GS87	Graduate Certificate in Business Administration (commenced pre-2000)	$120#
GS92	Graduate Certificate in Business Administration (commenced 2000)	$140#
GS12	Graduate Certificate in Business Administration (commenced 2001)	$140#
GS22	Graduate Certificate in Business Administration (commenced 2002)	$160#
BS39	Graduate Certificate in Business	$80#

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 (Generic)	$70#
ED77	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	$70#
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

Information Technology

IT40	Master of Information Technology	$80
IT45	Master of Information Technology	$80
IT50	Master of Information Technology (Professional)	$100
IT35	Graduate Diploma in Information Technology	$80
IT38	Graduate Diploma in Information Technology	$80
IT25	Graduate Diploma in Library and Information Studies	$80
IT18	Graduate Certificate in Information Technology	$100#
IT91	Graduate Certificate in Information Technology (Software Engineering)	$100#
IT92	Graduate Certificate in Information Technology (Information Security)	$100#
IT93	Graduate Certificate in Information Technology (Enterprise Wide Software)	$100#
IT95	Graduate Certificate in Information Technology (Project)	$100#
IT97	Graduate Certificate in Information Technology (Generic)	$100#

Law

	Master of Arts (Justice Studies)	$85
JS51	Master of Arts (Justice Studies) – Intelligence Major	$65
LW51	Master of Laws by Coursework	$85
LP41	Graduate Diploma in Legal Practice	$75
JS25	Graduate Certificate in Legal and Justice Studies	$85#
LW60	Graduate Certificate in Law	$85#

Science

LS80	Master of Applied Science (Life Science)	$75
PH80*	Master of Applied Science (Medical Physics/Medical Ultrasound/Medical Imaging/Radiation Therapy)	$75
PH85	Master of Cardiac Ultrasound (commencing 2002)	$75
LS70*	Graduate Diploma in Biotechnology	$75
LS71*	Graduate Diploma in Diagnostic Technologies	$75
PH71*	Graduate Diploma in Applied Science (Medical Physics/ Medical Ultrasound/Medical Imaging/Radiation Therapy)	$75
PH75	Graduate Diploma in Cardiac Ultrasound (commencing 2002)	$75
PH60*	Graduate Certificate in Applied Science (Medical Imaging/Radiation Therapy/Breast Ultrasound)	$75#

Interfaculty

IF92	Graduate Diploma in Facilities Management	$95
IF91	Graduate Certificate in Facilities Management	$95
IF88	Graduate Certificate in Risk Management	$70#

Fees listed for Graduate Certificate courses (and BS20, AA13, AA14) are for 4 units only

+ Additional charges may apply for short course/distance education units

* Tuition fee paying places offered to students after HECS liable places filled

SCHEDULE 2

VISITING STUDENT FEES

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

	Fee per credit point
• Students enrolled an **undergraduate** or **postgraduate** unit from an existing HECS course.	$75
• Students enrolled in any **undergraduate** unit	$75
• Students enrolled in a **postgraduate** unit offered by the **Faculties of Arts, Education or Health**	$75
• Students enrolled in a **postgraduate** unit offered by the **Faculty of Science**	$85
• Students enrolled in a **postgraduate** unit offered by the **Faculty of Law**	$85
• Students enrolled in a **postgraduate** unit offered by the **Faculty Built Environment and Engineering**	$95
• Students enrolled in a **postgraduate** unit offered by the **Faculty of Business**	$100
• Students enrolled in a **postgraduate** unit offered by the **Faculty of Information Technology**	$80

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
• Review of Pass Grades (refundable): Step 2: school level review	$20
Step 3: faculty level review	$30
• 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)[1], 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.

ELIGIBILITY FOR GRADUATION (LIMITS ON GRADES OF 3)

Faculty of Business

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.

Students enrolled in Faculty of Business postgraduate programs may graduate with grades of 3 in units totalling a maximum of 12 credit points.

Students enrolled in the University Diploma in Business (BS40) may graduate with a maximum of one grade of 3

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 Education (Research)	0
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

- ***Bachelor of Health Science***

PUB553 Professional Experience
PUB521 Health Safety and Environment Practice 1
PUB616 Health Safety and Environment Practice 2
PUB722 Practice in Clinical Dietetics
PUB823 Practice in Community Nutrition
PUB824 Practice in Food Service Management
PUB875 Professional Practice

- ***Bachelor of Health Science (Health Information Management)/Bachelor of Information Technology (Information Management)***

PUB553 Professional Experience

- ***Bachelor of Health Science (Nutrition and Dietetics)/Bachelor of Applied Science (Human Movement Studies)***

PUB823 Practice in Community Nutrition
PUB824 Practice in Food Service Management
PUB875 Professional Practice

- ***Bachelor of Nursing/Bachelor of Health Science (Public Health)***

PUB875 Professional Practice

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

	Teaching Period	Addition Date	Withdrawal date*
Standard First Semester	25 February - 31 May 2002**	8 March 2002	3 May 2002
Standard Second Semester	15 July - 18 October 2002**	26 July 2002	13 September 2002
Multi-Semester	Two or more semesters	8 March 2002 for units commencing in first semester. 26 July for units commencing in second semester.	Census date of semester of enrolment for final component (31 March or 31 August 2002 as appropriate)
International College (QUTIC)	Teaching Period 1: 25 February - 31 May 2002	8 March 2002	3 May 2002
	Teaching Period 2: 25 June - 28 September 2002	5 July 2002	30 August 2002
	Teaching Period 3: 22 October - 1 February 2002	1 November 2002	20 December 2002
Brisbane Graduate School of Business (BGSB)	6 Credit Point Modules Semester 1A: 4 March - 27 April 2002 Semester 1B: 7 May - 22 June 2002 Semester 2A: 15 July - 31 August 2002 Semester 2B: 10 September - 26 October 2002 Semester 3A: 4 November - 21 December 2002 Semester 3B: 6 January - 22 February 2003	 4 March 2002 7 May 2002 15 July 2002 9 September 2002 4 November 2002 6 January 2003	 29 March 2002 31 May 2002 9 August 2002 4 October 2002 29 November 2002 31 January 2003
	12 Credit Point Units 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.		
	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 sex 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 (eg chicken pox, rubella, mumps etc) or who are known to be ill must not be brought on campus.
- The child's presence on campus should not result in disruption to the workplace, including classes and non-teaching areas such as the Library.

Procedures

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

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

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

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

INFORMATION ACCESS AND PRIVACY

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

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

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

The University accepts that the general principles of confidentiality and privacy apply to the use and availability of its records. Where information about a staff member or student includes personal details, that person may quite reasonably expect that the University will maintain confidentiality, except where disclosure is required for legitimate purposes.

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

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

Personal Information

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

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

Collection of Personal Information (Principle 1)

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

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

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

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

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

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

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

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

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

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

- ***Student assessment and publication of results***

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

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

Security of Personal Information (Principle 3)

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

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

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

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

Breach of Policy (Principle 5)

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

DISABILITY SERVICES POLICY

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

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

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

Principles

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

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

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

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 demeans people or groups of people by harassing them, highlighting individual characteristics in an offensive or prejudicial manner, or by excluding them.

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

Responsibilities

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

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

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;

- 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 polices 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

- 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).

Built Environment and Engineering

Overview **43**

Senior Staff **43**

Research Centres **44**

Courses

□ Course Requirements and Notes Relating to Postgraduate Courses 45
■ Master of Applied Science (Research) (BN71) 45
■ Master of Engineering (Research and Thesis) (BN72) 48
■ Master of Built Environment (Urban Design) (BN73) 48
■ Master of Engineering Management (ME76) 49
■ Master of Engineering Science (Civil Engineering Studies) (CE75) 49
■ Master of Engineering Science (Civil) (CE74) 50
■ Master of Engineering Science (Computer and Communication Engineering) (EE76) 50
■ Master of Engineering Science (Electrical Engineering Studies) (EE77) 51
■ Master of Engineering Science (Electricity Supply Engineering) (EE78) 51
■ Master of Engineering Science (Mechanical Engineering Studies) (ME80) 52
■ Master of Landscape Architecture (PS71) 52
■ Master of Project Management (CN77) 52
■ Master of Property Economics (CN92) 53
■ Master of Urban and Regional Planning (PS70) 53
■ Graduate Diploma in Civil Engineering (CE64) 54
■ Graduate Diploma in Computer and Communications Engineering (EE66) 54
■ Graduate Diploma in Electricity Supply Engineering (EE60) 55
■ Graduate Diploma in Geographic Information Systems (PS78) 55
■ Graduate Diploma in Geomatics (PS74) 55
■ Graduate Diploma in Industrial Design (AR61) 56
■ Graduate Diploma in Interior Design (AR62) 56
■ Graduate Diploma in Landscape Architecture (PS66) 56
■ Graduate Diploma in Project Management (CN64) 57
■ Graduate Diploma in Property Economics (CN91) 57
■ Graduate Diploma in Surveying Practice (PS68) 57
■ Graduate Diploma in Urban and Regional Planning (PS72) 58
■ Graduate Diploma in Urban Design (PS69) 58
■ Graduate Certificate in Advanced Landscape Techniques (PS77) 58
■ Graduate Certificate in Building Fire Safety (AR65) 59
■ Graduate Certificate in Built Environment (Healthy Buildings) (AR66) 59
■ Graduate Certificate in Civil Engineering (CE62) 59
■ Graduate Certificate in Computer and Communications Engineering (EE61) 60
■ Graduate Certificate in Designed Environments for Ageing (DB60) 60
■ Graduate Certificate in Electricity Supply Engineering (EE82) 60
■ Graduate Certificate in Engineering Management (ME75) 60
■ Graduate Certificate in Geographic Information Systems (PS79) 61
■ Graduate Certificate in Geomatics (PS73) 61
■ Graduate Certificate in Landscape Design (PS76) 61
■ Graduate Certificate in Landscape Techniques (PS75) 61
■ Graduate Certificate in Planning Studies (PS82) 61
■ Graduate Certificate in Project Management (CN81) 62
■ Graduate Certificate in Property Economics (CN90) 62
□ Course Requirements and Notes Relating to Undergraduate Courses 62
■ Bachelor of Applied Science (Construction Management) (CN51) 65
■ Bachelor of Applied Science (Quantity Surveying) (CN53) 65
■ Bachelor of Architecture (AR48) 67
■ Bachelor of Built Environment (Architectural Studies) (BN31) 68
■ Bachelor of Built Environment (Industrial Design) (BN31) 68
■ Bachelor of Built Environment (Interior Design) (BN31) 68
■ Bachelor of Built Environment (Landscape Architecture) (BN31) 69
■ Bachelor of Built Environment (Urban and Regional Planning) (BN31) 69
■ Bachelor of Engineering - Dean's Scholars Program (CE44, EE41, ME41) 70
■ Bachelor of Engineering (Aerospace Avionics) (EE48) 71

■ Bachelor of Engineering (Civil) (CE44) 72
■ Bachelor of Engineering (Computer Systems) (EE46) 73
■ Bachelor of Engineering (Electrical and Computer Engineering) (EE41) 73
■ Bachelor of Engineering (Engineering Management and Information Systems) (ME43) 75
■ Bachelor of Engineering (Environmental Management) (CE46) 76
■ Bachelor of Engineering (Infomechatronics) (ME40) 76
■ Bachelor of Engineering (Mechanical) (ME41) 77
■ Bachelor of Engineering (Mechanical) Conversion Program from Bachelor of Technology ME36 (ME41) 78
■ Bachelor of Engineering (Medical) (ME48) 78
■ Bachelor of Engineering (Telecommunications) (EE47) 79
■ Bachelor of Property Economics (CN54) 79
■ Bachelor of Surveying (PS47) 80
■ Bachelor of Technology (Mechanical) (ME36) 81
■ Bachelor of Technology (Mechanical) Conversion Program (ME36) 81

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 the construction industry, which is one of Australia's largest employers.

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

The **School of Mechanical, Manufacturing and Medical Engineering** offers a 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 USA*, 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*, MNSc, MAAS, MNY Acad Scie.

Faculty Administration Manager: M. Parker, DipTch *Kedron Park*, BBus(PubAdmin) 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&InfoSys, MRegSc *Qld*, PhD

J.M. Franz, BAppSc(BltEnv) *QIT,* DipTeach *TAFE*, MEducSt *Qld*, PhD *QUT*, MDIA RegTeach (Qld)

P. Heywood, BA(Hons) *Oxf*., DipTP *Manc*., MRTPI, FRAPI, LGP(Qld)

V. Popovic, DipEngArch *Belgrade*, MFA (Industrial Design) *Ill*., PhD *Syd*., FDIA, MHFS, MAES, MDRS

School of Civil Engineering

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

Professors:

D.P. Thambiratnam, BScEng(Hons) *Ceyl*, MSc PhD *Manit*., FICE, FIEAust, FASCE, CPEng

L. Ferreira, BSc Lond MSc *Westminster,* PhD *Leeds*, FIEAust, FCIT

Associate Professors:

M. Mahendran, BScEng(HonsI) *S'Lanka*, PhD *Monash*, MIEAust, CPEng

School of Construction Management and Property

Head: Professor A.C. Sidwell, BSc(Hons) *Heriot-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 A. Maeder, BSc Natal, BSc(Hons) *Witw*., MSc *Natal*, PhD *Monash*, MIEEE, SMIREE, FIEAust, MACM, MACS, CPEng

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 Brad., PhD Syd., FIEAust, MIEE, CEng, CPEng

M. Deriche, DipIng(Elect) Algeria, MSc PhD Minn., MIEEE

School of Mechanical, Manufacturing and Medical Engineering

Head: Professor J. Mathew, BSc(Eng) *Manc*., PhD *Monash*, MIEAust, MAAS, MASME, FIDE(UK)

Professor of Biomedical Engineering: M.J. Pearcy, BSc *Brist*., CEng, CPEng(Biomed) PhD *Strath*.

Associate Professors:

J.M. Bell, BSc(Hons) *Syd*., PhD *UNSW*

D.J. Hargreaves, BEng *QIT*, MSc, PhD *Leeds*, CPEng, FIEAust, MSTLE, MASSCT, Fuchs Chair in Tribology

RESEARCH CENTRES

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*, SMIEE

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. Mahendran, 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

☐ 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) (BN71)

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
- ***Maximum coursework requirement****
  64 credit points
- ***Minimum 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 minimum 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 conjointly with other persons, the Faculty Research Committee shall be advised of the extent of the candidate's contribution to the joint work.
- the thesis shall not contain as its main content any work or material which the candidate has previously submitted for another degree or similar award.
- the thesis may consist primarily of reports, plans and/or documents or may be supported by these if they have a bearing on the subject of the thesis. Other supporting documents such as published papers may also be submitted with the thesis.
- the thesis shall contain an abstract of not more than 300 words.

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

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

7.7 Where a candidate 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, 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 Pearcy.

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
MEN280 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

The flexible Master of Engineering Science (Civil 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 Civil 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 Civil Engineering. The final component requires enrolment in a Civil Engineering Project (equivalent to 24 credit points) (Band 3).

Course Structure

Full-time Course Structure

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

Band 1 - Semester 1
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.

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

EEP201 Fundamentals of Power System Earthing
EEP202 Thermal Ratings and Heat Transfer
EEP203 Testing and Condition Monitoring
EEP204 Power System Load Flow Analysis
EEP205 Power System Fault Calculations
EEP206 Project Management
EEP208 Economic Analysis For Power System Engineers
EEP209 Power System Harmonics
EEP210 Abnormal System Voltages
EEP211 Basic Power System Protection
EEP213 Statistics
EEP218 Introduction to Automated System Control and Supervisory Systems
EEP219 High Voltage Substation Equipment: Power Transformers and Reactive Power Plant
EEP240 Organisation and Financial Management 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

■ 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 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
2 Electives
Year 3, Semester 1
CNN442-1 Dissertation
Year 3, Semester 2
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
CNN442 Dissertation

Full-time Course Structure
Investment major
Year 1, Semester 1
CNP547 Property Investment
CNP555 Property Market Analysis
CNP556 Property Management and Contracts
EFN406 Managerial Finance
Year 1, Semester 2
CNP554 Advanced Land Development
CNP557 Property Portfolio Analysis
Two Electives
Year 2, Semester 1
CNN442 Dissertation

Part-time Course Structure
Development major
Year 1, Semester 1
CNP547 Property Investment
CNP555 Property Market Analysis
Year 1, Semester 2
CNP545 Project Development
CNP554 Advanced Land Development
Year 2, Semester 1
CNP520 Project Management
CNP521 Project Cost and Risk Management
Year 2, Semester 2
Two Electives
Year 3, Semester 1
CNN442/1 Dissertation
Year 3, Semester 2
CNN442/2 Dissertation

Part-time Course Structure
Investment major
Year 1, Semester 1
CNP547 Property Investment
CNP555 Property Market Analysis
Year 1, Semester 2
CNP554 Advanced Land Development
CNP557 Property Portfolio Analysis
Year 2, Semester 1
CNP556 Property Management and Contracts
EFN406 Managerial Finance
Year 2, Semester 2
Two Electives
Year 3, Semester 1
CNN442/1 Dissertation
Year 3, Semester 2
CNN442/2 Dissertation

■ Master of Urban and Regional Planning (PS70)

Award title: Master of Urban and Regional Planning
CRICOS code: 020299K
Location: Gardens Point
Course duration (full-time): 1.5 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
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
Chosen from other courses or offered by U&RP
DBP417 Comparative Planning

Specialization & Research Studies

Semester 5
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
DBP404 Economic and Social Foundations of Planning
DBP409 Urban Planning Practice

Semester 4
DBP406 Computer Applications in Planning
DBP407 Environmental Planning and Management

Semester 5
DBP410 Research Methods in Planning
DBP412 Planning Theory and Ethics

Semester 6
DBP413 Regional Planning Practice
DBP414 Regional and Metropolitan Policy

Semester 7
DBP411 Community Planning
DBP501 Specialisation

Semester 8
DBP415 Professional Practice Or Research Project
DBP416 Elective
Chosen from other courses or offered by U&RP

Semester 9
DBP502 Professional Practice Or Research Dissertation
DBP503 Masters Seminar

Part-time Study options - for full details contact the course coordinator

■ 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.

Course Structure

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

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 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

EEP201 Fundamentals of Power System Earthing
EEP202 Thermal Ratings and Heat Transfer
EEP203 Testing and Condition Monitoring
EEP204 Power System Load Flow Analysis
EEP205 Power System Fault Calculations
EEP206 Project Management
EEP208 Economic Analysis For Power System Engineers
EEP209 Power System Harmonics
EEP210 Abnormal System Voltages
EEP211 Basic Power System Protection
EEP213 Statistics
EEP218 Introduction to Automated System Control and Supervisory Systems
EEP219 High Voltage Substation Equipment: Power Transformers and Reactive Power Plant
EEP240 Organisation and Financial Management 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 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
PSB432 History of Built Environment
PSB612 Spatial And Land Information Management
PSB630 Cartography And Digital Mapping
PSB643 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
PSB632 Photogrammetry
PSB633 Map Production: Principles And Practice
PSB644 Advanced Geodesy
PSB655 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
PSB631 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
CNP547 Property Investment
CNP555 Property Market Analysis
Year 1, Semester 2
CNP545 Project Development
CNP554 Advanced Land Development
Two Electives

Full-time Course Structure - Investment major
Year 1, Semester 1
CNP547 Property Investment
CNP555 Property Market Analysis
CNP556 Property Management and Contracts
EFN406 Managerial Finance
Year 1, Semester 2
CNP554 Advanced Land Development
CNP557 Property Portfolio Analysis
Two Electives

Part-time Course Structure - Development major
Year 1, Semester 1
CNP547 Property Investment
CNP555 Property Market Analysis
Year 1, Semester 2
CNP545 Project Development
CNP554 Advanced Land Development
Year 2, Semester 1
CNP520 Project Management
CNP521 Project Cost and Risk Management
Year 2, Semester 2
Two Electives

Part-time Course Structure - Investment major
Year 1, Semester 1
CNP547 Property Investment
CNP555 Property Market Analysis
Year 1, Semester 2
CNP554 Advanced Land 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 Built Environment (Urban and Regional Planning) graduates or equivalent; 2 years plus 1 year part-time (Other graduates)
Course duration (part-time): 3 years Built Environment (Urban and Regional Planning) graduates; 5 years (Other graduates)
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
Chosen from other courses or offered by U&RP
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
ARB082 Urban Design Studio B
PSP453 Urban Systems and The Physical Environment
Year 1, Semester 2
PSN214 Elective
OR
PSN211 Research Project 1
PSP452 Urban Design Studio A
PSP451 Production and Use of The Built Environment

Part-time Structure
Year 1, Semester 1
ARB081 History, Theory and Criticism of Urban Design
PSP453 Urban Systems and The Physical Environment
Year 1, Semester 2
PSP452 Urban Design Studio A
PSP451 Production and Use of The Built Environment
Year 2, Semester 1
ARB082 Urban Design Studio B
PSN214 Elective
OR
PSN211 Research Project 1

■ Graduate Certificate in Advanced Landscape Techniques (PS77)

Award title: Graduate Certificate in Advanced Landscape Techniques
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
ARB801and 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

Transport Engineering Strand
Semester 2
CEP216 Advanced Traffic Engineering
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
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
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
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

Semester 2
MEN170 Systems Modelling And Simulation
MEN172 Cost Analysis And Asset Management
MEN175 Energy And Environmental Management
MEN272 Enterprise Resource Planning

■ 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
PSP326 GIS And GPS
Choose 1 elective

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
PSB432 History of Built Environment
PSB612 Spatial And Land Information Management
PSB630 Cartography And Digital Mapping
PSB643 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
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: 036436G
Location: Gardens Point
Course duration (full-time): 1 semester
Course duration (part-time): 2 semesters
Total credit points: 48
Course coordinator: Dr John Hayes

Course Structure

Semester 1
PSP311 Professional Practice Management
PSP316 Survey Computing And Processing

Electives
PSP314 Boundary Definition Surveys 1
PSP317 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 O'Hare

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
PSN221 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 deemed 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 Structure

In the Graduate Certificate and Graduate Diploma courses, students complete coursework units from the Masters degree with a range of elective options available.
The full-time Graduate Certificate can only be completed in Semester 1 of any year.
Students who commence mid-year should enrol in Semester 2 units.

Full-time Course Structure - Development major
Year 1, Semester 1
CNP547 Property Investment
CNP555 Property Market Analysis
CNP520 Project Management
CNP521 Project Cost And Risk Management

Full-time Course Structure - Investment major
Year 1, Semester 1
CNP547 Property Investment
CNP555 Property Market Analysis
CNP556 Property Management And Contracts
EFN406 Managerial Finance

Part-time Course Structure - Development major
Year 1, Semester 1
CNP547 Property Investment
CNP555 Property Market Analysis
Year 1, Semester 2
CNP554 Advanced Land Development
CNP545 Project Development

Part-time Course Structure - Investment major
Year 1, Semester 1
CNP547 Property Investment
CNP555 Property Market Analysis
Year 1, Semester 2
CNP557 Property Portfolio Analysis
CNP554 Advanced Land Development

□ Course Requirements and Notes Relating to Undergraduate Courses

Course Progression

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

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 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 accredited to ADB796 Practice Experience B, before commencing Year Four.
- Candidates who had previously been studying part-time and who have satisfied ADB795 Practice Experience A, may apply in ADB796 Practice Experience B for credit of a maximum of 36 weeks of work experience accrued in the first three years which is in addition to that credited to ADB795 Practice Experience A.

Types of Experience
Types of experience required:

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

■ Bachelor of Applied Science (Construction Management) (CN51)

Award title: Bachelor of Applied Science (Construction Management)
CRICOS code: 006363B
Location: Gardens Point
Course duration (full-time): 4 years or 5.5 years flexible
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
Note A Elective
Year 4, Semester 2
CNB410 Development Processes
CNB423 Professional Practice 2
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
CNB105 Surveying And Data Analysis
CNB201 Construction 3
CNB202 Building Technology 3
Year 2, Semester 2
CNB109 Professional Studies 1
CNB227 Applied Computing
CNB206 Law 1
Year 3, Semester 1
CNB203 Building Services
CNB204 Measurement 2
CNB302 Contract Administration
Year 3, Semester 2
CNB207 Professional Studies 2
CNB208 Construction Business Management 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
Year 5, Semester 1
CNB407 Professional Investigation And Reporting
CNB409 Professional Practice 1
Note A Elective
Year 5, Semester 2
CNB410 Development Processes
CNB423 Professional Practice 2
Note C Elective
Year 6, Semester 1
CNB402 Investment Theory
Note B Elective

■ 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

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
CNB120 Economics For The Construction Industry
CNB109 Professional Studies 1
CNB110 Measurement 1
Year 2, Semester 1
CNB201 Construction 3
CNB209 The Environment And The Quantity Surveyor
CNB204 Measurement 2
CNB203 Building Services
Year 2, Semester 2
CNB227 Applied Computing
CNB207 Professional Studies 2
CNB206 Law 1
CNB208 Construction Business Management 1
Year 3, Semester 1
CNB302 Contract Administration
CNB303 Construction Business Management 2
CNB335 Time Management
CNB305 Construction Estimating
Year 3, Semester 2
CNB308 Professional Studies 3
CNB307 Building Economics And Cost Management
CNB309 Law 2
CNB310 Measurement 3
Year 4, 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

Course Structure - Flexible Mode

Year 1- Semester 1
CNB101 Construction 1
CNB102 Building Technology 1
CNB106 Technical Communications
Year 1, Semester 2
CNB107 Construction 2
CNB120 Economics For The Construction Industry
CNB110 Measurement 1
Year 2, Semester 1
CNB105 Surveying And Data Analysis
CNB201 Construction 3
CNB209 The Environment And The Quantity Surveyor
Year 2, Semester 2
CNB109 Professional Studies 1
CNB227 Applied Computing
CNB206 Law 1
Year 3, Semester 1
CNB203 Building Services
CNB204 Measurement 2
CNB302 Contract Administration
Year 3, Semester 2
CNB207 Professional Studies 2
CNB208 Construction Business Management 1
CNB309 Law 2
Year 4- Semester 1
CNB303 Construction Business Management 2
CNB335 Time Management
CNB305 Construction Estimating
Year 4, Semester 2
CNB310 Measurement 3
CNB307 Building Economics And Cost Management
CNB308 Professional Studies 3
Year 5, Semester 1
CNB407 Professional Investigation And Reporting
CNB409 Professional Practice 1
Note A Elective
Year 5, Semester 2
CNB410 Development Processes
CNB423 Professional Practice 2
Note C Elective
Year 6, Semester 1
CNB402 Investment Theory
Note B Elective

Course Structure Mid-year July Entry with one semester of Advanced Standing

Year 1- Semester 2
CNB107 Construction 2
CNB120 Economics For The Construction Industry
CNB109 Professional Studies 1
CNB110 Measurement 1
Year 1, Semester 1
CNB201 Construction 3
CNB203 Building Services
CNB204 Measurement 2
CNB209 The Environment And The Quantity Surveyor
Year 2, Semester 2
CNB227 Applied Computing
CNB206 Law 1
CNB207 Professional Studies 2
CNB208 Construction Business Management 1
Year 2 -Semester 1
CNB302 Contract Administration
CNB303 Construction Business Management 2
CNB335 Time Management
CNB305 Construction Estimating
Year 3- Semester 2
CNB307 Building Economics And Cost Management
CNB308 Professional Studies 3
CNB309 Law 2

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

Course Structure-Standard full-time with 4 Semesters of Advanced Standing and Summer Program

Year 1, Semester 2
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
CNB305 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 - Flexible (Accelerated) f/t - 4 Semesters of Advanced Standing and Summer Program

Year 1, Semester 2 (off-shore)
CNB409 Professional Practice 1
Year 1- Summer Program
CNB302 Contract Administration
CNB303 Construction Business Management 2
CNB335 Time Management
CNB305 Construction Estimating
CNB423 Professional Practice 2
Year 2, Semester 1
CNB307 Building Economics And Cost Management
CNB310 Measurement 3
CNB402 Investment Theory
CNB407 Professional Investigation And Reporting
Note A Elective
Year 2, Semester 2
CNB308 Professional Studies 3
CNB309 Law 2
CNB410 Development Processes
Note B Elective
Note C Elective

■ 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.

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
ADB913 Human Environment 3
ADB024 Technology And Science 4
Year 3, Semester 2
ADB006 Architectural Design 6
ADB012 Contextual Studies 2
ADB795 Practice Experience A
Year 4, Semester 1
ADB007 Architectural Design 7
ADB013 Contextual Studies 3
ADB025 Technology And Science 5
Year 4, Semester 2
ADB008 Architectural Design 8
ADB026 Technology And Science 6
ADB031 Professional Studies 1
Year 5, Semester 1
ADB009 Architectural Design 9
ADB932 Professional Studies 2
Year 5, Semester 2
ADB014 Contextual Studies 4
ADB051 Architectural Research 1
ADB943 Elective 3
Year 6, Semester 1
ADB067 Elective Architectural Applications
ADB052 Architectural Research 2
ADB944 Elective 4
Year 6, Semester 2
ADB053 Architectural Project
ADB033 Professional Studies 3
ADB796 Practice Experience B

■ 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 (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.

Minors

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

Course Structure

Year 1, Semester 1
ADB911 Human Environment 1
ADB201 Introductory Industrial Design 1
ADB921 Technology And Science Foundation
ADB241 Industrial Design Applications
Year 1,Semester 2
ADB212 Ergonomics For Industrial Designers
ADB931 Introduction to History, Theory And Criticism
ADB202 Introductory Industrial Design 2
ADB232 Design Technology And Society
Year 2, Semester 1
ADB912 Human Environment 2
ADB203 Industrial Design 1
ADB233 Manufacturing Technology 1
ADB941 Elective 1
Year 2, Semester 2
ADB224 Industrial Design History Theory And Criticism 1
ADB204 Industrial Design 2
ADB234 Manufacturing Technology 2
ADB244 Computer Aided Industrial Design 1
Year 3, Semester 1
ADB913 Human Environment 3
ADB205 Industrial Design 3
ADB235 Manufacturing Technology 3
ADB245 Computer Aided Industrial Design 2
Year 3, Semester 2
ADB226 Industrial Design History Theory And Criticism 2
ADB206 Industrial Design 4
ADB236 Manufacturing Technology 4
ADB942 Elective 2

■ Bachelor of Built Environment (Interior Design) (BN31)

Award title: Bachelor of Built Environment (Interior Design)
CRICOS code: 003507D
Location: Gardens Point
Course duration (full-time): 3 Years
Total credit points: 288
Standard credit points per semester (full-time): 48
Course coordinator: 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
ADB151 Drawing as Communication
Year 1, Semester 2
ADB102 Interior Design 2
ADB122 Interior Technology 1

ADB931 Introduction to History, Theory And Criticism
ADB152 Light And Colour Studies
Year 2, Semester 1
ADB103 Interior Design 3
ADB912 Human Environment 2
ADB123 Interior Technology 2
ADB941 Elective 1
Year 2, Semester 2
ADB104 Interior Design 4
ADB124 Interior Technology 3
ADB132 Design in Society 1
ADB153 Material Studies
Year 3, Semester 1
ADB105 Interior Design 5
ADB913 Human Environment 3
ADB125 Interior Technology 4
ADB133 Design in Society 2
Year 3, Semester 2
ADB106 Interior Design 6
ADB125 Interior Technology 4
ADB154 Furniture Studies
ADB942 Elective 2

■ Bachelor of Built Environment (Landscape Architecture) (BN31)

Award title: Bachelor of Built Environment (Landscape Architecture)
CRICOS code: 003507D
Location: Gardens Point
Course duration (full-time): 3 Years
Total credit points: 288
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
PSB445 Infrastructure Planning
PSB611 Introduction to Urban And Regional Economics
Year 3, Semester 1
PSB451 Planning/Landscape Design 5
PSB452 Professional Skills 2
PSB453 Elective 1
PSB610 Government And Law
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 accept an offer 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
MMB131 Engineering Materials
CEB213 Environmental Science
MAB131 Engineering Mathematics 1A
or
MAB180 Engineering Mathematics 1
MAB180 is to taken by those who have not passed Maths C

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 maybe minor variations in the program asCEB209 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 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
MMB131 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
EEB684 Advanced Design
EEB640 Digital Signal Processing
or
EE650 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 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
MMB211 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
Group B Elective
Year 3, Semester 1
MMB311 Mechanics 3
MMB352 Fluid Mechanics
MMB381 Design of Mechanical Components And Machines
Group B Elective
Year 3, Semester 2
MMB351 Thermodynamics
MMB382 Design And Maintenance of Machinery
Group A elective
Master of Engineering Science unit
Year 3, Summer Program
MEN101 Research Methodology
Master of Engineering Science unit
Master of Engineering Science unit
Year 4, Semester 1
MMB401/1 Project
MMB401/2 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
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
EEB760 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 to consult with School Administration 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
EEB213 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
Year 1, Semester 1
CEB109 Engineering Mechanics 1
EEB112 Electrical And Computer Engineering 1
MAB180 Engineering Mathematics 1
OR
MAB131 Engineering Mathematics 1A
PCB136 Engineering Physics 1C
Year 1, Semester 2
BNB007 Professional Studies 1
EEB212 Electrical And Computer Engineering 2
MAB132 Engineering Mathematics 1B
MMB131 Engineering Materials
Year 2, Semester 1
EEB311 Electrical Measurement And Machines
EEB312 Analog And Digital Electronics
EEB340 Introduction to Telecommunications
MAB134 Electrical Engineering Mathematics 3
Year 2, Semester 2
EEB411 Classical Control And Power 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
Year 3, Semester 2
EEB612 Software Systems Design
EEB641 Fields Transmission And Propagation
EEB684 Advanced Design
Select one of:
EEB640 Digital Signal Processing
or
EEB650 Power Systems Analysis
Year 4, Semester 1
EEB781 Professional Studies 2
EEB889/1 Project
Elective Unit 1
Elective Unit 2
Year 4, Semester 2
EEB889/2 Project
General Elective
Elective Unit 3
Elective Unit 4

Students in this course must complete 60 days industrial experience before graduating.

Industry Cooperative Education Program
At the commencement of Year 3, Semester 1, eligible students may be invited to apply for a place in the Industry Cooperative Education Program. (See Course Structure.)

Electives
EEB904 Advanced Topics in Electrical Engineering A
EEB905 Advanced Topics in Electrical Engineering B
EEB911 Electrical Energy Systems
EEB941 Modern Signal Processing
EEB960 Wireless Communications
EEB961 RF And Applied Electromagnetics
EEB976 Advanced Industrial Electronics
EEB992 VLSI Circuits And Systems

Course Structure - EE42-Mid-year entry
Semester 1 (July)
BNB007 Professional Studies 1
CEB109 Engineering Mechanics 1
EEB112 Electrical And Computer Engineering 1
MAB180 Engineering Mathematics 1
OR
MAB131 Engineering Mathematics 1A
PCB136 Engineering Physics 1C
Semester 2 - Summer Program
EEB212 Electrical And Computer Engineering 2
MAB132 Engineering Mathematics 1B
Semester 3
EEB311 Electrical Measurement And Machines
EEB312 Analog And Digital Electronics
EEB340 Introduction to Telecommunications
MAB134 Electrical Engineering Mathematics 3
MMB131 Engineering Materials
Semester 4
EEB411 Classical Control And Power Generation
EEB412 Advanced Electronics And Embedded Systems
EEB440 Classical Signal Processing
MAB135 Electrical Engineering Mathematics 4
Semester 5
EEB511 Modern Control And Power Electronics
EEB512 Industrial Electronics And Digital Design
EEB560 Digital Communications
EEB584 Introduction to Design
Semester 6
EEB612 Software Systems Design
EEB641 Fields Transmission And Propagation
EEB684 Advanced Design
Select one of:
EEB640 Digital Signal Processing
EEB650 Power Systems Analysis
Semester 7
EEB781 Professional Studies 2
EEB889/1 Project
Elective 1
Elective 2
Semester 8
EEB889/2 Project
Elective 3
Elective 4
General Elective

Students must complete 60 days Industrial Experience before Graduation

Electives
EEB904 Advanced Topics in Electrical Engineering A
EEB905 Advanced Topics in Electrical Engineering B
EEB911 Electrical Energy Systems
EEB941 Modern Signal Processing

EEB960 Wireless Communications
EEB961 RF And Applied Electromagnetics
EEB976 Advanced Industrial Electronics
EEB992 VLSI Circuits And Systems

Course Structure - Industry Cooperative Education Program

Year 3, Semester 1
EEB511 Modern Control And Power Electronics
EEB512 Industrial Electronics And Digital Design
EEB560 Digital Communications
EEB584 Introduction to Design
EEB641 Fields Transmission And Propagation
Year 3, Semester 2
EEB686 Industry Practice
EEB640 Digital Signal Processing
or
EEB650 Power Systems Analysis
Year 4, Semester 1
EEB781 Professional Studies 2
EEB889/1 Project
Elective Unit 1
Elective Unit 2
Year 4, Semester 2
EEB612 Software Systems Design
EEB889-2 Project
Elective Unit 3
Elective Unit 4

Course Structure - Part-time

Year 1, Semester 1
EEB112 Electrical And Computer Engineering 1
MAB180 Engineering Mathematics 1
or
MAB131 Engineering Mathematics 1A
Year 1, Semester 2
BNB007 Professional Studies 1
MMB131 Engineering Materials
Year 2, Semester 1
CEB109 Engineering Mechanics 1
PCB136 Engineering Physics 1C
Year 2, Semester 2
EEB212 Electrical And Computer Engineering 2
MAB132 Engineering Mathematics 1B
Year 3, Semester 1
EEB311 Electrical Measurement And Machines
EEB312 Analog And Digital Electronics
Year 3, Semester 2
EEB411 Classical Control And Power Generation
EEB412 Advanced Electronics And Embedded Systems
Year 4, Semester 1
EEB340 Introduction to Telecommunications
MAB134 Electrical Engineering Mathematics 3
Year 4, Semester 2
EEB440 Classical Signal Processing
MAB135 Electrical Engineering Mathematics 4
Year 5, Semester 1
EEB511 Modern Control And Power Electronics
EEB512 Industrial Electronics And Digital Design
Year 5, Semester 2
EEB612 Software Systems Design
EEB641 Fields Transmission And Propagation
Year 6, Semester 1
EEB560 Digital Communications
EEB584 Introduction to Design
Year 6, Semester 2
EEB684 Advanced Design
Select one of:
EEB640 Digital Signal Processing
EEB650 Power Systems Analysis
Year 7, Semester 1
Elective Unit 1
Elective Unit 2
Year 7, Semester 2
Elective Unit 3
Elective Unit 4
Year 8, Semester 1
EEB781 Professional Studies 2
EEB889-1 Project
Year 8, Semester 2
EEB889-2 Project
General Elective

Students must obtain at least 60 days of industrial experience in an engineering environment approved by the course coordinator.

Electives
Refer to elective list under Full-time Course Structure.

■ Bachelor of Engineering (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 coordinator: Dr Lin Ma (interim)

Minors

Subject to the approval for the course coordinator, students maybe able to choose a minor area of study. A minor is a collection of 4 units from one study area and totals 48 credit points Students may choose from the list available for the Faculty Office.

Articulation to Masters of Engineering

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 Management degree then enrol in the Master of Engineering Management with the two completed units credited towards the Masters program. Successful completion will lead to a Master of Engineering Management and a Bachelor degree.

Course Structure

Year 1, Semester 1
CEB109 Engineering Mechanics 1
MMB131 Engineering Materials
PCB136 Engineering Physics 1C
MAB131 Engineering Mathematics 1A
or
MAB180 Engineering Mathematics 1
Year 1, Semester 2
BNB007 Professional Studies 1
EEB112 Electrical And Computer Engineering 1
MAB132 Engineering Mathematics 1B
MMB112 Dynamics
Year 2, Semester 1
EEB220 Electrical Engineering 2m
MMB281 Fundamentals of Mechanical Design
MAB133 Engineering Mathematics 2
MMB211 Mechanics 1
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
MMB375 Industrial Engineering
ITB221 3GL Systems
Year 3, Semester 2
MMB476 Operations Management
ITB827 Fundamentals of Enterprise Systems
MMB376 Professional Practice II
Elective
Year 4, Semester 1
MMB473 Professional Practice III
3 Electives
Year 4, Semester 2
MMB400 Industry Project

OR
MMB401 Project (Part 1 and 2)

Students must complete 60 days industrial experience before graduating

■ 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
MMB131 Engineering Materials
MAB180 Engineering Mathematics 1
or
MAB131 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
PSP501 Environmental Planning And Assessment

Semester 2
CEB415 Thesis Project B
CEB417 Environmental Professional Studies
PSP453 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
MMB112 Dynamics

Year 2, Semester 1
EEB312 Analog And Digital Electronics
ITB411 Software Development 2
MAB134 Electrical Engineering Mathematics 3

MMB131 Engineering Materials
Year 2, Semester 2
EEB412 Advanced Electronics And Embedded Systems
MAB135 Electrical Engineering Mathematics 4
MMB252 Thermofluids
MMB476 Operations Management
Year 3, Semester 1
EEB311 Electrical Measurement And Machines
MMB211 Mechanics 1
MMB371 Manufacturing Processes
Elective
Year 3, Semester 2
EEB411 Classical Control And Power Generation
ITB427 Concurrent And Distributed Systems
MMB212 Mechanics 2
MMB374 Design For Manufacturing 1
Year 4, Semester 1
EEB521 Digital Systems And Control
ITB847 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: 384
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
EEB112 Electrical And Computer Engineering 1
MAB132 Engineering Mathematics 1B
MMB112 Dynamics
Year 2, Semester 1
EEB220 Electrical Engineering 2m
MAB133 Engineering Mathematics 2
MMB211 Mechanics 1
MMB281 Fundamentals of Mechanical Design
Year 2, Semester 2
MAB136 Engineering Statistics
MMB212 Mechanics 2
MMB232 Materials Technology
MMB252 Thermofluids
Year 3, Semester 1
MMB311 Mechanics 3
MMB352 Fluid Mechanics
MMB371 Manufacturing Processes
MMB381 Design of Mechanical Components And Machines
Year 3, Semester 2
MGB007 Engineering Management
MMB351 Thermodynamics
MMB382 Design And Maintenance of Machinery
Elective from Group A
Year 4, Semesters 1 and 2
Option 1
MMB400 Industry Project
3 electives from Group B and 1 elective from Group C
Option 2
MMB401 Project (Parts 1 and 2)
3 electives from Group B and 1 elective from Group C

Students in this course must complete 60 days industrial experience before graduating.

Electives - Group A
MMB412 Finite Element Analysis
MMB430 Advanced Materials
MMB450 Air Conditioning

Electives - Group B
MMB411 Advanced Automatic Control
MMB413 Industrial Noise And Vibrations
MMB451 Energy Management
MMB461 Process Systems Design
MMB471 Computer Integrated Manufacturing
MMB472 Design For Manufacturing 2
Any unit from another Faculty approved by the Course Coordinator.

Electives - Group C
MMB470 Engineering Asset Management And Maintenance
or
MMB476 Operations Management
or
Any Management unit approved by the Course Coordinator.

Not all elective units are available in both semesters.

ME42 B Engineering (Mechanical) Mid-year entry

Year 1, Semester 2
BNB007 Professional Studies 1
CEB109 Engineering Mechanics 1
PCB136 Engineering Physics 1C
MAB131 Engineering Mathematics 1A
OR
MAB180 Engineering Mathematics 1
Year 1, Summer Program
MAB132 Engineering Mathematics 1B
MMB112 Dynamics
Year 2, Semester 1
MAB133 Engineering Mathematics 2
MMB131 Engineering Materials

MMB211 Mechanics 1
MMB281 Fundamentals of Mechanical Design
Year 2, Semester 2
EEB112 Electrical And Computer Engineering 1
MAB136 Engineering Statistics
MMB212 Mechanics 2
MMB232 Materials Technology
MMB252 Thermofluids
Year 3, Semester 1
EEB220 Electrical Engineering 2m
MMB311 Mechanics 3
MMB352 Fluid Mechanics
MMB371 Manufacturing Processes
MMB381 Design of Mechanical Components And Machines
Year 3, Semester 2
MGB007 Engineering Management
MMB351 Thermodynamics
MMB382 Design And Maintenance of Machinery
Group A Elective
Year 4, Semester 1or 2 Option 1
MMB400 Industry Project
3 Group B Electives
1 Group C Elective
Year 4, Semester 1or 2 Option 2
MMB401 Project (Parts 1 and 2)
3 Group B Electives
1 Group C Elective

Group A Electives
MMB412 Finite Element Analysis
MMB430 Advanced Materials
MMB450 Air Conditioning

Group B Electives
MMB411 Advanced Automatic Control
MMB413 Industrial Noise And Vibrations
MMB451 Energy Management
MMB461 Process Systems Design
MMB471 Computer Integrated Manufacturing
MMB472 Design For Manufacturing 2
Any unit approved by the Course Coordinator.

Group C Electives
MMB470 Engineering Asset Management And Maintenance
MMB476 Operations Management
Any management unit approved by the Course Coordinator.

■ Bachelor of Engineering (Mechanical) Conversion Program from Bachelor of Technology ME36 (ME41)

Location: Gardens Point
Course duration (full-time): 1.5 years
Total credit points: 144
Course coordinator: Dr Peter Ridley

Professional Recognition

This degree is recognised for the purpose of membership of The Institution of Engineers, Australia. It is professionally recognised by the Hong Kong Institution of Engineers, the UK Institution of Mechanical Engineers, the Institution of Professional Engineers, New Zealand, and the Institution of Engineers, Ireland. Graduates meet the requirements for membership of the Singapore Professional Engineers Board, and the Lembaga Jurutera (Board of Engineers) Malaysia. The course is also accredited by the Indonesian Directorate of Higher Education as equivalent to the appropriate Indonesian degree.

Course Structure

Year 1, Semester 1
MAB133 Engineering Mathematics 2
MMB311 Mechanics 3
MMB352 Fluid Mechanics
MMB381 Design of Mechanical Components And Machines
Year 1, Semester 2
MAB136 Engineering Statistics
MMB351 Thermodynamics
MMB382 Design And Maintenance of Machinery
1 Elective
Year 2, Semester 1
MMB400 Industry Project
OR
MMB401 Internal Project (Part 1)
MMB401 Internal Project (Part 2)

■ Bachelor of Engineering (Medical) (ME48)

Award title: Bachelor of Engineering (Medical)
CRICOS code: 003490G
Location: Gardens Point
Course duration (full-time): 4 Years
Total credit points: 384
Course coordinator: Dr Timothy Barker

Professional Recognition

This course is accredited by The Institution of Engineers, Australia (IEAust). Graduates are eligible to be graduate members of IEAust and fulfil 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
MMB191 Introduction to Engineering in The Medical Environment
PCB136 Engineering Physics 1C
MAB180 Engineering Mathematics 1
or
MAB131 Engineering Mathematics 1A
Year 1, Semester 2
CEB109 Engineering Mechanics 1
MAB132 Engineering Mathematics 1B
MMB112 Dynamics
MMB131 Engineering Materials
Year 2, Semester 1
HMB274 Functional Anatomy
MAB133 Engineering Mathematics 2
MMB211 Mechanics 1
MMB281 Fundamentals of Mechanical Design
Year 2, Semester 2
EEB112 Electrical And Computer Engineering 1
MAB136 Engineering Statistics
MMB252 Thermofluids
MMB292 Biomaterials
Year 3, Semester 1
EEB220 Electrical Engineering 2m
MMB311 Mechanics 3
MMB371 Manufacturing Processes
MMB391 Biomechanical Engineering Systems
Year 3, Semester 2
MGB007 Engineering Management
MMB362 Biofluids
MMB392 Bioengineering Design 2
PCB605 Biomedical Instrumentation
Year 4, Semester 1
MMB409/1 Project
MMB470 Engineering Asset Management And Maintenance
Elective from list A
Year 4, Semester 2
MMB409/2 Project

MMB492 Health Legislation And The Medical Environment
Elective from list B

Elective List A
MMB411 Advanced Automatic Control
MMB494 Rehabilitation Equipment Design And Evaluation
PUB112 Workplace Health And Safety
Any other elective approved by the Course Coordinator.

Elective List B
MMB412 Finite Element Analysis
MMB496 Modelling And Simulation For Medical Engineers
PCB805 Medical Imaging & Image Processing
Any other elective approved by the Course Coordinator.

■ Bachelor of Engineering (Telecommunications) (EE47)

Award title: Bachelor of Engineering (Telecommunications)
CRICOS code: 040308D
Location: Gardens Point
Course duration (full-time): 4 years
Total credit points: 384

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

Other Requirements
Students must complete at least 12 weeks of industrial experience in order 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
EEB213 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
ITB510 Data Communications
MAB134 Electrical Engineering Mathematics 3
Year 2, Semester 2
BNB007 Professional Studies 1
EEB412 Advanced Electronics And Embedded Systems
EEB440 Classical Signal Processing
MAB135 Electrical Engineering Mathematics 4
Year 3, Semester 1
EEB560 Digital Communications
EEB584 Introduction to Design
ITB421 Software Development 3
ITB524 Internetworking
Year 3, Semester 2
EEB640 Digital Signal Processing
EEB641 Fields Transmission And Propagation
EEB684 Advanced Design
ITB527 Network Technologies
Year 4, Semester 1
EEB766 Communication Technologies
EEB781 Professional Studies 2
EEB889/1 Project
Elective unit 1
Year 4, Semester 2
EEB889/2 Project
EEB960 Wireless Communications
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.

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
CNB490/1 Research Dissertation
CNB490/2 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

■ 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

Year 1, Semester 1
MAB100 Mathematical Sciences 1A
PSB412 Computer Skills
PSB414 Professional Skills 1
PSB424 Land Science
Year 1, Semester 2
DBB646 Surveying Computations
PCB172 Physics For Surveyors
PSB422 Environmental Science
PSB640 Surveying
Year 2, Semester 1
MAB137 Surveying Mathematics 1
PSB610 Government And Law
PSB620 Cadastral Surveying And Mapping
PSB630 Cartography And Digital Mapping
Year 2, Semester 2
MAB730 Surveying Mathematics 2
PSB611 Introduction to Urban And Regional Economics
PSB631 Geographic Information Systems 1
PSB641 Engineering Surveying
Year 3, Semester 1
CEB259 Engineering Design For Land Development
PSB612 Spatial And Land Information Management
PSB642 Control Surveying And Analysis
Elective
Year 3, Semester 2
PSB613 Land Development Principles And Policies
PSB632 Photogrammetry
PSB643 Geodesy
Elective
Year 4, Semester 1
PSB614 Urban And Rural Design Principles
PSB633 Map Production: Principles And Practice
PSB644 Advanced Geodesy
Elective
Year 4, Semester 2
PSB615 Urban And Rural Design Practice
PSB621 Advanced Cadastral Surveying
PSB645 Surveying And Mapping Practice
Elective

Students in this course must complete 90 days industrial experience before graduating.

List of Approved Electives
Year 3, Semester 1
PSB655 Remote Sensing
Year 3, Semester 2
PSB652 Topics in Land Administration
Year 4, Semester 1
PSB655 Remote Sensing
PSB654 Topics in Geographic Information Systems
PSB650 Project 1

Year 4, Semester 2
PSB652 Topics in Land Administration
PSB653 Topics in Surveying Engineering
PSB651 Project 2

Course Structure PS48 B Surveying Mid-year Entry

Year 1, Semester 1
MAB100 Mathematical Sciences 1A
PCB172 Physics For Surveyors
DBB646 Surveying Computations
PSB424 Land Science
Year 1, Summer Program
PSB640 Surveying
Year 2, Semester 1
MAB137 Surveying Mathematics 1
PSB412 Computer Skills
PSB620 Cadastral Surveying And Mapping
PSB630 Cartography And Digital Mapping
PSB610 Government And Law
Year 2, Semester 2
MAB730 Surveying Mathematics 2
PSB611 Introduction to Urban And Regional Economics
PSB631 Geographic Information Systems 1
PSB641 Engineering Surveying
Year 3, Semester 1
CEB259 Engineering Design For Land Development
PSB414 Professional Skills 1
PSB612 Spatial And Land Information Management
PSB642 Control Surveying And Analysis
Elective
Year 3, Semester 2
PSB613 Land Development Principles And Policies
PSB632 Photogrammetry
PSB643 Geodesy
Elective
Year 4, Semester 1
PSB422 Environmental Science
PSB614 Urban And Rural Design Principles
PSB633 Map Production: Principles And Practice
PSB644 Advanced Geodesy
Elective
Year 4, Semester 2
PSB615 Urban And Rural Design Practice
PSB621 Advanced Cadastral Surveying
PSB645 Surveying And Mapping Practice
Elective

List of Approved Electives
Year 3, Semester 1
PSB655 Remote Sensing
Year 3, Semester 2
PSB652 Topics in Land Administration
Year 4, Semester 1
PSB655 Remote Sensing
PSB654 Topics in Geographic Information Systems
PSB650 Project 1
Year 4, Semester 2
PSB652 Topics in Land Administration
PSB653 Topics in Surveying Engineering
PSB651 Project 2

■ 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.

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
MAB105 Preparatory Mathematics
MMB111 Mechanical Engineering Science
MMB131 Engineering Materials
PCB004 Physics IT
Year 1, Semester 2
MAB180 Engineering Mathematics 1
MMB182 Computer Aided Design And Drafting
MMB273 Manufacturing Practice 1
PCB136 Engineering Physics 1C
Year 2, Semester 1
CEB109 Engineering Mechanics 1
MAB132 Engineering Mathematics 1B
MMB211 Mechanics 1
MMB274 Manufacturing Practice 2
Year 2, Semester 2
EEB112 Electrical And Computer Engineering 1
MMB112 Dynamics
MMB232 Materials Technology
MMB252 Thermofluids
Year 3, Semester 1
BSB115 Management, People And Organisations
EEB220 Electrical Engineering 2m
MMB281 Fundamentals of Mechanical Design
MMB371 Manufacturing Processes
Year 3, Semester 2
MGB207 Human Resource Issues And Strategy
MMB212 Mechanics 2
MMB300 Project 2t
MMB312 Mechanical Measurement

■ Bachelor of Technology (Mechanical) Conversion Program (ME36)

Award title: Bachelor of Technology (Mechanical)
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.

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

Business

Overview **84**

Senior Staff **84**

Research Centres **85**

Courses

- Master of Applied Finance (BS98) 86
- Master of Business (Research) - Accountancy (BS92) 86
- Master of Business (Research) - Advertising (BS92) 87
- Master of Business (Research) - Banking & Finance (BS92) 87
- Master of Business (Research) - Economics (BS92) 87
- Master of Business (Research) - Human Resource Management (BS92) 88
- Master of Business (Research) - International Business (BS92) 88
- Master of Business (Research) - Management (BS92) 89
- Master of Business (Research) - Marketing (BS92) 89
- Master of Business (Research) - Public Relations (BS92) 90
- Master of Business (Advertising) (BS93) 90
- Master of Business (Human Resource Management) (BS93) 90
- Master of Business (International Business) (BS93) 91
- Master of Business (Marketing) (BS93) 92
- Master of Business (Philanthropy & Nonprofit Studies) (BS93) 92
- Master of Business (Professional Accounting) (BS89) 93
- Master of Business (Public Management) (BS93) 93
- Master of Business (Public Relations) (BS93) 94
- Master of Business Administration (MBA) (GS20) 94
- Master of Business Administration (with a Major) (GS96) 96
- Executive Master of Business Administration (GS95) 96
- International Master of Business Administration (GS24) 97
- Master of Business Administration/Master of Applied Finance (BS99) 97
- Master of Commerce (BS94) 98
- Graduate Diploma in Advanced Accounting (BS70) 99
- Graduate Diploma in Applied Finance (BS96) 99
- Graduate Diploma in Philanthropy & Nonprofit Studies (BS95) 100
- Graduate Diploma in Public Relations (BS72) 100
- Graduate Diploma of Business Administration (GS21) 101
- Graduate Certificate in Business (BS39) 102
- Graduate Certificate in Business Administration (GS22) 104
- Graduate Certificate in Management (GS23) 104
- Bachelor of Business (Honours) (BS63) 104
- □ Bachelor of Business (BS56) Course Notes 105
- Bachelor of Business (Accountancy) (BS56) 106
- Bachelor of Business (Advertising) (BS56) 108
- Bachelor of Business (Banking and Finance) (BS56) 109
- Bachelor of Business (Economics) (BS56) 111
- Bachelor of Business (Electronic Business) (BS56) 112
- Bachelor of Business (Human Resource Management) (BS56) 113
- Bachelor of Business (International Business) (BS56) 114
- Bachelor of Business (Management) (BS56) 116
- Bachelor of Business (Marketing) (BS56) 117
- Bachelor of Business (Public Relations) (BS56) 118
- Management Certificate Program (Undergraduate) (BS20) 119

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, BEc(Hons) MEcSt *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'cle(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 *Oxf*., 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 Waldersee, BA, MA(Psych) *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
Year 3, Semester 2
BSN404 Project 1
EFN507 Advanced Capital Budgeting

Electives may be chosen from available Faculty of Business postgraduate units, subject to approval.

■ Master of Business (Research) - Accountancy (BS92)

Award title: Master of Business (Research)
CRICOS code: 002329C
Location: Gardens Point
Course duration (full-time): 3 semesters or 2 semesters
Course duration (part-time): 6 semesters or 4 semesters
Total credit points: 144 (if you have no Honours degree) or 96 (if you have an Honours degree and gain exemption for the coursework component)
Course coordinator: 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. 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
Advertising Unit
Elective
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 (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: 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

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) - 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. 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
BSN506 Econometric Methods

Units in Economics
EFN500 Contemporary Macroeconomic Theories
EFN502 Developments in Microeconomic Theories

Elective
The elective unit may be taken from any 12 credit point postgraduate unit offered by the 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) - Human Resource Management (BS92)

Award title: Master of Business (Research)
CRICOS code: 002329C
Location: Gardens Point
Course duration (full-time): 3 semesters or 2 semesters
Course duration (part-time): 6 semesters or 4 semesters
Total credit points: 144(for entry without Honours) or 96(for entry with Honours)
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: 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
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 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

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

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

■ Master of Business (Research) - Marketing (BS92)

Award title: Master of Business (Research)
CRICOS code: 002329C
Location: Gardens Point
Course duration (full-time): 3 semesters or 2 semesters
Course duration (part-time): 6 semesters or 4 semesters
Total credit points: 144(entry without Honours) or 96(entry with Honours)
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: 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.

Course Structure

Compulsory Units
BSN502 Research Methodology
BSN503 Research Seminar
AMNxxx Marketing Unit
AMNxxx Marketing Unit

Please contact the Academic Coordinator for the list of available units.

Compulsory Thesis
BSN600 Thesis

■ Master of Business (Research) - Public Relations (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 (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
Discipline coordinator: Assoc Prof 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. 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

An undergraduate degree (or equivalent qualifications or employment experience in a related field) in advertising.

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

(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
MIN421 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
MIN421 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
IBN408 Business and The International Environment
MGN404 Managing and Organising Global Firms
Year 1, Semester 2
MGN424 International Dimensions Of HRM
MIN421 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
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
Year 3, Semester 2
Elective
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
One of the following units
ANM403 Marketing 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 and Nonprofit Organisations
GSN232 Fundraising Principles
GSN224 Corporate Philanthropy
Elective Unit
Year 1 Summer Program or Year 2, Semester 1
BSN404 Project 1
or Elective
BSN406 Project
BSN406 Project
Elective

Part-time Course Structure

Year 1, Semester 1
GSN229 Philanthropic and Nonprofit Governance & Economics
GSN230 Ethics and Management for Philanthropic & Nonprofit Organisations
Year 1, Semester 2
AMN482 Marketing for the Nonprofit Sector
GSN231 Legal and Accounting Issues for Philanthropic and Nonprofit Organisations
Year 2, Semester 1
GSN223 Applied Research Project B
One of the following units
AMN403 Market and Survey Research
BSN506 Econometric Methods
BSN507 Research Methods
BSN412 Qualitative Research

Year 2, Semester 2
GSN232 Fundraising Principles
GSN224 Corporate Philanthropy
Elective
Year 3, Semester 1
BSN404 Project 1
OR Elective
Elective
Year 3, Semester 2
BSN406 Project
BSN406 Project

■ 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
MGN425 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
MGN425 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

Year 3, Semester 2
MGN423 Contemporary Strategic Analysis
Elective

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

■ Master of Business (Public Relations) (BS93)

Award title: Master of Business (Public Relations)
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

A degree (or equivalent qualifications or employment experience in a related field) in Public Relations.

Course Design

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

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

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
ITN251 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
GSN451 Contemporary Issues in International Politics and Economy

Health Services Management
GSN411 Economics Of Strategy 1
GSN450 Public Sector 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
PUP415 Occupational Health

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
MGN422 Contemporary Issues and Practices in Employee Relations
MGN427 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
GSN402 Strategic Use Of Information Technology

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
24 credit points in a Foreign Language

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

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

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

■ Master of Business Administration (with a Major) (GS96)

Award title: Master of Business Administration (Study Area A)
Location: Gardens Point
Course duration (full-time): 4 semesters
Course duration (part-time): 8 semesters
Total credit points: 192
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Associate Professor 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

Course Design

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

In line with other leading business schools, BGSB offers six credit point units, delivered in seven-week modules giving students the flexibility to commence study at the beginning or mid-point of any semester, offering six different entry points each year.

Course Structure

See Master of Business Administration (MBA) (GS20) in this section.

■ 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 web site 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

Electives
GSN417 Effective Advocacy For Managers
GSN419 Organisational Behaviour 2
GSN420 New Venture Strategy
GSN421 Economics Of Strategy 2
GSN422 Business Law 2
GSN423 Financial Management 2
GSN424 Business Conditions Analysis 2
GSN426 Business Plans 2
GSN427 Financial Statements Analysis 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
GSN436 Facilities Management 1
GSN437 Facilities Management 2
GSN438 Production and Operations Management 1
GSN439 Operations and Production Management 2
GSN440 Risk Management 1
GSN441 Risk Management 2
GSN422 Business Law 2
GSN443 Project Management 2
GSN446 Applied Research Project A
GSN447 Strategic Internet Marketing 1
GSN448 Strategic Internet Marketing 2
GSN449 Public Sector and Social Marketing 1
GSN450 Public Sector and Social Marketing 2
GSN452 International Human Resource Management
GSN453 Economics Of Health and Health Care
GSN454 Economics Of Information and E-Commerce
GSN456 Personal Development and Ethics For Managers

■ 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.

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)

■ 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

Semester 1, first half
GSN401 Managing in The Global Business Environment
GSN407 Business Communication
GSN408 Marketing Management 1
GSN410 Entrepreneurship
Semester 1, second half
GSN404 Financial Statements Analysis 1
GSN402 Strategic Use Of Information Technology
GSN403 Understanding Data
GSN409 Organisational Behaviour 1
Semester 2, first half
GSN411 Economics Of Strategy 1
GSN405 Strategic Management
GSN415 Leadership 1
EFN406 Managerial Finance
Semester 2, second half
GSN414 Business Conditions Analysis 1
GSN406 Human Resource Management Issues
GSN416 Business Plans 1
Continuation of EFN406
Semester 3, first half
EFN412 Advanced Managerial Finance
GSN424 Business Conditions Analysis 2
MBA elective unit
MBA elective unit
Semester 3, second half
Continuation of EFN412
MBA elective unit
MBA elective unit
MBA elective unit
Semester 4 (both halves)
EFN413 Securities Law
EFN414 International Finance
EFN415 Security Analysis
EFN507 Advanced Capital Budgeting
Semester 5 (both halves)
BSN404 Project 1
EFN505 Financial Risk Management
EFN elective unit
EFN elective unit

■ 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

Graduates 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
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 Units
EFN401 Advanced Financial Institutions Management
EFN410 Economic and Financial Modelling
EFN416 Treasury and Portfolio Management

EFN500 Contemporary Macroeconomic Theories
EFN501 Corporate and Commercial Lending
EFN502 Developments in Microeconomic Theories
EFN504 Finance Honours
EFN505 Financial Risk Management
EFN506 Advanced International Finance
EFN507 Advanced Capital Budgeting

Business and Taxation Law Units
AYN405 Advanced Tax Planning
AYN406 Capital Gains Tax
AYN426 Legal Environment Of Business
AYN445 Goods and Services Tax
AYN507 Business Law Honours

Electronic Business Units
AYN413 Computer Auditing
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. 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
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

■ 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
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 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 studies 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 & Non Profit Organisations
GSN232 Fundraising Principles
GSN224 Corporate Philanthropy
Elective Unit

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 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 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.

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

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 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

GSN450 Public Sector 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
PUP415 Occupational Health

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

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
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.
- Finance - graduates meet the educational requirements of the Australasian Institute of Banking and Finance. An undergraduate degree in an area other than Finance. 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.
- Marketing - an undergraduate degree in an area other than Marketing. Semester 1 entry, full-time or part-time. Semester 2 entry, part-time only.
- Professional Accounting - an undergraduate degree with a major in Accounting from a recognised tertiary institution. Full-time or part-time. Semester 1 or Semester 2 entry.
- Philanthropy & Nonprofit Studies - an undergraduate degree. Part-time only. Semester 1 or 2 entry.
- Public Management - an undergraduate degree. Full-time or part-time. 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
Elective

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
AMN465 Public Relations Management

International Business
Major Coordinator: Mr Gary Chittick
IBN408 Business and The International Environment
MGN404 Managing and Organising Global Firms
Plus any two of the following units:
IBN400 Global Industry Analysis
IBN403 Business in Asia
IBN404 Business in Europe
IBN435 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
Elective

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
Unit approved by the major coordinator

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

Public Relations
Major Coordinator: Associate Professor Jim Everett
AMN461 Corporate Media Strategy and Tactics
AMN465 Public Relations Management
AMN46x Public Relations Elective
Elective

■ Graduate Certificate in Business Administration (GS22)

Award title: Graduate Certificate in Business Administration
CRICOS code: 031575D
Location: Gardens Point
Course duration (full-time): 1 semester. The course must be completed within a maximum time period of two years.
Course duration (part-time): 2 semesters. The course must be completed within a maximum time period of two years.
Total credit points: 48
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Associate Professor Jeremy Williams

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 credit point units, delivered in seven-week modules giving students the flexibility to commence study at the beginning or mid-point of any semester, offering six different entry points each year.

Students can either enrol directly into the Graduate Certificate in Business Administration, or take it as an exit award from the Graduate Diploma in Business Administration or MBA, as the Graduate Certificate articulates into both of these courses.

Course Structure

Select 8 units from the following list:
GSN401 Managing in The Global Business Environment
GSN402 Strategic Use Of Information Technology
GSN403 Understanding Data
GSN404 Financial Statements Analysis 1
GSN405 Strategic Management
GSN406 Human Resource Management Issues
GSN407 Business Communication
GSN408 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

■ Graduate Certificate in Management (GS23)

Award title: Graduate Certificate in Management
CRICOS code: 012664E
Location: Gardens Point
Course duration (full-time): 1 semester. The course must be completed within a maximum time period of two years.
Course duration (part-time): 2 Semester. The course must be completed within a maximum time period of two years.
Total credit points: 48
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Associate Professor Jeremy Williams

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

Students must complete 48 credit points from the core or electives of the Master of Business Administration (MBA).

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

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

■ Bachelor of Business (Honours) (BS63)

Award title: Bachelor of Business (Honours)
CRICOS code: 009038B
Location: Gardens Point
Course duration (full-time): 1 year
Course duration (part-time): 2 years
Total credit points: 96
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Professor Neal Ryan

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

With majors in Accountancy, Advertising, Banking & Finance, Economics, Electronic Business, Human Resource Management, International Business, Management, Marketing and Public Relations.

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
- AMB241 E-Marketing Strategies
- AMB340 Services Marketing
- AMB341 Strategic Marketing

Public Relations
- AMB201 Marketing & Audience Research
- AMB260 Public Relations Theory & Practice
- AMB261 Media Relations & Publicity
- AMB262 Public Relations Writing
- AMB360 Corporate Communication Management
- AMB361 Public Relations Campaigns

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 without a Marketing major

■ 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
BSB126 Marketing
Year 2, Semester 1
AYB220 Company Accounting
BSB114 Government, Business and Society
EFB101 Data Analysis For Business
Double Major / Extended Major / Specialisation Unit
Year 2, Semester 2
AYB221 Computerised Accounting Systems
AYB225 Management Accounting 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
BSB111 Business Law and Ethics
BSB113 Economics
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
Elective 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
Extended Major Unit
Extended major unit
Extended major 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 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
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
Double Major/Extended Major/Specialisation Unit
Year 5, Semester 2
Double Major/Specialisation Unit
Elective Unit
Year 6, Semester 1
Double Major/Extended Major/Specialisation Unit
Elective Unit
Year 6, Semester 2
Elective Unit
Elective Unit

Part-time Extended Major in Professional Accounting

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
EFB102 Economics 2
Year 5, Semester 1
AYB301 Auditing
AYB325 Taxation Law
Year 5, Semester 2
AYB311 Financial Accounting Theory
Elective
Year 6, Semester 1
AYB321 Management Accounting Theory
Elective
Year 6, Semester 2
Elective
Elective

Part-time Extended Major in Business Law and Tax

Year 1, Semester 1
BSB110 Accounting
BSB113 Economics
Year 1, Semester 2
AYB121 Financial Accounting
BSB122 Business Information Analysis & 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
EFB102 Economics 2
Year 5, Semester 1
AYB301 Auditing
AYB325 Taxation Law
Year 5, Semester 2
AYB311 Financial Accounting Theory
Extended Major Unit
Year 6, Semester 1
AYB321 Management Accounting Theory
Extended Major Unit
Year 6, Semester 2
Extended Major Unit
Extended Major 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

■ Bachelor of Business (Advertising) (BS56)

Award title: Bachelor of Business (Advertising)
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 Gayle Kerr

Professional Membership

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

Full-time Course Structure

Year 1, Semester 1
BSB114 Government, Business and Society
BSB119 International & Electronic Business
BSB122 Business Information Analysis & Communication
BSB126 Marketing
Year 1, Semester 2
AMB200 Consumer Behaviour
AMB220 Advertising Theory and Practice
BSB115 Management, People and Organisations
Double Major/Extended Major/Specialisation unit
Year 2, Semester 1
AMB222 Media Planning
BSB110 Accounting
Double Major/Extended Major/Specialisation unit
Double Major/Extended Major/Specialisation unit
Year 2, Semester 2
AMB221 Advertising Copywriting
BSB111 Business Law and Ethics
BSB113 Economics
Double Major/Extended Major/Specialisation unit
Year 3, Semester 1
AMB320 Advertising Management
Double Major/Extended Major/Specialisation unit
Elective

Elective
Year 3, Semester 2
AMB321 Advertising Campaigns
Double Major/Extended Major/Specialisation unit
Elective
Elective

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
Year 2, Semester 2
BSB115 Management, People and Organisations
Double Major/Extended Major/Specialisation unit
Year 3, Semester 1
AMB222 Media Planning
Double Major/Extended Major/Specialisation unit
Year 3, Semester 2
AMB221 Advertising Copywriting
BSB110 Accounting
Year 4, Semester 1
BSB113 Economics
Double Major/Extended Major/Specialisation unit
Year 4, Semester 2
AMB320 Advertising Management
BSB111 Business Law and Ethics
Year 5, Semester 1
AMB321 Advertising Campaigns
Double Major/Extended Major/Specialisation unit
Year 5, Semester 2
Double Major/Extended Major/Specialisation unit
Elective
Year 6, Semester 1
Double Major/Extended Major/Specialisation unit
Elective
Year 6, Semester 2
Elective
Elective

Extended Major in Advertising

Year 1, Semester 1
BSB114 Government, Business and Society
BSB119 International & Electronic Business
BSB122 Business Information Analysis & Communication
BSB126 Marketing
Year 1, Semester 2
AMB200 Consumer Behaviour
AMB220 Advertising Theory and Practice
AMB230 Internet Promotion
BSB115 Management, People and Organisations
Year 2, Semester 1
AMB222 Media Planning
BSB110 Accounting
Any School of Advertising Marketing and Public Relations unit*
Any School of Advertising Marketing and Public Relations unit*
Year 2, Semester 2
AMB221 Advertising Copywriting
AMB231 Marketing Communications Regulations and Ethics
BSB111 Business Law and Ethics
BSB113 Economics
Year 3, Semester 1
AMB320 Advertising Management
AMB330 Advertising Strategy and Planning
AMB331 Direct Marketing
Elective
Year 3, Semester 2
AMB321 Advertising Campaigns
Elective
Elective
Elective

**Choice units can be taken in any semester.*

Part-time Extended Major in Advertising

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
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
Any School of Advertising Marketing and Public Relations Unit*
Year 4, Semester 2
AMB320 Advertising Management
BSB111 Business Law and Ethics
Year 5, Semester 1
AMB321 Advertising Campaigns
AMB330 Advertising Strategy and Planning
Year 5, Semester 2
Any School of Advertising Marketing and Public Relations Unit*
Elective
Year 6, Semester 1
AMB331 Direct Marketing
Elective
Year 6, Semester 2
Elective
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
Double Major/Extended Major/Specialisation unit
Elective unit
Year 3, Semester 1
EFB201 Financial Markets
Double Major/Extended Major/Specialisation unit
Double Major/Extended Major/Specialisation unit
Elective unit
Year 3, Semester 2
EFB312 International Finance and Economics
Double Major/Extended Major/Specialisation unit
Elective unit
Elective unit

Part-time - Course Structure

Year 1, Semester 1
BSB119 International and Electronic Business
BSB113 Economics
Year 1, Semester 2
BSB115 Management, People and Organisations
EFB102 Economics 2
Year 2, Semester 1
BSB114 Government, Business and Society
BSB126 Marketing
Year 2, Semester 2
BSB110 Accounting
BSB122 Business Information Analysis and Communication
Year 3, Semester 1
BSB111 Business Law and Ethics
EFB210 Finance 1
Year 3, Semester 2
EFB101 Data Analysis For Business
Double Major/Extended Major/Specialisation Unit
Year 4, Semester 1
EFB307 Finance 2
Elective Unit
Year 4, Semester 2
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit
Year 5, Semester 1
EFB201 Financial Markets
Double Major/Extended Major/Specialisation Unit
Year 5, Semester 2
Elective Unit
Elective Unit
Year 6, Semester 1
Double Major/Extended Major/Specialisation Unit
Elective Unit
Year 6, Semester 2
EFB312 International Finance and Economics
Double Major/Extended Major/Specialisation Unit

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

EFB310 Financial Institutions - Control
EFB311 Financial Institutions - Lending
EFB326 Applied Portfolio Management

Finance Units offered by the School of Economics and Finance

Finance Units
EFB201 Financial Markets
EFB210 Finance 1
EFB307 Finance 2
EFB308 Finance 3
EFB309 Financial Derivatives
EFB310 Financial Institutions - Control
EFB311 Financial Institutions - Lending
EFB312 International Finance and Economics
EFB318 Portfolio and Security Analysis
EFB326 Applied Portfolio Management

■ Bachelor of Business (Economics) (BS56)

Award title: Bachelor of Business (Economics)
CRICOS code: 003491G
Location: Gardens Point
Course duration (full-time): 3 years
Course duration (part-time): 6 years
Total credit points: 288
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Mr Andrew Paltridge
Discipline coordinator: Mr Eugene McCann

Professional Membership

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

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

Course Combinations

The School of Economics and Finance recommends the following course combination which provides excellent professional 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).

Full-time Course Structure

Year 1, Semester 1
BSB119 International and Electronic Business
BSB113 Economics
BSB122 Business Information and Analysis and Communication
BSB126 Marketing

Year 1, Semester 2
BSB110 Accounting
EFB101 Data Analysis For Business
BSB115 Management, People and Organisations
EFB102 Economics 2

Year 2, Semester 1
BSB111 Business Law and Ethics
EFB202 Business Cycles and Economic Growth
EFB211 Firms, Markets and Resources
Double Major/Extended Major/Specialisation unit

Year 2, Semester 2
BSB114 Government, Business and Society
EFB314 International Trade and Economic Competitiveness
EFB323 Financial and Monetary Economics
Double Major/Extended Major/Specialisation unit

Year 3, Semester 1
Double Major/Extended Major/Specialisation unit
Double Major/Extended Major/Specialisation unit
Elective unit
Elective unit

Year 3, Semester 2
Double Major/Extended Major/Specialisation unit
Double Major/Extended Major/Specialisation unit
Elective unit
Elective unit

Part-time Course Structure

Year 1, Semester 1
BSB119 International and Electronic Business
BSB113 Economics

Year 1, Semester 2
BSB115 Management, People and Organisations
EFB102 Economics 2

Year 2, Semester 1
BSB122 Business Information Analysis and Communication
BSB126 Marketing

Year 2, Semester 2
BSB110 Accounting
BSB114 Government, Business and Society

Year 3, Semester 1
EFB202 Business Cycles and Economic Growth
EFB211 Firms, Markets and Resources

Year 3, Semester 2
EFB314 International Trade and Economic Competitiveness
EFB323 Financial and Monetary Economics

Year 4, Semester 1
BSB111 Business Law and Ethics
Double Major/Extended Major/Specialisation Unit

Year 4, Semester 2
BSB117 Professional Communication and Negotiation
Double Major/Extended Major/Specialisation Unit

Year 5, Semester 1
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit

Year 5, Semester 2
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit

Year 6, Semester 1
Elective Unit
Elective Unit

Year 6, Semester 2
Elective Unit
Elective Unit

Course Structure - Extended Major in Financial Economics

Compulsory
EFB210 Finance 1
EFB324 Macroeconomics Of Global Financial Markets
EFB325 Financial Microeconomics
EFB326 Applied Portfolio Management

plus any two of the following:
EFB200 Applied Regression Analysis
EFB201 Financial Markets
EFB327 Econometrics Of Financial Markets
EFB328 Public Economics and Finance

Economics Units offered by the School of Economics and Finance

BSB113 Economics
EFB101 Data Analysis For Business
EFB102 Economics 2
EFB200 Applied Regression Analysis
EFB202 Business Cycles and Economic Growth
EFB211 Firms, Markets and Resources
EFB314 International Trade and Economic Competitiveness
EFB323 Financial and Monetary Economics
EFB324 Macroeconomics Of Global Financial Markets
EFB325 Financial Microeconomics
EFB327 Econometrics Of Financial Markets
EFB328 Public Economics and Finance

■ Bachelor of Business (Electronic Business) (BS56)

Award title: Bachelor of Business (Electronic Business)
CRICOS code: 003491G
Location: Gardens Point
Course duration (full-time): 3 years
Course duration (part-time): 6 years
Total credit points: 288
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Mr Andrew Paltridge
Discipline coordinator: 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
Double major unit
Elective*
Year 3, Semester 2
BSB313 Business Strategy and Technology
Double major unit
Elective*
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
IBB223 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, Semester1
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
Elective
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
Year 4, Semester 2
Double Major/Extended Major/Specialisation Unit
Elective
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

Year 6, Semester 1
MGB201 The Legal Context Of Employment Relations
MGB309 Strategic Management
Year 6, Semester 2
MGB304 Human Resource Information Management
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
BSB122 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
IBB210 Export Management
Area Study 1
Year 2, Semester 2
Area Study 2
Double Major/Extended Major/ Specialisation Unit
Double Major/Extended Major/ Specialisation Unit
Elective
Year 3, Semester 1
Double Major/Extended Major/ Specialisation Unit
Double Major/Extended Major/ Specialisation Unit
Double Major/Extended Major/ Specialisation Unit
Elective
Year 3, Semester 2
IBB300 International Business Strategy
Double Major/Extended Major/ Specialisation Unit
Elective
Elective
Student must select one of the following pairs of area study units:
IBB217 Asian Business Development
IBB317 Contemporary Business in Asia
OR
IBB208 European Business Development
IBB308 Contemporary Business in Europe

Course Structure - Extended Major in International Business Analysis

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
BSB122 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
IBB210 Export Management
Area Study 1
Year 2, Semester 2
MIB213 International Marketing
Area Study 2
Extended Major Unit
Elective
Year 3, Semester 1
IBB304 Global Industry Analysis
Extended Major Unit
Extended Major Unit
Elective
Year 3, Semester 2
IBB300 International Business Strategy
Extended Major Unit
Elective
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 complete one of the following pairs of area study units:
IBB217 Asian Business Development
IBB317 Contemporary Business in Asia
OR
IBB208 European Business Development
IBB308 Contemporary Business in Europe

Course Structure - Language Specialisation

Year 1, Semester 1
BSB113 Economics
BSB119 International & Electronic Business
BSB126 Marketing
Language 1
Year 1, Semester 2
BSB115 Management, People and Organisations
IBB202 Business and The World Economy
IBB211 Globalisation and Business
Language 2
Year 2, Semester 1
BSB114 Government, Business and Society
IBB210 Export Management
Area Study 1
Language 3
Year 2, Semester 2
BSB122 Business Information Analysis & Communication
Area Study 2
Language 4
Elective unit
Year 3, Semester 1
BSB110 Accounting
IBB300 International Business Strategy
Elective unit
PLUS ONE OF THE FOLLOWING:
Language 5 OR

IBB205 Cross-Cultural Communication and Negotiation
Year 3, Semester 2
BSB111 Business Law and Ethics
Elective
Elective
PLUS ONE OF THE FOLLOWING:
Language 6
OR
International Business Elective Unit (IBB2xx or IBB3xx)

Area Study Options
Students must select one of the following pairs of area study units:
IBB217 Asian Business Development
IBB317 Contemporary Business in Asia
OR
IBB208 European Business Development
IBB308 Contemporary Business in Europe

List of Languages
French
German
Indonesian
Japanese
The same language must be studied for at least four levels. International students must take a language that is not their native tongue

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
Year 2, Semester 2
IBB202 Business and The World Economy
IBB211 Globalisation and Business
Year 3, Semester 1
IBB210 Export Management
Double Major/Extended Major/ Specialisation Unit
Year 3, Semester 2
BSB111 Business Law and Ethics
Double Major/Extended Major/ Specialisation Unit
Year 4, Semester 1
BSB122 Business Information Analysis & Communication
Double Major/Extended Major/ Specialisation Unit
Year 4, Semester 2
IBB300 International Business Strategy
Double Major/Extended Major/ Specialisation Unit
Year 5, Semester 1
Area Study 1
Double Major/Extended Major/ Specialisation Unit
Year 5, Semester 2
Area Study 2
Elective
Year 6, Semester 1
Double Major/Extended Major/ Specialisation Unit
Elective
Year 6, Semester 2
Elective
Elective
Students must select one of the following pairs of area study units:
IBB217 Asian Business Development
IBB317 Contemporary Business in Asia
OR
IBB208 European Business Development
IBB308 Contemporary Business in Europe

Course Structure - Part-time Extended Major in International Business Analysis

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
Year 2, Semester 2
IBB202 Business and The World Economy
IBB211 Globalisation and Business
Year 3, Semester 1
IBB210 Export Management
IBB304 Global Industry Analysis
Year 3, Semester 2
BSB111 Business Law and Ethics
MIB213 International Marketing
Year 4, Semester 1
BSB122 Business Information Analysis & Communication
Extended Major Unit
Year 4, Semester 2
IBB300 International Business Strategy
Extended Major Unit
Year 5, Semester 1
Area Study 1
Extended Major Unit
Year 5, Semester 2
Area Study 2
Elective
Year 6, Semester 1
Extended Major Unit
Elective
Year 6, Semester 2
Elective
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
OR
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
PLUS ONE OF THE FOLLOWING:
Language 5
OR
IBB205 Cross-Cultural Communication and Negotiation
Year 3, Semester 2
BSB114 Government, Business and Society
IBB211 Globalisation and Business
Year 4, Semester 1
BSB111 Business Law and Ethics
PLUS ONE OF THE FOLLOWING:
Language 6
OR
International Business Elective (IBB2xx, IBB3xx)
Year 4, Semester 2
IBB202 Business and The World Economy

Elective
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

■ 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
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit
Elective Unit
Year 3, Semester 2
BSB111 Business Law and Ethics
MGB309 Strategic Management
Double Major/Extended Major/Specialisation Unit
Elective Unit

Course Structure - Extended Major in 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
BSB113 Economics
BSB114 Government, Business and Society
MGB220 Management Research Methods
MGB222 Managing Organisations
Year 2, Semester 1
MGB210 Production and Service Management
MGB211 Organisational Behaviour
MGB216 Managing Technology, Innovation and Knowledge
Elective
Year 2, Semester 2
BSB110 Accounting
MGB334 Managing in a Changing Environment
Extended Major Unit
Elective
Year 3, Semester 1
MGB314 Organisational Consulting and Change
MGB312 Negotiation Skills
Extended Major Unit
Elective
Year 3, Semester 2
BSB111 Business Law and Ethics
MGB309 Strategic Management
MGB315 Personal and Professional Development
Elective
Extended Major Option
Students need to complete, either:
ITB827 Fundamentals Of Enterprise Systems
OR
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
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
Double Major/Extended Major/Specialisation Unit
Year 3, Semester 2
BSB126 Marketing
MGB210 Production and Service Management
Year 4, Semester 1
BSB111 Business Law and Ethics
MGB334 Managing in a Changing Environment
Year 4, Semester 2
Double Major/Extended Major/Specialisation Unit
Elective Unit
Year 5, Semester 1
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit
Year 5, Semester 2
Double Major/Extended Major/Specialisation Unit
Elective Unit
Year 6, Semester 1
MGB309 Strategic Management
Double Major/Extended Major/Specialisation Unit
Year 6, Semester 2
Elective Unit
Elective Unit

Part-time Extended Major in Management

Year 1, Semester 1
BSB113 Economics

BSB114 Government, Business and Society
Year 1, Semester 2
BSB115 Management, People and Organisations
BSB122 Business Information Analysis & 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
BSB111 Business Law and Ethics
MGB334 Managing in a Changing Environment
Year 4, Semester 2
MGB314 Organisational Consulting and Change
Elective
Year 5, Semester 1
MGB312 Negotiation Skills
Extended Major Unit
Year 5, Semester 2
Extended Major Unit
Elective
Year 6, Semester 1
MGB309 Strategic Management
MGB315 Personal and Professional Development
Year 6, Semester 2
Elective
Elective
Extended Major Units
Students need to complete either:
ITB827 Fundamentals Of Enterprise Systems
OR
MGB335 Project Management
AND either:
MGB218 Venture Skills
OR
MGB223 Creating New Enterprises

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 Paltridge
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
BSB119 International & Electronic Business
BSB122 Business Information Analysis & Communication
BSB126 Marketing
Year 1, Semester 2
AMB200 Consumer Behaviour
AMB240 Marketing Planning and Management
BSB115 Management, People and Organisations
Double Major/Extended Major/Specialisation unit
Year 2, Semester 1
AMB201 Market and Audience Research
BSB110 Accounting
Double Major/Extended Major/Specialisation unit
Double Major/Extended Major/Specialisation unit
Year 2, Semester 2
AMB241 E-Marketing Strategies
BSB111 Business Law and Ethics
BSB113 Economics
Double Major/Extended Major/Specialisation unit
Year 3, Semester 1
AMB340 Services Marketing
Double Major/Extended Major/Specialisation unit
Elective unit
Elective unit
Year 3, Semester 2
AMB341 Strategic Marketing
Double Major/Extended Major/Specialisation unit
Elective unit
Elective unit

Full-time - Extended Major in Marketing

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
AMB200 Consumer Behaviour
AMB240 Marketing Planning and Management
Extended Major Unit
Year 2, Semester 1
BSB110 Accounting
AMB201 Market and Audience Research
Extended Major Unit
Extended Major Unit
Year 2, Semester 2
AMB241 E-Marketing Strategies
BSB111 Business Law and Ethics
BSB113 Economics
Extended Major Unit
Year 3, Semester 1
AMB340 Services Marketing
Extended Major Unit
Elective
Elective
Year 3, Semester 2
AMB341 Strategic Marketing
Extended Major Unit
Elective
Elective

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
AMB240 Marketing Planning and Management
Year 2, Semester 2
BSB115 Management, People and Organisations
Double Major/Extended Major/Specialisation unit
Year 3, Semester 1
BSB110 Accounting
Double Major/Extended Major/Specialisation unit
Year 3, Semester 2
AMB201 Market and Audience Research
Double Major/Extended Major/Specialisation unit
Year 4, Semester 1
AMB241 E-Marketing Strategies
BSB111 Business Law and Ethics
Year 4, Semester 2
AMB340 Services Marketing
BSB113 Economics

Year 5, Semester 1
AMB341 Strategic Marketing
Double Major/Extended Major/Specialisation unit
Year 5, Semester 2
Double Major/Extended Major/Specialisation unit
Elective
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
BSB126 Marketing
Year 1, Semester 2
BSB114 Government, Business and Society
BSB119 International & Electronic Business
Year 2, Semester 1
AMB200 Consumer Behaviour
AMB240 Marketing Planning and Management
Year 2, Semester 2
BSB115 Management, People and Organisations
Extended Major Unit*
Year 3, Semester 1
BSB110 Accounting
Extended Major Unit*
Year 3, Semester 2
AMB201 Market and Audience Research
Extended Major Unit
Year 4, Semester 1
AMB241 E-Marketing Strategies
BSB111 Business Law and Ethics
Year 4, Semester 2
AMB340 Services Marketing
BSB113 Economics
Year 5, Semester 1
AMB341 Strategic Marketing
Extended Major Unit
Year 5, Semester 2
Extended Major Unit
Elective
Year 6, Semester 1
Extended Major Unit
Elective
Year 6, Semester 2
Elective
Elective

Marketing Extended Major Units

AMB202 Integrated Marketing Communication
AMB220 Advertising Theory and Practice
AMB250 Business to Business Marketing
AMB251 Innovation and Market Development
AMB260 Public Relations Theory and Practice
AMB310 Internship
AMB350 Relationship and Sales Management
AMB351 Tourism Marketing
AMB352 Marketing Decision Making
AMB353 Retail Marketing
AMB354 Events Marketing
IBB213 International Marketing

■ Bachelor of Business (Public Relations) (BS56)

Award title: Bachelor of Business (Public Relations)
CRICOS code: 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
Double Major/Extended Major/Specialisation unit
Double Major/Extended Major/Specialisation unit
Year 2, Semester 1
BSB110 Accounting
AMB201 Market and Audience Research
AMB261 Media Relations and Publicity
Double Major/Extended Major/Specialisation unit
Year 2, Semester 2
AMB262 Public Relations Writing
BSB111 Business Law and Ethics
BSB113 Economics
Double Major/Extended Major/Specialisation unit
Year 3, Semester 1
AMB360 Corporate Communication Management
Double Major/Extended Major/Specialisation unit
Elective
Elective
Year 3, Semester 2
AMB361 Public Relations Campaigns
Double Major/Extended Major/Specialisation unit
Elective
Elective

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
AMB260 Public Relations Theory and Practice
Double Major/Extended Major/Specialisation unit
Year 2, Semester 2
AMB261 Media Relations and Publicity
BSB115 Management, People and Organisations
Year 3, Semester 1
BSB110 Accounting
Double Major/Extended Major/Specialisation unit
Year 3, Semester 2
AMB201 Market and Audience Research
Double Major/Extended Major/Specialisation unit
Year 4, Semester 1
AMB262 Public Relations Writing
BSB111 Business Law and Ethics
Year 4, Semester 2
AMB360 Corporate Communication Management
BSB113 Economics
Year 5, Semester 1
AMB361 Public Relations Campaigns
Double Major/Extended Major/Specialisation unit
Year 5, Semester 2
Double Major/Extended Major/Specialisation unit
Elective
Year 6, Semester 1
Double Major/Extended Major/Specialisation unit
Elective
Year 6, Semester 2
Elective
Elective

Extended Major in Public Relations

Year 1, Semester 1
BSB114 Government, Business and Society
BSB119 International & Electronic Business

BSB122 Business Information Analysis & Communication
BSB126 Marketing
Year 1, Semester 2
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 1
BSB110 Accounting
AMB201 Market and Audience Research
AMB202 Integrated Marketing Communication
AMB261 Media Relations and Publicity
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
Elective
Year 3, Semester 2
AMB361 Public Relations Campaigns
AMB371 Corporate Communication Strategies
Elective
Elective

Part-time Extended Major in Public Relations

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
AMB202 Integrated Marketing Communication
AMB260 Public Relations Theory and Practice
Year 2, Semester 2
AMB261 Media Relations and Publicity
BSB115 Management, People and Organisations
Year 3, Semester 1
BSB110 Accounting
Any unit offered by the School of Advertising Marketing and Public Relations
Year 3, Semester 2
AMB201 Market and Audience Research
Any unit offered by the School of Advertising Marketing and Public Relations
Year 4, Semester 1
AMB262 Public Relations Writing
BSB111 Business Law and Ethics
Year 4, Semester 2
BSB113 Economics
AMB360 Corporate Communication Management
Year 5, Semester 1
AMB361 Public Relations Campaigns
AMB370 Public Relations Cases
Year 5, Semester 2
AMB371 Corporate Communication Strategies
Elective
Year 6, Semester 1
Any unit offered by the School of Advertising Marketing and Public Relations
Elective
Year 6, Semester 2
Elective
Elective

■ 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 1
BSB111 Business Law and Ethics
BSB114 Government, Business and Society
BSB115 Management, People and Organisations
BSB119 International & Electronic Business
BSB122 Business Information Analysis & Communication

BS20BUS Business Management
BSB115 Management, People and Organisations
Plus one of the following electives:
BSB110 Accounting
BSB111 Business Law and Ethics
BSB113 Economics
BSB114 Government, Business and Society
BSB119 International & Electronic Business
BSB122 Business Information Analysis & Communication
MGB207 Human Resource Issues and Strategy
MGB211 Organisational Behaviour
MGB220 Management Research Methods
Plus any two Bachelor of Business degree units.

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
BSB114 Government, Business and Society
BSB115 Management, People and Organisations
BSB122 Business Information Analysis & Communication
BSB126 Marketing
IBB210 Export Management

BS20MKT Marketing
Compulsory
AMB240 Marketing Planning and Management
BSB126 Marketing
MIB213 International Marketing
Plus one of the following electives:
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

Creative Industries

Overview **122**

Senior Staff **122**

Research Centres **122**

Courses

- Master of Arts (Research) (KK51) 123
- Master of Communication Design (KI42) 123
- Master of Digital Media (KC42) 124
- Master of Fine Arts (KK42) 124
- Master of Music (KM42) 124
- Graduate Diploma in Dance Instruction (KD36) 125
- Graduate Diploma in Digital Media (KC36) 125
- Graduate Diploma in Film and Television (KP36) 126
- Graduate Diploma in Journalism (KJ36) 126
- Graduate Diploma in Music (KM36) 126
- Graduate Certificate in Creative Writing (KW35) 127
- Graduate Certificate in Dance Instruction (KD35) 127
- Graduate Certificate in Digital Media (KC35) 127
- Graduate Certificate in Film and Television (KP35) 128
- Graduate Certificate in Journalism (KJ35) 128
- Graduate Certificate in Music (KM35) 128
- Bachelor of Creative Industries (Honours) (Creative Writing/Media Studies/Communication Design/Dance/Drama/Visual Arts) (KK52) 128
- Bachelor of Fine Arts (Honours) (Dance/Creative Writing/Film & Television/Visual Arts/Communication Design) (KK53) 129
- Bachelor of Journalism (Honours) (KK54) 129
- Bachelor of Music (Honours) (KK55) 129
- Bachelor of Creative Industries (Communication Design) (KI32) 130
- Bachelor of Creative Industries (Creative Writing) (KW32) 130
- Bachelor of Creative Industries (Dance) (KD32) 130
- Bachelor of Creative Industries (Drama) (KT32) 131
- Bachelor of Creative Industries (Interdisciplinary Studies) (KK32) 131
- Bachelor of Creative Industries (Media Studies) (KC32) 132
- Bachelor of Creative Industries (Visual Arts) (KV32) 133
- Bachelor of Fine Arts (Acting) (KS25) 134
- Bachelor of Fine Arts (Communication Design) (KI25) 134
- Bachelor of Fine Arts (Creative Writing Production) (KW25) 135
- Bachelor of Fine Arts (Dance) (KD25) 135
- Bachelor of Fine Arts (Fashion Design) (KF25) 135
- Bachelor of Fine Arts (Film and Television) (KP25) 136
- Bachelor of Fine Arts (Technical Production) (KS26) 136
- Bachelor of Fine Arts (Visual Arts) (KV25) 137
- Bachelor of Journalism (KJ32) 137
- Bachelor of Music (KM32) 137
- Associate Degree (Dance) (KD15) 139
- Advanced Certificate in Dance Teaching (KD06) 139
- Certificate in Dance Teaching (KD05) 140

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. Arthurs, Bmus - Tonmeister (Hons) *Surrey*

Theatre Studies

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

Visual Arts

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

RESEARCH CENTRES

Creative Industries Research and Applications Centre

Queensland University of Technology's Creative Industries Research and Applications Centre - CIRAC - 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
KVB004 Contemporary Aesthetic Debates
KKN020 Research Methods in Visual and Performing Arts
KKN007/1 Research Project 1
KKN007/2 Research Project 2
Semester 2
KKN007/3 Research Project 3
KKN007/4 Research Project 4
KKN007/5 Research Project 5
Elective
Semester 3
KKN200 Graduate Seminar
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
Plus Select THREE units from:
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
KIB815 Interaction Design 2
Digital Media Strand Electives
KIB803 Temporal Media
KIB804 3-D Animation 1

KIB822 Interaction Design 3
KIB820 3-D Animation 2
Project Management Strand Electives
KIN819 Electronic Publishing
KIN810 Information Architecture
KIN817 Project Management
KIN809 Interaction Design

■ 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
Standard credit points per semester (full-time): 48 Credit Points Full Time
Standard credit points per semester (part-time): 24 Credit Points Part Time
Course coordinator: Dr 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 1, Semester 2
KCP336 New Media Technologies
KCB348 Applied Media Studies
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*
Elective
Semester 2
KKN013 Advanced Professional Practice 3
Elective
Elective
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
KSB012 Music Theatre Project
KSB234 Voice and Movement 4
KSB248 Acting 4
Year 2, Semester 1
KSB235 Voice and Movement 5
KSB255 Theatre Project 1
Year 2, Semester 2
KSB256 Theatre Project 2

■ Master of Music (KM42)

Award title: Master of Music
CRICOS code: 034710M
Location: Kelvin Grove
Course duration (full-time): 3 semesters
Course duration (part-time): 6 semesters
Total credit points: 144
Course coordinator: 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 Master of Music a maximum of 48 credit points advanced standing will be granted to applicants with a four-year degree in Music and a GPA of 5 or higher, or a BMus(Hons) degree.

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
KMB056 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.

Course Structure

Full-time Students
Select three units from both first and second Semester, and both units in the Summer Program
Part-time Students
Select two units from both first and second Semester, and either one or both units in Summer
First Semester
KDP104 Safe Dance Practice
KDP105 Dance Analysis and Dance Histories
KDP189 Dance Assessment and Reporting
KDP190 Professional Practice For Dance Teachers
KDP191 Dance Teaching Methodologies
KDP192 Stagecraft and Costume For Dance
Second Semester
KDP104 Safe Dance Practice
KDP105 Dance Analysis and Dance Histories
KDP189 Dance Assessment and Reporting
KDP190 Professional Practice For Dance Teachers
KDP191 Dance Teaching Methodologies
KDP192 Stagecraft and Costume For Dance
Summer Program
KDP180 Dance Teaching Studies 1
KDP181 Dance Teaching Studies 2

■ 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

Semester 1, Year 1
KIN819 Electronic Publishing
KCB295 Virtual Cultures
KIN818 Introduction to Digital Media Technologies
Elective from List A or List B
Semester 2, Year 1
KCP336 New Media Technologies
KCB348 Applied Media Studies
Elective from List A or List B
Elective from List A or List B

Full-time 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
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
Elective

Part-time Course Structure

Year 1, Semester 1
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 Journalism (KJ36)

Award title: Graduate Diploma in Journalism
CRICOS code: 040340D
Location: Gardens Point
Course duration (full-time): 2 semesters
Course duration (part-time): 4 semesters (Part-time mode may not be available by evening study)
Total credit points: 96
Course coordinator: Dr Angela Romano

Entry requirements

A degree or diploma from a recognised tertiary institution with the proviso that 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 students are senior members of the relevant profession without a formal degree, provided they can demonstrate and document their grasp of the 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
KJB101 Journalism Information Systems
KJP120 Newswriting
KJP105 Theories of Journalism
Elective
Year 1, Semester 2
KJB121 Journalistic Inquiry
Elective
KJB280 International Journalism
OR
KJB337 Public Affairs Reporting
KJB224 Feature Writing
OR
KJB232 Radio and Television Journalism 1

Part-time Course Structure

Year 1, Semester 1
KJB101 Journalism Information Systems
KJB120 Newswriting
Year 1, Semester 2
KJB121 Journalistic Inquiry
Elective
Year 2, Semester 1
KJP105 Theories of Journalism
Elective
Year 2, Semester 2
KJB224 Feature Writing
OR
KJB232 Radio and Television Journalism 1
KJB280 International Journalism
OR
KJB337 Public Affairs Reporting

■ 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 Musicianship
KMB613 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:
KWB350 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
OR
significant and demonstratable 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 TAFE/VET 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
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
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.

Full-time Course Structure

Year 1, Semester 1
KJP105 Theories of Journalism
KJP120 Newswriting
KJP224 Feature Writing
KJB232 Radio and Television Journalism 1
OR
KJB232 Radio and Television Journalism 1

Part-time Course Structure

Year 1, Semester 1
KJP105 Theories of Journalism
KJP120 Newswriting
Year 1, Semester 2
KJP224 Feature Writing
KJP232 Radio and Television Journalism 1
OR
KJB322 Desktop Publishing and Editing

■ Graduate Certificate in Music (KM35)

Award title: Graduate Certificate in Music
CRICOS code: 034715F
Location: Kelvin Grove
Course duration (full-time): 1 semester
Course duration (part-time): 2 semesters
Total credit points: 48
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 Certificate: only if recently undertaken QUT Music units as a Visiting Student.

Course of Study

For the Graduate Certificate in Music students complete four 12 credit point units.

Course Structure

Pathway: Music Composition for the Creative Industries
KMB619 Music and Sound Technology
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
KMN613 Music and Sound 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

Christina Spurgeon; Communication Design: Mr Gavin Sade; Creative Writing: Assoc Prof Philip Neilsen

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
KKP391 Media Research Methods
List A Elective

Semester 2
KVB003 Honours Project 2
KKN002 Graduate Seminar

List A Electives
KTB275 Understanding Theatre
KTN200 Dramaturgy
KVB004 Contemporary Aesthetic Debates
KWP103 Creative Writing Theory
KPP104 Film and Television Production Theory
KJP105 Theories of Journalism
KCP110 Media Theory and Policy

■ Bachelor of Fine Arts (Honours) (Dance/Creative Writing/Film & Television/Visual Arts/Communication Design) (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
KKP391 Media Research Methods
Students may choose from electives in List A

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.

■ 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
KKP391 Media Research Methods
KJP105 Theories of Journalism

Year 1, Semester 2
KKB003 Honours Project 2
KKN002 Graduate Seminar

■ Bachelor of Music (Honours) (KK55)

Award title: Bachelor of Music (Honours)
CRICOS code: 031574E
Location: Kelvin Grove
Course duration (full-time): 1 year
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
KIN817 Project Management
ELECTIVE

Year 1, Semester 2
KKN003 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.

■ 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
KIB813 Contemporary Issues in Technology Design
Communication Design List B
Elective
Elective
Semester 2, Year 3
KIB805 Design Project A
KIB056 Professional Studies
Elective
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 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
Creative Industries Core Unit
Elective
Year 2, Semester 1
KWB229 Film and Television Scriptwriting
Creative Industries Core Unit
Elective
Choose one from the following:
KPB358 Documentary Theory and Practice
KWB381 Creative Nonfiction Writing 2
Year 2, Semester 2
KWB380 Creative Nonfiction Writing 1
KWB712 Youth Writing
Creative Industries Core Unit
Elective
Year 3, Semester 1
KWB370 Electronic Creative Writing
KWB381 Creative Nonfiction Writing 2
Elective
Elective
Year 3, Semester 2
KWB399 The Writing and Publishing Industry
Elective
Elective
Chose one from the following:
KTB307 Writing For Performance
KWB314 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
KDX144 Choreographic Studies 2
Creative Industries Core Unit - List A
Elective outside discipline - List B
Year 2, Semester 2
KDB114 Australian Dance
KDB183 Dance Technique Studies 4
KDB176 Popular Dance Styles
Creative Industries Core Unit - List A
Year 3, Semester 1
KDB117 Dance in Education
KDB158 Dance and Technology 1
KDB053 Gender Issues in the Visual and Performing Arts
Elective - List B
Semester 2, Year 3
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
KTB253 Theatre History: Staging Australia
Elective
Elective
Elective
Year 3, Semester 2
KTB272 Drama and Community Cultural Development
Elective
Elective
Elective

BCI (Drama) Electives Semester 1
KKB055 Professional Practice
KKB057 Independent Study
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
KTB056 Professional Studies
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
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
Elective List B
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
Elective List B
Year 3, Semester 2
Elective List B
Elective List B
KCB348 Applied Media Studies
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
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
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
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 - 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

■ 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
Creative Industries Core Unit

Year 1, Semester 2
KVB741 Studio Art Practice 2
KVB701 Modernism
Creative Industries Core Unit

Year 2, Semester 1
KVB742 Studio Art Practice 3
KVB703 Video Art and Culture
Creative Industries Core Unit

Year 2, Semester 2
KVB444 Contemporary Visual Arts of Asia
Visual Arts Elective
Creative Industries Core Unit
Elective

Year 3, Semester 1
Elective
Elective
Elective
Elective

Year 3, Semester 2
Visual Arts Elective
Elective
Elective
Elective

Visual Arts Electives
KVB447 Drawing
KVB457 Sculpture
KVB503 Clay Materials
KVB507 Painting
KVB509 Photographic Media
KVB511 Printmaking
KVB751 Extended Studio Practice 1
KVB752 Extended Studio Practice 2
KVB753 Extended Studio Practice 3
KVB754 Extended Studio Practice 4
KVB703 Video Art and Culture
KVB742 Studio Art Practice 3

■ Bachelor of Fine Arts (Acting) (KS25)

Award title: Bachelor of Fine Arts (Acting)
CRICOS code: 040300A
Location: Kelvin Grove
Course duration (full-time): 3 years
Total credit points: 288
Standard credit points per semester (full-time): 48
Course coordinator: John O'Hare

Course Structure

Semester1, Year 1
KSB202 Acting 1
KSB204 Voice and Movement 1
Creative Industries Core Unit
Elective
Semester 2, Year 1
KSB203 Acting 2
KSB205 Voice and Movement 2
KTB251 Theatre History: 20th Century Stages
Creative Industries Core Unit
Semester 1, Year 2
KSB011 Music Theatre Skills
KSB247 Acting 3
KSB233 Voice and Movement 3
Elective
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
KSB255 Theatre Project 1
Semester 2, Year 3
KSB056 Professional Studies
KSB256 Theatre Project 2

List A - Creative Industries Core Units

See Bachelor of Creative Industries (Media Studies) (KC32) in this section.

■ Bachelor of Fine Arts (Communication Design) (KI25)

Award title: Bachelor of Fine Arts (Communication Design)
CRICOS code: 020296B
Location: Kelvin Grove
Course duration (full-time): 3 years
Total credit points: 288
Course coordinator: Gavin Sade

Pathway 1 - Animation

Year 1, Semester 1
KVB755 Foundations of Drawing For Animation
KIB807 Media Technology 1
Creative Industries Core Unit
Creative Industries Core Unit
Year 1, Semester 2
KVB756 Foundations of Drawing For Animation 2
KIB808 Media Technology 2
KIB825 History of Animation
KIB816 Interactive Writing
Year 2, Semester 1
KIB804 3-D Animation 1
KIB803 Temporal Media
KIB809 Interaction Design 1
KMB626 Music and Sound For Multimedia
Year 2, Semester 2
KIB820 3-D Animation 2
KDX104 Architecture of the Body
KSB202 Acting 1
KIB821 Virtual Reality
Year 3, Semester 1
KIB805 Design Project A
KIB826 3-D Animation 3
KIB813 Contemporary Issues in Technology Design
Elective
Year 3, Semester 2
KIB806 Design Project B
KIB056 Professional Studies
Elective

Pathway 2 - Interaction Design

Year 1, Semester 1
KIB801 Foundations of Communication Design 1
KIB807 Media Technology 1
Creative Industries Core Unit
Creative Industries Core Unit
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
Semester 2, Year 2
KIB810 Information Architecture
KIB815 Interaction Design 2
KIB821 Virtual Reality
PYB057 Applied Cognitive Psychology
Year 3, Semester 1
KIB805 Design Project A
KIB822 Interaction Design 3
KIB813 Contemporary Issues in Technology Design
Elective
Year 3, Semester 2
KIB806 Design Project B
KIB056 Professional Studies
Elective

Pathway 3 - Sound Design

Year 1, Semester 1
KMB657 Music Production Studies 1
KIB807 Media Technology 1
KMB621 Sound Recording and Acoustics
Creative Industries Core Unit
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
KIB056 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 (Dance) (KD25)
Award title: Bachelor of Fine Arts (Dance)
CRICOS code: 032393B
Location: Kelvin Grove
Course duration (full-time): 3 years
Total credit points: 288
Standard credit points per semester (full-time): 48
Course coordinator: Evan Jones

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
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 (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
Semester 2, Year 1
KFB402 Design Studio 2
KVB757/2 Drawing For Fashion 1
KFB407/2 Textiles
KFB408 Fashion in Context
Creative Industries Core Unit
Semester 1, Year 2
KFB758 Drawing for Fashion 2
KFB408 Fashion in Context
MGB218 Venture Skills
Creative Industries Core Unit
KFB403 Design Studio 3
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

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
KPB268 Film and Television Drama Practice
KPB275 Video Drama Production

Semester 2, Year 3
KPB360 Documentary Production
KPB270 Film Drama Production

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

Semester 2, Year 2
KWB229 Film and Television Scriptwriting
KIB804 3-D Animation 1
KIB810 Information Architecture
KMB626 Music and Sound For Multimedia

Semester 1, Year 3
KPB358 Documentary Theory and Practice
KPB314 Media Business
KIB805 Design Project A
Elective

Semester 2, Year 3
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
Elective

Year 2, Semester 2
KSB291 Technical Production 3
KTB061 Arts Business Management
KTB271 Studies in Directing
KSB276 Visual Theatre - Design

Semester 1, Year 3
KSB294 Stage Management 3
KSB255 Theatre Project 1
Elective
Semester 2, Year 3
KTB056 Professional Studies
KSB256 Theatre Project 2

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
KIB808 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
KIB809 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 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 Journalism (KJ32)
Award title: Bachelor of Journalism
CRICOS code: 040293F
Location: Gardens Point
Course duration (full-time): 3 years
Total credit points: 288
Standard credit points per semester (full-time): 48
Discipline coordinator: Roger Patching

Professional Recognition
Creative Industries Journalism degrees are recognised by the Australian Journalists Association section of the Media, Entertainment and Arts Alliance.

Course Structure
Semester 1, Year 1
KJB120 Newswriting
KJB101 Journalism Information Systems
Creative Industries Core Unit
Elective
Semester 2, Year 1
KJB121 Journalistic Inquiry
KJB180 Speech Communication For Journalists
KJB275 Media Legal Issues
Creative Industries Core Unit
Semester 1, Year 2
KJB239 Journalism Ethics and Issues
KJB224 Feature Writing
KPB155 Media Production
Creative Industries Core Unit
Semester 2, Year 2
KJB232 Radio and Television Journalism 1
Creative Industries Core Unit
Elective
Elective
Semester 1, Year 3
KJB322 Desktop Publishing and Editing
KJB338 Radio and Television Journalism 2
Elective
Elective
Semester 2, Year 3
KJB303 News Production
KJB337 Public Affairs Reporting
Elective
Elective

■ 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
OR
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
Choose one from:
KDB171 Theatre Dance Styles
KMB638 Sound and Image
KMB631 World Music
KTB208 Elements of Drama
KMB618 Soundtracks For Film and Television
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
Elective

Year 3, Semester 1
KMB681 Music Project 1
Choose two from:
KDB171 Theatre Dance Styles
KMB638 Sound and Image
KMB631 World Music
KTB208 Elements of Drama
KMB618 Soundtracks For Film and Television
KMB629 Ensemble Project B

Year 3, Semester 2
KMB682 Music Project 2
Elective
Choose one from:
KMB056 Professional Studies
KMB640 Sex Drugs Rock N Roll
KDB176 Popular Dance Styles
KMB617 Arranging

Singer Songwriter 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
KMB640 Sex Drugs Rock N Roll

Year 2, Semester 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
KMB616 Ensemble Project A
KMB618 Soundtracks For Film and Television

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:
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
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
Choose one from:
KMB638 Sound and Image
KMB631 World Music
KKB818 Introduction to Multimedia Technology
KPB141 Film and Television Language

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:
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 Boughen

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

Education

Overview **142**

Senior Staff **142**

Research Centres **142**

Courses

- Doctor of Education (ED11) 143
- Master of Education (Research) (ED12) 147
- Master of Education (ED13) 149
- Master of Education (Teaching English to Speakers of Other Languages - TESOL) (ED14) 153
- Master of Teaching (Primary) (ED18) 154
- Master of Teaching (Secondary) (ED19) 154
- Graduate Diploma in Education (Computer Education) (ED21) 155
- Graduate Diploma in Education (Early Childhood) (ED20) 156
- Graduate Diploma in Education (Educational Management) (ED23) 156
- Graduate Diploma in Education (Learning Support) (ED28) 156
- Graduate Diploma in Education (Teacher Librarianship) (ED25) 157
- Graduate Certificate in Education (ED61) 157
- Graduate Certificate in Education (Teaching English to Speakers of Other Languages - TESOL) (ED77) 158
- Bachelor of Early Childhood (ED44) 159
- Bachelor of Early Childhood Studies (ED43) 159
- Bachelor of Education (Adult and Workplace Education) (ED54) 161
- Bachelor of Education (Early Childhood) - Graduate Course (ED57) 162
- Bachelor of Education (Early Childhood) (ED52) 162
- Bachelor of Education (In-service) (ED26) 164
- Bachelor of Education (Preservice) (Early Childhood) (ED53) 165
- Bachelor of Education (Primary) - Graduate Course (ED56) 166
- Bachelor of Education (Primary) (ED51) 166
- Bachelor of Education (Secondary) - Graduate Course (ED55) 169
- Bachelor of Education (Secondary) (ED50) 170

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 MEdSt 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*, BEdSt(Hons) *Qld*, PhD *Qld*

S.C. Taylor, BSc(Hons) DipEd *Leic*, BEd(Hons) PhD *James Cook*

School of Early Childhood

Head: C. Tayler, DipTeach BEd *MLCAE*, PhD *UWA*, FACE

Associate Professors:

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*, MSc *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 candidature 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

(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.

(iv) The Student Affairs Officer will forward copies of the thesis to the Faculty Research Committee for recommendation to Faculty Academic Board that the approved course of study has been completed and that the thesis should be accepted by the Faculty. Copies of the thesis will then be forwarded by the Student Affairs Officer to the Research Degrees Committee together with certification as noted above. Receipt of the thesis by Research Degrees Committee shall constitute the submission of the candidates' thesis for examination.

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 which will be open to the public. Members of the University Examination Committee will also be invited to attend but will be required to leave the meeting before the meeting before the Faculty Oral Panel discussion period.

(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, eg 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.

■ 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

used in the study; commencement of a comprehensive literature search.

During the preparation stage, students will complete the unit EDN612 Conducting Educational Research or a substitute approved by the course coordinator. Students who have undertaken prior study of an equivalent nature may apply for an exemption from this unit.

Proposal
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; trialing of research procedures.

The research proposal must be approved by the Course Coordination Committee before the student proceeds to the implementation stage.

Implementation
Implementation of the research of the thesis; completion of the literature review.

Submission
Completion and presentation of a thesis for approval by supervisor/s; production of the thesis in a suitable form for examination.

There will be no pre-specified completion times, or credit points allocated to these stages as there is a large amount of variation in the time students take to move through the stages.

Procedure for Enrolment

Before submitting an application form to enter the course, a candidate should make contact with staff members who might act a supervisor for the research project. The application form requires the attachment of a preliminary research proposal and assistance from a potential supervisor or supervisors should be sought to prepare this preliminary proposal. The course coordinator will provide assistance by way of an introduction to the services provided by the faculty in a manner which is sensitive to cross-cultural and gender identities of potential candidates. The course coordinator will provide applicants with names of suitable academic staff to approach about supervision. The availability of a suitable supervisor is a necessary prerequisite for admission into the course. Where research is to be conducted into equity matters in education, a supervisor will be provided.

Special Course Requirements

As a student proceeds through the four stages of the course, he or she will be required to submit a progress report to the course coordinator at the conclusion of each semester.

There is provision in the course structure for students to present their proposal and their research in progress to a research seminar. Such seminars will be held at regular intervals with the frequency depending on the number of research students. All students enrolled in this course are to attend such seminars to present their own work and to discuss and evaluate the work of their peers. Academic staff who supervise research students are also expected to attend seminars on a regular basis.

Transfer of Credit

(i) On the recommendation of the course coordinator, the Dean may grant credit fro 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.

(iv) 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.

(vii) 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

Progression

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 disputation 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.

Re-examination of the Dissertation

(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 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

Course Structure Option 1 - Area of Interest

Course Core Unit:
EDN611 Understanding Educational Research
Select 48 credit points from one area of interest, including the Area of Interest Foundation unit, and 36 credit points from anywhere within the course.

Course Structure Option 2 - no Area of Interest

Course Core Unit:
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:
EDN626 Learning and Teaching in Higher Education
Other units:
EDN627 Contexts and Issues in Higher Education
EDN628 Postgraduate Research Supervision
EDN629 Presentation and Delivery Modes in Higher Education
EDN630 Higher Education: Curriculum Design, Assessment and Evaluation
This area is only suitable for people currently working in a higher
education institution

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:

SPN626 Leading and Managing People
SPN627 Policy Development and Analysis
SPN628 Leadership for Change
SPN629 Current Issues in Leadership

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 Leading 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

Learning Support and Inclusive Education
Foundation unit:
SPN613 Learners With Special Needs: Programming for Inclusive Education
Other units:
CLN631 Policies and Practices for Inclusive Education
EAN607 Consultation and Teamwork
SPN614 Teaching Students With Learning Difficulties/disabilities
SPN615 Educational Intervention for Challenging Behaviour in the Classroom

Mathematics Education
Foundation unit:
MDN624 Contemporary Mathematics Curriculum: Context and Challenge
Other units:
MDN625 Exploring Students' Mathematical Reasoning
MDN626 Pedagogy in Mathematics Education
MDN627 Student Assessment in Mathematics
MDN636 Understanding Concepts in Mathematics and Science

Physical and Health Education
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

School Guidance and Counselling
Foundation unit:
SPN610 Advanced Educational Counselling
Other units:
SPN611 Educational Counselling Professional Practice
SPN612 Psychoeducational Assessment
SPN618 Career Development Programs

Students who have not done any counselling studies in their undergraduate degree must complete the SPB006 Educational Counselling prior to enrolling in SPN610 Advanced Educational Counselling.

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

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.

■ 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

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.

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).

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.

Guidelines for a Project

See the course entry for the Master of Education (ED13).

Progression and Unsatisfactory Progress

See the course entry for the Master of Education (ED13).

Full-time Course Structure

First semester of study
CLN608 Second Language Acquisition
CLN612 Principles of Second Language Methodology
Elective unit
Elective unit
Second semester of study
Elective unit
Elective unit
Elective unit
Elective unit

Part-time Course Structure

First semester of study
CLN608 Second Language Acquisition
CLN612 Principles of Second Language Methodology
Second semester of study
Elective unit
Elective unit
Third semester of study
Elective unit
Elective unit

Fourth semester of study
Elective unit
Elective unit

Elective units

Note, a selection of these units will be offered each semester. Some electives may be offered in Summer Program.

CLN613 Second Language Curriculum Design Options
CLN614 Research Methods 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 Teaming, 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 Teaming, 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
KVB412 Art Curriculum Studies 1
MDB325 Biology Curriculum Studies 1
CLB357 Business Communications and Technologies Curriculum Studies 1
MDB327 Chemistry Curriculum Studies 1
MDB329 Computing Curriculum Studies 1
KDB421 Dance Curriculum Studies 1
KTB414 Drama Curriculum Studies 1
MDB331 Earth Science Curriculum Studies 1
CLB359 Economics Curriculum Studies 1
CLB325 English Curriculum Studies 1
CLB447 English as a Second Language Curriculum Studies 1
CLB327 Film and Media Curriculum Studies 1
CLB361 Geography Curriculum Studies 1

HMB390 Health Education Curriculum Studies 1
CLB363 History Curriculum Studies 1
PUB312 Home Economics Curriculum Studies 1
CLB365 Legal Studies Curriculum Studies 1
CLB329 LOTE Curriculum Studies 1
MDB333 Mathematics Curriculum Studies 1
KMP423 Music Curriculum Studies 1
KMP434 Music Curriculum Studies 1a
HMB310 Physical Education Curriculum Studies 1
MDB335 Physics Curriculum Studies 1
CLB449 Primary LOTE Curriculum Studies 1
MDB337 Science Curriculum Studies 1
CLB367 Social Science Curriculum Studies 1

ED19/55 Curriculum Studies 2

List 2: Curriculum Studies 2
CLB356 Accounting/business Management Curriculum Studies 2
KVB413 Art Curriculum Studies 2
MDB326 Biology Curriculum Studies 2
CLB358 Business Communications and Technologies Curriculum Studies 2
MDB328 Chemistry Curriculum Studies 2
MDB330 Computing Curriculum Studies 2
KDB429 Dance Curriculum Studies 2
KTB415 Drama Curriculum Studies 2
MDB332 Earth Science Curriculum Studies 2
CLB360 Economics Curriculum Studies 2
CLB326 English Curriculum Studies 2
CLB448 English as a Second Language Curriculum Studies 2
CLB328 Film and Media Curriculum Studies 2
CLB362 Geography Curriculum Studies 2
HMB395 Health Education Curriculum Studies 2
CLB364 History Curriculum Studies 2
PUB322 Home Economics Curriculum Studies 2
CLB366 Legal Studies Curriculum Studies 2
CLB330 LOTE Curriculum Studies 2
MDB334 Mathematics Curriculum Studies 2
KMP431 Music Curriculum Studies 2
KMP433 Music Curriculum Studies 2a
HMB370 Physical Education Curriculum Studies 2
MDB336 Physics Curriculum Studies 2
CLB450 Primary LOTE Curriculum Studies 2
MDB338 Science Curriculum Studies 2
CLB368 Social Science Curriculum Studies 2

■ Graduate Diploma in Education (Computer Education) (ED21)

Award title: Graduate Diploma in Education (Computer Education)
CRICOS code: 011197B
Location: Kelvin Grove and External
Course duration (external): 2 years
Total credit points: 96
Course coordinator: Mr Paul Shield

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
or
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
or
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
and either
MDP536 Computer Graphics in Teaching
or
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
EAP537 Contexts of Early Childhood Education
EAB413 Management of Early Childhood Services
Year 2, Semester 2
EDP509 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 (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.

Course Structure

Year 1 - Semester 1
SPP506 Policies and Practices in Educational Management
and
SPP509 Managing the Curriculum
or
MGN409 Introduction to Management
Year 1 - Semester 2
SPP507 Educational Services Management
and
SPP505 Financial Management in Education Settings
or
BSB110 Accounting
Year 2 - Semester 1
SPP508 Human Resource Management in Education
Elective Unit
Year 2 - Semester 2
EDP514 Field Project
and
Elective Unit
or
EDP516 Extended Field Project

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 (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
SPB009 Research Methods in Education
SPP502 Programming for Students With Learning Difficulties/disabilities
Semester 2
CLP501 Socio-Cultural Issues in Education
LEP526 Literacy and Learning
LEP524 Consultation and Communication
MDP529 Diagnostic Assessment and Remedial Intervention in Mathematics

■ 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 Autistic Spectrum Disorder
Module 2: Behaviour Management for Autistic Spectrum Disorder
EDN603 Independent Study
SPN615 Educational Intervention for Challenging Behaviour in the Classroom

Behaviour Management

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
SPN617 Issues in Classroom Management

Career Guidance

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

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 MDP537 are core units.

Educational Counselling

Entry requirements: As for the Master of Education (ED13)
SPB006 Educational Counselling
SPN610 Advanced Educational Counselling
SPN611 Educational Counselling Professional Practice
SPN618 Career Development Programs

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 GradDipEd (Teacher-Librarianship) (ED25)
CLP527 Learning in the Information Age
CLP528 Resources for Learning
CLP529 Communication Within an Information Environment
CLP530 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 GradDipEd (Learning Support) (ED28)
SPP500 Learners With Special Needs
SPP501 Consultation and Communication
SPP502 Programming for Students With Learning Difficulties/disabilities
CLP501 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
MDN627 Student Assessment in Mathematics

Students wishing to undertake CLN611 should consult the area of interest coordinator.

Marine Studies
Entry requirements: As for the Bachelor of Education (Inservice) (ED26)
MDB395 Marine Studies Curriculum
MDB429 Initiatives in Science Education
EDB440 Independent Study

An additional 12 credit points are awarded for specified assessment and vocational qualifications.

Marine Studies (Advanced)
Entry requirements: As for the Master of Education (ED13)
MDB395 Marine Studies Curriculum
MDN630 Learning and Teaching in Contemporary Science Classrooms
EDN603 Independent Study
An additional 12 credit points are awarded for specified assessment and vocational qualifications.

Mathematics Education
Entry requirements: As for the Bachelor of Education (ED26)
MDB333 Mathematics Curriculum Studies 1
MDB411 Early Childhood Mathematics Teaching, Learning and Assessment
MDP529 Diagnostic Assessment and Remedial Intervention in Mathematics
EDB440 Independent Study
EDB442 Integrated Professional Seminars

Mathematics Education (Advanced)
Entry requirements: As for the Master of Education (ED13)
MDN624 Contemporary Mathematics Curriculum: Context and Challenge
MDN625 Exploring Students' Mathematical Reasoning
MDN626 Pedagogy in Mathematics Education
MDN627 Student Assessment in Mathematics
MDN636 Understanding Concepts in Mathematics and Science
EDN603 Independent Study

Science Education
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

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

■ Bachelor of Early Childhood (ED44)

Award title: Bachelor of Early Childhood
Location: External
Course duration (external): 2 years (Part-time)
Total credit points: 288 (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 Early Childhood is accredited by the Department of Families, Youth and Community Care for employment in the area of child care. Graduates are not eligible for teacher registration in Queensland.

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

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

■ 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
OR
EAB364 Academic and Professional Communication
AND
Discipline Foundation Elective (List 1)
Discipline Minor Elective (List 2)
Education Studies Elective (List 4)
Year 1, Semester 2
Early Childhood Curriculum Elective (List 3)
Early Childhood Curriculum Elective (List 3)
Discipline Foundation Elective Unit (List 1)
Discipline Foundation Elective Unit (List 1)
Year 2, Semester 1
EAB442 Motor and Social Development in Early Childhood
EAB347 Early Childhood Curriculum: Early Mathematical Explorations
EDB422 Early Childhood Professional Practice: Preschool/kindergarten
MDB386 Mathematics Foundations
Year 2, Semester 2
CLB344 Language and Literacy Foundations
OR
CLB352 Teaching Methodology for English as a Foreign Language 2
AND
EAB346 Early Childhood Curriculum: Science, Society and the Environment
EAB443 Cognition and Language in Early Childhood
SPB004 Teaching Exceptional Students
Year 3, Semester 1
EAB348 Early Childhood Curriculum: Arts
EAB350 Advanced Early Childhood Curriculum: Literacy and Numeracy in the Early Years
EAB412 Advanced Integrated Early Childhood Curriculum
Discipline Minor Elective (List 2)
Year 3, Semester 2
EAB413 Management of Early Childhood Services
EAB349 Advanced Early Childhood Curriculum: Arts
EDB420 Early Childhood Professional Practice: Child Care
Discipline Minor Elective (List 2)

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 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

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
KTB278 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
MDP536 Computer Graphics in Teaching
MDB397 Multimedia

List 3: 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

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
SPB017 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

SPB002 Psychology of Learning and Teaching
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)
EDB453 Secondary Professional Practice 4: The Beginning Teacher
Curriculum Studies Elective (List 4)

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

AYB225 Management Accounting 1
OR
BSB114 Government, Business and Society
Year 3, Semester 1
EDB450 Secondary Professional Practice 1: Classroom Management
CLB341 Language, Technology and Education
BSB116 Marketing and International Business
CLB003 Office Procedures

Credit Arrangements
On successful completion of the TAFE Diploma students will receive exemption for 84 credit points towards the Bachelor of Education (Secondary) ED50.

■ 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
SPB026 Adult Education in the Workplace and Community
Year 1, Semester 2
SPB029 Instructional Strategies For Adult and Workplace Educators
SPB023 Adult Learning and Development
Year 2, Semester 1
SPB028 The Group in Adult and Workplace Education
EDB400 Field Experience 1
EDB401 Field Experience 2
Year 2, Semester 2
CLB304 Context of Adult and Workplace Education
EDB400 Field Experience 1
EDB401 Field Experience 2
Year 3, Semester 1
SPB030 Programming in Adult and Workplace Education
SPB034 Organisation and Administration of Adult and Workplace Education
Year 3, Semester 2
SPB025 The Individual in Adult and Workplace Education
EDB402 Field Experience 3
Year 4, Semester 1
Education Studies Elective Unit (See List 1)
Curriculum Studies Elective Unit (See List 2)
Year 4, Semester 2
EDB403 Field Experience 4
Education Studies Elective Unit (See List 1)

List 1: 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
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
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
SPB031 Law in the Adult and Workplace Environment

List 2: Curriculum Studies Elective Units

Curriculum Studies Elective Units
CLB339 Adult Literacy and Second Language Learners
CLB405 Environmental Education
EDB440 Independent Study
MDB382 Problem Solving, Critical Thinking and Futuring
SPB032 Open Learning and Flexible Delivery
SPB013 Progressive Strategies For General and Vocational Education
SPB024 Acquisition and Adaptability of Workplace Knowledge and Skills

■ 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 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
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
EDB422 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
Year 4, Semester 2
EAB444 Inclusive Practices in Early Childhood
EDB423 Early Childhood Professional Practice: Choice

Accelerated Progression: Part-time Internal/External Course Structure

Year 1, Semester 1
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
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 on nearing 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
EDB411 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
KKB918 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
Three level one units from the selected Arts discipline area:

Music, Visual Arts, Drama or Dance.

Students must satisfy any specific entry requirements for Arts units. This could include auditions or portfolios.

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
KTB278 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
MDP536 Computer Graphics in Teaching
MDB397 Multimedia

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
MDB300 Teaching in the Information Age

List 4: Early Childhood Curriculum Elective Units

Elective unit offerings subject to approval

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
Course duration (external): 1 year full-time or 2 years part-time
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
ED50 BEd(Secondary)
ED51 BEd(Primary)
ED52 BEd(Early Childhood)
ED54 BEd(Adult & Workplace Education)

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; 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
SPB002 Psychology of Learning and Teaching
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

Full-time: Internal/External Accelerated Course Structure

Year 1, 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 1, Semester 2
KKB914 Visual and Performing Arts Curriculum 1
CLB454 Language and Literacy Curriculum
MDB383 Using Technology in the Curriculum
EDB431 Primary Professional Practice 2: Curriculum Decision Making
Year 1, Semester 3 (Summer Program)
SPB001 Human Development and Education
EDB432 Primary Professional Practice 3: The Inclusive Curriculum
MDB384 Science Education
CLB306 Understanding Educational Practices
Year 2, Semester 1
EDB433 Primary Professional Practice 4: Reflective Practice
SPB002 Psychology of Learning and Teaching
HMB307 Health and Physical Education Curriculum (Primary)
CLB413 Programming and Assessment in Language and Mathematics

Part-time: Internal/External Course Structure

Year 1, Semester 1
CLB305 Education in Context
MDB450 Primary Mathematics Curriculum
Year 1, Semester 2
SPB001 Human Development and Education
MDB383 Using Technology in the Curriculum
Year 2, Semester 1
CLB376 Studies of Society and Environment Curriculum
EDB430 Primary Professional Practice 1: Classroom Management
Year 2, Semester 2
CLB454 Language and Literacy Curriculum
EDB431 Primary Professional Practice 2: Curriculum Decision Making
Year 3, Semester 1
HMB307 Health and Physical Education Curriculum (Primary)
SPB002 Psychology of Learning and Teaching
Year 3, Semester 2
CLB306 Understanding Educational Practices
MDB384 Science Education
Year 4, Semester 1
EDB432 Primary Professional Practice 3: The Inclusive Curriculum
CLB413 Programming and Assessment in Language and Mathematics
Year 4, Semester 2
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
CLB454 Language and Literacy Curriculum
MDB383 Using Technology in the Curriculum
Year 1, Semester 3 (Summer Program)
CLB306 Understanding Educational Practices
CLB376 Studies of Society and Environment Curriculum
Year 2, Semester 1
HMB307 Health and Physical Education Curriculum (Primary)
EDB430 Primary Professional Practice 1: Classroom Management
Year 2, Semester 2
SPB001 Human Development and Education
EDB431 Primary Professional Practice 2: Curriculum Decision Making
Year 2, Semester 3 (Summer Program)
SPB002 Psychology of Learning and Teaching
MDB384 Science Education
Year 3, Semester 1
EDB432 Primary Professional Practice 3: The Inclusive Curriculum
CLB413 Programming and Assessment in Language and Mathematics
Year 3, Semester 2
KKB914 Visual and Performing Arts Curriculum 1
EDB433 Primary Professional Practice 4: Reflective Practice

■ Bachelor of Education (Primary) (ED51)

Award title: Bachelor of Education
CRICOS code: 000783G
Location: Kelvin Grove
Course duration (full-time): 2 years
Total credit points: 384
Course coordinator: Dr Jackie Stokes

Professional Recognition

The Bachelor of Education (Primary) is recognised by the Queensland Board of Teacher Registration as meeting the requirements for registration as a teacher in Queensland. Applicants for teacher registration in Queensland are subject to national criminal history checks.

LOTE Pathway

Students undertaking a LOTE pathway may be required to attend other campuses.

Students wishing to undertake studies in French, German, Indonesian or Japanese are required to select a specified sequence of six units (72 credit points). Students who have taken their LOTE to Year 12 or equivalent do not take the introductory units.

Research Pathway

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
and one of:
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
and one of:
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
CLB376 Studies of Society and Environment Curriculum
Students in LOTE Pathway undertake LOTE professional practice for EDB432

Semester 8
Education Studies Elective
Education Studies Elective
EDB433 Primary Professional Practice 4: Reflective Practice
and either
Curriculum Studies Elective
or for LOTE Pathway
CLB334 Primary LOTE Curriculum Studies

ED51 - Research Pathway Option

Year 3, Semester 2
EDB410 Introduction to Research Methods in Education
MDB374 Mathematics Curriculum 2
MDB384 Science Education
Discipline Studies Elective Unit

Year 4, Semester 1
EDB411 Dissertation
EDB432 Primary Professional Practice 3: The Inclusive Curriculum
CLB413 Programming and Assessment in Language and Mathematics
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
HMB314 Performance Skills 1
HMB316 Performance Skills 3
HMB332 Health Related Fitness
PUB127 Health Issues in Australia
HMB315 and HMB314 cannot be taken in the same semester as a Block Practical

Visual and Performing Arts

Three units from one of the selected Arts discipline area: Music, Visual Arts, Drama or Dance

Students must satisfy any specific entry requirements for Arts units.

The fourth unit may be taken from any of these areas.

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
KSB259 The Performance Instrument: Body and Voice
KTB271 Studies in Directing
KTB275 Understanding Theatre
KTB278 Technical Theatre

Music
KMB619 Music and Sound Technology
KMB912 Introductory Musicianship
KMB650 Introductory Ensemble
Additional Units
KMB631 World Music
KMB639 Music Directing
KMB640 Sex Drugs Rock N Roll

Visual Arts
KVB447 Drawing
KVP507 Painting
KVB457 Sculpture
KVP503 Clay Materials
KVP509 Photographic Media
KVP511 Printmaking
KVB702 Australian and Indigenous Art

Science

Minor
MDB389 Life and Living Processes
MDB390 Natural and Processed Materials
MDB391 Earth and Space
Additional Units
LSB142 Human Anatomy and Physiology
SCB202 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
HMB341 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
- Drama
- Dance
- Music (Secondary)
- Art
- English as a Second language (ESL)
- Primary Languages Other than English (Primary LOTE)

Group Y

- Accounting/Business Management
- Biology
- Chemistry
- Earth Science
- Economics
- English
- Film and Media
- Language Other than English (LOTE)
- Geography
- Health Education
- History
- Legal Studies
- Mathematics
- Physics
- Music (Primary)
- Music (Instrumental)

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)
CLB306 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
CLB341 Language, Technology and Education
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
MDB395 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 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 (60 credit points) of advanced units.

Extended Major: 120 credit points - consisting of 36 credit points of level one and the remainder (84 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 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 (60 credit points) of advanced units.

Extended Major: 120 credit points - consisting of 36 credit points of level one and the remainder (84 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 (60 credit points) of advanced units.

Extended Major: 120 credit points - consisting of 36 credit points of level one and the remainder (84 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 selected 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
Biology
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

Education Studies Elective (see List 3)
Education Studies Elective (see List 3)
EDB453 Secondary Professional Practice 4: The Beginning Teacher
Curriculum Studies Elective (see List 4)

Middle Years Pathway

Year 4, Semester 2

SPB008 The Middle Years of Schooling
SPB022 The Middle Years Curriculum
EDB453 Secondary Professional Practice 4: The Beginning Teacher
EDB443 Professional Internship of Associate Teaching

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 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

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
MDB395 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

Health

Overview **176**

Senior Staff **176**

Research Centres **177**

Courses

- Doctor of Health Science (HL90) 180
- Master of Applied Science (Research) (HL84) 181
- Master of Counselling (PY12) 181
- Master of Counselling Psychology (PY17) 181
- Master of Health Science (HL88) 182
- Master of Nursing (NS85) 183
- Master of Public Health (PU85) 184
- Graduate Diploma in Clinical Hypnosis (PY30) 185
- Graduate Diploma in Health Science (HL68) 185
- Graduate Diploma in Midwifery (NS68) 185
- Graduate Diploma in Nursing (NS64) 185
- Graduate Diploma in Occupational Health and Safety (PU65) 188
- Graduate Diploma in Psychology (PY08) 188
- Graduate Diploma in Public Health (PU60) 188
- Graduate Diploma in Road Safety (PY41) 189
- Post Graduate Diploma in Psychology (PY20) 189
- Graduate Certificate in Aged Care (NS39) 189
- Graduate Certificate in Cancer Nursing (NS31) 190
- Graduate Certificate in Clinical Hypnosis Practice (PY32) 190
- Graduate Certificate in Community Practice (NS34) 190
- Graduate Certificate in Emergency Care (NS41) 190
- Graduate Certificate in Environmental Health (PU32) 191
- Graduate Certificate in Health Promotion (PU39) 191
- Graduate Certificate in Health Science (HL38) 191
- Graduate Certificate in Health Services Management (PU38) 191
- Graduate Certificate in Human Movement Studies (Professional Studies) (HM30) 191
- Graduate Certificate in Intensive Care Nursing (NS30) 191
- Graduate Certificate in Medical/Surgical Nursing (NS33) 192
- Graduate Certificate in Paediatric, Child and Youth Health Nursing (NS35) 192
- Graduate Certificate in Road Safety (PY40) 192
- Graduate Certificate in Rugby Studies (HM34) 192
- Graduate Certificate in Sports Studies (HM38) 192
- Graduate Certificate in Women's Health (NS36) 193
- Bachelor of Applied Science (Honours) (HL52) 193
- Bachelor of Health Science (Honours) (HL55) 193
- Bachelor of Nursing (Honours) (HL50) 194
- Bachelor of Psychology (Honours) (PY09) 194
- Bachelor of Applied Science (Human Movement Studies) (HM42) 195
- Bachelor of Applied Science (Optometry) (OP42) 196
- Bachelor of Health Science (Environmental Health or Health, Safety and Environment) (PU40) 196
- Bachelor of Health Science (Health Information Management or Health Services Management) (PU40) 197
- Bachelor of Health Science (Nutrition and Dietetics) (PU43) 198
- Bachelor of Health Science (Nutrition and Dietetics)/Bachelor of Applied Science (Human Movement Studies) (HL42) 199
- Bachelor of Health Science (Nutrition) (PU40) 199
- Bachelor of Health Science (Podiatry) (PU43) 200
- Bachelor of Health Science (Public Health) (PU40) 200
- Bachelor of Nursing (Post-registration Stream) (NS40) 201
- Bachelor of Nursing (Pre-Registration Graduate Entry Stream) (NS40) 202
- Bachelor of Nursing (Pre-registration Stream) (NS40) 203
- Bachelor of Nursing/Bachelor of Applied Science (in Human Movement Studies) (HL40) 203
- Bachelor of Nursing/Bachelor of Health Science (Public Health) (HL46) 204
- Bachelor of Psychology (PY07) 205

OVERVIEW

The Faculty of Health is an industry leader educating professionals for a range of health related areas, conducts research and is actively engaged in continuing education and community service.

The Faculty has more than 3500 students enrolled in undergraduate and postgraduate programs. Undergraduate degree programs are delivered through five discipline- based schools of Human Movement Studies, Nursing, Optometry, Psychology and Counselling, and Public Health.

The **School of Human Movement Studies** is one of the fastest growing areas in health today. The School of Human Movement Studies offers programs that respond to the increasing community awareness of health, exercise, well-being, and fitness. A degree in Human Movement Studies equips graduates with the knowledge and skills for an active career in physical education, health education, rehabilitation, weight management, or exercise and sports science. The School has close links with the Queensland Reds and has formed a Centre for Rugby Studies to further develop and promote the sport of rugby. Postgraduate programs are offered in human movement studies (professional studies), and sports studies.

The **School of Nursing** is Queensland's largest and oldest provider of nursing education. Always at the cutting- edge of its field, the School offers the latest in clinical facilities and equipment, and a wide range of local, rural, and overseas opportunities for practical placements. Nursing graduates go on to work in a range of areas, including and beyond the traditional hospital ward. The School offers an undergraduate program in nursing, as well as specialised postgraduate programs.

The **School of Optometry** is the only optometry training facility in Queensland and one of three in Australia. As such, Optometry graduates are always in demand. The optometry degree prepares graduates for entry into the professional workforce and for Australia-wide registration. Students apply their knowledge through supervised clinical practice both in the School's purpose-built public optometry clinic and in the community. Postgraduate research programs are offered by the School at Masters and PhD level.

The **School of Psychology and Counselling** is located on QUT's spacious bushland campus at Carseldine. The School offers excellent teaching, technology and research facilities for its undergraduate and postgraduate courses. Programs provide graduates with the opportunity to gain practical qualifications that are well regarded in the community. The Bachelor of Psychology is a three-year degree program that will both prepare graduates for further studies in psychology, and offer excellent employment opportunities in a number of fields. Graduates aiming for professional registration may seek admission to a fourth year of study in either the Bachelor of Psychology (Honours) of the Post Graduate Diploma in Psychology. The school's postgraduate offerings include Masters in Counselling and Counselling Psychology, and Graduate Diplomas and Certificates in Hypnosis and Road Safety. These programs can also be undertaken at doctorate level.

The school has a Family and Counselling Clinic, which is open to the public, and a research centre in Road Safety and Accident Prevention. The school also teaches in programs offered by other academic areas such as Built Environment and Engineering, Business, Health and Science.

The **School of Public Health** is the most diverse of the Faculty's schools, offering undergraduate majors in areas such as health, safety and environment, environmental health, podiatry, nutrition and dietetics, health information management, health services management, emergency health services, and public health. A range of articulated postgraduate programs is also offered in a number of these areas plus other special fields such as health promotion, risk management, and health science.

Faculty staff maintain excellent ties with the health industry and work closely with national and international health and welfare organisations. These industry ties ensure that the faculty's programs deliver relevant skills and respond rapidly to new and emerging needs in health education in an era of advancing health technology.

The **Faculty of Health** is primarily based at QUT's Kelvin Grove campus, with the School of Psychology and Counselling located at Carseldine campus in the northern suburbs of Brisbane. At Kelvin Grove campus, two purpose-built complexes house state-of-the-art facilities including

- teaching clinics for Podiatry, Optometry and Human Movement Studies (children's activity and weight management programs, balance and gait assessment, health and fitness appraisals, and exercise prescriptions)
- a Nursing clinical practice unit with operational hospital rooms and a clinical suite
- Human Movement laboratories for biomechanics, exercise physiology, motor control, and functional anatomy
- student computer laboratories with the latest in general and health-related software
- multimedia lecture theatres and tutorial rooms
- fully equipped research laboratories
- and an ergonomics laboratory.

At Carseldine, a Family Therapy and Counselling Clinic provides supervised clinical experience for Counselling students.

SENIOR STAFF

Faculty Office

Dean: Professor K. J. Bowman AM, MScOptom *Melb*., LOSc, FAAO

Academic Adviser to the Dean: R. Nash, MHlthSc *CSturt*, BA *Qld*, DipAppSc *QUT*, FRCNA

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 *Tas*., 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*, MSocSc PhD *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. Lovie-Kitchin, MSc(Optom) *Melb*., GradDipRehab *LaT*., LOSc, PhD, FAAO

P. G. Swann, BSc(Hons) *Aston*, MAppSc, FCOptom, FAAO

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, BSocSc(Hons) *UCT*, MA (ClinPsy), PhD *Rhodes*

R. Tay, BSc(Hons) *Texas Tech*, MSc *Stanford*, PhD *Purdue*

School of Public Health

Head: B.F. Oldenburg, BSc(Hons), 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*, MSocSc *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 accelerometry 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 IIA or its equivalent from QUT or another recognised institution, and two years practice in a position of professional responsibility appropriate to the proposed course of study.

If, in the Dean's opinion the candidate has not completed substantial professional practice, then the candidate will be required to gain substantial professional experience during the course of the doctorate.

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 list 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
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 Ii
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

■ Master of Health Science (HL88)

Award title: Master of Health Science (Study Area A)
CRICOS code: 009030K
Location: Gardens Point and Kelvin Grove
Course duration (full-time): 3 Semesters
Course duration (part-time): 6 Semesters
Total credit points: 144
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 with the Faculty of Health.

Entry requirements

To be eligible for admission, candidates should: hold an appropriate three-year Bachelor degree or equivalent and should normally have at least one year of appropriate work experience; or hold an appropriate three-year Bachelor degree with an additional one year of honours; or hold an appropriate four-year Bachelor degree or equivalent; or hold an appropriate postgraduate diploma; or hold other qualifications acceptable to the Dean, which may include substantial work experience or involvement in relevant research activities.

Course Structure

Candidates can choose electives from a wide range of university postgraduate units, but these must be approved by the course and subject-area coordinators.

After successfully completing the equivalent of two semesters full-time study, students can exit the program with a Graduate Diploma in Health Science. A one calendar year option is available if students have a four-year undergraduate qualification, or if they have a three-year undergraduate qualification and incorporate a thesis, which is undertaken in the summer semester. Otherwise students will take one and a half years of full-time study to complete the program.

Special Notes

The Master of Health Science consists of at least eight 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 (see List A units in course structure) or from an approved suite from other faculties (List B units) or as research units. 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.

Full-time Course Structure

Year 1, Semester 1
Select four units
Year 1, Semester 2
Select four units
Year 2, Semester 1
Select four units
OR
HLN703 Project A
Plus two units
OR
HLN708 Project
OR
HLN700 Thesis

Part-time Course Structure

Year 1, Semester 1
Select two units
Year 1, Semester 2
Select two units
Year 2, Semester 1
Select two units
Year 2, Semester 2
Select two units
Year 3, Semester 1
Select from:
Two units
OR
HLN703 Project A
OR
HLN750/1 Thesis
Year 3, Semester 2
Select from:
Two units
OR
HLN703 Project A
OR
HLN704 Project B
OR
HLN750/2 Thesis

Unit List

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
PUB515 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

PUN009 Risk Treatment
EFN418 Introduction to Financial Risk Management
Sports Studies
HMP380 Sport Across the Lifespan
HMP389 Assessment in Sport
HMP385 Sport Practicum
HMP383 Sport Studies Project
Women's Health
NSN517 Women's Health Issues
NSN516 Sexual Reproductive Health
NSN509 Special Topic
Elective

Additional List A Units
Research Unit Electives
HLN701 Independent Study
HLN703 Project A
HLN704 Project B
HLN708 Project
HLN700 Thesis
HLN750 Thesis
Research Methods Electives
HLN405 Qualitative Research
PUN105 Health Statistics
HLN705 Introduction to Quantitative Research Methods
HLN706 Advanced Quantitative Research Methods
General Health Electives
PUN103 Advanced Epidemiology
PUN106 Population Health
PYN026 Advanced Counselling Psychology 1
PYN029 Advanced Counselling Psychology Ii
PYN460 Advanced Interventions for Addictive Behaviours
PYP401 Introduction to Road Safety
PYP402 Traffic Psychology and Behaviour
PYP404 Applying Traffic Psychology
Undergraduate Health Electives
(maximum two permitted)
HMB361 Functional Anatomy 2
HMB362 Biomechanics 2
HMB371 Motor Control and Learning 2
HMB374 Psychology of Rehabilitation
HMB381 Cardiovascular and Pulmonary Physiology in Exercise
HMB384 Injury Prevention and Rehabilitation
HMB480 Advanced Exercise Prescription
PUB509 Public Health Nutrition 2
PUB514 Contract/project Management
PUB515 Environmental Toxicology
PUB609 Health Resource Allocation

List B Elective (not available to HL38 or HL68 students)
Advertising, Marketing & Public Relations
AMN461 Corporate Media Strategy and Tactics
AMN463 Public Opinion and Public Relations
AMN465 Public Relations Management
AMN467 Public Relations Campaigns
Business Management
GSN200 Business Strategies
GSN207 Organisational Analysis and Consulting
MGN402 Government-Business Relations
MGN409 Introduction to Management
MGN412 People in Organisations
MGN413 Quality Systems Management
MGN421 Strategic HRM
MGN422 Contemporary Issues and Practices in Employee Relations
MGN425 The Context of Public Management
MGN424 International Dimensions of HRM
MGN426 International Trends in Public Management
MGN427 Human Resource Management
MGN517 Program Management and Evaluation
Accounting
AYN410 Business Law and Ethics
AYN416 Financial Accounting 1
AYN447 Issues in Electronic Commerce
Creative Industries
KCN410 Interpersonal Communication and Negotiation
KCP110 Media Theory and Policy
Legal and Justice Studies
KWN420 Theories of Human Communication
JSP001 Law and Government 1
JSP002 Criminal Law in Context 1
JSP081 Law and Public Policy
JSP083 Administrative Law and Justice
JSP084 Justice and Human Rights
LWS006 Health, Ethics and the Law
Education
SPN621 Adult and Workplace Education: Principles and Practices
SPN622 Legal Risk Management and Workplace Education
SPN623 Strategic Workplace Education
SPN624 Foundations of Adult Learning and Development
Information Technology
ITN212 Information Modelling for Databases
ITN510 Data Communications
ITN211 Systems Analysis and Design
ITN343 Principles of Information Management
ITN412 Technology of Information Systems

■ Master of Nursing (NS85)

Award title: Master of Nursing (Study Area A)
CRICOS code: 012644J
Location: Kelvin Grove
Course duration (full-time): 3 semesters
Course duration (part-time): 6 semesters
Total credit points: 144
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Dr Debra Anderson

Majors

The following majors are offered in this course:

- Aged Care
- Cancer Nursing
- Community Practice
- Intensive Care Nursing
- Medical/Surgical Nursing
- Mental Health
- Midwifery *
- Paediatric, Child and Youth Health
- Professional Studies
- Women's Health

* Midwifery is offered at Masters level but is a separate Graduate Diploma

Course Structure

The course structures offer a wider range of pathways for nurses working in diverse settings, while at the same time ensuring opportunities for in-depth study to develop an advanced level of competence in selected areas of nursing practice. Students may undertake one of ten different majors.

The Master of Nursing consists of the content of the Graduate Diploma in Nursing plus a further 48 credit points. Students who wish to graduate with a specified major in the Master of Nursing (except Professional Studies) will be required to complete the 96 credit points of the Graduate Diploma in Nursing units relevant to that major 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
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

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
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 Rick 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)

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 O 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 with 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 HL88)
Year 1, Semester 2
Select four units from List A
(refer Master of Health Science HL88)

Part-time Course Structure

Year 1, Semester 1
Select two units from List A
(refer Master of Health Science HL88)
Year 1, Semester 2
Select two units from List A
(refer Master of Health Science HL88)
Year 2, Semester 1
Select two units from List A
(refer Master of Health Science HL88)
Year 2, Semester 2
Select two units from List A
(refer Master of Health Science HL88)

■ 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
NSN507 Contemporary Practice Issues
NSN321 Foundations of Midwifery Practice
AND select ONE of the following:
HLN405 Qualitative Research
HLN705 Introduction to Quantitative Research Methods
HLN706 Advanced Quantitative Research Methods
Year 1, Semester 2
NSN322 Complex Issues for Childbearing Families
NSN323 Clinical Studies in Midwifery
NSN516 Sexual Reproductive Health
AND select ONE of either:
NSN509 Special Topic
OR Elective (see elective list)

Part-time Course Structure

Year 1, Semester 1
NSN311 Key Issues in Midwifery Practice
NSN321 Foundations of Midwifery Practice
Year 1, Semester 2
NSN322 Complex Issues for Childbearing Families
NSN516 Sexual Reproductive Health
Year 2, Semester 1
NSN507 Contemporary Practice Issues
AND select ONE of the following units:
HLN405 Qualitative Research
HLN705 Introduction to Quantitative Research Methods
HLN706 Advanced Quantitative Research Methods
Year 2, Semester 2
NSN323 Clinical Studies in Midwifery
AND Select ONE of either:
NSN509 Special Topic
OR Elective

Elective list

HLN405 Qualitative Research
NSN006 Specialisation in Paediatric, Child and Youth Health Nursing
NSN502 Critical Inquiry in Health Care
NSN508 Advanced Readings in Nursing
NSN515 Clinical Leadership and Management
NSN624 Collaborative Practice in the Community
Students studying 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

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

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
Elective (List B)

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

Semester 4

NSN623 Leadership and Management in the Community
HLN405 Qualitative Research
OR
HLN705 Introduction to Quantitative Research Methods
OR
HLN706 Advanced Quantitative Research Methods

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

Semester 4

NSN515 Clinical Leadership and Management
Elective (List B)
OR
Any other 12 credit point postgraduate unit for which the student has the necessary prerequisites

Mental Health

Full-Time Course Structure

Semester 1

NSN901 Mental Health Assessment
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

HLN405 Qualitative Research
OR
HLN705 Introduction to Quantitative Research Methods
OR
HLN706 Advanced Quantitative Research Methods
Semester 4
NSN928 Counselling in Mental Health Nursing
NSN929 Clinical Intervention Modalities in Mental Health Nursing

Professional Studies

Full-time Course Structure
Semester 1
NSN507 Contemporary Practice Issues
HLN405 Qualitative Research
OR
HLN705 Introduction to Quantitative Research Methods
OR
HLN706 Advanced Quantitative Research Methods
Elective (List A)
Elective (List A)
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
OR
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
Semester 2
NSN004 Acute Paediatric Nursing
OR
NSN005 Community Child and Youth Health Nursing
NSN523 Clinical Studies
Semester 3
NSN507 Contemporary Practice Issues
HLN405 Qualitative Research
OR
HLN705 Introduction to Quantitative Research Methods
OR
HLN706 Advanced Quantitative Research Methods
Semester 4
NSN515 Clinical Leadership and Management
Elective (List B)
OR
Any other 12 credit point postgraduate unit for which the student has the necessary prerequisites

Intensive Care Nursing, 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

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
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
* 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.

■ 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 Rick Management: Identification and Assessment Procedures
or
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 Rick Management: Identification and Assessment Procedures
or
PUP511 Occupational Health Management
PUP511 is written specifically for nurses wishing to practice as Occupational Health nurses. This unit is run as a Continuing Education course. Students attend an intensive 5 day session during the end of semester break. It will not be offered in 2002

■ Graduate Diploma in Psychology (PY08)

Award title: Graduate Diploma in Psychology
CRICOS code: 036434K
Location: Carseldine
Course duration (full-time): 2 semesters
Course duration (part-time): 4 semesters (may not be available by evening study)
Total credit points: 96
Course coordinator: Dr Julie Hansen

Course Structure

Semester 1 Part Time

PYB205 Social Psychology
PYB210 Research and Design and Data Analysis

Semester 2 Part Time

PYB203 Developmental Psychology
Elective

Semester 3 Part Time

PYB303 Cognitive Psychology
PYB304 Physiological Psychology

Semester 4 Part Time

PYB306 Psychopathology
PYB311 Psychological Assessment

Electives

PYB050 Qualitative Research Methods
PYB054 Psychology and Gender
PYB067 Human Sexuality
PYB158 Introduction to Substance Abuse in Australia
PYB159 Alcohol and Other Drug Studies
PYB206 Personality
PYB250 Environmental Psychology
PYB257 Group Work
PYB258 Introduction to Theory and Research in Hypnosis
PYB260 Psychopharmacology of Addictive Behaviour
PYB353 Occupational and Vocational Psyc
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

■ 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 Rick 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
and one of the following units:
PYP402 Traffic Psychology and Behaviour
CEP127 Road and Traffic Engineering
Year 1, Semester 2
PYP404 Applying Traffic Psychology
Any approved elective or a unit offered in Summer Program listed below:
Year 1, Summer Program
PYP405 Road Safety Evaluation Models
CEP151 Road Safety Audit
Consideration will be given to offering core or elective units in block mode, as demand warrants.
Year 2, Semester 1
Any two of the following units, not completed in Year 1:
PYP402 Traffic Psychology and Behaviour
PYP407 Independent Study
CEP127 Road and Safety Engineering
Year 2, Semester 2
PYP406 Road Safety Theory to Practice
And one of the following units or a unit offered in Summer Program:
PYP404 Applying Traffic Psychology
PYP407 Independent Study
Year 2, Summer Program
PYP405 Road Safety Evaluation Models
CEP151 Road Safety Audit
* 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 undertaken 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
And one of the following units:
PYP402 Traffic Psychology and Behaviour
CEP127 Road and Traffic Engineering
Year 1, Semester 2
PYP406 Road Safety Theory to Practice
And the following unit or one of the units offered in Summer Program
PYP404 Applying Traffic Psychology
Year 1, Summer Program
PYP405 Road Safety Evaluation Models
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

■ 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
HLN705 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 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
AND
One Elective Unit
Note: In HL50 Bachelor of Nursing (Honours) students 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
HLP103 Dissertation

Electives
Students undertake a 12 credit point elective. This may be selected from any honours or postgraduate program offered by the University, subject to prerequisite requirements and with the approval of the students supervisor and the course coordinator. Normally the elective unit is chosen from within the student's discipline area or from an area that complements or is germane to the students study program. For further information on available units contact the relevant school honours coordinator.

Students may also select either HLN405 Qualitative Research or HLN706 Advanced Quantitative Research Methods or MAN009 Experimental Design & Statistical Analysis for Research as an elective.

Dissertation
The Dissertation is one unit valued at 48 credit points and represents 50 per cent of the Honours course. Work on the dissertation commences during semester 1 (full-time mode) or semester 2 (part-time mode) and is completed over the course of the program. Preparation and presentation of the Dissertation is completed under the guidance of a supervisor.

Part-time Course Structure

Year 1, Semester 1
Select one of the following units:
HLN706 Advanced Quantitative Research Methods
HLN405 Qualitative Research
AND
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 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
AND
One Elective Unit
Note: In HL50 Bachelor of Nursing (Honours) students 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
HLP103 Dissertation

Electives
Students undertake a 12 credit point elective. This may be selected from any honours or postgraduate program offered by the University, subject to prerequisite requirements and with the approval of the students supervisor and the course coordinator. Normally the elective unit is chosen from within the student's discipline area or from an area that complements or is germane to the students study program. For further information on available units contact the relevant school honours coordinator.

Students may also select either HLN405 Qualitative Research or HLN706 Advanced Quantitative Research Methods or MAN009 Experimental Design & Statistical Analysis for Research as an elective.

Dissertation
The Dissertation is one unit valued at 48 credit points and represents 50 per cent of the Honours course. Work on the dissertation commences during semester 1 (full-time mode) or semester 2 (part-time mode) and is completed over the course of the program. Preparation and presentation of the Dissertation is completed under the guidance of a supervisor.

Part-time Course Structure

Year 1, Semester 1
Select one of the following units:
HLN706 Advanced Quantitative Research Methods
HLN405 Qualitative Research
AND
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
AND
One Elective Unit
Note: in HL50 Bachelor of Nursing (Honours) students 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
HLP103 Dissertation

Electives
Students undertake a 12 credit point elective. This may be selected from any honours or postgraduate program offered by the University, subject to prerequisite requirements and with the approval of the students supervisor and the course coordinator. Normally the elective unit is chosen from within the student's discipline area or from an area that complements or is germane to the students study program. For further information on available units contact the relevant school honours coordinator.

Students may also select either HLN405 Qualitative Research or HLN706 Advanced Quantitative Research Methods or MAN009 Experimental Design & Statistical Analysis for Research as an elective.

Dissertation
The Dissertation is one unit valued at 48 credit points and represents 50 per cent of the Honours course. Work on the dissertation commences during semester 1 (full-time mode) or semester 2 (part-time mode) and is completed over the course of the program. Preparation and presentation of the Dissertation is completed under the guidance of a supervisor.

Part-Time Course Structure

Year 1, Semester 1
Select one of the following units:
HLN706 Advanced Quantitative Research Methods
HLN405 Qualitative Research
AND
One elective unit
Note: in HL50 Bachelor of Nursing (Honours) students 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 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 to 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:
  - PYB203 Developmental Psychology
  - PYB205 Social Psychology
  - PYB201 Perception
  - PYB303 Cognitive Psychology
  - PYB304 Physiological Psychology
  - PYB306 Personality and Psychopathology
  - PYB311 Psychological Assessment
  - PYB210 Research Design and Data Analysis
  - PYB350 Advanced Statistical Analysis

External Applicants

For applicants with Bachelor's awards other than from QUT, similar requirements will be expected.

They will also be required to provide certified copies of complete academic transcripts and evidence of their eligibility to undertake an Honours program at their home institution.

Both internal and external applicants who reach the minimum criteria as outlined above may be required to undertake a further selection process.

Full-time Course Structure

Year 1, Semester 1
PYB400/1 Thesis - Part 1
PYB401 Advanced Research Methods
Two Elective Units
Year 1, Semester 2
PYB400/2 Thesis - Part 2
PYB400/3 Thesis - Part 3
PYB400/4 Thesis - Part 4
PYB407 Research and Professional Development Seminar

Part-time Course Structure

Year 1, Semester 1
PYB401 Advanced Research Methods
One Elective Unit
Year 1, Semester 2
PYB400/1 Thesis - Part 1
PYB407 Research and Professional Development Seminar
Year 2, Semester 1
PYB400/2 Thesis - Part 2
One Elective Unit
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

■ Bachelor of Applied Science (Human Movement Studies) (HM42)

Award title: Bachelor of Applied Science (Human Movement Studies)
CRICOS code: 012659B
Location: Kelvin Grove
Course duration (full-time): 4 years
Total credit points: 384
Standard credit points per semester (full-time): 48
Course coordinator: Dr Graham Costin

Professional Membership

Graduates are eligible for membership of the Australian Association for Exercise and Sports Science.

Special Course Requirements

Students must complete units totalling 384 credit points including foundation units, a major and a minor study, elective units, practicum experiences and fourth-year studies.

A major (10 units-120 credit points) must be completed in the specified discipline area of Exercise and Sport Science. This includes six compulsory second-level units (72 credit points), two compulsory third-level units (HMB379 and HMB382) (24 credit points), a Practicum unit (HMB470) (12 credit points) and one additional third-level unit (12 credit points).

As a professional degree, the program has a number of compulsory practicum experiences throughout the first two years in preparation for the third year practicum and substantive practicum period in Year 4.

Two minors must be completed. One minor (48 credit points) consisting of four units from level three Human Movement Electives. The second minor (48 credit points) may be undertaken from any approved discipline within QUT. It should consist of at least two units from level two and three.

The degree may be awarded with Honours: First Class Honours; Second Class Honours Division A; and Second Class Honours Division B. Candidates for the degree with Honours must fulfil the requirements for the pass degree and achieve such a standard of proficiency in all the units of the course as may from time to time be determined by the Health Academic Board and approved by the University Academic Board.

Full-time Course Structure

Year 1, Semester 1
HMB171 Fitness Health and Wellness
HMB313 Socio-Cultural Foundations of Physical Activity
LSB131 Anatomy
PYB012 Psychology
Year 1, Semester 2
LSB231 Physiology
HMB272 Biomechanics
HMB275 Exercise and Sport Psychology
HMB172 Nutrition and Physical Activity
Year 2, Semester 1
HMB271 Foundations of Motor Control, Learning and Development
HMB273 Bioenergetics and Muscle Physiology in Exercise
HMB274 Functional Anatomy
Major or Minor or Elective
Year 2, Semester 2
HMB276 Research in Human Movement
PYB007 Interpersonal Processes and Skills
HMB382 Principles of Exercise Prescription
Major or Minor or Elective
Year 3, Semester 1
HMB379 Disorders of Human Movement
Minor Study or Elective
HMB470 Practicum 1
Major or Minor or Elective
Year 3, Semester 2
HMB470 Practicum 1
Major or Minor or Elective
Major or Minor or Elective
Major or Minor or Elective

Year 4, Semester 1
HMB471 Project 1
Major or Elective
Major or Elective
Major or Elective
Year 4, Semester 2
HMB472 Project 2
HMB475 Practicum 2

Third Level Units

All third level units are not available in every semester. Students should consult School noticeboards for availability.
HMB277 Exercise and Sport Nutrition
HMB361 Functional Anatomy 2
HMB362 Biomechanics 2
HMB363 Independent Study
HMB364 Seminars in Human Movement
HMB371 Motor Control and Learning 2
HMB379 Disorders of Human Movement
HMB374 Psychology of Rehabilitation
HMB375 Adapted Physical Activity
HMB376 Motor Development in Children
HMB377 Children in Sport
HMB381 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 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
MAB140 Quantitative Methods for Optometry and Health Science
Year 1, Semester 2
LSB275 Biomolecular Science
LSB250 Human Physiology
OPB250 Optometry 2
PCB240 Optics 1
Year 2, Semester 1
OPB350 Optometry 3
PCB340 Optics 3
OPB351 Visual Science 3
OPB352 Ocular Anatomy and Physiology 3
Year 2, Semester 2
OPB450 Optometry 4
LSB492 Microbiology 3
OPB451 Visual Science 4
OPB452 Ocular Anatomy and Physiology 4
Year 3, Semester 1
OPB550 Diseases of the Eye 5
OPB551 Optometry 5
OPB552 Advanced Optometry 5
OPB553 Clinical Practice 5
Year 3, Semester 2
OPB650 Diseases of the Eye 6
OPB651 Contact Lens Studies
OPB652 Pharmacology
OPB653 Clinical Practice 6
Year 4, Semester 1
OPB750 Topics in Optometry 7
OPB751 Advanced Optometry 7
OPB752 Clinical Practice 7
OPB753 Specialist Clinical Practice 7
Year 4, Semester 2
OPB850 Topics in Optometry 8
OPB851 Advanced Optometry 8
OPB852 Clinical Practice 8
OPB853 Specialist Clinical Practice 8

■ Bachelor of 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
PYB057 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 (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: Subject Area Coordinator: Health Services Management - Ms Desley Vine; Health Information Management - Ms Jenny Nicol

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
PUB220 Medical Terminology
PUB298 Health Information Management 2

Year 2, Semester 2 - Health Information Management
MGB207 Human Resource Issues and Strategy
PUB356 Clinical Classification 1
PUB380 Casemix Management
PUB480 Health Administration Finance

Year 3, Semester 1 - Health Information Management
PUB314 Epidemiology and Statistics
PUB456 Clinical Classification 2
PUB511 Health Policy, Planning and Evaluation
PUB599 Health Information Management 3

Year 3, Semester 2 - Health Information Management
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

Year 2, Semester 2 - Health Services Management
MGB207 Human Resource Issues and Strategy
PUB380 Casemix Management
PUB433 Health Care Economics
PUB480 Health Administration Finance
Year 3, Semester 1 - Health Services Management
PUB314 Epidemiology and Statistics
PUB511 Health Policy, Planning and Evaluation
PUB514 Contract/project Management
Elective
Year 3, Semester 2 - Health Services Management
PUB418 Health Computer Systems
PUB609 Health Resource Allocation
Elective
Elective

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
HMB273 Bioenergetics and Muscle Physiology in Exercise
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

■ 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

Year 1, Semester 1
PCB142 Chemistry 1
LSB131 Anatomy
PUB251 Contemporary Public Health
PUB474 Food Studies
Year 1, Semester 2
PCB242 Chemistry 2
PUB233 Communication, Information and Education for Health
PUB201 Public Health Nutrition 1
PYB012 Psychology
Year 2, Semester 1
LSB308 Biochemistry
LSB358 Physiology 1
PUB314 Epidemiology and Statistics
PUB341 Nutrition Education
OR
PYB208 Counselling Theory and Practice 1
Year 2, Semester 2
LSB408 Metabolism
LSB458 Physiology 2
PUB405 Nutrition Science
LSB658 Clinical Physiology
OR
Elective
Year 3, Semester 1
PUB506 Foodservice Management
PUB509 Public Health Nutrition 2
PUB541 Medical Nutrition Therapy 1
HMB273 Bioenergetics and Muscle Physiology in Exercise
OR
Elective
Year 3, Semester 2
PUB501 Applied Counselling for Health Professionals
PUB628 Advanced Food Studies
PUB641 Medical Nutrition Therapy 2
PUB875 Professional Practice
Year 4, Semester 1
PUB722 Practice in Clinical Dietetics
PUB824 Practice in Food Service Management
Minor Elective
Minor Elective
Year 4, Semester 2
PUB606 Dietetic Management
PUB823 Practice in Community Nutrition
Minor Elective
Minor Elective
Credentialling requirements are for four semesters of study in anatomy/physiology. Students must choose either HMB273 Bioenergetics and Muscle Physiology in Exercise or LSB658 Clinical Physiology as their fourth unit.

Elective Units for the Nutrition and Dietetics Major

Students choose one elective cohesive with the chosen minor OR may make a free choice of a relevant unit. 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.

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:
LWS001 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:

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
PUB826 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
PUB233 Communication, Information and Education for Health
PUB201 Public Health Nutrition 1
PYB012 Psychology
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
Minor Elective
Year 3, Semester 1
PUB509 Public Health Nutrition 2
PUB557 Health Needs of Indigenous Australians and Other Populations
Minor Elective
Minor Elective
Year 3, Semester 2
PUB336 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 (Podiatry) (PU43)

Award title: Bachelor of Health Science (Podiatry)
CRICOS code: 022143C
Location: Kelvin Grove
Course duration (full-time): 4 years
Total credit points: 384
Standard credit points per semester (full-time): 48
Course coordinator: Ms Melinda Service
Discipline coordinator: Mr Alan Crawford

Professional Membership

Graduates are eligible for State Registration throughout Australia. This qualification is also acceptable for registration in the United Kingdom, New Zealand and some European countries. Graduates may also become Members of the Australian Podiatry Association and are eligible to apply for membership of Sports Medicine Australia.

Full-time Course Structure

Year 1, Semester 1
PCB142 Chemistry 1
LSB131 Anatomy
PCB150 Physics 1H
PUB251 Contemporary Public Health

Year 1, Semester 2
HMB272 Biomechanics
LSB235 Advanced Anatomy
LSB275 Biomolecular Science
PUB233 Communication, Information and Education for Health

Year 2, Semester 1
HMB274 Functional Anatomy
LSB451 Human Physiology
PUB314 Epidemiology and Statistics
PUB324 Podiatric Medicine 1

Year 2, Semester 2
LSB475 Disease Processes 4
LSB492 Microbiology 3
PUB316 Research Methods
PUB424 Podiatric Medicine 2

Year 3, Semester 1
PUB522 Podiatric Anaesthesiology
PUB523 Medicine
PUB524 Podiatric Medicine 3
PUB525 Pharmacology

Year 3, Semester 2
PUB623 Dermatology
PUB624 Podiatric Medicine 4
PUB635 Podiatric Surgery
PUB637 Radiographic Image Interpretation

Year 4, Semester 1
PUB726 Orthopaedics
PUB727 Physical Medicine
PUB728 Clinical Medicine 1
PUB729 Professional Internship 1

Year 4, Semester 2
PUB826 Project and Professional Management
PUB827 Sports Medicine
PUB828 Clinical Medicine 2
PUB829 Professional Internship 2

■ Bachelor of Health Science (Public Health) (PU40)

Award title: Bachelor of Health Science (Public Health)
CRICOS code: 022142D
Location: Kelvin Grove
Course duration (full-time): 3 years
Total credit points: 288
Standard credit points per semester (full-time): 48
Course coordinator: Mrs Melinda Service
Discipline coordinator: 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
Minor Elective
Minor Elective

Year 2, Semester 2
PUB316 Research Methods
PUB406 Introduction to Health Promotion
Minor Elective
Minor Elective

Year 3, Semester 1
PUB511 Health Policy, Planning and Evaluation
PUB514 Contract/project Management

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
PUB406 Introduction to Health Promotion
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
PUB557 Health Needs of Indigenous Australians and Other Populations

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 3 more units:
NSB223 Mental Health Nursing
NSB501 Politics, Technology and Nursing
PYB073 Introduction to Behavioural Sciences and Health Care
Any other approved unit/s

Year 1, Semester 2
NSB321 Professional Nursing Development
Select 3 more units:
HHB120 Ethics, Law and Health Care
NSB113 Values, Culture and Diversity
NSB424 Nursing Therapeutics
Elective OR
Any other approved unit/s

Part-time Course Structure - NB not available to International Students

Year 1, Semester 1
Select two units:
NSB223 Mental Health Nursing
NSB501 Politics, Technology and Nursing
PYB073 Introduction to Behavioural Sciences and Health Care
Any other approved unit

Year 1, Semester 2
Select two units:
NSB321 Professional Nursing Development
HHB120 Ethics, Law and Health Care
NSB113 Values, Culture and Diversity
NSB424 Nursing Therapeutics
Elective (see elective list) OR
Any other approved unit

Year 2, Semester 1
NSB224 Research Approaches in Nursing
Select one more unit:
NSB223 Mental Health Nursing
NSB501 Politics, Technology and Nursing
PYB073 Introduction to Behavioural Sciences and Health Care
Any other approved unit

Year 2, Semester 2
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

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

NSB122 Clinical Practice 1
NSB212 Clinical Practice 2
Year 1, Semester 2
NSB423 Medical-Surgical Nursing 2
NSB424 Nursing Therapeutics
HHB120 Ethics, Law and Health Care
NSB222 Clinical Practice 3
Year 2, Semester 1
NSB500 Medical-Surgical Nursing 3
NSB501 Politics, Technology and Nursing
NSB322 Clinical Practice 4
Year 2, Semester 2
NSB321 Professional Nursing Development
Elective
NSB323 Clinical Practice 5

■ Bachelor of Nursing (Pre-registration Stream) (NS40)

Award title: Bachelor of Nursing
CRICOS code: 003501K
Location: Kelvin Grove
Course duration (full-time): 3 years
Course duration (part-time): 6 years
Total credit points: 288
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Dr Alan Barnard

Streams in NS40 Bachelor of Nursing

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

Year 1, Semester 1
LSB182 Bioscience 1
PYB073 Introduction to Behavioural Sciences and Health Care
NSB117 Nursing and the Health Care System
NSB118 Health Assessment and Nursing Practice
Year 1, Semester 2
LSB282 Bioscience 2
NSB225 Promoting Health Across the Lifespan
NSB113 Values, Culture and Diversity
NSB122 Clinical Practice 1
Year 2, Semester 1
LSB382 Bioscience 3
NSB324 Medical-Surgical Nursing 1
NSB212 Clinical Practice 2
NSB223 Mental Health Nursing
Year 2, Semester 2
NSB423 Medical-Surgical Nursing 2
NSB424 Nursing Therapeutics
HHB120 Ethics, Law and Health Care
NSB222 Clinical Practice 3
Year 3, Semester 1
NSB500 Medical-Surgical Nursing 3
NSB322 Clinical Practice 4
NSB501 Politics, Technology and Nursing
NSB224 Research Approaches in Nursing
Year 3, Semester 2
NSB321 Professional Nursing Development
NSB323 Clinical Practice 5
Elective

This course was reviewed during 2001. Continuing students in 2002 should seek advice from the Course Coordinator on transition arrangements.

Part-time Course Structure

Year 1, Semester 1
LSB182 Bioscience 1
NSB117 Nursing and the Health Care System
Year 1, Semester 2
LSB282 Bioscience 2
NSB113 Values, Culture and Diversity
Year 2, Semester 1
LSB382 Bioscience 3
NSB118 Health Assessment and Nursing Practice
Year 2, Semester 2
NSB225 Promoting Health Across the Lifespan
NSB122 Clinical Practice 1
Year 3, Semester 1
PYB073 Introduction to Behavioural Sciences and Health Care
NSB324 Medical-Surgical Nursing 1
Year 3, Semester 2
NSB423 Medical-Surgical Nursing 2
HHB120 Ethics, Law and Health Care
Year 4, Semester 1
NSB223 Mental Health Nursing
NSB212 Clinical Practice 2
Year 4, Semester 2
NSB424 Nursing Therapeutics
NSB222 Clinical Practice 3
Year 5, Semester 1
NSB501 Politics, Technology and Nursing
NSB224 Research Approaches in Nursing
Year 5, Semester 2
NSB321 Professional Nursing Development
Elective (see list below)
Year 6, Semester 1
NSB500 Medical-Surgical Nursing 3
NSB322 Clinical Practice 4
Year 6, Semester 2
NSB323 Clinical Practice 5

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
PUB203 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) (HL40)

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 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

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.

Full-time 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
LSB182 Bioscience 1
NSB118 Health Assessment and Nursing Practice
PUB314 Epidemiology and Statistics
PUB329 Foundations of Health Studies and Health Behaviour
Public Health Elective
Year 2, Semester 2
LSB282 Bioscience 2
NSB122 Clinical Practice 1
NSB225 Promoting Health Across the Lifespan
PUB316 Research Methods
PUB406 Introduction to Health Promotion
Year 3, Semester 1
LSB382 Bioscience 3
NSB212 Clinical Practice 2
NSB223 Mental Health Nursing
NSB324 Medical-Surgical Nursing 1
Year 3, Semester 2
HHB120 Ethics, Law and Health Care
NSB222 Clinical Practice 3
NSB423 Medical-Surgical Nursing 2
NSB424 Nursing Therapeutics
PUB875 Professional Practice
Year 4, Semester 1
NSB322 Clinical Practice 4
NSB500 Medical-Surgical Nursing 3
NSB501 Politics, Technology and Nursing
PUB511 Health Policy, Planning and Evaluation
PUB514 Contract/project Management
Year 4, Semester 2
NSB321 Professional Nursing Development
NSB323 Clinical Practice 5
PUB609 Health Resource Allocation

Public Health Elective List

PUB341 Nutrition Education
PUB349 Families and Households
PUB557 Health Needs of Indigenous Australians and Other Populations

■ 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
Elective
PYB210 Research and Design and Data Analysis
Elective

Semester 4
PYB201 Perception
PYB203 Developmental Psychology
PYB206 Personality
Elective

Semester 5
PYB302 Industrial and Organisational Psychology
PYB303 Cognitive Psychology
PYB304 Physiological Psychology
Elective

Semester 6
PYB306 Psychopathology
PYB311 Psychological Assessment
Elective
Elective**

*An elective has been placed in the enrolment program for Semester 2. In consultation with the Course Coordinator this may be changed later to any first year elective from a course in QUT. Details will be finalised during Orientation.

**PYB350 is compulsory if you wish to continue into the Bachelor of Psychology (Honours) program. Otherwise another elective can be taken.

Part-time Course Structure

Semester 1
PYB101 Introduction to Psychology 1a
PYB000 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

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 Psyc
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/

Humanities and Human Services

Overview **208**

Senior Staff **208**

Research Centres **208**

Courses

- Master of Arts (Research) (HH40) 209
- Master of Social Science (Human Services) (HH32/HS16) 209
- Graduate Diploma in Social Science (Human Services) (HH31/HS15) 210
- Graduate Certificate in Social Science (Human Services) (HH30/HS13) 210
- Bachelor of Arts (Honours) (HH21/HU21) 211
- Bachelor of Social Science (Honours) (HH23/SS13) 211
- Bachelor of Social Science (Honours) (Human Services) (HH22/HS14) 211
- Bachelor of Arts (HH01) 212
- Bachelor of Social Science (HH03) 214
- Bachelor of Social Science (Human Services) (HH02/HS07) 216

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

■ 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
HHB410 Logic of Social Inquiry
HHN001/1 Research Project 1
Elective
Elective

NB The Electives will be drawn either from units offered in approved Honours or coursework Masters degree programs, or from advanced undergraduate units subject to approval by the Discipline Coordinator
Year 1, Semester 2
HHN002 Graduate Seminar
HHN001/2 Research Project 2
HHN001/3 Research Project 3
HHN001/4 Research Project 4
Year 2, Semester 1
HHN001/5 Research Project 5
HHN001/6 Research Project 6
HHN001/7 Research Project 7
HHN001/8 Research Project 8

Entry with three-year qualification - Part-time Course Structure

Year 1, Semester 1
HHB410 Logic of Social Inquiry
Elective
Year 1, Semester 2
HHN002 Graduate Seminar
Elective

NB The Elective will be drawn either from units offered in approved Honours or coursework Masters degree programs, or from advanced undergraduate units subject to approval by the Discipline Coordinator
Year 2, Semester 1
HHN001/1 Research Project 1
HHN001/2 Research Project 2
Year 2, Semester 2
HHN001/3 Research Project 3
HHN001/4 Research Project 4
Year 3, Semester 1
HHN001/5 Research Project 5
HHN001/6 Research Project 6
Year 3, Semester 2
HHN001/7 Research Project 7
HHN001/8 Research Project 8

Entry with four-year qualification - Full-time Course Structure (48 credit points of exemption)

Year 1, Semester 1
HHN001/1 Research Project 1
HHN001/2 Research Project 2
HHN001/3 Research Project 3
HHN001/4 Research Project 4
Year 1, Semester 2
HHN001/5 Research Project 5
HHN001/6 Research Project 6
HHN001/7 Research Project 7
HHN001/8 Research Project 8

Entry with four-year qualification - Part-time Course Structure (48 credit points of exemptions)

Year 1, Semester 1
HHN001/1 Research Project 1
HHN001/2 Research Project 2
Year 1, Semester 2
HHN001/3 Research Project 3
HHN001/4 Research Project 4
Year 2, Semester 1
HHN001/5 Research Project 5
HHN001/6 Research Project 6
Year 2, Semester 2
HHN001/7 Research Project 7
HHN001/8 Research Project 8

■ Master of Social Science (Human Services) (HH32/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
HHB210 Indigenous Australia: Country, Kin and Culture
HHB212 Community Work
HHB303 Aged Services: Advanced
HHB304 Child and Family Services: Advanced
HHB305 Corrective Services: Advanced
HHB306 Disability Services: Advanced
HHB307 Services to Young People: Advanced
PYB159 Alcohol and Other Drug Studies

Year 1, Semester 2
HHP013 Managing Human Service Organisations
HHP015 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
HHP006 Disability Services - Graduate Studies
HHP007 Youth Services - Graduate Studies
HHB210 Indigenous Australia: Country, Kin and Culture
HHB211 Casework and Case Management
HHB213 Social Policy Processes
HHB214 Group and Team Practice
HHB224 Qualitative Research Methods
HHB232 Survey Methods
HHB328 Researching Applied Ethics
PYB208 Counselling Theory and Practice 1
PYB110 Psychological Research Methods

Note: Students will be encouraged to select only one undergraduate unit per semester

Year 2, Semester 1
HHP020 Human Services Practice Related Research 1 -2
HHP020 Human Services Practice Related Research 1 -2

■ Graduate Diploma in Social Science (Human Services) (HH31/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:
HHB410 Logic of Social Inquiry
GSN408 Marketing Management 1
GSN418 Marketing Management 2
MGN516 Policy Analysis
MGN517 Program Management and Evaluation
HHB210 Indigenous Australia: Country, Kin and Culture
HHB212 Community Work
HHB303 Aged Services: Advanced
HHB304 Child and Family Services: Advanced
HHB305 Corrective Services: Advanced
HHB306 Disability Services: Advanced
HHB307 Services to Young People: Advanced
PYB159 Alcohol and Other Drug Studies

Year 1, Semester 2
HHP013 Managing Human Service Organisations
HHP015 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
HHB210 Indigenous Australia: Country, Kin and Culture
HHB211 Casework and Case Management
HHB213 Social Policy Processes
HHB328 Researching Applied Ethics
HHB214 Group and Team Practice
HHB224 Qualitative Research Methods
HHB232 Survey Methods
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): 48
Standard credit points per semester (part-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:
HHB303 Aged Services: Advanced
HHP003 Aged Services - Graduate Studies
HHB304 Child and Family Services: Advanced
HHP004 Child and Family Services - Graduate Studies
HHB305 Corrective Services: Advanced
HHB306 Disability Services: Advanced
HHP006 Disability Services - Graduate Studies
HHB307 Services to Young People: Advanced
HHP007 Youth Services - Graduate Studies

Note: the choice of electives can only include one service context Advanced unit

■ Bachelor of Arts (Honours) (HH21/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
One 12 credit point elective offering from the advanced units offered in the undergraduate program, chosen in consultation with the thesis supervisor and approved by the Honours Coordinator, OR
HHB320 Independent Project 1
Year 1, Semester 2
HHB402 Research Colloquium
HHB405 Honours Dissertation 2 (1-2)

■ Bachelor of Social Science (Honours) (HH23/SS13)

Award title: Bachelor of Social Science (Honours) (Sociology)
CRICOS code: 027279B
Location: Carseldine
Course duration (full-time): 2 semesters
Course duration (part-time): 4 semesters
Total credit points: 96
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Dr Judith Burton

Course Structure

The Honours course contains a mix of advanced theory, research training and a research project leading to a thesis. Coursework provides both for disciplinary specialisation, and an inter-disciplinary elective option selected in consultation with the Course Coordinator. The research colloquium will foster oral communication skills relevant to conference presentations. The thesis will be completed under the guidance of an individual supervisor.

Note: Part-time Students

Part-time students may take units in an alternative sequence approved by the Course Coordinator

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 assessed units (PYB454, HHB403, 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 University.

Full-time Course Structure

Year 1, Semester 1
HHB410 Logic of Social Inquiry
HHB403 Literature Review
HHB404 Honours Dissertation 1
Plus one of the elective offerings
HHB312 Geographical Research Design
HHB310 Globalisation and Social Theory
Or any other advanced elective unit which is best tailored to student's needs. The selection of electives should be discussed with your thesis supervisor and approved by the Honours Coordinator.
Year 1, Semester 2
HHB402 Research Colloquium
HHB405 Honours Dissertation 2 (1-2)

■ Bachelor of Social Science (Honours) (Human Services) (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
HHP011 Critical Issues in the Human Services
HHB400/1 Research Thesis
Either
HHB400/2 Research Thesis
Or research methods elective (see table below)
Semester 2
Either
HHB400/2 Research Thesis
Or research methods elective (see table below)
HHB400/3 Research Thesis
HHB400/4 Research Thesis
HHB400/5 Research Thesis
Research Methods Electives
Semester 1
HHB232 Survey Methods
Semester 2
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
Either
HHB400/2 Research Thesis
Or research methods elective (see table below)
Year 2, Semester 1
Either
HHB400/2 Research Thesis
Or research methods elective (see table below)
hhb400/3 Research Thesis
Year 2, Semester 2
HHB400/4 Research Thesis
HHB400/5 Research Thesis

Research Methods Electives
Semester 1
HHB232 Survey Methods
Semester 2
HHB328 Researching Applied Ethics
PYB110 Psychological Research Methods
HHB224 Qualitative 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)

NB: Students must maintain 50% enrolment in units from the BA programme until they have completed 8 of those units.

16 of the 24 units in the BA must be chosen from units in the BA programme.

A unit may not be counted in more than one professional major, discipline sequence, co-major or minor study sequence.

Key Terms

Professional Major - one of four interdisciplinary study sequences in the BA degree (International and Global Studies, Society and Change, Ethics and Human Rights, Community Studies), consisting of one core unit plus six further units from the appropriate list (making a total of 84 credit points). Students must complete at least one of these to fulfil the requirements of the degree.

Discipline Sequence - a set of six units (72 credit points) in a given discipline (Geography, History, Languages, Social Science). In Languages, this consists of six sequenced units in one Language. In other disciplines the six units must include one introductory unit to the discipline.

Co-major - a set of six units (72 credit points) from another QUT course or faculty.

Minor Study Sequence - a study sequence of any four units (48 credit points) in a given subject area.

Elective units - units selected by students to fit into their study programs. They can be selected from units offered by any faculty in the university.

International and Global Studies Professional Major

The major in International and Global Studies serves students seeking employment in job markets that demand and value knowledge of trends and outcomes in internationalisation, understanding of cultural diversity, knowledge of world regions, cultures and societies, and skills associated with global literacy. Students will be able to tailor learning packages to their professional interests and may choose to concentrate on 'global perspectives' or 'international studies' (Asian studies, European studies, Pacific studies). This major may be combined with language study in Indonesian, French, Japanese, German or Mandarin.

Refer to Core Program and Electives: Students are advised to take 1 or 2 Core Units, 1 Unit from Strand A, 1 Unit from Strand B, 3 or 4 Units selected from either Strand (Total of 7 units)

Society and Change Professional Major

The Society and Change major provides an interdisciplinary approach to understanding the dynamics of social change with particular emphasis on 'the environment, change and society', 'societies in transition' and 'the individual and society'. Students will acquire substantive knowledge on social and cultural aspects of change. Students are challenged to take a critical and analytical approach to their study. Many of the units provide case studies of social change, and graduates of this major will be equipped with transferable analytical, research and interpersonal skills required for adaptation to rapidly changing work environments.

Refer to Core Program and Electives: Students are advised to take 1 or 2 Core Units, 4-6 units from within Strands A, B & C, with no more than 1 Change Management or Project unit. (Total of 7 units)

Ethics and Human Rights Professional Major

The major in Ethics and Human Rights provides students with the opportunity to develop as socially responsible and responsive practitioners. Dramatic changes in the human condition, such as those already emerging from globalisation and biotechnology, will be a significant feature of life in the twenty-first century. This major will equip students with understandings, skills and strategies that will enable them to address change in ways that optimise outcomes which promote the well-being of individuals and communities. The major is organised around five themes: 'ethical understandings and theory', 'human rights', 'identity studies', 'ethics and technology' and 'ethical practice'.

Refer to Core Program and Electives: Students are advised to take 1 or both Core Units, 5 or 6 electives from Strands A - E.

Community Studies Professional Major

In the Community Studies major the 'knowledge explosion' is addressed by an open-ended teaching and learning approach to equip students to better understand the communities to which they belong from past, present and future perspectives. As students get to know how communities are structured, they consider which holds communities together and what undermines them, and consider how communities can be enhanced. The two strands of the major are 'community practice' which encompasses the concept of community and a detailed

investigation of community processes, and 'Australian studies' which looks specifically at the Australian community and Australia's relationships with countries around it.

Refer to Core Program and Electives: Students are advised to take 1 or 2 Core Units, 5-6 units from either Strand A or B.

Discipline Sequences

Discipline sequences of six units are available in the following areas:

- Geography
- History
- French
- German
- Indonesian
- Japanese
- Mandarin
- Sociology
- Politics

Minors

All of the interdisciplinary professional majors and discipline sequences are also available to be taken as minors. To complete a minor in one of these areas, students will need to pass any four units from the relevant list.

Example of Full-Time Course Structure

Year 1, Semester 1
Core unit (major)
Core unit (major)
Core unit (major or skills)
Core unit (major or skills)

Year 1, Semester 2
Major unit
Major unit
Co-major unit*/Professional major/Discipline sequence
Elective unit

Year 2, Semester 1
Major unit
Co-major unit*/Professional major/Discipline sequence
Co-major unit*/Professional major/Discipline sequence
Core unit (research methods)

Year 2, Semester
Major unit
Co-major unit*/Professional major/Discipline sequence
Elective unit
Core unit (research methods)

Year 3, Semester 1
Major unit
Co-major unit*/Professional major/Discipline sequence
Core unit (internship)
Core unit (internship)

Year 3, Semester 2
Major unit
Co-major unit*/Professional major/Discipline sequence
Elective unit
Elective unit

* or second professional major or discipline sequence

Core Program

First Year Core: International and Global Studies
HHB110 Introduction to International and Global Studies
HHB111 Issues in International and Global Studies

First Year Core: Society and Change
HHB105 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 Consuming Cultures
HHB227 Environment and Society
HHB228 Environmental Hazards
HHB251 Australian Resource Management
HHB231 Health, Society and Environment
HHB210 Indigenous Australia: Country, Kin and Culture

Strand C - Societies in Transition
HHB257 The Classical World (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

HHB270 Gene Technology and Ethics
HHB273 Reshaping Life and Death
Strand E - Ethical Practice
HHB264 Public and Professional Ethics
HHB266 Ethical Decision Making
HHB328 Researching Applied Ethics

Electives - Community Studies Professional Major

Strand A - Community Practice
HHB100 Introduction to Human Services
HHB113 Interpersonal Communication
HHB203 Aged Services: Introduction
HHB204 Child and Family Services: Introduction
HHB205 Corrective Services: Introduction
HHB206 Disability Services: Introduction
HHB207 Services to Young People: Introduction
HHB212 Community Work
HHB214 Group and Team Practice
HHB215 Crisis and Conflict Resolution
HHB216 The Human Dimensions of Space
Strand B - Australian Studies
HHB109 Australian Historical Studies
HHB112 Australian Politics
HHB210 Indigenous Australia: Country, Kin and Culture
HHB237 Brisbane in the 20th Century (not on offer in 2002)
HHB245 Australia and the South Pacific
HHB249 Social Movements in Australia
HHB250 Australian Geographical Studies
HHB251 Australian Resource Management
HHB253 Conspiracy and Dissent in Australian History
HHB254 Indigenous Australian Culture Studies
HHB255 Indigenous Politics and Political Culture
HHB275 Human Rights: Australian Activism

■ 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:

- HHB116 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 HHB116
Course Foundation Unit (Primary Major) (List B)
Elective Unit
Year 1, Semester 2
Foundation Unit (List A)
Course Foundation Unit or HHB116
Course Foundation Unit (Secondary Major) (List C or other Faculty)
Elective Unit
Year 2, Semester 1
Major 1
Major 2
Major 2
Elective Unit
Year 2, Semester 2
Major 1
Major 1
Major 2
Elective Unit
Year 3, Semester 1
Major 1
Major 1
Major 2
Elective Unit
Year 3, Semester 3
Major 1
Major 2
Major 2
Elective Unit

List A - Foundation Units

List A - Foundation Units
HHB106 Australian Society and Culture
HHB210 Indigenous Australia: Country, Kin and Culture
HHB114 Introduction to Human Rights and Ethics
HHB103 Contemporary Social and Community Issues
HHB105 Interpreting Change
Additional First Year Requirement
HHB116 Applied Skills and Scholarship

List B - Units of Study - Primary Major Study Areas (Social Sciences)

Applied Ethics

HHB115 Human Identity and Change
HHB264 Public and Professional Ethics
HHB265 The Just Society
HHB266 Ethical Decision Making
HHB267 Feminism and Ethics
HHB268 Vulnerable Identities
HHB269 Ethics, Technology and the Environment
HHB328 Researching Applied Ethics
HHB270 Gene Technology and Ethics

Geography and Environmental Studies

HHB107 World Regions
HHB227 Environment and Society
HHB228 Environmental Hazards
HHB241 Women, Aid and Development (not on offer in 2002)
HHB251 Australian Resource Management
HHB269 Ethics, Technology and the Environment
HHB244 South East Asia in Focus (not on offer in 2002)
HHB250 Australian Geographical Studies
HHB229 Windows on Japan
ADVANCED SEMINAR (2nd/3rd year and Honours students)
HHB312 Geographical Research Design

International and Global Studies

HHB110 Introduction to International and Global Studies
HHB111 Issues in International and Global Studies
HHB229 Windows on Japan
HHB239 Korean Culture and Societies
HHB122 Colonialism and Independence in Asia Pacific
HHB243 The Pacific Since 1945 (not on offer in 2002)
HHB244 South East Asia in Focus (not on offer in 2002)
HHB315 Sex and Drugs in South East Asia
HHB256 Europe Since 1945
HHB320 Independent Project 1
HHB107 World Regions
HHB241 Women, Aid and Development (not on offer in 2002)
HHB226 Consuming Cultures
HHB115 Human Identity and Change
HHB269 Ethics, Technology and the Environment
HHB225 Political Sociology
HHB235 Identities: The Body, Technology and Cyberspace (not on offer in 2002)
HHB310 Globalisation and Social Theory
HHB265 The Just Society
HHB263 Politics of Globalisation

Political Studies

HHB112 Australian Politics
HHB230 Political Behaviour
HHB249 Social Movements in Australia
HHB255 Indigenous Politics and Political Culture
HHB265 The Just Society
HHB262 Political Ideologies
HHB263 Politics of Globalisation
HHB213 Social Policy Processes
HHB232 Survey Methods
HHB225 Political Sociology
HHB111 Issues in International and Global Studies

Sociology

HHB104 Understanding Society: Introduction to Sociology (Course Foundation Unit - Compulsory)
HHB232 Survey Methods
HHB235 Sociological Theory *
HHB310 Globalisation and Social Theory
HHB224 Qualitative Research Methods
HHB231 Health, Society and Environment
HHB233 Sex, Gender and Society
HHB225 Political Sociology
HHB240 Sociology of Crime and Deviance
HHB235 Identities: The Body, Technology and Cyberspace (not on offer in 2002)
HHB236 Virgins, Saints and Sinners: Sociology of Religion
HHB111 Issues in International and Global Studies
HHB226 Consuming Cultures
HHB270 Gene Technology and Ethics

* Recommended for students wishing to take further studies in sociology, eg Honours and postgraduate

List C: Units of Study - Secondary Major Study Areas (Humanities and Human Services)

Asia Pacific Studies

HHB122 Colonialism and Independence in Asia Pacific
HHB246 Modern China (not on offer in 2002)
HHB229 Windows on Japan
HHB239 Korean Culture and Societies
HHB242 Pacific Culture Contact (not on offer in 2002)
HHB243 The Pacific Since 1945 (not on offer in 2002)
HHB245 Australia and the South Pacific
HHB244 South East Asia in Focus (not on offer in 2002)
HHB315 Sex and Drugs in South East Asia
HHB238 Asian Cultures and Societies
HHB241 Women, Aid and Development (not on offer in 2002)
HHB248 The USA and the Asia Pacific Region
HHB331 Advanced Seminar (for 3rd Yr & Honours students) (not on offer in 2002)

History

HHB121 Interpreting the Past
HHB122 Colonialism and Independence in Asia Pacific
HHB238 Asian Cultures and Societies
HHB242 Pacific Culture Contact (not on offer in 2002)
HHB243 The Pacific Since 1945 (not on offer in 2002)
HHB245 Australia and the South Pacific
HHB315 Sex and Drugs in South East Asia
HHB246 Modern China (not on offer in 2002)
HHB253 Conspiracy and Dissent in Australian History
HHB248 The USA and the Asia Pacific Region
HHB256 Europe Since 1945
HHB259 War and Revolution in Europe 1914-1945
HHB260 Nations and Nationalism in Modern Europe
HHB109 Australian Historical Studies
HHB239 Korean Culture and Societies
HHB237 Brisbane in the 20th Century (not on offer in 2002)
Advanced Seminar (for 3rd year and Honours students)
HHB329 + Advanced Project (not on offer in 2002)
HHB331 + Advanced Seminar (not on offer in 2002)
HHB257 The Classical World (not on offer in 2002)
HHB258 Foundations of Modern Europe (not on offer in 2002)
HHB261 Medieval Europe (not on offer in 2002)

Human Services

HHB100 Introduction to Human Services
HHB103 Contemporary Social and Community Issues
HHB200 Working in Human Service Organisations
HHB220 Intervention Theories and Methods
HHB117 Introduction to Social Research Methods
HHB211 Casework and Case Management
HHB213 Social Policy Processes
HHB214 Group and Team Practice
HHB210 Indigenous Australia: Country, Kin and Culture
HHB215 Crisis and Conflict Resolution
HHB212 Community Work
HHB203 Aged Services: Introduction
HHB204 Child and Family Services: Introduction
HHB205 Corrective Services: Introduction
HHB206 Disability Services: Introduction
HHB207 Services to Young People: Introduction

Languages

NOTE: A Major Study Sequence consists of SIX sequenced Language Units and

ONE compulsory Discipline Studies Unit

French

HHB061 French 1
HHB063 French 3
HHB062 French 2
HHB064 French 4
HHB065 French 5
HHB066 French 6
HHB067 French 7
HHB068 French 8
HHB069 French 9
HHB070 French 10
HHB060 French for the Tourism Industry
HHB256 Europe Since 1945

German

HHB091 German 1
HHB093 German 3
HHB092 German 2

HHB094 German 4
HHB095 German 5
HHB096 German 6
HHB097 German 7
HHB098 German 8
HHB256 Europe Since 1945
Indonesian
HHB071 Indonesian 1
HHB073 Indonesian 3
HHB072 Indonesian 2
HHB074 Indonesian 4
HHB075 Indonesian 5
HHB076 Indonesian 6
HHB077 Indonesian 7
HHB078 Indonesian 8
HHB315 Sex and Drugs in South East Asia
Japanese
HHB081 Japanese 1
HHB083 Japanese 3
HHB082 Japanese 2
HHB084 Japanese 4
HHB085 Japanese 5
HHB086 Japanese 6
HHB087 Japanese 7
HHB088 Japanese 8
HHB229 Windows on Japan
Mandarin
HHB050 Mandarin for Chinese
HHB051 Introductory Mandarin 1
HHB052 Introductory Mandarin 2
Overseas Units - All Languages
HHB056 International Intensive Program
HHB057 International Summer School Or Equivalent
HHB058 In-Country Study - A
HHB059 In-Country Study – B

■ 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
Any other elective unit
Year 3, Semester 2
HHB300 Current Developments in Human Services
HHB301 Advanced Professional Practice

Electives (Lists A-D)

List A
HHB106 Australian Society and Culture
HHB110 Introduction to International and Global Studies
HHB111 Issues in International and Global Studies
HHB105 Interpreting Change
HHB115 Human Identity and Change
HHB275 Human Rights: Australian Activism
HHB210 Indigenous Australia: Country, Kin and Culture
HHB112 Australian Politics
List B - Available Semester 1 only
HHB203 Aged Services: Introduction
HHB204 Child and Family Services: Introduction
HHB205 Corrective Services: Introduction
HHB206 Disability Services: Introduction
HHB207 Services to Young People: Introduction
List C - Available Semester 1 or 2 as indicated
HHB117 Introduction to Social Research Methods
HHB215 Crisis and Conflict Resolution
HHB212 Community Work
HHB211 Casework and Case Management
HHB213 Social Policy Processes
HHB214 Group and Team Practice
HHB210 Indigenous Australia: Country, Kin and Culture
List D - Available Semester 1 only
HHB303 Aged Services: Advanced
HHB304 Child and Family Services: Advanced
HHB305 Corrective Services: Advanced
HHB306 Disability Services: Advanced
HHB307 Services to Young People: Advanced

Part-time Course Structure

Students wishing to study on a part-time basis should consult the timetable and the course coordinator before selecting an enrolment program.

NOTE: it may not be possible to undertake all units in the evening.

Information Technology

Overview **218**

Senior Staff **218**

Research Centres **218**

Courses

- Master of Information Technology (Research) (IT60) 219
- Master of Information Technology (IT Graduate) (IT40) 221
- Master of Information Technology (Non-IT Graduates) (IT45) 222
- Master of Information Technology (Professional) (IT50) 223
- Graduate Diploma in Information Technology (IT Graduates) (IT35) 223
- Graduate Diploma in Information Technology (Non-IT Graduates) (IT38) 224
- Graduate Diploma in Library and Information Studies (IT25) 225
- Graduate Certificate in Information Technology (Enterprise Wide Software) (IT93) 225
- Graduate Certificate in Information Technology (Generic) (IT97) 226
- Graduate Certificate in Information Technology (Information Security) (IT92) 226
- Graduate Certificate in Information Technology (Project) (IT95) 226
- Graduate Certificate in Information Technology (Software Engineering) (IT91) 227
- Bachelor of Information Technology (Honours) - Accelerated Program (IT31) 227
- Bachelor of Information Technology (Honours) (IT30) 227
- Bachelor of Information Technology (IT21) 227
- Master of Information Technology Qualifying Program (NA20) 231

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 DipInfProc *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 Research Literature Studies
ITN454 Software Quality Assurance
ITN457 Windows Programming
ITN458 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.

■ 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

Optional Units
ITN211 Systems Analysis and Design
ITN412 Technology of Information Systems

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

ITN431 Distributed Systems
ITN432 Advanced Programming Laboratory
ITN443 Neurocomputing
ITN446 Minor Project 1 (Cs)
ITN450 Compiler Laboratory
ITN451 Research Literature Studies
ITN457 Windows Programming
ITN458 Java and Extensible Programming
ITN466 Component Technology
ITN469 Unix System Programming and Administration
ITN470 Windows 2000 System Programming and Administration
ITN525 Network Administration
ITN527 Network Technologies
ITN529 Network Services
ITN531 Network Security
ITN536 Topics in Security
ITN556 Advanced Topics in Cryptology
ITN568 Wireless Networks
ITN576 Information Systems
ITN243 Knowledge-Based Systems
ITN244 Special Topic 1a
ITN245 R/3 Systems Administration
ITN246 Minor Project 1 (Is)
ITN248 Minor Project 2 (Is)
ITN252 Process Engineering
ITN253 Case Studies in Enterprise Systems
ITN254 Interactivity Design
ITN255 Knowledge Management
ITN257 Multimedia Systems
ITN258 ABAP Programming
ITN260 E-Commerce Site Development
ITN262 E-Commerce Technologies
ITN263 Web Intelligence for E-Commerce
ITN335 Digital Libraries
ITN361 Information User Instruction

General

LWS400 Law of Information Technology
MGB218 Venture Skills

E-Commerce Specialisation

Block 2: Intermediate Units

ITN227 Web Applications
ITN232 Database Systems
ITN415 Object Technology
ITN523 Data Security
ITN524 Internetworking
ITN529 Network Services

Block 3: Advanced Units

ITN257 Multimedia Systems
ITN260 E-Commerce Site Development
ITN262 E-Commerce Technologies
ITN263 Web Intelligence for E-Commerce
ITN458 Java and Extensible Programming

■ Master of Information Technology (Professional) (IT50)

Award title: Master of Information Technology (Professional)
Location: Gardens Point and External
Course duration (full-time): 1.5 years
Course duration (part-time): 3 years
Total credit points: 144
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 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
Course coordinator: Mr Bob Smyth

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

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
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 Research Literature Studies
ITN454 Software Quality Assurance
ITN457 Windows Programming
ITN458 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 Information Technology (Non-IT Graduates) (IT38)

Award title: Graduate Diploma in Information Technology
CRICOS code: 018771J
Location: Gardens Point
Course duration (full-time): 2 semesters
Course duration (part-time): 4 semesters
Total credit points: 96
Course coordinator: 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, but at most 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 eight 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, but at most one of these can be selected from Block 1.

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.

Applicants for the Qualifying Program must have: A bachelor's degree in a discipline other than Information Technology with a grade point average of a least 4.5 (7 point scale).

Course structure

Block 1: Introductory Units Compulsory Units
ITN412 Technology of Information Systems
ITN212 Information Modelling for Databases
ITN410 Software Principles
ITN510 Data Communications
Optional Units
ITN211 Systems Analysis and Design
ITN412 Technology of Information Systems

Block 2: Intermediate Units
Computing Science
ITN413 Computer Architecture
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
ITN431 Distributed Systems
ITN432 Advanced Programming Laboratory
ITN443 Neurocomputing
ITN446 Minor Project 1 (Cs)
ITN450 Compiler Laboratory
ITN451 Research Literature Studies
ITN457 Windows Programming
ITN458 Java and Extensible Programming
ITN466 Component Technology
ITN469 Unix System Programming and Administration
ITN470 Windows 2000 System Programming and Administration
Data Communications
ITN525 Network Administration
ITN527 Network Technologies
ITN529 Network Services
ITN531 Network Security
ITN536 Topics in Security
ITN556 Advanced Topics in Cryptology
ITN568 Wireless Networks
Information Systems
ITN243 Knowledge-Based Systems
ITN244 Special Topic 1a
ITN245 R/3 Systems Administration
ITN246 Minor Project 1 (Is)
ITN248 Minor Project 2 (Is)
ITN252 Process Engineering
ITN253 Case Studies in Enterprise Systems
ITN254 Interactivity Design
ITN255 Knowledge Management
ITN257 Multimedia Systems
ITN258 ABAP Programming
ITN260 E-Commerce Site Development
ITN262 E-Commerce Technologies
ITN263 Web Intelligence for E-Commerce
ITN335 Digital Libraries
ITN361 Information User Instruction
General
LWS400 Law of Information Technology
MGB218 Venture Skills

E-Commerce Specialisation
Block 2: Intermediate Units
ITN227 Web Applications
ITN232 Database Systems
ITN415 Object Technology
ITN523 Data Security
ITN524 Internetworking
ITN529 Network Services
Block 3: Advanced Units
ITN257 Multimedia Systems
ITN260 E-Commerce Site Development
ITN262 E-Commerce Technologies
ITN263 Web Intelligence for E-Commerce
ITN458 Java and Extensible Programming

■ 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
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
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
Four coursework units to be selected from the units below
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
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 Module
ITN283 Issues in Information Technology Management
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
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 (Information Security) (IT92)
Award title: Graduate Certificate in Information Technology (Information Security)
Location: Gardens Point and External
Course duration (full-time): 1 semester
Course duration (part-time): 1 semester
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 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
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
Block 3 Elective Unit
Block 3 Elective Unit
Block 3 Elective Unit

Data Communications Major – Part-time

Year 3, Semester 1
ITB524 Internetworking
MAB177 Mathematics for Data Communications
Year 3, Semester 2
ITB421 Software Development 3
ITB523 Data Security
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)
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
Electronic Commerce Elective Unit
Year 3, Semester 2
Block 3 Elective Unit (Business Studies)
Block 3 Elective Unit (Business Studies)
Block 3 Elective Unit (Business Studies)
Block 3 Elective Unit (Business Studies)

ECommerce Elective Units
ITB236 Object-Oriented Analysis and Design
ITB240 Project (Information Systems)
ITB330 Information Issues
ITB525 Network Administration
Students who complete the Cooperative Education program will substitute ITB906 for Elective

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
List 3 (Select one unit)
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
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

*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
Information Systems Subject Area Elective
Year 4, Semester 2
ITB219 Application Programming
ITB232 Database Systems
Year 5, Semester 1
Information Systems Subject Area Elective
Block 3 Elective Unit
Year 5, Semester 2
Information Systems Subject Area Elective
Information Systems Subject Area Elective
Year 6, Semester 1
ITB240 Project (Information Systems)
Block 3 Elective Unit
Year 6, Semester 2
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
ITB433 Programming Languages
Software Engineering Specialisation Unit
Year 6, Semester 1
Software Engineering Specialisation Unit
Block 3 Elective Unit
Year 6, Semester 2
Block 3 Elective Unit
Block 3 Elective Unit

Integrated Majors – Data Communications & Information Systems – Full-time

Year 2, Semester 1
KWB010 Communication for the IT Specialist
ITB219 Application Programming
OR
ITB421 Software Development 3
ITB523 Data Security
ITB524 Internetworking
Year 2, Semester 2
ITB222 Business Systems Analysis
ITB229 Information Systems Specification
ITB527 Network Technologies
ITB529 Network Services
Year 3, Semester 1
ITB227 Web Applications
ITB232 Database Systems
DC Specialist Unit
Block 3 Elective
Year 3, Semester 2
ITB228 Enterprise Systems
ITB240 Project (Information Systems)
DC Specialist Unit
Block 3 Elective

Integrated Majors – Data Communications & Information Systems – Part-time

Year 3, Semester 1
ITB222 Business Systems Analysis
ITB523 Data Security
Year 3, Semester 2
KWB010 Communication for the IT Specialist
ITB227 Web Applications
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
Year 6, Semester 2
ITB240 Project (Information Systems)
Data Communications Specialisation 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
Data Communications Specialisation Unit
Block 3 Elective Unit
Year 3, Semester 2
ITB432 Advanced Programming Laboratory
ITB433 Programming Languages
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

ITB523 Data Security
Year 3, Semester 2
ITB421 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
DC Specialisation Unit
Block 3 Elective
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

Law

Overview **234**

Senior Staff **234**

Research Centres **234**

Courses

- Doctor of Juridical Science (LW50) 236
- Master of Arts (Justice Studies) by Research (JS52) 240
- Master of Laws (Research and Thesis) (LW52) 240
- Master of Arts (Justice Studies) by Coursework (JS51) 242
- Master of Laws (LW51) 242
- Graduate Diploma in Legal and Justice Studies (JS41) 243
- Graduate Diploma in Legal Practice (LP41) 243
- Graduate Diploma in Legal Studies (LW70) 244
- Graduate Certificate in Justice Studies (JS25) 244
- Graduate Certificate in Law (LW60) 244
- Graduate Certificate in Legal Studies (LW65) 245
- Bachelor of Justice (Honours) (JS40) 246
- Bachelor of Justice (JS31) 246
- Bachelor of Justice/Bachelor of Laws (LW42) 247
- Bachelor of Laws (LW33) 248

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, projects and case studies is an essential part of QUT education.

The Faculty offers undergraduate study through the Bachelor of Laws and Bachelor of Justice courses. A range of double degree programs are also available, offering the Bachelor of Laws in conjunction with the Bachelor of Justice or with a bachelor degree in Applied Science, Arts, Business, Creative Industries, Journalism or Information Technology.

A three-year accelerated Bachelor of Laws program is available for students who already hold a bachelor degree in another discipline. These students may also have the opportunity to select their elective units from the Law School's postgraduate program and graduate concurrently with a Graduate Certificate in Law.

The Faculty offers a range of postgraduate study options, including graduate certificate and graduate diploma courses, masters degrees by coursework or research, and doctoral programs. Many of these courses provide students with the opportunity to build on relevant undergraduate study or professional experience, and develop their expertise in a specialist area. The Faculty also offers the State's longest running and most established professional legal training course for solicitor's admission. Bachelor of Laws graduates who wish to be admitted as solicitors can complete the Graduate Diploma in Legal Practice, in 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:

- Centre for Commercial and Property Law
- Concentration in Environmental Law
- 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) *QIT*, 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*., Attorney at Law (South Carolina, Georgia), 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) *QIT*, BA LLM *Qld*., LLM *Bond*, Barrister

P.J.M. MacFarlane, BLegS *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 LLM *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 in other fields – torts, environmental law, equity, legal education, crime and

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

■ Doctor of Juridical Science (LW50)

Award title: Doctor of Juridical Science
CRICOS code: 012652J
Location: Gardens Point and External
Course duration (full-time): 2 years (minimum)
Course duration (part-time): 4 years
Total credit points: 192
Course coordinator: Assistant Dean (Research)

Award

The SJD will be awarded subject to the Faculty of Law Academic Board receiving:

(i) a certificate of satisfactory completion of the candidate's approved course of study signed by the Principal Supervisor and the Assistant Dean (Research);

(ii) a declaration signed by the candidate that he/she has not been a candidate for another tertiary award during the tenure of his/her SJD candidature;

(iii) a declaration signed by the candidate stating original authorship of a thesis;

(iv) a certificate signed by the Principal Supervisor, Director of the Centre and Assistant Dean (Research) stating that the candidate has satisfactorily completed the examination process, including completing any revisions or re-examination required by the external examiners; and

(v) at least one final copy of the thesis in the prescribed format.

For the purposes of these Rules the Assistant Dean (Research) acts as the delegate of the Dean, Faculty of Law and Faculty of Law Research Committee acts as the delegate of the Law Academic Board.

1. Entry Requirements

The Faculty of Law Research Committee may admit to candidature an applicant who:

(i) holds or has completed the requirements for the degree of (a) 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) that the applicant can demonstrate a level of research experience and potential which is deemed acceptable to the Assistant Dean (Research) for example, by the publication of articles in refereed research journals; and

(v) can demonstrate a sufficient command of the English language to complete the proposed course of study in that language.

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 maximum candidature date must apply for an extension of time on the prescribed form (Form SJD 3) through the Assistant Dean (Research) for consideration by the Faculty Research Committee. The application must include the reasons for the delay, written endorsement of the request for extension by the Principal Supervisor and a revised timeline for completion. Applications for extensions will not normally be considered by the Faculty Research Committee unless the reasons for the delays have been documented in previous supervisor's reports. Extensions will only be given in exceptional circumstances. Minor breakdown of computer equipment or absence of a Principal Supervisor are not usually considered exceptional.

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 at least one month in advance of that deadline through the Assistant Dean (Research) to the Faculty Research Committee. A maximum of three months extension may be granted.

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;

- documents prepared by the candidate;
- a statement that the research program is of a standard required for an SJD;
- a statement of whether the studies continue to be within the aims and objectives and physical and human resources of the Centre; and
- a report on the candidate's seminar.

7.5 The Faculty Research Committee will, if satisfied:

- confirm the candidature and notify the candidate; or
- may require changes to the planned research program; or
- if the recommendation is not to confirm the candidature immediately, place the candidate under review for three months. At the end of the review period the Assistant Dean (Research) must advise the Faculty Research Committee whether the conditions of review have been met.

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) shall 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.

8.7 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. Thesis Guidelines

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); or

Recommendation 2: The candidate should be awarded the degree subject to minor nominated revisions being completed to the satisfaction of the Assistant Dean (Research) and Principal Supervisor; or

Recommendation 3: The candidate should be awarded the degree following the completion of major nominated revisions to the satisfaction of the Assistant Dean (Research) and Principal Supervisor; or

Recommendation 4: The candidate should be permitted to substantially revise and submit the thesis for re-examination within twelve months after a specified amount of further work, which may alter the substantive conclusions of the thesis, has been completed under approved supervision and the thesis appropriately amended to reflect the additional research; or

Recommendation 5: The thesis should be rejected, the degree should not be awarded and the candidate should not be permitted to submit the thesis for re-examination for the degree.

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:

(a) the candidate should be awarded the degree with or without minor nominated revisions; or

(b) the candidate should be awarded the degree at masters level with or without minor nominated revisions; or

(c) the thesis should be rejected and the degree should not be awarded.

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
Full-time Students extension
IFN101 Full-Time Masters Research (Extension)
Part-time Students
IFN200 Part-Time Masters Research
Part-time Students extension
IFN201 Part-Time Masters Research (Extension)

■ Master of 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

not later than the end of the eighth semester of the candidature.

7.2 The Assistant Dean (Research) may, upon the application of the candidate, extend any time limited by the rules by such further period as may be consistent with general University rules.

8. Award of Degree

8.1 A candidate who has fulfilled the requirements of these rules and who has otherwise complied with the provisions of all statutes and other rules applicable may be admitted to the degree of Master of Laws at the grade which the Academic Board on the recommendation of the Law Academic Board and University Research Degrees Committee recommends for the award.

Course Structure

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)

■ 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

■ 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
LWN025 Research Project 1a
LWN030 Dispute Resolution/mediation
LWN043 Law of Company Takeovers
LWN048 Advanced Legal Research
LWN050 Restrictive Trade Practices Law
LWN051 Consumer Protection and Product Liability
LWN075 International Commercial Transactions
LWN076 International Commercial Disputes
LWN093 Borrowers and Secured Lenders - Select Issues
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 Medico-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
LWN138 Comparative Cultural Heritage Law

■ Graduate Diploma in Legal and Justice Studies (available to continuing students only) (JS41)

Award title: Graduate Diploma in Legal and Justice Studies
CRICOS code: 020312G
Location: Kelvin Grove
Course duration (full-time): 1 year
Course duration (part-time): 2 years
Course duration (external): 2 years part-time
Total credit points: 96
Course coordinator: Dr Belinda Carpenter

Entry requirements

An appropriate undergraduate degree from a recognised tertiary institution or extensive professional experience that is deemed appropriate by the Course Coordinator. If an application falls within the second category, students must provide documentary evidence of their experience when they complete the standard application form. Students may be interviewed before they are offered a place.

Course Structure

Of the course's 96 credit points, students will complete 48 credit points of core units and 48 credit points of specialist units from within a students chosen professional area.

Core Units
JSP001 Law and Government 1
JSP002 Criminal Law in Context 1
JSP003 Law and Government 2
JSP004 Criminal Law in Context 2

Professional Minors - Law Enforcement
JSP051 Introduction to Criminal Law and Evidence
JSP052 Police Procedure and Practice
JSP053 Organised Crime
JSP054 Issues in Policing

Intelligence and Security
Four units from the following
JSP061 Process Theory and Application
JSP062 Protective Security - Theory and Application
JSP063 Intelligence Research - Issues, Procedures and Practice
JSP064 Protective Security Issues and Practice
JSP065 Intelligence and National Security
JSP066 Management of Protective Security
JSP067 Intelligence, Organisations, Personnel and Operations

Criminology
JSP041 Juvenile Justice
JSP042 Crime and the Workplace
JSP043 Crime Research Methods
JSP044 Responding to Crime

Corrections and the Community
JSP071 Corrections and the Community 1
JSP072 Corrections and the Community 2
JSP073 Corrections and the Community 3
JSP074 Corrections and the Community 4

Legal and Justice Policy
JSP081 Law and Public Policy
JSP082 Legal Rights and Responsibilities
JSP083 Administrative Law and Justice
JSP084 Justice and Human Rights

■ Graduate Diploma in Legal Practice (LP41)

Award title: Graduate Diploma in Legal Practice
CRICOS code: 009034F
Location: Gardens Point
Course duration (full-time): 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

LPP105 Family and Estates
LPP106 Litigation
LPP107 Property Law Practice
LPP108 Placement

■ Graduate Diploma in Legal Studies (LW70)

Award title: Graduate Diploma in Legal Studies
CRICOS code: 040318B
Location: Gardens Point
Course duration (full-time): 2 semesters
Course duration (part-time): 4 semesters
Total credit points: 96
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Director, 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

Semester 1 - Full-time
Introduction to Legal Research
LWB136 Contracts A
LWB138 Fundamentals of Torts
LWB141 Legal Institutions and Method
PLUS
LWB142 Law, Society and Justice
OR
LWB143 Legal Research and Writing
Semester 2 - Full-time
12 credit points - elective
12 credit points - elective
12 credit points - elective
12 credit points - elective

Course Structure - Part-time

Semester 1 - 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
Semester 1 - Option 2 (LWB143)
Introduction to Legal Research
LWB141 Legal Institutions and Method
LWB136 Contracts A
Semester 2 - Option 2 (LWB143)
LWB143 Legal Research and Writing
LWB138 Fundamentals of Torts
Semester 3
12 credit points - elective
12 credit points - elective
Semester 4
12 credit points - elective
12 credit points - elective

■ Graduate Certificate in Justice Studies (JS25)

Award title: Graduate Certificate in Justice Studies
CRICOS code: 036433M
Location: Kelvin Grove
Course duration (part-time): 1 year (Executive Policing: 1 week intensive, Kelvin Grove campus)
Course duration (external): 1 year part-time
Total credit points: 48
Course coordinator: Dr Ian Wells

Entry requirements

An appropriate undergraduate degree from a recognised tertiary institution or professional experience that the Course Coordinator deems to be appropriate.

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)

Award title: Graduate Certificate in Law (Study Area A)
CRICOS code: 027286C
Location: Gardens Point
Course duration (full-time): 1 semester (Generic course and select majors only)
Course duration (part-time): 2 semesters
Total credit points: 48
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Assistant Dean (Postgraduate Studies)

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
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

Semester 1 - Option 2 (LWB143)
Introduction to Legal Research
LWB141 Legal Institutions and Method
LWB136 Contracts A
Semester 2 - Option 2 (LWB143)
LWB143 Legal Research and Writing
LWB138 Fundamentals of Torts

■ Bachelor of Justice (Honours) (JS40)

Award title: Bachelor of Justice (Honours)
CRICOS code: 020313F
Location: Kelvin Grove
Course duration (full-time): 1 year
Course duration (part-time): 2 years
Total credit points: 96
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Dr Ian Wells

Entry Requirements

A Bachelor of 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.

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

■ 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.

Course Structure

Year 1, Semester 1 (Full-time Course Structure)
JSB131 Framing Social Justice
JSB132 Professional Skills
JSB133 Law and Government
JSB134 Social Ethics and the Justice System
Year 1, Semester 2 (Full-time Course Structure)
JSB135 Unlocking Criminal Justice
JSB136 Forensic Psychology and the Law
JSB137 Politics of Law
JSB138 Crimes of Violence
Year 2, Semester 1 (Full-time Course Structure)
Select four units (48 cps) from the following
EITHER
Critical Criminology Major
JSB231 Understanding Criminology
JSB232 Youth Justice
Secondary Major/Elective
Secondary Major/Elective
OR
Investigations and Policing Major
JSB241 Introduction to Investigations and Policing
JSB242 Criminal Law in Context
Secondary Major/Elective
Secondary Major/Elective
OR
Justice Policy Major
JSB251 Policy, Governance and Justice
Secondary Major/Elective
Secondary Major/Elective
Elective
Year 2, Semester 2 (Full-time Course Structure)
Select four units (48 cps) from the following:
EITHER
Critical Criminology Major
JSB233 Crime and Community Corrections
Secondary Major/Elective
Secondary Major/Elective
Elective
OR
Investigations and Policing Major
JSB243 Intelligence Led Investigations
Secondary Major/Elective
Secondary Major/Elective
Elective
OR

Justice Policy Major
JSB252 Citizenship and Justice
JSB253 Watchdogs: Warriors, Wimps and Witch-Hunts
Secondary Major/Elective
Secondary Major/Elective
Year 3, Semester 1 (Full-time Course Structure)
Select four units from the following
EITHER
Critical Criminology Major
JSB331 Prisons as Industry
Secondary Major/Elective
Secondary Major/Elective
Elective
OR
Investigations and Policing Major
JSB341 Investigations, Evidence and Police Powers
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
Elective/Secondary Major unit OR
Investigation and Policing Major (IVP)
JSB243 Intelligence Led Investigations
Elective/Secondary Major unit
Elective/Secondary Major unit OR
Justice Policy Major (JPL)
JSB252 Citizenship and Justice
JSB253 Watchdogs: Warriors, Wimps and Witch-Hunts
Elective/Secondary Major unit
Year 3, Semester 1
LWB138 Fundamentals of Torts
Select three units (36 cps) from:
Critical Criminology Major (CCL)
JSB331 Prisons as Industry
Elective/Secondary Major unit
Elective/Secondary Major unit OR
Investigation and Policing Major (IVP)
JSB341 Investigations, Evidence and Police Powers
Elective/Secondary Major unit
Elective/Secondary Major unit
OR
Justice Policy Major (JPL)
JSB351 Administrative Justice
JSB352 Indigenous Justice (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)
JSB332 Crime, Control and Governance
JSB333 Responding to Crime
Elective/Secondary Major unit OR
Investigation and Policing Major (IVP)
JSB342 Organised Crime
JSB343 Future Policing Strategies
Elective/Secondary Major unit OR
Justice Policy Major (JPL)
JSB353 Global Justice
Elective/Secondary Major unit
Elective/Secondary Major unit
Year 4, Semester 1
LWB231 Introduction to Public Law
LWB236 Real Property A
LWB238 Fundamentals of Criminal Law

LWB240 Principles of Equity
LWB333 Theories of Law
Year 4, Semester 2
LWB235 Australian Federal Constitutional Law
LWB237 Real Property B
LWB239 Criminal Responsibility
LWB241 Trusts
LWB334 Corporate Law
Year 5, Semester 1
LWB332 Commercial and Personal Property Law
LWB431 Civil Procedure
LWB432 Evidence
LWB434 Advanced Research and Legal Reasoning
Elective unit
Year 5, Semester 2
LWB331 Administrative Law
LWB433 Professional Responsibility
Elective Unit

■ Bachelor of Laws (LW33)

Award title: Bachelor of Laws
CRICOS code: 003486D
Location: Gardens Point and External
Course duration (full-time): 4 years
Course duration (part-time): 6 years
Course duration (external): 6 years
Total credit points: 384
Standard credit points per semester (full-time): 48
Course coordinator: Director, Undergraduate Programs

Special Entry Requirements

Entry to the distance education (external) mode of the course is restricted to applicants who reside in Australia outside a 30km radius of the Gardens Point Campus. Preference for entry to the distance education course may be given to applicants who have been offered five year articles of clerkship by a solicitor or who are employed by a Magistrates Court or the Justice Department and undertake legal functions in their work.

Other Course Requirements

It is a requirement that distance education students participate in two three-day attendance schools per year in addition to the orientation attendance school for commencing students only. The attendance schools are an integral component of the distance education course and are compulsory. When undertaking the course via distance education, it is the students responsibility to ensure they have access to a suitable law library.

Professional Recognition

The QUT Bachelor of Laws course is an approved degree for the purposes of the Solicitors Admission Rules and Barristers Admission Rules. Accordingly, it enables graduates to satisfy the academic requirements for admission to practise as a solicitor and/or barrister in all Australian states and territories. The QUT LLB degree qualification is also recognised for admission purposes in West and East Malaysia, Fiji and Papua New Guinea.

Course Structure - Full-time Program

Year 1, Semester 1
Introduction to Legal Research
LWB136 Contracts A
LWB138 Fundamentals of Torts
LWB141 Legal Institutions and Method
LWB142 Law, Society and Justice
Year 1, Semester 2
LWB137 Contracts B
LWB139 Select Issues in Torts
LWB143 Legal Research and Writing
LWB144 Laws and Global Perspectives
Year 2, Semester 1
LWB231 Introduction to Public Law
LWB236 Real Property A
LWB238 Fundamentals of Criminal Law
LWB240 Principles of Equity
Year 2, Semester 2
LWB235 Australian Federal Constitutional Law
LWB237 Real Property B
LWB239 Criminal Responsibility
LWB241 Trusts
Year 3, Semester 1
LWB332 Commercial and Personal Property Law
LWB333 Theories of Law
Elective Units
Year 3, Semester 2
LWB331 Administrative Law
LWB334 Corporate Law
Elective Units
Year 4, Semester 1
LWB431 Civil Procedure
LWB432 Evidence
LWB434 Advanced Research and Legal Reasoning
Elective Units
Year 4, Semester 2
LWB433 Professional Responsibility
Elective Units

Course Structure - Part-time/External Program

Year 1, Semester 1
Introduction to Legal Research
LWB141 Legal Institutions and Method
LWB142 Law, Society and Justice
Year 1, Semester 2
LWB143 Legal Research and Writing
LWB144 Laws and Global Perspectives
Year 2, Semester 1
LWB136 Contracts A
LWB138 Fundamentals of Torts
Year 2, Semester 2
LWB137 Contracts B
LWB139 Select Issues in Torts
Year 3, Semester 1
LWB231 Introduction to Public Law
LWB236 Real Property A
LWB240 Principles of Equity
Year 3, Semester 2
LWB235 Australian Federal Constitutional Law
LWB237 Real Property B
LWB241 Trusts
Year 4, Semester 1
LWB238 Fundamentals of Criminal Law
LWB333 Theories of Law
Elective Unis
Year 4, Semester 2
LWB239 Criminal Responsibility
LWB331 Administrative Law
Elective Units
Year 5, Semester 1
LWB332 Commercial and Personal Property Law
Elective Units
Year 5, Semester 2
LWB334 Corporate Law
Elective Units
Year 6, Semester 1
LWB431 Civil Procedure
LWB434 Advanced Research and Legal Reasoning
Electives Units
Year 6, Semester 2
LWB432 Evidence
LWB433 Professional Responsibility
Elective Units

Course Structure - Special Accelerated Full-time Program

Year 1, Semester 1
Introduction to Legal Research
LWB136 Contracts A
LWB138 Fundamentals of Torts
LWB141 Legal Institutions and Method
LWB142 Law, Society and Justice
Year 1, Semester 2
LWB137 Contracts B
LWB139 Select Issues in Torts
LWB143 Legal Research and Writing
LWB144 Laws and Global Perspectives

Year 2, Semester 1
LWB231 Introduction to Public Law
LWB236 Real Property A
LWB238 Fundamentals of Criminal Law
LWB240 Principles of Equity
LWB333 Theories of Law
Year 2, Semester 2
LWB235 Australian Federal Constitutional Law
LWB237 Real Property B
LWB239 Criminal Responsibility
LWB241 Trusts
LWB334 Corporate Law
Year 3, Semester 1
LWB332 Commercial and Personal Property Law
LWB431 Civil Procedure
LWB432 Evidence
LWB434 Advanced Research and Legal Reasoning
Elective Units
Year 3, Semester 2
LWB331 Administrative Law
LWB433 Professional Responsibility
Elective Units

Course Structure - Special Accelerated Part-time/External Program

Year 1, Semester 1
Introduction to Legal Research
LWB141 Legal Institutions and Method
LWB142 Law, Society and Justice
Year 1, Semester 2
LWB143 Legal Research and Writing
LWB144 Laws and Global Perspectives
Year 2, Semester 1
LWB136 Contracts A
LWB138 Fundamentals of Torts
LWB238 Fundamentals of Criminal Law
Year 2, Semester 2
LWB137 Contracts B
LWB139 Select Issues in Torts
LWB239 Criminal Responsibility
Year 3, Semester 1
LWB231 Introduction to Public Law
LWB236 Real Property A
LWB240 Principles of Equity
Year 3, Semester 2
LWB235 Australian Federal Constitutional Law
LWB237 Real Property B
LWB241 Trusts
Year 4, Semester 1
LWB332 Commercial and Personal Property Law
LWB333 Theories of Law
Electives
Year 4, Semester 2
LWB331 Administrative Law
LWB334 Corporate Law
Elective Units
Year 5, Semester 1
LWB431 Civil Procedure
LWB434 Advanced Research and Legal Reasoning
Elective Units
Year 5, Semester 2
LWB432 Evidence
LWB433 Professional Responsibility
Elective Units

Course Structure - Full-time Program - Mid-Year Entry

Year 1, Semester 2
Introduction to Legal Research
LWB136 Contracts A
LWB138 Fundamentals of Torts
LWB141 Legal Institutions and Method
LWB143 Legal Research and Writing
Year 1, Summer Program
LWB137 Contracts B
LWB139 Select Issues in Torts
Year 2, Semester 1
LWB142 Law, Society and Justice
LWB236 Real Property A
LWB238 Fundamentals of Criminal Law
LWB240 Principles of Equity
Year 2, Semester 2
LWB144 Laws and Global Perspectives
LWB237 Real Property B
LWB239 Criminal Responsibility
LWB241 Trusts
Year 3, Semester 1
LWB231 Introduction to Public Law
LWB332 Commercial and Personal Property Law
LWB333 Theories of Law
Elective Unit
Year 3, Semester 2
LWB235 Australian Federal Constitutional Law
LWB331 Administrative Law
LWB334 Corporate Law
Elective Units
Year 4, Semester 1
LWB431 Civil Procedure
LWB432 Evidence
LWB434 Advanced Research and Legal Reasoning
Elective Units
Year 4, Semester 2
LWB433 Professional Responsibility
Elective Units

Course Structure - Part-time/External Program - Mid-Year Entry

Year 1, Semester 2
Introduction to Legal Research
LWB141 Legal Institutions and Method
LWB143 Legal Research and Writing
Year 2, Semester 1
LWB136 Contracts A
LWB142 Law, Society and Justice
Year 2, Semester 2
LWB137 Contracts B
LWB144 Laws and Global Perspectives
Year 3, Semester 1
LWB138 Fundamentals of Torts
LWB238 Fundamentals of Criminal Law
Year 3, Semester 2
LWB139 Select Issues in Torts
LWB239 Criminal Responsibility
Elective Unit
Year 4, Semester 1
LWB231 Introduction to Public Law
LWB236 Real Property A
LWB240 Principles of Equity
Year 4, Semester 2
LWB235 Australian Federal Constitutional Law
LWB237 Real Property B
LWB241 Trusts
Year 5, Semester 1
LWB332 Commercial and Personal Property Law
LWB333 Theories of Law
Elective Units
Year 5, Semester 2
LWB331 Administrative Law
LWB334 Corporate Law
Elective Unit
Year 6, Semester 1
LWB431 Civil Procedure
LWB434 Advanced Research and Legal Reasoning
Elective Units
Year 6, Semester 2
LWB432 Evidence
LWB433 Professional Responsibility
Elective Units
Year 7, Semester 1
Elective Units

Course Structure - Special Accelerated Full-time Program - Mid-year Entry

Year 1, Semester 1
Introduction to Legal Research
LWB136 Contracts A
LWB138 Fundamentals of Torts
LWB141 Legal Institutions and Method
LWB143 Legal Research and Writing

Year 1, Summer Program
LWB137 Contracts B
LWB139 Select Issues in Torts
Year 2, Semester 1
LWB142 Law, Society and Justice
LWB231 Introduction to Public Law
LWB236 Real Property A
LWB238 Fundamentals of Criminal Law
LWB240 Principles of Equity
Year 2, Semester 2
LWB144 Laws and Global Perspectives
LWB235 Australian Federal Constitutional Law
LWB237 Real Property B
LWB239 Criminal Responsibility
LWB241 Trusts
Year 3, Semester 1
LWB332 Commercial and Personal Property Law
LWB333 Theories of Law
LWB431 Civil Procedure
LWB432 Evidence
Elective Units
Year 3, Semester 2
LWB331 Administrative Law
LWB334 Corporate Law
LWB433 Professional Responsibility
Elective Unit
Year 4, Semester 1
LWB434 Advanced Research and Legal Reasoning
Elective Units

Course Structure - Special Accelerated Part-Time/External Program - Mid-Year Entry

Year 1, Semester 2
Introduction to Legal Research
LWB141 Legal Institutions and Method
LWB143 Legal Research and Writing
Year 2, Semester 1
LWB136 Contracts A
LWB138 Fundamentals of Torts
LWB142 Law, Society and Justice
Year 2, Semester 2
LWB137 Contracts B
LWB139 Select Issues in Torts
LWB144 Laws and Global Perspectives
Year 3, Semester 1
LWB231 Introduction to Public Law
LWB236 Real Property A
LWB240 Principles of Equity
Year 3, Semester 2
LWB235 Australian Federal Constitutional Law
LWB237 Real Property B
LWB241 Trusts
Year 4, Semester 1
LWB238 Fundamentals of Criminal Law
LWB332 Commercial and Personal Property Law
LWB333 Theories of Law
Year 4, Semester 2
LWB239 Criminal Responsibility
LWB331 Administrative Law
LWB334 Corporate Law
Year 5, Semester 1
LWB431 Civil Procedure
LWB434 Advanced Research and Legal Reasoning
Elective Unit
Year 5, Semester 2
LWB432 Evidence
LWB433 Professional Responsibility
Elective Unit
Year 6, Semester 1
Elective Unit

Science

Overview **252**

Senior Staff **252**

Research Centres **252**

Courses

- Master of Applied Science (SC80) 255
- Master of Applied Science (Life Science) (LS80) 257
- Master of Applied Science (Medical Imaging) (PH80) 258
- Master of Applied Science (Medical Physics) (PH80) 258
- Master of Applied Science (Medical Ultrasound) (PH80) 259
- Master of Cardiac Ultrasound (PH85) 259
- Graduate Diploma in Applied Science (Medical Imaging) (PH71) 260
- Graduate Diploma in Applied Science (Medical Physics) (PH71) 260
- Graduate Diploma in Applied Science (Medical Ultrasound) (PH71) 260
- Graduate Diploma in Applied Science (SC71) 261
- Graduate Diploma in Biotechnology (LS70) 261
- Graduate Diploma in Cardiac Ultrasound (PH75) 261
- Graduate Certificate in Applied Science (Breast Ultrasound) (PH60) 262
- Graduate Certificate in Applied Science (Medical Imaging) (PH60) 262
- Bachelor of Applied Science + Bachelor of Applied Science (Honours) - Dean's Scholars Accelerated Honours Program (SC01 + SC60) 262
- Bachelor of Applied Science (Honours) (SC60) 263
- Bachelor of Applied Science - Medical Radiation Technology (Medical Imaging Technology) (PH38) 265
- Bachelor of Applied Science - Medical Radiation Technology (Radiotherapy Technology) (PH38) 265
- Bachelor of Applied Science (Environmental Science) (SC01) 265
- Bachelor of Applied Science (Medical Science) (LS37) 268
- Bachelor of Applied Science (SC01) 269
- Bachelor of Applied Science Innovation (SC51) 269
- Bachelor of Biotechnology Innovation (Accelerated mode) (LS50) 270
- Bachelor of Biotechnology Innovation (Non-accelerated mode) (LS50) 271

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/
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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*

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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

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V.V. Anh, BSc(Hons) PhD *Tas*., MEc NE, FAustMS, MSSAI, MIEEE

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Head of School: Associate Professor D.A. Gust, BA Lawrence, MA Rice, PhD *ANU*

Associate Professors:

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P. B. Mather, BSc(Hons) PhD *Lot*

School of Physical and Chemical Sciences

Head: Professor J.M. Pope, BSc(Hons) MSc *Brist*., DPhil *Sus*., FAIP

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, FACPSEM, 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.

Commencing 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

Acting Director: Professor Peter Hudson
Tel : +61 7 3864 1296

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 that 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

Director: Associate Professor Peter Timms
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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.

Analytical Science

Project areas currently being researched in the analytical science program include the development of new analytical instrumentation; use of chemometrics; elucidation of three-dimensional structures of complex molecules by NMR, X-ray diffraction and mass spectrometry; and use of vibrational spectroscopy for the characterisation of polymers, minerals, biological molecules and dyes; the application of analytical techniques to forensic science; electrochemical methods of analysis.

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; electrochemistry and spectoscopy 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 spectometry, thermal analysis, and materials testing equipment.

Director: P.M. Fredericks, BSc(Hons) DPhil Sus., FRACI

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.

Research is conducted in the areas of Stochastic Modelling and Applied Statistics, Industrial Mathematics, Operations Research, Mathematics applied to Medicine and Biology, Mathematical Modelling for health industry applications, and Scientific Computation (high performance computing and data visualisation).

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 terra-bytes of operations per second. The Centre is one of the users of Australia's first terra-FLOPS computing facility. The computing power is complemented by advanced visualisation systems, centrally provided research facilities and support.

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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

■ Master of Applied Science (SC80)

Award title: Master of Applied Science
CRICOS code: 014020C
Location: Gardens Point
Course duration (full-time): 2 years
Course duration (part-time): 3 years
Total credit points: 192
Standard credit points per semester (full-time): 48
Course coordinator: Dr Al Grenfell

Entry Requirement

Bachelor of Applied Science or equivalent.

The objectives of this course are:

- to provide postgraduate educational opportunities in specialised fields of applied science by means of a program that involves either an original contribution to knowledge or an original application of existing knowledge
- to provide education in research methods
- to enable graduates employed in industry to undertake further education by a combination of coursework, research and thesis
- to expand the involvement of students employed in industrial organisations and external agencies in undertaking relatively short-duration applied research or investigation.

1. General Conditions

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

1.2 The Council's power to approve recommendations from faculty academic boards regarding the registration, supervision and examination of research degree candidates and to develop policy and procedure relating to research degrees is exercised through a Research Management Committee which shall be a subcommittee of University Academic Board.

1.3 Research Management Committee has delegated responsibility for day-to-day administration of research masters degree courses to faculty academic boards. Academic boards shall report semi-annually to the Research

Management Committee on progress made by research masters degree candidates.

1.4 Unless the context otherwise indicates or requires, the words academic board and faculty shall refer to the faculty in which the candidate registers.

1.5 In order to qualify for the award of the degree of Master of Applied Science, a candidate must:

- have completed the approved course of study under the supervision prescribed by the Academic Board
- have submitted, and the Academic Board have accepted, a thesis prepared under the supervision of the supervisor
- have completed any other work prescribed by the Academic Board, and submit to the Academic Board a declaration signed by the candidate that he/she has not been a candidate for another tertiary award without permission of the Academic Board during the term of enrolment.

2. Registration

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

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

2.3 The minimum academic qualifications for admission to a program leading to a Master of Applied Science shall be:

- possession of a bachelor degree in applied science from the Queensland University of Technology, or
- possession of an equivalent qualification, or
- submission of such other evidence of qualifications as will satisfy the Academic Board that the applicant possesses the capacity to pursue the course of study.

2.4 Additional requirements for admission to a particular program may be laid down by the Academic Board.

2.5 In considering an applicant for registration the Academic Board shall, in addition to assessing the applicants suitability, assess the proposed program and its relevance to the aims and objectives of the University.

2.6 A candidate may register either as a full-time or as a part-time student.

2.6.1 To be registered as a full-time student, a candidate must be able to commit to the course not less than three-quarters of a normal working week, averaged over each year of candidacy. Such a student may not devote more than 300 hours annually to teaching activities, including preparation and marking.

2.6.2 A candidate who is unable to devote to the course the proportion of time specified in section 2.6.1 may register as a part-time student.

2.7 A candidate may be internal or external. An external candidate is one whose program of research and investigation is based at a place of employment or sponsoring institution. Normally, support of the sponsoring institution for the candidates application is required for a registration.

2.8 The Academic Board may cancel a candidates registration if, after consulting a candidates supervisors and having taken account of all relevant circumstances, the Academic Board is of the opinion that the candidate either has effectively discontinued his/her studies or has no reasonable expectation of completing the course of study within the maximum time allowed (see section 4).

2.9 A candidate whose registration has lapsed or has been cancelled and who wishes subsequently to re-enter the course to undertake a program which is the same or essentially the same as the previous program may be re-admitted under such conditions as the Academic Board may prescribe.

3. Course of Study

3.1 A candidate for the degree of Master of Applied Science shall undertake a program of research and investigation on a topic approved by the Academic Board. All projects should be sponsored either by outside agencies such as industry, government authorities, or professional organisations, or by the University itself.

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

3.3 The program includes both coursework and research.

The coursework is a program of up to 64 credit points as defined in sections 3.5 and 3.6 as appropriate for each candidate.

The research component is a program of supervised research and investigation of at least 128 credit points as described in 3.1 and 3.2.

3.4 The students progress will be monitored continually throughout the first 96 credit points of the course. Where the School Research Committee, on the advice of the supervisors, is of the opinion that progress is not satisfactory, the student will be advised to consider transferring his/her enrolment to the SC71 Graduate Diploma in Applied Science course.

3.5 Coursework at masters level may be conducted in a number of ways such as:

- advanced lecture courses
- seminars in which faculty and students present critical studies of selected problems within the subject field
- independent study or reading courses

In all cases, coursework is based upon a formal syllabus setting out the educational outcomes expected from the course, a list of

topics to be covered, the prescribed reading material and the method of assessment of progress through and at the end of the course.

3.6 A candidate shall be required to participate in and present seminars as considered appropriate by the Principal Supervisor. The candidate shall be notified of minimum attendance requirements at the time of acceptance of enrolments.

3.7 Students entering the course with an Honours degree or its equivalent or candidates with substantial relevant work experience normally gain exemptions to a maximum of 96 credit points at the discretion of the Academic Board on the recommendation of the Head of School.

3.8 Students entering the course with a Graduate Diploma may gain exemption to a maximum of 96 credit points at the discretion of the Academic Board on the recommendation of the Head of School.

3.9 An application for registration should set out the candidates intended course of study in broad outline but with specific objectives for the first year. The description should include the area of study within which the candidates course lies, the coursework to be undertaken and the proposed title of the thesis to be written.

At an appropriate time during the first year of full-time study or its equivalent the candidate must document and have approved by Academic Board on the recommendation of the Head of School a detailed course of study for the entire program. This description must include in addition to the proposed thesis title, the aim of the proposed program of research and investigation, its background, the significance and possible application of the research program, and the research plan.

4. Period of Time for Completion of Course of Study

4.1 A full-time candidate who does not hold an Honours degree appropriate to the course of study will normally be required to complete both course and research work, including submission of the thesis for examination during a period of registration of 24 months. The corresponding period in the case of a part-time candidate shall be 48 months. In special cases the Academic Board may approve a shorter period.

4.2 A holder of an Honours degree or its equivalent appropriate to the course of study may submit the thesis for examination after not less than 12 months of registration if a full-time student, or 24 months if a part-time student. In special cases the Academic Board may approve a shorter period.

4.3 Where application is made for permission to extend the period within which the candidate may submit a thesis for examination, details of the candidates progress shall be presented to the Academic Board together with the reasons for the delay in completing the work and the expected date of completion. Where the Academic Board agrees to an extension, it may set a limit to the maximum period of registration in the program.

5. Transfer of Registration

5.1 Where a candidate has undertaken part of a proposed course of study as a registered student in another institution, this period of registration may, on application in writing to the Academic Board at the time of application for registration, be counted towards the candidates period of registration in the QUT course. The application must include details of the work already undertaken, the reasons for the transfer and the expected date of completion.

5.2 Applications for transfer normally should be submitted at least 12 months in advance of the probable date of submission of the thesis.

6. Supervision

6.1 For each candidate the Academic Board shall appoint one or more supervisors with appropriate experience provided that, where more than one supervisor is appointed, one shall be nominated as the Principal Supervisor and the others as Associate Supervisors.

6.2 In the case of an internal student, the Principal Supervisor normally shall be from the academic staff of the school where the student carries out the work.

6.3 In the case of an external student, the Principal Supervisor normally shall be from the academic staff of the school supporting the work and at least one Associate Supervisor shall be from the sponsoring organisation.

6.4 At the end of each six-month period a student shall submit a report on the work undertaken to the Principal Supervisor and the Principal Supervisor shall submit a report to the Academic Board on the students work. This report shall be seen by the candidate before submission to the Academic Board.

7. Place and Conditions of Work

7.1 The research program is carried out under supervision in a suitable environment normally in Australia.

7.2 The Academic Board shall not admit a candidate to undertake a program of research based at the University unless it has received a statement from the Head of School in which the study is proposed that, in their opinion, the applicant is a fit person to undertake a research program leading to the masters degree, that the program is supported, and that the school/centre is willing to undertake the responsibility of supervising the applicants work.

7.3 The Academic Board shall not admit a candidate to undertake a research program based at a sponsoring establishment unless it has received:

- a statement from the employer or director of the sponsoring institution that the applicant will be provided with facilities to undertake the research project and that they are willing to accept responsibility for supervising the applicants work, and
- a statement from the Head of School or the Director of the Centre in which the study is proposed that, in their opinion, the applicant is a fit person to undertake a research program leading to the masters degree, that the program is supported, and that after examination of the proposed external facilities and supervision, the school is willing to accept the responsibility of supervising the work.

8. Thesis

8.1 In the form of presentation, availability and copyright, the thesis shall comply with the provisions of the document Requirements for Presenting Theses.

8.2 The candidates application for registration should set out the intended course of study in broad outline but with specific objectives for the first year. The description should include the area of study within which the candidates course lies, the coursework to be undertaken and the proposed title of the thesis to be written.

At an appropriate time during the first year of full-time study or its equivalent the candidate must document and have approved by Academic Board on the recommendation of the relevant Head of School a detailed course of study for the entire program. This description must include in addition to the proposed thesis title, the aim of the proposed program of research and investigation, its background, the significance and possible application of the research program, and the research plan.

The candidate shall give two months notice of intention to submit the thesis. Such notice shall be accompanied by the appropriate fee, if any.

8.3 The thesis shall comply with the following requirements:

- a significant portion of the work described must have been carried out subsequent to initial registration for the degree.
- it must describe a program of work carried out by the candidate, and must involve either an original contribution to knowledge or an original application of existing knowledge.
- it must reach a satisfactory standard of literary presentation.

- it shall be the candidates own account of the work. Where work is carried out jointly with other persons, the Academic Board shall be advised of the extent of the candidates contribution to the joint work.
- the thesis shall not contain as its main content any work or material which the student has previously submitted for another degree or similar award.
- supporting documents, such as published papers, may be submitted with the thesis if they have a bearing on the subject of the thesis.
- the thesis shall contain an abstract of not more than 300 words.

8.4 Except with the specific permission of the Academic Board, the thesis must be presented in the English language. Such permission must be sought at the time of application for registration, and will not be granted solely on the grounds that the candidates ability to satisfy the examiners will be affected adversely by the requirement to present the thesis in English.

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

8.6 Where a candidate or the sponsoring establishment wishes the thesis to remain confidential for a period of time after completion of the work, application for approval must be made to the Academic Board when the thesis is submitted. The period of confidentiality normally shall not exceed two years from the date on which the examiners recommend acceptance of the thesis, during which time the thesis will be held on restricted access in the QUT Library.

9. Examination of Thesis

9.1 The Academic Board shall appoint at least two examiners, of whom at least one shall be from outside the University. Normally examiners will be required to agree to read and report upon the thesis within two months of its receipt.

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

9.3 On receipt of satisfactory reports from the examiners, and when the provisions of 7.1 have been fulfilled, the Academic Board shall recommend to University Academic Board that the candidate be awarded the degree.

9.4 If the examiners reports are conflicting, the Academic Board may, after appropriate consultation with the Principal Supervisor, seek advice from a further external examiner.

9.5 If, on the basis of the examiners reports, the Academic Board does not recommend that the degree be awarded, then it shall:

- permit the student to resubmit the thesis within one year for re-examination, or
- cancel the students registration.

If a candidate is required to revise and resubmit a thesis, the examiners reports will be made available to the candidate, the anonymity of the examiners being maintained.

9.6 After the examination process is complete, examiners reports are to be made available to the candidate on request. The names of examiners will be released on request providing the examiner has indicated willingness to have his/her identity revealed to the candidate.

Coursework

The unit IFN001 Advanced Information Retrieval Skills (4 credit points) should normally be included.

The coursework units for individual strands are as follows. All the units shown are units designed for this course. Selections from other courses may be approved.

Course Structure - Chemistry Strand

PCN701 Topics in Advanced Chemistry 1
PCN705 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 enrolment 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
Select two 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
MAB523 Introduction to Quality Management
Year 1, Semester 2
LSB637 Molecular Genetics
LSN102 Cellular Basis of Disease
MGN409 Introduction to Management

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 duration (full-time): 1 year plus Summer Program
Total credit points: 144
Standard credit points per semester (full-time): 48
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.

■ Master of Applied Science (Medical Ultrasound) (PH80)

Award title: Master of Applied Science (Medical Ultrasound)
Location: Gardens Point
Course duration (full-time): 1.5 year (plus Summer Program)
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: Margo Harkness

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 Ultrasonic 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.

■ Master of Cardiac Ultrasound (PH85)

Award title: Master of Cardiac Ultrasound
Location: Gardens Point
Course duration (part-time): 3 years
Total credit points: 144
Standard credit points per semester (full-time): 48
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

Stage 1

To complete Stage 1, students must complete the units listed below (total 96 credit points):

First Semester
LSN259 Cardiac Anatomy, Embryology and Pathology
PCN162 Principles of Medical Ultrasound
PCN497/1 Clinical Attachment 4*

Second Semester
PCN259 Cardiac Ultrasound 1
PCN497/2 Clinical Attachment 4*

Third Semester
PCN359 Cardiac Ultrasound 2
PCN218 Research Methodology and Professional Studies
PCN597/1 Clinical Attachment 5/1*

Fourth Semester
PCN459 Advanced Cardiac Ultrasound
PCN597/2 Clinical Attachment 5/2*
* The clinical attachment units are 2 semester units.

Stage 2

To complete Stage 2, students must complete the units below (48 credit points):

First Semester (Project Over Two Semesters)
PCN640/1 Project
PCN640/2 Project

NOTE: A student may request an extension of time in which to submit the project report for assessment. A request for an extension of time up to a maximum of six months shall be made in writing through the Head of School to the Dean. Any request for a further extension, or any request for an extension to a date later than six months after the original due date, shall be made to the Academic Board. The Academic Board may grant the extension under such conditions as it may consider appropriate, or may award the student a 'Fail' result in the project unit.

A student who has received a 'Fail' result in the project unit may re-enrol in the unit only in exceptional circumstances and with the express permission of the Academic Board.

■ Graduate Diploma in Applied Science (Medical Imaging) (PH71)

Award title: Graduate Diploma in Applied Science (Medical Imaging)
CRICOS code: 020315D
Location: Gardens Point
Course duration (full-time): 1 year
Total credit points: 96
Standard credit points per semester (full-time): 48
Course coordinator: A/Prof Brian J Thomas
Discipline coordinator: Pam Rowntree

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: 020315D
Location: Gardens Point
Course duration (full-time): 1 year
Course duration (part-time): 2 years
Total credit points: 96
Standard credit points per semester (full-time): 48
Course coordinator: A/Prof Brian J Thomas
Discipline coordinator: Dr Greg Michael

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
Standard credit points per semester (full-time): 48
Course coordinator: A/Prof Brian J Thomas
Discipline coordinator: Margo Harkness

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 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

LSN259 Cardiac Anatomy, Embryology and Pathology
PCN162 Principles of Medical Ultrasound
PCN497/1 Clinical Attachment 4 *

Second Semester

PCN259 Cardiac Ultrasound 1
PCN497/2 Clinical Attachment 4 *

Third Semester

PCN218 Research Methodology and Professional Studies
PCN359 Cardiac Ultrasound 2
PCN597/1 Clinical Attachment 5/1 *

Fourth Semester

PCN459 Advanced Cardiac Ultrasound
PCN597/2 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)

PCN162 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 of 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

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

Summer Program

PCN187 Specialist Studies
PCN281 Advanced Magnetic Resonance Imaging
PCN318 Radiographic Interpretation
Elective (as approved by the Course Coordinator)
PCN197 Clinical Attachment 1
PCN197 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)
Dean's Scholars Program enrichment unit:
SCB301 Science for Dean's Scholars

Year 1, Semester 1 (60 cp)
Dean's Scholars Program enrichment unit:
SCB303 Tutorial Program for Dean's Scholars
Normal BAppSc and BAppSc(Hons) units: BAppSc Coursework (48 cp)

Year 1, Semester 2 (60 cp)
Dean's Scholars Program enrichment unit: Elective (12 cp)
Normal BAppSc and BAppSc(Hons) units: BAppSc Coursework (48 cp)

Year 2, Semester 1 (60 cp)
Dean's Scholars Program enrichment unit:
SCB401 Research Methods for Dean's Scholars
(SCB401 Research Methods for Dean's Scholars may be replaced by an approved elective unit in the case of the Physics major)
Normal BAppSc and BAppSc(Hons) units: BAppSc Coursework (48 cp)

Year 2, Semester 2 (60 cp)
Dean's Scholars Program enrichment unit:
SCB501 Research Project for Dean's Scholars
Normal BAppSc and BAppSc(Hons) units: BAppSc Coursework (36 cp)

Year 3, Semester 1 (60 cp) and Semester 2 (60 cp)
Normal BAppSc and BAppSc(Hons) units: BAppSc + BAppSc(Hons) Coursework (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) unit:
LSB657 Perspectives in Life Science

Year 3, Semester 1 (60 cp) and Semester 2 (48 cp)
Normal BAppSc and BAppSc(Hons) units: BAppSc + BAppSc(Hons) Coursework (12cp + 36 cp respectively)
Normal BAppSc and BAppSc(Hons) units: BAppSc(Hons) Research (60 cp)

Course Structure - Major in Mathematics

Year 1, Summer Term (24 cp)
EITHER
Dean's Scholars Program enrichment unit (MS module + MA module + one of the PH, CH, and LS modules):
SCB301 Science for Dean's Scholars
OR
MAB101 Statistical Data Analysis 1
AND
MAB111 Mathematical Sciences 1B

Year 1, Semester 1 (60 cp)
Normal BAppSc and BAppSc(Hons) units: BAppSc Coursework (60 cp)

Year 1, Semester 2 (60 cp)
Normal BAppSc and BAppSc(Hons) units: BAppSc Coursework (60 cp)

Year 2, Semester 1 (60 cp)
Normal BAppSc and BAppSc(Hons) units: BAppSc Coursework (60 cp)

Year 2, Semester 2 (60 cp)
Normal BAppSc and BAppSc(Hons) units: BAppSc Coursework (36 cp)
Dean's Scholars Program enrichment unit:
SCB501 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
PCB742 Elective Studies
PCB780 Advanced Topics in Chemistry 1
Year 1, Semester 2
PCB700 Research Project
PCB700 Research Project
PCB700 Research Project
PCB780 Advanced Topics in Chemistry 1

Course Structure - Major in Ecology, Environmental Science, Geology

Year 1, Semester 1
NRB720 Project
NRB730 Research Methods and Strategies
NRB730 Research Methods and Strategies
NRB735 Advanced Studies in Resource Sciences
Year 1, Semester 2
NRB720 Project
NRB720 Project
NRB720 Project
NRB720 Project

Course Structure - Major in Life Science

Year 1, Semester 1
LSB850 Research Strategies
LSB851 Readings in Life Science 1
LSB852 Project
Year 1, Semester 2
LSB850 Research Strategies
LSB851 Readings in Life Science 1
LSB852 Project

Course Structure - Major in Mathematics

Year 1, Semester 1
MAB787 Project
36 credit points of elective units selected from the list below*
Year 1, Semester 2
MAB787 Project
MAB787 Project
24 credit points of elective units selected from the list below*

Elective list (Mathematics) - 60 credit points to be selected:
ITN556 Advanced Topics in Cryptology
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 Physics

Year 1, Semester 1
PCB700 Research Project
PCB700 Research Project
Elective
Elective
Year 1, Semester 2
PCB700 Research Project
PCB700 Research Project
PCB700 Research Project
Elective
Elective List (Physics)
PCB706 Quantum Mechanics
PCB708 Advanced Topics in Physics
PCN112 Medical Imaging Science
PCN113 Radiation Physics
PCN114 Microprocessors and Instrumentation
PCN211 Medical Imaging

PCN212 Radiotherapy
PCN214 Health and Occupational Physics
PCN716 Advanced Topics in Physics 2
Other units may be chosen in consultation with the Course Coordinator.

■ Bachelor of Applied Science - Medical Radiation Technology (Medical Imaging Technology) (PH38)

Award title: Bachelor of Applied Science (Medical Radiation Technology)
CRICOS code: 037588F
Location: Gardens Point
Course duration (full-time): 3 years
Total credit points: 288
Standard credit points per semester (full-time): 48
Course coordinator: Pam Rowntree

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
PCB672 Project
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
PCB396/2 Radiotherapy Planning and Physics
PCB489 Clinical Radiotherapy 2
PCB495 Computer Assisted Treatment Planning 1
PCB497 Megavoltage Therapy 3
Year 3, Semester 1
PCB587 Specialised Radiotherapy Technique 1
PCB590/1 Clinical Radiotherapy 3
PCB593 Digital Image Processing
PCB595 Computer Assisted Treatment Planning 2
PCB672 Project
Year 3, Semester 2
PCB590/2 Clinical Radiotherapy 3
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

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 for Operations Research, Ecological Society of Australia, Geological Society of Australia, Royal Australian Chemical Institute, Statistical Society of Australia.

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; biotechology; 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

LSB608 Protein Science
LSB609 Medical Biotechnology 2
LSB628 Food Microbiology
LSB637 Molecular Genetics
LSB647 Clinical Mycology and Parasitology
LSB648 Molecular Microbiology
LSB657 Perspectives in Life Science
LSB658 Clinical Physiology
LSB677 Plant Biotechnology 2
MAB521 Applied Mathematics 3
MAB522 Computational Mathematics 3
MAB523 Introduction to Quality Management
MAB524 Statistical Inference
MAB525 Operations Research 3A
MAB526 Statistical Science 3
MAB580 Scientific Computation
MAB613 Partial Differential Equations
MAB621 Discrete Mathematics
MAB623 Financial Mathematics
MAB624 Applied Statistics 3
MAB625 Operations Research 3B
MAB640 Industry Project
MAB672 Advanced Mathematical Modelling
MAB681 Advanced Visualisation and Data Analysis
NRB500 Environmental Modelling
NRB501 Mapping and Modelling of Natural Resource Data
NRB510 Population Genetics
NRB511 Population Management
NRB533 Advanced Geological Mapping
NRB534 Geophysics
NRB535 Geology of Fossil Fuels
NRB536 Petrology and Geochemistry
NRB572 Terrestrial Ecosystems
NRB600 Issues in Environmental Management
NRB610 Ecological Applications
NRB611 Conservation Biology
NRB630 Exploration Geology
NRB633 Hydrogeology
NRB634 Igneous Petrology and Petrochemistry
NRB635 Plate Tectonics and Advanced Structural Geology
NRB636 Stratigraphy and Basin Analysis
NRB640 Physical Chemistry of the Environment
NRB660 Studies in Natural Resource Sciences
NRB672 Marine and Freshwater Ecosystems
PCB505 Advanced Physical Chemistry
PCB514 Instrumental Analysis
PCB524 Unit Operations
PCB548 Medical Physics
PCB554 Synthesis and Reactivity in Organic Chemistry
PCB561 Quantum and Condensed Matter Physics
PCB562 Physical Methods of Analysis
PCB584 Forensic Examination of Physical Evidence
PCB593 Digital Image Processing
PCB604 Project
PCB614 Materials Analysis
PCB624 Chemistry in Industry and Technology
PCB634 Organometallic and Coordination Chemistry
PCB644 Frontiers in Chemistry
PCB648 Applied Radiation and Health Physics
PCB661 Experimental Physics
PCB665 Physics 3
PCB684 Forensic Analysis and Toxicology
SCB501 Research Project for Dean's Scholars
SCB601 Perspectives in Science

■ Bachelor of Applied Science (Environmental Science) (SC01)

Award title: Bachelor of Applied Science (Environmental Science)
CRICOS code: 003502J
Location: Carseldine
Course duration (full-time): 3 years
Course duration (part-time): 6 years
Total credit points: 288
Standard credit points per semester (full-time): 48
Course coordinator: Dr Neville Bofinger

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, geographic 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
LSB118 Life Science
NRB100 Environmental Science
PCB101 Physical Science
Year 1, Semester 2
NRB232 Environmental Geology
NRB270 Animal and Plant Structure and Function
PCB142 Chemistry 1
AND
MAB105 Preparatory Mathematics
OR
Elective
Year 2, Semester 1
MAB101 Statistical Data Analysis 1
NRB300 Environmental Monitoring
Year 2, Semester 2
NRB311 Population Ecology
NRB400 Environmental Systems
NRB440 Environmental Chemistry
Year 3, Semester 1
NRB500 Environmental Modelling
NRB501 Mapping and Modelling of Natural Resource Data
Year 3, Semester 2
NRB600 Issues in Environmental Management
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
HHB312 Geographical Research Design
Year 3, Semester 2
HHB269 Ethics, Technology and the Environment
PSB655 Remote Sensing

Course Structure - Co-Major in Psychology

Year 1, Semester 1
PYB007 Interpersonal Processes and Skills
PYB012 Psychology
Year 1, Semester 2
PYB007 Interpersonal Processes and Skills
*PYB007 can be undertaken in either semester 1 or semester 2

Years 2 & 3, Semester 1
PYB205 Social Psychology
PYB303 Cognitive Psychology
Years 2 & 3, Semester 2
PYB203 Developmental Psychology
3 approved electives

Elective Units
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
PYB302 Industrial and Organisational Psychology
PYB304 Physiological Psychology
PYB306 Psychopathology
PYB311 Psychological Assessment
PYB353 Occupational and Vocational Psyc
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

■ 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
LSB338 Cell and Molecular Biology 2
LSB365 Pathology
Year 2, Semester 2
LSB425 Quantitative Medical Science
LSB435 Diagnostic Microbiology 1
LSB438 Immunology 1
LSB465 Histopathology 1
LSB480 Professional Practice
Year 3, Semester 1
LSB525 Clinical Biochemistry 1
LSB535 Microbial Immunology
LSB555 Haematology 1
LSB565 Histopathology 2
Year 3, Semester 2
LSB625 Clinical Biochemistry 2
LSB635 Diagnostic Microbiology 2
LSB655 Haematology 2
LSB665 Immunohaematology

Course Structure - Part-time

Year 1, Semester 1
LSB118 Life Science
MAB141 Mathematics and Statistics for Medical Science
Year 1, Semester 2
LSB238 Cell and Molecular Biology 1
LSB250 Human Physiology
Year 2, Semester 1
PCB142 Chemistry 1
PCB150 Physics 1H
Year 2, Semester 2
LSB255 Human Anatomy
PCB242 Chemistry 2
Year 3, Semester 1
LSB325 Biochemistry
LSB328 Microbiology 1
Year 3, Semester 2
LSB425 Quantitative Medical Science
LSB435 Diagnostic Microbiology 1
Year 4, Semester 1
LSB338 Cell and Molecular Biology 2
LSB365 Pathology
Year 4, Semester 2
LSB438 Immunology 1
LSB465 Histopathology 1
LSB480 Professional Practice
Year 5, Semester 1
LSB525 Clinical Biochemistry 1
LSB535 Microbial Immunology
Year 5, Semester 2
LSB625 Clinical Biochemistry 2
LSB635 Diagnostic Microbiology 2
Year 6, Semester 1
LSB555 Haematology 1
LSB565 Histopathology 2
Year 6, Semester 2
LSB655 Haematology 2
LSB665 Immunohaematology

■ Bachelor of Applied Science Innovation (SC51)

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

MAB111 Mathematical Sciences 1B
PCB242 Chemistry 2
Year 2, Semester 1
ITB848 Software Principles
LSB308 Biochemistry
LSB338 Cell and Molecular Biology 2
MAB380 Introduction to Supercomputing
Year 2, Semester 2
LSB468 Molecular Biology
MAB481 Visualisation and Data Analysis
Core Business/IT unit
Core Business/IT unit
Year 3, Semester 1
LSB537 Genetic Engineering
MAB580 Scientific Computation
Core Business/IT unit
Core Business/IT unit
Year 3, Semester 2
LSB608 Protein Science
LSB619 Genomics
MAB681 Advanced Visualisation and Data Analysis
Core Business/IT unit

Course Structure - Major in Chemical Technology

Year 1, Semester 1
MAB101 Statistical Data Analysis 1
PCB142 Chemistry 1
PCB150 Physics 1H
Core Business/IT unit
Year 1, Semester 2
MAB100 Mathematical Sciences 1A
PCB200 Chemical Technology 1
PCB242 Chemistry 2
Core Business/IT unit
Year 2, Semester 1
PCB305 Principles of Physical Chemistry
PCB354 Structure and Mechanism in Organic Chemistry
Core Business/IT unit
Elective stream unit
Year 2, Semester 2
PCB414 Industrial and Environmental Analytical Chemistry
PCB434 Inorganic Chemistry
PCB444 Spectroscopy
Core Business/IT unit
Year 3, Semester 1
PCB514 Instrumental Analysis
PCB524 Unit Operations
Core Business/IT unit
Elective stream unit
Year 3, Semester 2
PCB624 Chemistry in Industry and Technology
PCB644 Frontiers in Chemistry
Core Business/IT unit
Elective stream unit

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
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
Core Business/IT unit
Elective stream 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 unit *
Core Business/IT unit
Elective stream unit
Year 3, Semester 2
MAB681 Advanced Visualisation and Data Analysis
Mathematics unit *
Core Business/IT unit
Elective stream unit

**** Mathematics Units - 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 - Operations Research Emphasis:***
MAB315 Operations Research 2
MAB525 Operations Research 3A
EITHER
MAB625 Operations Research 3B
OR
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

LSB258 Human Anatomy and Physiology
LSB397 Plant Physiology 1
PCB242 Chemistry 2
Year 1, Summer Program
BSB110 Accounting
BSB119 International and Electronic Business
BSB126 Marketing
Year 2, Semester 1
LSB309 Introduction to Intellectual Property Law
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
BSB311 Research, Development and Commercialisation Strategies
LSB409 Readings in Biotechnology
LSB609 Medical Biotechnology 2
LSB619 Genomics
LSB677 Plant Biotechnology 2
Year 3, Summer Program
LSB709 Biotechnology Research Project
LSB709/2 Biotechnology Research Project
LSB709/3 Biotechnology Research Project

■ 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
BSB126 Marketing
LSB397 Plant Physiology 1
LSB468 Molecular Biology
LSB497 Plant Molecular Biology
Year 3, Semester 1
AMB251 Innovation and Market Development
LSB509 Medical Biotechnology 1
LSB537 Genetic Engineering
LSB577 Plant Biotechnology 1
Year 3, Semester 2
LSB605 Protein Engineering and Bioprocessing
LSB609 Medical Biotechnology 2
LSB619 Genomics
LSB677 Plant Biotechnology 2
Year 4, Semester 1
BSB310 Business and Biotechnology
LSB309 Introduction to Intellectual Property Law
LSB409 Readings in Biotechnology
MGB218 Venture Skills
Year 4, Semester 2
BSB311 Research, Development and Commercialisation Strategies
LSB709 Biotechnology Research Project
LSB709/2 Biotechnology Research Project
LSB709/3 Biotechnology Research Project

International College

Overview **274**

Senior Staff **274**

Courses

- University Diploma in Business (BS40) 274
- English for Academic Purposes (QC10) 274
- General English (QC20) 274
- University Diploma in Professional Communication (IF06) 275
- University Diploma in Information Technology (IT10) 275
- Foundation Program (1 Semester) (QC01) 275
- Foundation Program (2 Semesters) (QC02) 276
- Bridging Program (QC03) 276

OVERVIEW

QUT International College (QUTIC) provides a variety of programs primarily for international students who seek to bridge their studies to higher education courses at QUT and other Australian universities.

The International College is an integral part of QUT. It contributes to the internationalisation of the university through the delivery of University Entry Programs and English Language Programs which prepare international students for undergraduate and postgraduate study at QUT.

The College provides a variety of pathways to meet the varying needs of students. These include English Language, Foundation, Bridging, Diploma and Postgraduate Pathway programs. Students receive high quality tuition and support in small classes and, at the same time, enjoy the full use of all university facilities including libraries, student services, recreational and computer facilities.

SENIOR STAFF

Director, QUT International College: Ms Elizabeth McDade, TDipCom *Strathclyde*, TCert *Jordanhill*, BEdSt *Qld*, MAcc *Charles Sturt*

Director of Studies, University Entry Programs: Ms A. Poiner, 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 intakes 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-making
- 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

MJD140 Media and Society
QCD110 Communication for Business 1
QCD105 Computing and Study Skills
+ two Business electives from the list below
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
ITD107 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 5.5 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)
QCF220 Accounting 2
QCF211 Tertiary Preparation Studies 2

QCF250 Mathematics B
QCF251 Mathematics C
QCF253 Physical Sciences 2
QCF210 Applied Psychology
QCF230 Information Processing
QCF120 Accounting 1
QCF121 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 and 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
QCF120 Accounting 1
QCF121 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
QCF120 Accounting 1
QCF121 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 & Prof. Com. students only)
QCF252 & QCF240 are only offered in ALTERNATE semesters

■ 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 pre requisite requirement 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
DEGREE SUBJECT

Stream B (for those with IELTS 6.5)
QCS211 Academic Communication
QCS212 Tertiary Study Skills
DEGREE SUBJECT One
DEGREE SUBJECT Two
Optional unit below
QCS230 Computing

University-wide and Interfaculty Courses

Courses

- Doctor of Philosophy (IF49) 278
- Master of Business Administration/Master of Information Technology (IF14) 287
- Master of Business Administration/Master of Information Technology (IT Graduates) (IF17) 288
- Master of Creative Industries (IF04) 288
- Graduate Diploma in Creative Industries (Creative and Media Enterprises) (IF03) 289
- Graduate Diploma in Creative Industries (IF02) 289
- Graduate Certificate in Creative Industries (IF01) 289
- Graduate Certificate in Risk Management (IF88) 290
- Bachelor of Applied Science (Environmental Science)/Bachelor of Health Science (Environmental Health) (IF87) 290
- Bachelor of Applied Science (in Human Movement Studies)/Bachelor of Business (Accountancy, Banking and Finance, Economics or Marketing) (IF62) 290
- Bachelor of Applied Science (in Human Movement Studies)/Bachelor of Business (Advertising, Human resource Management, International Business, Management or Public Relations) (IF62) 293
- Bachelor of Applied Science (in Human Movement Studies)/Bachelor of Education (Secondary) (IF73) 296
- Bachelor of Applied Science (Mathematics)/Bachelor of Business (Accountancy, Banking and Finance or Economics) (IF60) 297
- Bachelor of Applied Science (Mathematics)/Bachelor of Information Technology (IF58) 300
- Bachelor of Applied Science/Bachelor of Business (IF61) 302
- Bachelor of Applied Science/Bachelor of Education (Early Childhood) (IF83) 303
- Bachelor of Applied Science/Bachelor of Education (Primary) (IF84) 306
- Bachelor of Applied Science/Bachelor of Education (Secondary) (IF71) 314
- Bachelor of Applied Science/Bachelor of Information Technology (IF29) 319
- Bachelor of Applied Science/Bachelor of Laws (IF39) 321
- Bachelor of Arts/Bachelor of Applied Science (IF86) 326
- Bachelor of Arts/Bachelor of Business (Accountancy, Banking and Finance, Economics or Marketing) (IF30) 328
- Bachelor of Arts/Bachelor of Business (Advertising, Human Resource Management, International Business, Management or Public Relations) (IF30) 331
- Bachelor of Arts/Bachelor of Business (Electronic Business) (IF30) 333
- Bachelor of Arts/Bachelor of Education (Early Childhood) (IF81) 333
- Bachelor of Arts/Bachelor of Education (Primary) (IF82) 335
- Bachelor of Arts/Bachelor of Education (Secondary) (IF70) 336
- Bachelor of Arts/Bachelor of Laws (IF43) 338
- Bachelor of Business (Accountancy and Economics)/Bachelor of Education (Secondary) (IF72) 340
- Bachelor of Business (Accountancy)/Bachelor of Laws (IF37) 340
- Bachelor of Business (Accountancy, Banking and Finance, Economics or Marketing)/Bachelor of Health Science (Health Services Management) (IF47) 341
- Bachelor of Business (Advertising, Human Resource Management, International Business, Management or Public Relations)/Bachelor of Laws (IF41) 342
- Bachelor of Business (Advertising, Human Resource Management, International Business, Management or Public Relations)/Bachelor of Health Science (Health Services Management) (IF47) 345
- Bachelor of Business (Banking and Finance, Economics or Marketing)/Bachelor of Laws (IF41) 347
- Bachelor of Business (Electronic Business)/Bachelor of Health Science (Health Services Management) (IF47) 348
- Bachelor of Business Information Management (IF11) 349
- Bachelor of Business/Bachelor of Information technology (Information Technology) (IF48) 349
- Bachelor of Creative Industries (Communication Design)/Bachelor of Information Technology (IF90) 353
- Bachelor of Creative Industries (Dance)/Bachelor of Education (Secondary) (IF75) 354
- Bachelor of Creative Industries (Drama)/Bachelor of Education (Secondary) (IF76) 356
- Bachelor of Creative Industries (Media Studies)/Bachelor of Business (IF09) 358
- Bachelor of Creative Industries (Media Studies)/Bachelor of Laws (IF10) 362
- Bachelor of Creative Industries (Visual Arts)/Bachelor of Education (Secondary) (IF78) 362
- Bachelor of Engineering (Electrical and Computer Engineering)/Bachelor of Applied Science (Mathematics) (IF21) 363
- Bachelor of Engineering (Electrical and Computer Engineering)/Bachelor of Business (IF28) 365
- Bachelor of Engineering (Electronics)/Bachelor of Information Technology (IF59) 369
- Bachelor of Health Science (Health Information Management)/Bachelor of Information Technology (IF85) 370
- Bachelor of Information Technology/Bachelor of Education (Secondary) (IF79) 371
- Bachelor of Information Technology/Bachelor of Laws (IF38) 372
- Bachelor of Journalism/Bachelor of Business (IF05) 372
- Bachelor of Journalism/Bachelor of Laws (IF07) 376
- Bachelor of Mass Communication (IF27) 377
- Bachelor of Music/Bachelor of Education (Secondary) (IF77) 379

■ 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 students erudition in a broad field of learning and for notable accomplishment in that field through an original and substantial contribution to knowledge. The candidates research must reveal high critical ability and powers of imagination and synthesis, and may be in the form of new knowledge, or of significant and original adaptation, application and interpretation of existing knowledge.

1. General Conditions

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

1.2 This document sets out the Regulations governing the award of the degree of Doctor of Philosophy (PhD) at the Queensland University of Technology (QUT).

1.3 The Council's power to approve arrangements for the registration and examination of candidates for the degree of PhD at QUT is exercised through a Research Degrees Committee, which shall be a subcommittee of the University Research Committee. In exercising this power, the Research Degrees Committee shall be advised by faculty academic boards, deans of faculties and heads of schools as appropriate.

1.4 The PhD will be awarded subject to the Research Degrees Committee receiving:

- a certificate of satisfactory completion of the candidate's approved course of study signed by the Principal Supervisor, Head of School and endorsed by the faculty;
- a declaration signed by the candidate that she/he has not been a candidate for another tertiary award during the tenure of her/his PhD candidature without the permission of the Research Degrees Committee;
- a declaration signed by the candidate stating original authorship of the thesis;
- an application for the conferral of the degree, signed by the Principal Supervisor, Director of Centre/Res Con, Head of School, stating that the candidate has satisfactorily completed the examination process including completing any revisions or re-examination required by the external examiners; and
- at least one final copy of the thesis in the prescribed format.

2. Definitions

2.1 Candidate means any person admitted to the planned program of research leading to the degree of PhD.

2.2 Candidature means the period of study towards the degree of PhD being the period from the date of commencement as advised by the Office of Research until the thesis is submitted for examination or until the candidature is terminated, after which time the candidate holds the status of 'Under Examination'.

2.3 Confirmed candidature means the period of study towards the degree of PhD from the date of successful completion of Confirmation of Candidature as approved by Research Degrees Committee to the approval of the award of the degree of PhD by the University Academic Board.

2.4 Collaborative research group means the group of researchers which is directly involved with the candidate's research project or a larger research project of which the candidate's study forms a part. This does not include other researchers from any collaborating organisation who do not have input into the specific research project.

2.5 The degree of Doctor of Philosophy or (PhD) at QUT signifies that the holder has undertaken a substantial piece of original research which has been conducted and reported under proper academic supervision and in a research environment for a prescribed period. The PhD's contribution to knowledge rests on the originality of the approach and/or interpretation of findings and, in some cases, the discovery of new knowledge. The award of a PhD demonstrates that the candidate has the ability to communicate research findings effectively in the professional arena and in an international context.

2.6 Examination means the formal testing of the candidate's thesis to critically evaluate whether the conditions for the award of the degree of PhD have been met.

2.7 Examination Committee means the committee of external examiners appointed to undertake examination of the candidate's thesis.

2.8 External candidate means a candidate who will undertake his or her study overseas, interstate, remote from Brisbane or at a place of professional employment or another research institution in Brisbane (for example Queensland Institute of Medical Research).

2.9 Faculty means the relevant faculty of QUT.

2.10 Faculty Committee means the duly constituted committee responsible for the management and oversight of postgraduate candidates within the faculty.

2.11 A Final Seminar means the public seminar called by the faculty to determine whether the thesis is acceptable for examination by the Examination Committee.

2.12 Internal candidate means a candidate who will complete his or her study whilst physically attending a campus of QUT.

2.13 Masters by coursework means a master's degree, which has a research component comprising less than 66% of the total course of study.

2.14 Masters by research means a master's degree, which has a research component comprising 66% or more of the total course of study.

2.15 Prescribed Form means the relevant form found via the Research Students Section of the QUT Office of Research Home Page.

2.16 Professional Doctorate (Research) means a doctoral degree at QUT, which has a significant formal coursework component, which is no more than 33% of the total course of study.

2.17 Recognised institution means any tertiary education institution accepted by the Research Degrees Committee for the purposes of these Regulations.

2.18 Research centre/research concentration means the relevant research centre/research concentration of QUT.

2.19 Review Period means a period of up to three months after completion of a progress report, eg the Confirmation of Candidature, Annual report or interim faculty report during which the candidate is required to do more work until the faculty advises the Research Degrees Committee that the candidature should be continued or terminated.

2.20 School means the relevant school of QUT.

2.21 Thesis means the collection of materials submitted by the candidate to the Examination Committee for examination.

3. Admission to Candidature

3.1 To gain admission into a planned research program leading to the award of PhD a candidate normally shall hold a relevant first class or second class division A honours degree or equivalent, an appropriate masters degree (by research or coursework), or a professional doctorate, from a recognised institution.

3.2 Masters degrees by coursework and professional doctorates must contain a significant research component, which would normally be no less than 33% of the total degree in order to qualify an applicant for admission to the PhD program. Normally, applicants holding a masters by coursework or a coursework

professional doctorate must have a GPA of at least 5.0 on a 7 point scale or equivalent standing as certified by the faculty in which the candidate wishes to enrol before they may be admitted to PhD candidature.

3.3 Coursework masters and professional doctorates which do not contain the research component defined in Regulation 3.2 are not considered adequate to allow admission to the PhD program unless (a) the applicant can demonstrate a grade point average of at least 5.0 on a 7 point scale in such a course; and (b) an additional level of research experience and potential which is deemed acceptable to the faculty and approved by the Research Degrees Committee. For example, by the publication of articles in refereed research journals.

3.4 Applicants must demonstrate sufficient command of English to complete the proposed course of study in English, that is, the Confirmation Seminar, the Final Seminar, and the written thesis. (Exceptions may apply, see Section 13.2).

4. Application Procedure and Commencement

4.1 Candidature shall have commenced on the date of admission or at some later date as determined by the Research Degrees Committee.

4.2 An application for admission shall be made on the prescribed form and shall involve a two-stage process.

4.3 Stage 1 of the application process must include:

- Doctor of Philosophy Stage 1 Application Form (if the applicant holds citizenship or permanent residency in Australia or New Zealand);
- Application for Admission to QUT as an International Candidate Form F (if the applicant is an international candidate);
- personal data;
- details of relevant professional research experience;
- the proposed field of study;
- brief (200-300 words) outline of the project to be undertaken;
- the centre/research concentration in which the research is to be undertaken; and
- a certified copy of the candidate's academic record.

The application must be approved by the duly constituted faculty committee which will determine whether the applicant meets the criteria for admission (Section 3) or, if deficiencies exist, what they are and how they can be remedied.

4.4 The Stage 2 application must be completed and submitted to the Research Degrees Committee within three months of conditional admission (up to six months for part-time candidates and international candidates) and must include:

- a completed Doctor of Philosophy Stage 2 Application form;
- the proposed title of the thesis;
- the objectives of the program of research and investigation;
- an outline of the proposed research;
- the research methods and plan;
- the relation of the study to previous work in the same field by the candidate and others;
- a preliminary literature review;
- a substantial bibliography;
- a timeline for completion of the proposed research;
- a statement of individual contribution if the proposed plan of study is part of a group project;
- the coursework to be completed;
- a Research Ethics Review Checklist;
- the proposed supervisors and their credentials; and
- an Intellectual Property Agreement if required (ref. Regulation 6.7).

Stage 2 of the application must be approved by the faculty committee and then recommended to the Research Degrees Committee for final approval.

4.5 If the Stage 2 application is not submitted to the Research Degrees Committee within the time specified, the Research Degrees Committee may, on advice from the faculty committee and Principal Supervisor, terminate the candidature. In exceptional cases an extension of approximately three months may be granted in order to meet the conditions of the Stage 2 application.

4.6 To complete Stage 2 of the application process, the faculty shall confirm to the Research Degrees Committee:

- that the applicant's proposed topic of research is consistent with the aims and objectives of the centre/research concentration; and
- that the centre/research concentration is willing and able to provide appropriate accommodation, facilities and physical, human and financial resources for the proposed study for the duration of the candidature.

4.7 Following receipt of the faculty's advice on the Stage 2 application, the Research Degrees Committee shall determine that:

- the applicant be admitted to PhD candidature in which case it shall confirm the appointment of supervisors; or
- the applicant be required to submit further information which shall be considered at a subsequent meeting of Research Degrees Committee; or
- the applicant be admitted to masters by research candidature with the option of later applying to upgrade to PhD candidature (ref. Section 7), or
- the applicant not be admitted;

and may set conditions regarding the offer of admission. An applicant who is not admitted to candidature may re-apply for admission at a later date after addressing issues raised.

5. Enrolment

5.1 Once admitted to PhD candidature, a candidate may enrol either as a full-time or a part-time internal candidate or a full-time or part-time external candidate though restrictions apply to some Scholarship holders.

5.2 To be enrolled as a full-time candidate, a candidate must be able to commit to the course 30 hours per week averaged over each year of candidature. Paid work, including preparation, teaching, marking and research assistant duties, may be undertaken but must not interfere with a candidate's study program. A candidate in receipt of a scholarship is subject to additional restrictions on the amount of paid work allowable as described in the relevant scholarship guidelines.

5.3 A candidate who is unable to devote to the course the proportion of time specified in Regulation 5.2 may enrol as a part-time candidate. A part-time candidate will be expected to progress at half the rate of a full-time candidate: an average of 15 hours per week.

5.4 It is the candidate's responsibility to remain enrolled from the date of commencement until the thesis is submitted for external examination to the Research Students' Section, Office of Research (ref. Section 9).

5.5 The Research Degrees Committee may cancel a candidate's enrolment, having taken account of all relevant documented circumstances and having given the candidate opportunity to show cause why enrolment should not be cancelled if:

- it is of the opinion that the candidate either has effectively discontinued his/her studies or has no reasonable expectation of completing the course of study within the maximum time allowed (ref. Section 8); or
- the quality and progress of research gives no reasonable expectation of successful completion of the degree based on written/formal communications between the candidate and relevant staff members including supervisor and Centre Director as recorded in progress reports; or

- the candidate's grade point average in coursework undertaken is below 5.00 on a scale of seven or other measure agreed to between candidate and supervisor.

5.6 A candidate whose enrolment has lapsed or has been cancelled and who wishes subsequently to re-enter the course of study to pursue an investigation, which is substantially the same as her/his previous investigation, must apply in writing to the faculty. If the faculty supports the readmission of the candidate, the application will be forwarded to the Office of Research for consideration by the Research Degrees Committee, which may set conditions for readmission to the course.

5.7 Normally, PhD candidates must be affiliated with a centre/or research concentration, which is appropriate to the planned research program. Sole supervisors may be approved by University Research Committee under the terms included in MOPP Appendix 35 [1].

5.8 It is the faculty's responsibility to ensure that candidates are affiliated with the appropriate centre/research concentration. Once the candidate is enrolled, he/she cannot transfer to another centre/research concentration without faculty endorsement, which must incorporate advice from the relevant Centre Directors, and Research Degrees Committee approval. Reasons for transfer include:

- the centre/research concentration ceases to exist;
- the centre/research concentration cannot continue to provide the necessary supervision and/or support;
- the Principal Supervisor transfers to another centre/research concentration, faculty or institution; and
- the candidate asks to be transferred with supportable justification.

Any request for transfer must be made on the prescribed form.

6. Planned Research Program

6.1 A candidate for the degree of PhD is required to complete successfully a planned research program that will result in the candidate making a significant individual contribution to the body of knowledge. This contribution may be in the form of new knowledge or of significant and original adaptation, application and interpretation of existing knowledge.

6.2 The planned research program will normally include:

- a program of assessed coursework including the Advanced Information Retrieval Skills unit;
- participation in university scholarly activities such as research seminars, teaching and publication;
- regular interaction with supervisors;
- a program of supervised research and investigation;

and must be such as to enable the candidate to acquire competence in relevant methods of research and scholarship related to the subject of the proposed investigation and to demonstrate sustained independent research effort.

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

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

In all cases, coursework will be based upon a written plan briefly setting out the educational outcomes expected from the course, a list of topics to be covered, the prescribed reading material and the method of assessment of progress through and at the end of the course. This coursework will be planned by the candidate and the Principal Supervisor to contribute to, and or, provide structure to the overall program of research.

6.4 Assessed coursework as described in 6.3 will comprise not more than one third of candidature and will normally be completed within the first half of the candidature.

6.5 A candidate is normally expected to pursue the approved program of research and investigation throughout the period of candidature. Where circumstances make significant modification of the program desirable, approval for the proposed change must be sought in writing from the Research Degrees Committee through the faculty committee. Permission to continue the candidature may be given by the Research Degrees Committee in such circumstances provided that the planned research program remains in the same field.

6.6 Where an approved program of research and investigation forms part of the work of a research team or a larger research project, the application must indicate clearly the individual contribution expected to be made by the candidate, her/his individual research activities and responsibilities and the extent to which the work is to be carried out in collaboration with others.

6.7 Where an approved program of research and investigation is carried out jointly in QUT and in an industrial, commercial, professional or research establishment, an outline of the interrelationship of the work to be undertaken at each of the sites in relation to the whole project must be provided as part of the Stage 2 application. An intellectual property agreement must also be completed on the prescribed form.

7. Transfer of Candidature from other Research Degrees

7.1 Internal Applicants from Within QUT

7.1.1 A person who has completed 12 months full-time equivalent of candidature in a QUT masters by research program or a QUT professional doctorate (research) may apply to the Research Degrees Committee for entry into the PhD if the following conditions have been met:

(a) meets the requirements outlined in Section 3;
(b) has demonstrated the capacity to undertake research at the PhD level;
(c) has a research project that is clearly capable of being extended and converted to PhD level; and
(d) has completed the Confirmation of Candidature process including the Confirmation Seminar.

A request for transfer must be made on the prescribed form (the Confirmation of Candidature form) and returned to the Office of Research, through the faculty committee, for consideration by the Research Degrees Committee.

7.1.2 A candidate enrolled in a masters by research will only be approved for transfer to PhD candidature when the candidate is able to satisfy all the requirements outlined in Regulation 7.1.1. Where course work has been undertaken as part of the masters by research degree or professional doctorate (research), a transfer normally will be approved only if the candidate has attained a grade point average of at least five on a seven point scale or equivalent standing as certified by the faculty in which the candidate wishes to enrol. Normally a maximum of twelve months credit from the masters program or professional doctorate (research) may be carried forward to the PhD program.

7.1.3 Applications to transfer into the PhD shall be made on the prescribed form and submitted via the faculty committee, to the Research Degrees Committee for consideration. Such application shall consist of:

- required administrative details;
- reasons for transfer;
- substantial details of progress to date;
- full course of study;
- a time-line for completion of the project;
- a certified copy of the candidate's academic record (if transferring from another recognised institution);

- a formal request for the amount of credit to be granted for previous candidature;
- a Research Ethics Checklist or a copy of QUT Ethics Committee Clearance;
- proposed supervisors and their credentials; and
- an Intellectual Property Agreement if required (ref. Regulation 6.7).

7.2 External Applicants from Another Institution

7.2.1 PhD, masters or professional doctorate (research) candidates transferring enrolment to a QUT PhD program from another institution will normally be required to undergo the full QUT Confirmation of Candidature process including presentation of a seminar if transferring after twelve months or more of full-time candidature or part-time equivalent at their former institution unless they have successfully completed an equivalent procedure at their previous institution. Candidates seeking transfer to QUT in under twelve months/full-time or twenty-four months/part time will normally be required to submit a Stage 2 application.

7.2.2 External Transfer application to the PhD shall be made on the prescribed form.

7.2.3 The faculty shall first review the candidate's progress and planned research program and append to the Application for Transfer, a statement which sets out:

- the nature, duration and quality of the work already done, its relevance to the proposed PhD thesis and the recommended amount of credit;
- an appraisal of the candidate's progress and suitability for transfer of candidature and confirmation of PhD candidature;
- an agreement that the proposed research is within the aims and objectives and physical and human resources of the centre/research concentration; and
- an agreement that the centre/research concentration is willing and able to provide the accommodation, facilities and physical and human resources for the duration of the study.

7.2.4 In considering the application for Transfer of Candidature, the Research Degrees Committee shall:

- approve the transfer of candidature, normally confirming PhD candidature, and determine the amount of credit to be allowed, the date of admission and minimum and maximum candidature dates; or
- request changes to the planned research program which must be addressed by the candidate and resubmitted to the Research Degrees Committee; or
- not approve the transfer.

8. Place and Conditions of Work

8.1 Internal candidates (part-time and full-time) are expected to carry out their research program in a suitable environment at a QUT Campus.

8.2 The Research Degrees Committee must be satisfied that appropriate arrangements as set out in these Regulations regarding coursework, participation in scholarly activities, supervision, facilities in training and research methods can be made for each candidate including part-time candidates. The Head of School must ensure that accommodation, equipment and access to library and computing facilities meet the needs of the approved planned research program for the duration of the candidature.

8.3 The Research Degrees Committee may permit a PhD candidate to conduct his/her research as an external candidate either elsewhere in Australia or overseas or to approve a change of enrolment from internal to external status or vice versa.

8.4 The candidate and the Principal Supervisor, at Stage 1 of the application process or prior to the requested transfer to external status, must provide written evidence to the Research Degrees Committee that:

- the arrangement for the research at the external location (normally a recognised research establishment or place of professional employment) meets the normal requirements of the PhD program;
- the candidate has opportunity to participate in scholarly activities;
- academic standards in the conduct of the PhD research can be assured;
- a suitable program of contacts between the candidate and the Principal Supervisor can be maintained and the methods by which this will be achieved are explained;
- a suitable Associate Supervisor will be responsible for regular supervision is available at the external establishment or an explanation as to why this is unnecessary is given;
- a letter of support from the external establishment stating that the resources required for the study are available and accessible to the candidate and will continue to be available for the duration of candidature is provided; and

In exceptional circumstances the candidate, Principal Supervisor and Centre Director may present a case for exemption from the above requirements.

8.5 External candidates must normally spend a minimum of three months at QUT during the course of their candidature and must normally be present for the Confirmation of Candidature and for the Final Seminar presentation (ref. Regulation 16.9) of the thesis.

8.6 In exceptional circumstances, the candidate may be permitted to complete the Final Seminar by video-conference. At least three months notice must be given of this intention to allow the school to make adequate arrangements.

9. Period of Time for Completion of Planned Research Program

9.1 The minimum period of candidature is:

- full-time candidates: twenty-four months from the date of commencement
- part-time candidates: forty-eight months from the date of commencement

In special cases, the Research Degrees Committee may approve a shorter period.

9.2 The maximum period of candidature is:

- full-time candidates: forty-eight months from the date of commencement
- part-time candidates: ninety-six months from the date of commencement

9.3 Where a candidate wishes to change from full-time to part-time candidature or vice versa, application must be made on the prescribed form and returned to the Office of Research, through the faculty committee, for consideration by the Research Degrees Committee.

9.4 A candidate must submit his/her thesis to the Research Students' Section, Office of Research, for external examination no later than the maximum candidature date.

9.5 A candidate who does not expect to submit her/his thesis by the maximum candidature date must apply for an extension on the prescribed form and returned to the Office of Research, through the faculty committee, for consideration by the Research Degrees Committee prior to the expiry of her/his maximum candidature date. The application must include the reasons for the delay, the written endorsement of the Principal Supervisor and a revised time-line for completion. Applications for extensions will not normally be considered by the Research Degrees Committee unless the reasons for the delays have been documented in previous annual reports (ref. Section 11).

9.6 The maximum period of extension for which a candidate may be given approval is 12 months past the original maximum

candidature date for full-time candidates and 24 months for part-time candidates. In exceptional circumstances, which must be documented, the Research Degrees Committee may approve a further extension. Minor breakdown of computer equipment or absence of the Principal Supervisor are not usually considered exceptional.

9.7 A candidate who wishes to take leave of absence for a specified period from his/her PhD program must apply in advance on the prescribed form and return it to the Office of Research, through the faculty committee, for consideration by the Research Degrees Committee. The application must include the reasons for the leave of absence, the written endorsement of the Principal Supervisor and the start and end dates of the period of leave. If the Research Degrees Committee approves the period of leave of absence, the duration of the specified period will be added to the minimum and maximum submission dates of the candidature.

9.8 The maximum period of leave of absence for which a candidate may be given approval is 12 months for a full-time candidate and 24 months for a part-time candidate during the term of his/her candidature. A candidate who wishes to take leave of absence for a longer period must withdraw from candidature and apply for re-entry at a later date, on the prescribed form.

9.9 A candidate who remains not currently enrolled for a period greater than twelve months will be deemed to have ceased his/her program of study and his/her candidature will be terminated. If a candidate is unable to complete the approved course of study the candidate may apply for transfer to an appropriate master degree.

9.10 Candidates are entitled to receive up to twelve months parental (maternity/paternity/ adoption) leave. The Research Degrees Committee must be notified on the prescribed form and supplied with a medical certificate (and in the case of paternity leave a marriage certificate or statutory declaration showing the candidate's relationship to the mother), and the written endorsement of the Principal Supervisor. Periods of parental leave shall not be included as part of the 12 or 24 month leave of absence maximum.

10. Supervision

10.1 Supervision of PhD candidates shall be conducted according to the QUT Code of Good Practice for Postgraduate Research Studies and Supervision (see MOPP Appendix 66)

10.2 A Principal Supervisor and at least one Associate Supervisor from QUT shall be appointed.

10.3 The Principal Supervisor has responsibility for supervising the candidate on a frequent basis and must be a current member of QUT staff or an Emeritus Professor of QUT still active in research. The Principal Supervisor shall have undertaken successful supervision of research degree candidates, shall normally have a PhD and shall have an established research record in the area of the proposed project.

10.4 One Associate Supervisor must be a member of QUT staff. Where appropriate, more than one Associate Supervisor may be appointed and additional Associate Supervisors may be from either QUT or another appropriate industrial, professional, commercial or research establishment. Associate Supervisors should possess appropriate expertise in the research field and normally have undertaken successful supervision of research degree candidates and must indicate their agreement to supervise on the prescribed form. An Associate Supervisor must be appointed from an establishment formally collaborating on a research project.

10.5 For a candidate studying externally, an Associate Supervisor from the external institution linked to the project will normally be appointed. In such cases there will be no requirement for a QUT based Associate Supervisor as Centre Director would be considered as ex-officio associate.

10.6 A person who is currently a candidate for a PhD (at QUT or elsewhere) may not act as a Principal Supervisor for a PhD candidate at QUT, and should not normally act as an Associate Supervisor unless approved by Research Degrees Committee.

10.7 Where the Principal Supervisor will be absent from QUT for a period of three consecutive months or longer during the period of candidature, the QUT Associate Supervisor will become acting Principal Supervisor for this period.

10.8 If the Principal Supervisor leaves the staff of QUT, the QUT Associate Supervisor will normally fill the role of acting Principal Supervisor immediately and until a new Principal Supervisor is appointed by the faculty, with the agreement of the candidate. A formal appointment of a new Principal Supervisor must be made within three months of the original Principal Supervisor's departure.

11. Reporting Procedures

11.1 The Principal Supervisor and candidate are required to report annually on the prescribed form to the Research Degrees Committee on the candidate's progress and research plans. Reporting dates shall be tied to the candidate's commencement date. Reports shall be signed by both the candidate and by the Principal Supervisor and submitted through the faculty committee, Head of School and director of the centre/research concentration to the Office of Research for consideration by the Research Degrees Committee.

11.2 Faculties should develop additional internal policies and procedures for review of candidates' progress between annual reports that ensure unsatisfactory progress is dealt with expeditiously.

11.3 Where the candidate's progress is deemed satisfactory, the Research Degrees Committee shall approve continuation of candidature.

11.4 Where progress is deemed unsatisfactory, in the Confirmation of Candidature, Annual Report or other interim faculty report, the Research Degrees Committee, on advice from the Faculty Research Committee, will normally place the candidate under review for a period of up to three months from the date that the candidate is advised in writing of the decision. The Research Degrees Committee will inform the candidate of the required remedial action to be followed taking account of the advice provided by the Principal Supervisor and the faculty.

11.5 After the Review Period the Faculty Research Committee must forward to the Research Degrees Committee a report on the Candidate's progress which will include written documentation of the steps that have been taken to resolve the specified deficiencies in the candidate's program and an assessment of progress during the Review Period. The Research Degrees Committee will then approve continuation of candidature if the progress is deemed satisfactory.

11.6 If progress is still unsatisfactory after the Review Period, the Research Degrees Committee, on advice from the faculty committee, shall ask the candidate to show cause why the enrolment of the candidate should not be terminated (ref. Regulation 12.8).

11.7 A candidate who has been placed under review after an unsatisfactory annual report or interim report established by the faculty may not take leave of absence until the continuation of the candidature has been approved by the Research Degrees Committee.

11.8 When a candidate's progress has been reported to the Research Degrees Committee as unsatisfactory in any two consecutive reports during the candidature, the Research Degrees Committee shall ask the candidate to show cause why the enrolment of the candidate should not be terminated.

11.9 If a candidate fails to submit an annual report through their Principal Supervisor to Research Degrees Committee by the due

date without applying, in writing, for an extension on the prescribed form two weeks prior to the due date, the Research Degrees Committee may ask the candidate to show cause why the enrolment of the candidate should not be terminated.

11.10 Applications for extensions of candidature or scholarships or leave of absence due to delays or problems with the planned research program will not normally be considered by the Research Degrees Committee unless the delays or problems have been documented in previous reports.

11.11 If the candidate does not show cause (refer Regulations 11.6, 11.8) why the enrolment should not be terminated, the Research Degrees Committee may terminate the candidate's enrolment or with the agreement of the faculty offer admission to candidature for the degree of master (research).

12. Confirmation of Candidature

12.1 Within twelve months of admission for full-time candidates and twenty-four months for part-time candidates, eighteen months for International Candidates, the candidate shall present (in consultation with her/his supervisors) a plan of the research program for the remainder of the candidature and a report on the work done to this point. This confirmation report shall incorporate a substantial literature review and shall provide evidence of the research capacity of the candidate including the rate of progress to this point. The plan shall include:

- the area of study in which the candidate's course is located;
- any remaining coursework to be completed including an assessment plan;
- the nature of participation in scholarly activities of the centre/research concentration, school, or faculty in which the study is being undertaken;
- the objectives of the program of research and investigation and its relationship to published research in the same field;
- the research methods to be followed;
- the title of the thesis; and
- a time-line for completion of the research program.

12.2 The candidate shall present this confirmation report and planned research program at a Confirmation Seminar open to faculty members and the public.

12.3 A candidate who is not able to complete Confirmation of Candidature within the timeframe listed in Regulation 12.1 must apply for an extension at least one month in advance of that deadline through the faculty to the Research Degrees Committee. Normally, a maximum of three months extension may be granted.

12.4 The faculty shall review the candidate's progress and planned research program and shall submit their recommendations on the prescribed form to the Research Degrees Committee. This shall include:

- an appraisal of the candidate's progress and suitability for continuation in the PhD program;
- the documents prepared by the candidate pursuant to Regulation 12.1;
- a statement that the research program is of the standard required for a PhD program;
- statements of whether the studies continue to be within the aims and objectives and physical and human resources of the centre/research concentration; and
- a report on the candidate's seminar.

12.5 Candidates who are undertaking confirmation in order to transfer from a masters by research or a professional doctorate (research) at QUT must complete the confirmation process and should refer to Regulation 7.1.

12.6 In considering the application for Confirmation of Candidature, the Research Degrees Committee will, if the conditions are met:

- confirm the candidature and notify the candidate; or
- may require changes to the planned research program; or
- if the recommendation of the faculty is not to confirm the candidature immediately, place the candidate under review for up to three months).

At the end of the Review Period, the faculty must advise the Research Degrees Committee whether the conditions of the review have been met.

12.7 Where a candidate is placed under review following the Confirmation Seminar, the Principal Supervisor must advise the candidate within seven days of the seminar of the conditions to be met in the form of clear, written guidelines on the work to be completed and due dates for the submission of materials and whether a further Confirmation Seminar is required. The conditions must be endorsed by the candidate, supervisor(s), director of centre/research concentration, the Head of School, chair of the appropriate faculty committee or dean as appropriate and be forwarded within fourteen days to the Office of Research for noting by the Director, Postgraduate Research Studies.

12.8 Where a candidate's progress remains unsatisfactory after the Review Period the Research Degrees Committee, on advice from the faculty, shall either grant a further extension of the Review Period of up to three months or, after giving the candidate the opportunity to show why one of the following courses of action should not be taken:

- terminate the candidature with an offer of admission to the degree of master, or
- terminate the candidature with no such offer.

13. Thesis Guidelines

13.1 The thesis must be presented in accordance with the requirements of the Council, including any accompanying declarations and in accordance with Appendix 51 of the Manual of Policies and Procedures ' Requirements for Presenting Theses (see MOPP Appendix 51) and the main body of the text must not exceed 100,000 words.

13.2 Except with the specific permission of the Research Degrees Committee the thesis must be presented in the English language. Such permission must be sought at Stage 1 of the application for admission to the PhD program and will not be granted solely on the grounds that the candidate's ability to satisfy the External Examination Committee will be affected adversely by the requirement to present the thesis in English.

13.3 Where a candidate's research program forms part of the work of a research team or larger research project, the thesis must indicate clearly the candidate's individual contribution and the extent to which co-workers contributed to the candidate's program.

13.4 Subject to QUT's intellectual property policy (see MOPP Appendix 22 - 3.1) the copyright of the thesis is vested in the candidate.

13.5 Where a candidate or the sponsoring establishment wishes the thesis to remain confidential for a period of time after the completion of the work, written application for approval stating the reasons must be made to the Research Degrees Committee when the thesis is submitted for external examination. The period normally shall not exceed two years from the date on which the Head of School or nominee recommends acceptance of the thesis to the Research Degrees Committee.

13.6 A candidate may not present in the thesis any work for which another degree or diploma has been awarded by QUT or any other academic institution, but such a candidate shall not be precluded from incorporating extracts from such work in the thesis provided that the sum of any such extracts does not constitute more than 10% of the thesis and provided also that the source of each such extract is stated explicitly.

13.7 Prior approval must be obtained from the Research Degrees Committee for any course of PhD study leading to the presentation of a thesis other than in writing. Full details of the alternative course of study should be provided formally at Stage 2

together with a proposal regarding the form the final thesis and its examination is expected to take.

13.8 A candidate may submit with the thesis other kinds of relevant material (such as films, audio tape recordings, video tape recordings, CD -ROMS, models, software programs, evidence of exhibitions, or other materials for the purposes of illustration) which shall be accompanied by evidence of the extent to which the candidate has been responsible for their preparation.

13.9 A PhD may be awarded on the basis of the submission of published papers as per the Section 14.

13.10 A PhD may be awarded on the basis of the submission of a creative work as per the Regulations set out in Section 15.

13.11 A candidate's name will not placed on the list for graduation until the final copy of the thesis is received in the Research Students' Section, Office of Research.

13.12 A candidate who passes but is required to make revisions to the thesis after external examination must lodge the final copy of the thesis with the Research Students' Section, Office of Research, no later than 12 months after the date of receipt of examiners' reports or the candidate shall be deemed to have failed unless an extension has been approved by the Research Degrees Committee.

13.13 When the final copy of the thesis has been lodged with the Research Students' Section, Office of Research, the names of the examiners will be released to the candidate on request, providing that the examiner has not indicated otherwise.

14. Presentation of PhD Theses by Published Papers

14.1 Introduction

14.1.1 The Queensland University of Technology permits the presentation of theses for the degree of Doctor of Philosophy in the format of published and/or submitted papers. Where such papers have been published, accepted or submitted during the period of candidature.

14.1.2 Papers submitted as a PhD thesis must be closely related in terms of subject matter and form a cohesive research narrative.

14.2 Format

14.2.1 The thesis may be comprised of published papers, manuscripts accepted for publication, manuscripts submitted for publication or under review.

14.2.2 The minimum number of papers and/or manuscripts is normally three. At least one paper must have been published, accepted, or be undergoing revision following refereeing.

14.2.3 Where the papers have multiple authorship, the candidate must be principal author on at least two of the three papers and have written permission of the co-authors.

14.2.4 Normally, the thesis shall include the following:

- title page;
- abstract and key words;
- list of publications and/or manuscripts;
- contents;
- statement of original authorship;
- acknowledgments;
- introduction;
- literature review; published papers and submitted manuscripts; and
- general discussion.

14.2.5 The abstract summarises the main findings presented in each published paper or submitted manuscript and should indicate how the included works, when considered together, demonstrate a significant contribution to knowledge in the discipline.

14.2.6 The introduction should contain succinct statements under the following headings:

- description of research problem investigated;
- overall objectives of the study;
- specific aims of the study; and
- account of research progress linking the research papers.

The account of research progress must link together the various papers submitted as part of the thesis. The intention of this Section is to provide continuity for the entire thesis so that the reader can move from one chapter to the next understanding the logic behind the progression of the research program.

14.2.7 The literature review will, of necessity, replicate literature cited in subsequent chapters but must contain a clear statement on the significance of the project aims, a critical review of relevant literature, identification of knowledge gaps, and the relationship of the literature to the experimental program.

14.2.8 Published papers/papers submitted in the following categories may be included but each must be presented as an individual chapter in the thesis:

- published papers;
- manuscripts accepted for publication;
- manuscripts submitted and under review by referees; and
- manuscripts under revision following referees' reports.

14.2.9 Only papers which have been published by or submitted to journals approved by the faculty committee are allowable under these Regulations. Whilst Short Communications and Letters are acceptable, their number should be less than that of full length papers.

14.2.10 Manuscripts which have been rejected by a journal must not be included unless they have been substantially rewritten to address referees' comments as certified in the Final Seminar documentation.

14.2.11 Each chapter comprised of a published paper or submitted manuscript must begin with a clear statement of the contribution made by each author of any jointly authored paper. The description must be sufficiently detailed to describe accurately the contribution of each author.

14.2.12 The thesis must contain an overarching discussion of the main features linking the publications and include a statement of the significance of the findings, problems encountered and the future directions of the work.

14.3 Presentation

14.3.1 The thesis must be presented in accordance with the requirements of the Council, including any accompanying declarations and in accordance with MOPP Appendix 51 .

15. Presentation of PhD Theses by Creative Works

15.1 Introduction

15.1.1 In the case of a thesis submitted in the area of artistic practice, presentation may be in one of two forms: a theoretical thesis or artwork and exegesis. The artwork may be in the form of exhibition, performance, literary work, film, CD Rom or other approved format. The artwork and exegesis will be examined as an integrated whole. The artwork should provide a coherent demonstration that the candidate has reached an appropriate standard in the research and has made a significant and original contribution to knowledge in the area. The exegesis should describe the research process and elaborate, elucidate and place in context the artistic practice undertaken. In the case of visual or performing arts, the examiners will attend the exhibition/performance, at which time they will be given a copy of the exegesis in temporary binding. A final copy of the exegesis will be provided to the examiners within three months of their viewing the artwork.

15.2 Examination of a Creative Work Other Than a Printed Thesis

15.2.1 Where other materials are to be examined, such as in the areas of visual, performing, literary or media arts, the candidate must seek approval from Research Degrees Committee for the

form and presentation of the thesis at the time of the Stage 2 application for entry to the PhD program.

15.2.2 Artistic practice may be examined by a theoretical thesis or by artwork and exegesis. The artwork and the exegesis will not be examined separately but as an integrated whole constituting the original and substantial contribution to knowledge required from doctoral candidates.

15.2.3 A theoretical thesis is a written document which would conform in all respects to the remainder of this policy.

15.2.4 Studio-based inquiry may result in a thesis presented by artwork and exegesis. The artwork should be the research outcome, while the exegesis should describe the research process and elaborate, elucidate and place in context the artistic practice undertaken.

15.2.5 The exegesis would normally not exceed 50,000 words and would conform in all respects to the remainder of this policy. It should also contain a description of the form and presentation of the artistic practice which constitutes the remainder of the thesis.

15.3 Presentation

15.3.1 The thesis must be presented in accordance with the requirements of the Council, including any accompanying declarations and in accordance with MOPP Appendix 51.

16. Examinations

16.1 Any fees payable in relation to the examination of a candidate shall be determined by the Council.

16.2 At least three months prior to the maximum candidature date (or anticipated completion date) the Principal Supervisor having obtained the agreement of the faculty committee, shall recommend to the Research Degrees Committee, on the prescribed form, the composition of a proposed Examination Committee and the title of the candidate's thesis.

16.3 The Examination Committee shall comprise two external examiners who will examine the thesis plus an additional external examiner to be called upon only if the first two examiners are in disagreement. (ref. Section 18)

16.4 In exceptional circumstances, the Research Degrees Committee may act directly to facilitate the examination process of a thesis including the appointment of examiners.

16.5 Any person who has acted as the candidate's Principal or Associate Supervisor; or participated in the candidate's research group or in any capacity where a conflict of interest is seen to exist may not be nominated by the faculty as an examiner. (refer to MOPP Appendix 9 ' QUT Code of Conduct ' Integrity ' section (e))

16.6 Examiners must have demonstrable and substantial publications and research experience in the area under investigation, preferably have a PhD and be widely recognised in the relevant field. At least one of the nominated examiners should be from an internationally recognised university or equivalent research institution. However all of the examiners may be from Australian institutions provided that they are widely recognised as experts with demonstrable and substantial publications and research experience in the relevant field of research. At least one examiner must also have had substantial experience of examining research degree candidates at the doctoral level. Agreement will be sought from examiners to examine the thesis within 8 weeks of receipt of the thesis.

16.7 If more than six months has elapsed between the nomination of examiners and the submission of the thesis, the faculty must notify the Research Degrees Committee that the nominated examiners are still willing and able to examine the thesis within two months of its receipt. If any previously nominated examiner is unable to examine the thesis, a replacement examiner must be nominated by the Principal Supervisor with the agreement of the faculty for approval by the Research Degrees Committee.

16.8 In order to determine whether the thesis is acceptable for examination by the Examination Committee, the candidate shall be required to present a Final Seminar based on the work described in the thesis to the faculty to which he/she is attached.

- This final seminar shall normally take place no more than six months prior to the anticipated submission date.
- The faculty shall constitute a panel of three including the Principal Supervisor to attend the seminar and to report on the readiness of the thesis for external examination. The panel shall be chaired by the Principal Supervisor, and shall question the candidate on the content of the thesis at the conclusion of the seminar. Each member of the panel must receive a copy of the draft thesis 14 days prior to the final seminar.
- The panel may require changes to the thesis or ask that further work be done prior to submission of the thesis. The thesis is accepted by the University for external examination only when the panel signifies its belief that the degree requirements have been met. The faculty panel shall use the prescribed form when advising Research Degrees Committee that the thesis is ready for external examination.
- The final seminar shall be open to the public and shall be widely advertised by the faculty so as to ensure attendance by researchers and research students within the faculty.
- In all other matters the form and timing of the final seminar is determined by the faculty.

16.9 The thesis must be accompanied by a certificate endorsed by the Principal Supervisor, Head of School or nominee, and the faculty committee stating that all reasonable efforts have been made by the faculty to ensure that:

- the thesis makes an original and significant contribution to the field of research;
- the methodology applied in the candidate's research is effective and appropriate for the thesis topic and the PhD;
- the thesis reflects competence in the survey of literature and documentation of statements;
- the thesis is of the required standard for external examination;
- the thesis is within the prescribed word limit;
- the candidate has presented a Final Seminar;
- that an external candidate has spent at least three months minimum at QUT during the course of his/her enrolment; and
- original correspondence from editors has been sighted and that editorial advice has been followed in the manuscripts submitted for examination (if applicable) and
- acknowledgment is given regarding the inclusion of all published and other sources of information, together with any substantial financial assistance received for the project.

16.10 In exceptional circumstances, the Research Degrees Committee may allow a candidate to submit his or her thesis for external examination without the requirement for certification (ref. Regulation 16.9). The candidate must apply in writing to the Research Degrees Committee for such permission, outlining the reasons why the required certification is not included.

16.11 Three copies of the thesis, in the prescribed format must be submitted to the Research Students' Section, Office of Research, no later than the maximum candidature date.

16.12 The Office of Research, on the advice of the Research Degrees Committee, shall provide the examiners with a copy of the thesis and of the Council's Regulations for the Award of the Degree of Doctor of Philosophy, and any other relevant information.

16.13 Each examiner will be asked to provide a written report to the Office of Research on the candidate's thesis and to recommend one of the following courses of action:

Recommendation 1: The candidate should be awarded the degree without the requirement for revision, further examination or modification (minor corrections and typographical errors only); or

Recommendation 2: The candidate should be awarded the degree subject to minor nominated revisions being completed to the satisfaction of the Head of School and Principal Supervisor; or

Recommendation 3: The candidate should be awarded the degree following the completion of major nominated revisions to the satisfaction of the Head of School and Principal Supervisor; or

Recommendation 4: The candidate should be permitted to substantially revise and submit the thesis for re-examination within twelve months after a specified amount of further work, which may alter the substantive conclusions of the thesis, has been completed under approved supervision and the thesis appropriately amended to reflect the additional research; or

Recommendation 5: The candidate should be awarded the degree at Master's level: without the requirement for further revision or further examination; subject to nominated revisions being completed to the satisfaction of the Head of School and Principal Supervisor; subject to revision and submission for re-examination after completion of further work; or

Recommendation 6: The thesis should be rejected, the degree should not be awarded and the candidate should not be permitted to submit the thesis for re-examination for the degree.

16.14 After both examiners' reports are received the Office of Research will forward them to the Head of School or nominee, the Principal Supervisor and the candidate with an appropriate covering letter. (Until such time as the examination process is complete the identity of the examiners will be withheld from the candidate.)

17. Examiners in Agreement

17.1 Where both examiners recommend that the candidate should be awarded the degree (recommendation 1, 2 or 3) the Head of School, or nominee will consult with the Principal Supervisor, Centre Director and Postgraduate Studies coordinator to discuss any corrections or revisions that the candidate may be required to make and where revisions are required .

17.2 When all corrections or revisions have been made to the satisfaction of the Head of School or nominee and the Principal Supervisor, the Head of School or nominee and the Principal Supervisor must certify to the Research Degrees Committee that they recommend acceptance of the thesis in fulfilment of the conditions for the award of the PhD degree.

17.3 Where both examiners recommend that the thesis be revised and resubmitted for examination (Examiners Report Recommendation 4), after consultation with the Principal Supervisor and the Centre Director, the Head of School or nominee will make written recommendation to the Research Degrees Committee within 7 days of the receipt of the Examiners Reports listing any revisions required. Once these are approved by the Research Degrees Committee, the Research Degrees Committee will inform the candidate of the revisions and/or any action required

17.4 Where both examiners recommend that the candidate should be awarded the degree at master's level, (Recommendation 5), the Head of School or nominee will consult with the Principal Supervisor to discuss any revisions that the candidate may be required to make and forward a recommendation to the Research Degrees Committee. Once approved the Head of School will meet with the Centre Director and Principal Supervisor to discuss outcome with the Principal Supervisor responsible for informing the candidate of the decision.

18. Examiners Not In Agreement

18.1 Where the recommendations of the external examiners are not in agreement as to whether the thesis should be accepted for the award of PhD or as to whether the thesis may be revised and resubmitted the thesis will be sent to the third nominated examiner.

18.2 Upon receipt of the third examiner's report, a majority decision shall be adopted.

18.3 Where the majority decision is that the thesis be accepted for the award or the thesis be accepted for the award of a masters degree or the thesis be rejected and the candidate not be permitted to resubmit, the procedures in Section 17 shall apply.

18.4 Where the majority decision is that the candidate be required to submit for re-examination or the thesis fail, the procedures in Section 17 shall apply.

18.5 Where the recommendations of the three examiners clearly differ and no clear majority exists, the Head of School or nominee shall liaise with the Director, Postgraduate Research Studies, and the Principal Supervisor to determine the further course of action which may involve any of the outcomes listed in Regulation 16.13.

19. Re-examination

19.1 A candidate who is required to submit for re-examination may be re-examined only once except in the case of an upheld appeal.

19.2 Re-examination shall take place within twelve months from the date on which the candidate is advised in writing by the Head of School or nominee of such re-examination. The Research Degrees Committee may, on written application by the candidate and supported by the Principal Supervisor and Centre Director with suitable justification, approve an extension to this period which, under normal circumstances, may be a maximum of a further twelve months.

19.3 A candidate who is required to submit his/her thesis for re-examination must re-enrol in the PhD program.

19.4 The thesis shall be re-examined by the same two examiners unless:

- any of the examiners is unable to re-examine the thesis in which case the Head of School or nominee with the agreement of the Principal Supervisor and the faculty shall nominate a replacement examiner(s) who must be approved by the Research Degrees Committee; or the Research Degrees Committee replaces one or more of the examiners on advice from the RDC Chair and with suitable justification.

19.5 Examiners re-examining a thesis will be asked to provide a written report on the candidate's thesis and to recommend one of the following courses of action:

(a) the candidate should be awarded the degree with or without minor nominated revisions; or
(b) the candidate should be awarded the degree at masters level with or without minor nominated revisions; or
(c) the thesis should be rejected and the degree should not be awarded.

19.6 Regulations applicable to PhD examination shall apply to the re-examination.

20. Appeals

20.1 A candidate whose thesis has been failed or whose thesis has been recommended for the award of the degree of master may lodge an appeal against the outcome of the examination process.

20.2 The grounds for appeal may be on matters of process only, 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.

■ 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 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, 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 bachelors 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 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) (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
Three of the following IT Management electives:
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 bachelors 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) (GS20) 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, 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 - IT Graduates

Semester 1, First Half
GSN401 Managing in the Global Business Environment
GSN407 Business Communication
GSN408 Marketing Management 1
GSN410 Entrepreneurship
Semester1, 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
IT Elective: IT Management Unit (semester long unit) - Refer MInfoTech course structure
IT Elective: IT Management Unit (semester long unit) - Refer MInfoTech course structure
IT Elective: IT Management Unit (semester long unit) - Refer MInfoTech course structure
IT Elective: IT Management Unit (semester long unit) - Refer MInfoTech course structure
Semester 4, First Half
IT Elective: IT Management Unit (semester long unit) - Refer MInfoTech course structure
IT Elective: IT Management Unit (semester long unit) - Refer MInfoTech course structure
IT Elective: IT Management Unit (semester long unit) - Refer MInfoTech course structure
IT Elective: IT Management Unit (semester long unit) - Refer MInfoTech course structure
Semester 5, First Half
IT Elective: IT Management Unit (semester long unit) - Refer MInfoTech course structure
IT Elective: IT Management Unit (semester long unit) - Refer MInfoTech course structure
IT Elective: IT Management Unit (semester long unit) - Refer MInfoTech course structure
IT Elective: IT Management 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
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
KCP018 Creative Industries
GSN408 Marketing Management 1
GSN401 Managing in the Global Business Environment
GSN226 Arts Policy and Strategy
MIN409 Fundraising Principles
OR Elective

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
KCP353 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
Choose two units from the following:
AMB354 Events Marketing
GSN227 Arts and Cultural Management
KCB348 Applied Media Studies
LWN099 Intellectual Property Law
LWN120 Select Issues in Media Law and Policy

Course Structure – Part-time

Year 1, Semester 1
GSN401 Managing in the Global Business Environment
GSN408 Marketing Management 1
KCP018 Creative Industries
Year 1, Semester 2
GSN225 Business Development in Creative Industries
KCP336 New Media Technologies
OR
Creative Industries Elective
Year 2, Semester 1
Choose two units from the following:
GSN410 Entrepreneurship
GSN420 New Venture Strategy
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:
AMB354 Events Marketing
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 Credit Points Part Time
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
GSN226 Arts Policy and Strategy
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
GSN227 Arts and Cultural Management
GSN228 Marketing Arts and Culture
KCP336 New Media Technologies
OR
Creative Industries Elective

Course Structure – Part-time

Year 1, Semester 1
GSN401 Managing in the Global Business Environment
GSN408 Marketing Management 1
KCP018 Creative Industries
Year 1, Semester 2
GSN225 Business Development in Creative Industries
KCP336 New Media Technologies
OR
Creative Industries Elective
Year 2, Semester 1
GSN226 Arts Policy and Strategy
AMN481 Fundraising Principles
OR
Arts and Cultural Management Elective
Year 2, Semester 2
GSN227 Arts and Cultural Management
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 Rick 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
* The Environmental Science major is offered at both Gardens Point and Carseldine campuses. Students enrolling in this major may be required to attend classes on both of these campuses.

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 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, 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
OR
MAB101 Statistical Data Analysis 1
Year 2, Semester 1
NRB300 Environmental Monitoring
NRB311 Population Ecology
PUB107 Sustainable Environments for Health
PUB251 Contemporary Public Health
Year 2, Semester 2
NRB400 Environmental Systems
NRB440 Environmental Chemistry
PUB400 Environmental Protection
PUB407 Environmental Pollution
Year 3, Semester 1
NRB500 Environmental Modelling
NRB501 Mapping and Modelling of Natural Resource Data
PUB308 Environmental Health Fundamentals
PUB314 Epidemiology and Statistics
Year 3, Semester 2
LSB415 Microbiology
NRB600 Issues in Environmental Management
NRB633 Hydrogeology
PUB409 Communicable Disease: Prevention and Control
Year 4, Semester 1
PUB510 Environmental Health Management B
PUB515 Environmental Toxicology
PUB517 Food Hygiene Studies
PUB474 Food Studies
OR
PUB511 Health Policy, Planning and Evaluation
Year 4, Semester 2
PUB316 Research Methods
PUB604 Policy and Management Principles for Environmental Health
PUB611 Risk Management
PUB630 Environmental Health Practice

■ Bachelor of Applied Science (in Human Movement Studies)/Bachelor of 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,

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

Course Structure - Accountancy Major

Year 1, Semester 1
BSB110 Accounting
BSB113 Economics
HMB171 Fitness Health and Wellness
LSB131 Anatomy

Year 1, Semester 2
AYB121 Financial Accounting
BSB111 Business Law and Ethics
HMB172 Nutrition and Physical Activity
HMB272 Biomechanics
LSB231 Physiology

Year 2, Semester 1
BSB122 Business Information Analysis & 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
Business minor unit

Year 3, Semester 2
AYB221 Computerised Accounting Systems
AYB225 Management Accounting 1
Human Movement Studies major unit
Human Movement Studies elective/minor unit

Year 4, Semester 1
BSB126 Marketing
Business Minor Unit
Human Movement Studies elective/minor unit
Human Movement Studies elective/minor unit

Year 4, Semester 2
AYB301 Auditing
BSB114 Government, Business and Society
Business minor unit
Business minor unit

Course Structure - Banking and Finance Major

Year 1, Semester 1
HMB171 Fitness Health and Wellness
LSB131 Anatomy
BSB113 Economics
BSB114 Government, Business and Society

Year 1, Semester 2
HMB172 Nutrition and Physical Activity
HMB272 Biomechanics
LSB231 Physiology
BSB110 Accounting
BSB122 Business Information Analysis & Communication

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
HMS Major Unit
HMS Elective/Minor Unit
BSB119 International & Electronic Business
Business Minor Unit

Year 4, Semester 1
HMS Elective/Minor Unit
HMS Elective/Minor Unit
BSB115 Management, People and Organisations
Business Minor Unit

Year 4, Semester 2
BSB111 Business Law and Ethics
EFB312 International Finance and Economics
BSB126 Marketing
Business Minor Unit

Course Structure - Economics

Year 1, Semester 1
HMB171 Fitness Health and Wellness
LSB131 Anatomy
BSB110 Accounting
BSB113 Economics

Year 1, Semester 2
HMB172 Nutrition and Physical Activity
HMB272 Biomechanics
LSB231 Physiology
BSB122 Business Information Analysis & 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
Business Minor Unit

Year 3, Semester 2
HMS Major Unit
HMS Elective/Minor Unit
BSB114 Government, Business and Society
EFB323 Financial and Monetary Economics

Year 4, Semester 1
HMS Elective/Minor Unit
HMS Elective/Minor Unit
BSB115 Management, People and Organisations
Business Minor Unit

Year 4, Semester 2
BSB111 Business Law and Ethics
BSB126 Marketing
EFB314 International Trade and Economic Competitiveness
Business Minor Unit

Course Structure - Marketing

Year 1, Semester 1
BSB122 Business Information Analysis & 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

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
Business Minor Unit
Human Movement Studies major unit
Human Movement Studies elective/minor unit

Year 4, Semester 1

AMB340 Services Marketing
Business Minor Unit
Human Movement Studies elective/minor unit
Human Movement Studies elective/minor unit

Year 4, Semester 2

AMB341 Strategic Marketing
BSB111 Business Law and Ethics
BSB114 Government, Business and Society
Business minor unit

Course Structure - Human Movement Studies Major and Minor Units:

Human Movements Studies Major and Minor Units

HMB277 Exercise and Sport Nutrition
HMB361 Functional Anatomy 2
HMB362 Biomechanics 2
HMB363 Independent Study
HMB364 Seminars in Human Movement
HMB371 Motor Control and Learning 2
HMB374 Psychology of Rehabilitation
HMB375 Adapted Physical Activity
HMB376 Motor Development in Children
HMB377 Children in Sport
HMB381 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
AYB311 Financial Accounting Theory
AYB321 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
ITB825 Electronic Business Information Systems
MGB334 Managing in a Changing Environment

Financial Economics (Students with a Banking and Finance Major)

Students must complete four of the following:
EFB200 Applied Regression Analysis
EFB202 Business Cycles and Economic Growth
EFB211 Firms, Markets and Resources
EFB308 Finance 3
EFB309 Financial Derivatives
EFB318 Portfolio and Security Analysis
EFB324 Macroeconomics of Global Financial Markets
EFB325 Financial Microeconomics
EFB326 Applied Portfolio Management

Financial Economics (Students with an Economics Major)

Students must complete four of the following:
EFB200 Applied Regression Analysis
EFB201 Financial Markets
EFB210 Finance 1
EFB324 Macroeconomics of Global Financial Markets
EFB325 Financial Microeconomics
EFB326 Applied Portfolio Management
EFB327 Econometrics of Financial Markets
EFB328 Public Economics and Finance

Funds Management (Students with a Banking and Finance Major)

EFB308 Finance 3
EFB309 Financial Derivatives
EFB318 Portfolio and Security Analysis
Plus one level 2 or 3 Finance Unit approved by Banking & Finance Major Coordinator

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
MGB314 Organisational Consulting and Change
MGB315 Personal and Professional Development
MGB320 Recruitment and Selection
MGB321 Advanced Practice in Recruitment and Selection
MGB331 Training and Development
MGB325 Advanced Practice in Training and Development

Integrated Marketing Communication (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

AMB202 Integrated Marketing Communication
PLUS two units from:
AMB220 Advertising Theory and Practice
AMB260 Public Relations Theory and Practice
AMB331 Direct Marketing
AMB350 Relationship and Sales Management
And one unit from:
AMB230 Internet Promotion
AMB261 Media Relations and Publicity
AMB354 Events Marketing

Marketing (Students with a Marketing Major)
AMB202 Integrated Marketing Communication
AMB250 Business to Business Marketing
AMB251 Innovation and Market Development
AMB310 Internship
AMB350 Relationship and Sales Management
AMB351 Tourism Marketing
AMB352 Marketing Decision Making
AMB353 Retail Marketing
AMB354 Events Marketing
MIB213 International Marketing

Marketing (Students without a Marketing Major)
AMB200 Consumer Behaviour
AMB240 Marketing Planning and Management
AMB241 E-Marketing Strategies
PLUS one of the following units:
AMB340 Services Marketing
AMB341 Strategic Marketing

Public Relations (Students without 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

■ Bachelor of Applied Science (in Human Movement Studies)/Bachelor of Business (Advertising, Human Resource Management, International Business, Management or Public Relations) (IF62)

Award title: Bachelor of Applied Science (in Human Movement Studies)/Bachelor of Business (Study Area A)
CRICOS code: 020328K
Location: Gardens Point and Kelvin Grove
Course duration (full-time): 4 years
Total credit points: 432
Standard credit points per semester (full-time): 54 (average)
Course coordinator: Dr Graham Costin (Human Movement Studies); Mr Andrew Paltridge (Business)
Discipline coordinator: Ms Gayle Kerr (Advertising); Dr Kate Hutchings (HRM); Mr Michael Cox (International Business); Dr Glenda Maconachie (Management); Ms Robina Xavier (Public Relations)

Professional Membership

Depending on the choice of major, extended major or specialisation, graduates may be eligible for membership of:

- Advertising - Advertising Federation of Australia, Australian Association of National Advertisers, Australian Direct Marketing Association.
- HRM - Australian Human Resources Institute, Australian Institute of Training and Development (AITD), Australian Institute of Management (AIM).
- International Business - Economic Society of Australia, 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 216 credit points from the Bachelor of Applied Science (in Human Movement Studies) program and 216 credit points from the Bachelor of Business program. Students supplement the human movement studies component of this program with the 96 credit point faculty core units in the Bachelor of Business program together with a 72 point credit point major, and a further 48 credit point minor. Business majors available are: Accountancy, Advertising, Banking and Finance, Economics, Human Resource Management, International Business, Management, Marketing and Public Relations.

Course Structure - Advertising

Year 1, Semester 1
BSB122 Business Information Analysis & 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

MGB207 Human Resource Issues and Strategy
MGB211 Organisational Behaviour
Year 3, Semester 1
HMB313 Socio-Cultural Foundations of Physical Activity
HMB379 Disorders of Human Movement
BSB110 Accounting
BSB114 Government, Business and Society
MGB222 Managing Organisations
Year 3, Semester 2
Human Movement Studies Major Unit
Human Movement Studies Elective/Minor Unit
BSB113 Economics
MGB314 Organisational Consulting and Change
Year 4, Semester 1
Human Movement Studies Elective/ Minor Unit
Human Movement Studies Elective/ Minor Unit
Business Minor Unit
Business Minor Unit
Year 4, Semester 2
BSB111 Business Law and Ethics
MGB309 Strategic Management
Business Minor Unit
Business Minor Unit

Course Structure - International Business

Year 1, Semester 1
HMB171 Fitness Health and Wellness
LSB131 Anatomy
BSB114 Government, Business and Society
BSB119 International & Electronic Business
Year 1, Semester 2
HMB172 Nutrition and Physical Activity
HMB272 Biomechanics
LSB231 Physiology
BSB110 Accounting
BSB115 Management, People and Organisations
Year 2, Semester 1
HMB271 Foundations of Motor Control, Learning and Development
HMB273 Bioenergetics and Muscle Physiology in Exercise
HMB274 Functional Anatomy
PYB012 Psychology
BSB113 Economics
Year 2, Semester 2
HMB275 Exercise and Sport Psychology
HMB276 Research in Human Movement
HMB382 Principles of Exercise Prescription
IBB202 Business and the World Economy
IBB211 Globalisation and Business
Year 3, Semester 1
HMB313 Socio-Cultural Foundations of Physical Activity
HMB379 Disorders of Human Movement
BSB126 Marketing
IBB210 Export Management
Area Study 1
Year 3, Semester 2
Human Movement Studies Major Unit
Human Movement Studies Elective/Minor Unit
BSB122 Business Information Analysis & Communication
Area Study 2
Year 4, Semester 1
Human Movement Studies Elective/Minor Unit
Human Movement Studies Elective/Minor Unit
Business Minor Unit
Business Minor Unit
Year 4, Semester 2
BSB111 Business Law and Ethics
IBB300 International Business Strategy
Business Minor Unit
Business Minor Unit
Area Study Options:
IBB217 Asian Business Development
IBB317 Contemporary Business in Asia
OR
IBB208 European Business Development
IBB308 Contemporary Business in Europe

Course Structure - Management Major

Year 1, Semester 1
HMB171 Fitness Health and Wellness
LSB131 Anatomy
BSB115 Management, People and Organisations
BSB122 Business information Analysis & 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
MGB211 Organisational Behaviour
MGB222 Managing Organisations
Year 3, Semester 1
HMB313 Socio-Cultural Foundations of Physical Activity
HMB379 Disorders of Human Movement
BSB110 Accounting
BSB114 Government, Business and Society
MGB210 Production and Service Management
Year 3, Semester 2
Human Movement Studies Major Unit
Human Movement Studies Elective/Minor Unit
BSB113 Economics
Business Minor Unit
Year 4, Semester 1
Human Movement Studies Elective/Minor Unit
Human Movement Studies Elective/Minor Unit
MGB334 Managing in a Changing Environment
Business Minor Unit
Year 4, Semester 2
BSB111 Business Law and Ethics
MGB309 Strategic Management
Business Minor Unit
Business Minor Unit

Course Structure - Public Relations

Year 1, Semester 1
BSB122 Business Information Analysis & 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 Biomechanics
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
HMB275 Exercise and Sport Psychology
HMB276 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
Business Minor Unit
Year 3, Semester 2
BSB110 Accounting
Human Movement Studies Major Unit
Human Movement Studies Elective/Minor Unit
Business Minor Unit

Year 4, Semester 1
AMB360 Corporate Communication Management
Human Movement Studies Elective/Minor Unit
Human Movement Studies Elective/Minor Unit
Business Minor Unit

Year 4, Semester 2
AMB361 Public Relations Campaigns
BSB111 Business Law and Ethics
BSB114 Government, Business and Society
Business Minor Unit

Course Structure - Business Minors

Accounting (Students without an Accountancy Major)
AYB121 Financial Accounting
AYB220 Company Accounting
AYB221 Computerised Accounting Systems
AYB225 Management Accounting 1

Advertising (Students with an Advertising Major)
AMB230 Internet Promotion
AMB231 Marketing Communications Regulations and Ethics
AMB330 Advertising Strategy and Planning
AMB331 Direct Marketing

Advertising (Students without an Advertising Major)
AMB200 Consumer Behaviour
AMB220 Advertising Theory and Practice
AMB221 Advertising Copywriting
AMB222 Media Planning

Banking & 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 Minor
Students must complete four of the following:
BSB212 Electronic Business Applications
BSB213 Legal Issues in Electronic Business
BSB313 Business Strategy and Technology
ITB825 Electronic Business Information Systems
MGB334 Managing in a Changing Environment

Human Resource Management (Students with a Human Resource Management Major)
Any four of the units from the list below apart from those that are part of the HRM Major:

Human Resource Management (Students without a Human Resource Management Major)
MGB207 Human Resource Issues and Strategy
MGB222 Managing Organisations
PLUS two units from the list below:

Human Resource Management (Students with a Management Major)
MGB207 Human Resource Issues and Strategy
MGB221 Performance and Reward
PLUS two units from the list below:

List of Human Resource Management Units:
MGB201 The Legal Context of Employment Relations
MGB202 Equity and Diversity Management
MGB209 Occupational Health and Safety Management
MGB221 Performance and Reward
MGB224 Australian Industrial Relations
MGB304 Human Resource Information Management
MGB307 International Human Resource Management
MGB312 Negotiation Skills
MGB314 Organisational Consulting and Change
MGB315 Personal and Professional Development
MGB320 Recruitment and Selection
MGB321 Advanced Practice in Recruitment and Selection
MGB331 Training and Development
MGB325 Advanced Practice in Training and Development

Integrated Marketing Communication (Students without an Advertising, or Public Relations Major)
AMB202 Integrated Marketing Communication
PLUS three units from:
AMB220 Advertising Theory and Practice
AMB260 Public Relations Theory and Practice
AMB331 Direct Marketing
OR
AMB202 Integrated Marketing Communication
PLUS two units from:
AMB220 Advertising Theory and Practice
AMB260 Public Relations Theory and Practice
AMB331 Direct Marketing
and one unit from:
AMB230 Internet Promotion
AMB261 Media Relations and Publicity
AMB354 Events Marketing

Integrated Marketing Communication (Students with an Advertising Major)
AMB202 Integrated Marketing Communication
AMB260 Public Relations Theory and Practice
AMB331 Direct Marketing
AMB350 Relationship and Sales Management
OR
AMB202 Integrated Marketing Communication
PLUS two units from:
AMB260 Public Relations Theory and Practice
AMB331 Direct Marketing
AMB350 Relationship and Sales Management
and one unit from
AMB230 Internet Promotion
AMB261 Media Relations and Publicity
AMB354 Events Marketing

Integrated Marketing (Students with a Public Relations Major)
AMB202 Integrated Marketing Communication
AMB220 Advertising Theory and Practice
AMB331 Direct Marketing
AMB350 Relationship and Sales Management
OR
AMB202 Integrated Marketing Communication
PLUS two units from:
AMB220 Advertising Theory and Practice
AMB331 Direct Marketing
AMB350 Relationship and Sales Management
and one unit from:
AMB230 Internet Promotion
AMB354 Events Marketing

International Business Analysis (Students without an International Business Major)
IBB202 Business and the World Economy
IBB211 Globalisation and Business
PLUS one of the following pairs of units:
IBB210 Export Management
IBB300 International Business Strategy
OR
IBB217 Asian Business Development
IBB317 Contemporary Business in Asia

Management (Students without a Human Resource Management Major)
MGB211 Organisational Behaviour
MGB220 Management Research Methods
MGB222 Managing Organisations
PLUS one unit from the list below:

Management (Students with a Management Major)
Any four units listed below other than those that are part of the Management Major:

Management (Students with a Human Resource Management Major)
MGB210 Production and Service Management

MGB334 Managing in a Changing Environment
PLUS two units from the list below:

List of Management Units:

ITB827 Fundamentals of Enterprise Systems
MGB202 Equity and Diversity Management
MGB203 Government-Business Interface
MGB210 Production and Service Management
MGB216 Managing Technology, Innovation and Knowledge
MGB218 Venture Skills
MGB223 Creating New Enterprises
MGB309 Strategic Management
MGB312 Negotiation Skills
MGB314 Organisational Consulting and Change
MGB315 Personal and Professional Development
MGB224 Australian Industrial Relations
MGB335 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 Carseldine
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
Discipline Studies Y
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

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 (Study Area A)
CRICOS code: 027274G
Location: Gardens Point
Course duration (full-time): 4 years
Total credit points: 432
Standard credit points per semester (full-time): 54 (Average)
Course coordinator: Dr Jack Wrigley (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)
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
Business Double Major/Extended Major/Specialisation

Course Structure - Accountancy Major (For students with SA in Senior Math 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)
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
Business Double Major/Extended Major/Specialisation
Students must select BSB122 Business Information Analysis & Communication to replace
one of the Mathematics Electives.

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
Mathematics Elective (Level 2 or 3)

Year 3, Semester 1

BSB115 Management, People and Organisations
EFB201 Financial Markets
Mathematics Elective (Level 2 or 3)
Mathematics Elective (Level 2 or 3)
Business Double Major/Extended Major/Specialisation

Year 3, Semester 2

EFB312 International Finance and Economics
Mathematics Elective (Level 2 or 3)
Business Double Major/Extended Major/Specialisation
Business Double Major/Extended Major/Specialisation

Year 4, Semester 1

Mathematics Elective (Level 2 or 3)
Mathematics Elective (Level 2 or 3)
Mathematics Elective (Level 2 or 3)
Business Double Major/Extended Major/Specialisation
Business Double Major/Extended Major/Specialisation

Year 4, Semester 2

Mathematics Elective (Level 2 or 3)
Mathematics Elective (Level 2 or 3)
Mathematics Elective (Level 2 or 3)
Business Double Major/Extended Major/Specialisation

Course Structure - Banking and Finance Major (for students with SA in Senior Maths B only)

Year 1, Semester 1

BSB110 Accounting
BSB113 Economics
MAB100 Mathematical Sciences 1A
MAB101 Statistical Data Analysis 1

Year 1, Semester 2

BSB119 International & Electronic Business
EFB102 Economics 2
MAB111 Mathematical Sciences 1B
MAB112 Mathematical Sciences 1C
MAB210 Statistical Modelling 1

Year 2, Semester 1

BSB126 Marketing
EFB210 Finance 1
MAB311 Advanced Calculus
MAB313 Mathematics of Finance

Year 2, Semester 2

BSB111 Business Law and Ethics
BSB114 Government, Business and Society
EFB307 Finance 2
MAB220 Computational Mathematics 1
Mathematics Elective (Level 2 or 3)

Year 3, Semester 1

BSB115 Management, People and Organisations
EFB201 Financial Markets

Mathematics Elective (Level 2 or 3)
Mathematics Elective (Level 2 or 3)
Business Double Major/Extended Major/Specialisation

Year 3, Semester 2

EFB312 International Finance and Economics
Mathematics Elective (Level 2 or 3)
Business Double Major/Extended Major/Specialisation
Business Double Major/Extended Major/Specialisation

Year 4, Semester 1

Mathematics Elective (Level 2 or 3)
Mathematics Elective (Level 2 or 3)
Mathematics Elective (Level 2 or 3)
Business Double Major/Extended Major/Specialisation
Business Double Major/Extended Major/Specialisation

Year 4, Semester 2

Mathematics Elective (Level 2 or 3)
Mathematics Elective (Level 2 or 3)
Mathematics Elective (Level 2 or 3)
Business Double Major/Extended Major/Specialisation
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
Mathematics Elective (Level 2 or 3)

Year 3, Semester 1

BSB115 Management, People and Organisations
Mathematics Elective (Level 2 or 3)
Mathematics Elective (Level 2 or 3)
Business Double Major/Extended Major/Specialisation
Business Double Major/Extended Major/Specialisation

Year 3, Semester 2

EFB314 International Trade and Economic Competitiveness
Mathematics Elective (Level 2 or 3)
Business Double Major/Extended Major/Specialisation
Business Double Major/Extended Major/Specialisation

Year 4, Semester 1

BSB111 Business Law and Ethics
Mathematics Elective (Level 2 or 3)
Mathematics Elective (Level 2 or 3)
Mathematics Elective (Level 2 or 3)
Business Double Major/Extended Major/Specialisation

Year 4, Semester 2

Mathematics Elective (Level 2 or 3)
Mathematics Elective (Level 2 or 3)
Mathematics Elective (Level 2 or 3)
Business Double Major/Extended Major/Specialisation

Course Structure - Economics Major (for students with SA in Senior Math 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
EFB102 Economics 2
MAB111 Mathematical Sciences 1B
MAB112 Mathematical Sciences 1C
MAB210 Statistical Modelling 1

Year 2, Semester 1

EFB202 Business Cycles and Economic Growth
EFB211 Firms, Markets and Resources
MAB311 Advanced Calculus
MAB313 Mathematics of Finance

Year 2, Semester 2

BSB114 Government, Business and Society
BSB126 Marketing
EFB323 Financial and Monetary Economics
MAB220 Computational Mathematics 1
Mathematics Elective (Level 2 or 3)

Year 3, Semester 1

BSB115 Management, People and Organisations
Mathematics Elective (Level 2 or 3)
Mathematics Elective (Level 2 or 3)
Business Double Major/Extended Major/Specialisation
Business Double Major/Extended Major/Specialisation

Year 3, Semester 2

EFB314 International Trade and Economic Competitiveness
Mathematics Elective (Level 2 or 3)
Business Double Major/Extended Major/Specialisation
Business Double Major/Extended Major/Specialisation

Year 4, Semester 1

BSB111 Business Law and Ethics
Mathematics Elective (Level 2 or 3)
Mathematics Elective (Level 2 or 3)
Mathematics Elective (Level 2 or 3)
Business Double Major/Extended Major/Specialisation

Year 4, Semester 2

Mathematics Elective (Level 2 or 3)
Mathematics Elective (Level 2 or 3)
Mathematics Elective (Level 2 or 3)
Business Double Major/Extended Major/Specialisation

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) with an exit assessment of at least Sound Achievement in both

Year 1, Semester 1
ITB225 Introduction to Databases
ITB410 Software Development 1
MAB111 Mathematical Sciences 1B
MAB112 Mathematical Sciences 1C

Year 1, Semester 2
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
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

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
MAB210 Statistical Modelling 1
MAB220 Computational Mathematics 1

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 ITB576
List 2B:

ITB222 Business Systems Analysis
ITB241 Information Technology Management
ITB257 Multimedia Systems
ITB258 ABAP Programming
ITB260 E-Commerce Site Development
ITB427 Concurrent and Distributed Systems
ITB448 Object Technology
ITB458 Java and Extensible Programming
ITB469 Unix Systems Programming and Administration

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: Science: 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

BSB126 Marketing
2 Business Units (Major)

Year 3, Semester 1
2 Level two Science Units
2 Business Units (major/double major/extended major/specialisation)
PLUS
1 Business Unit (major/double major/extended major/specialisation)
(Students may choose whether to take this in semester 1 or semester 2)

Year 3, Semester 2
2 Level two Science Units
2 Business Units (major/double major/extended major/specialisation)
PLUS
1 Business Unit (major/double major/extended major/specialisation)
(Students may choose whether to take this in semester 1 or semester 2)

Year 4, Semester 1
2 Level three Science Units
2 Business Units (major/double major/extended major/specialisation units)
PLUS
1 Business Unit (major/double major/extended major/specialisation)
(Students may choose whether to take this in semester 1 or semester 2)

Year 4, Semester 2
2 Level three Science Units
2 Business Units (major/double major/extended major/specialisation units)
PLUS
1 Business Unit (major/double major/extended major/specialisation)
(Students may choose whether to take this in semester 1 or semester 2)

Majors Available in Business:
Accountancy
Advertising
Banking & Finance
Economics
Electronic Business
Human Resource Management
International Business
Management
Marketing
Public Relations

■ 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
EAB347 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

SPB002 Psychology of Learning and Teaching
Year 4, Semester 2
CLB306 Understanding Educational Practices
EAB346 Early Childhood Curriculum: Science, Society and the Environment
EAB444 Inclusive Practices in Early Childhood
EDB423 Early Childhood Professional Practice: Choice

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
EITHER
MAB101 Statistical Data Analysis 1
OR
NRB100 Environmental Science
Year 2, Semester 2
One Science elective unit, for example:
LSB258 Human Anatomy and Physiology
EITHER
LSB408 Metabolism
OR
LSB468 Molecular Biology
LSB497 Plant Molecular Biology
LSB657 Perspectives in Life Science
Year 3, Semester 1
EDB422 Early Childhood Professional Practice: Preschool/kindergarten
LSB537 Genetic Engineering
Two of
LSB509 Medical Biotechnology 1
LSB568 Electron Microscopy
LSB577 Plant Biotechnology 1
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
Year 4, Semester 2
CLB306 Understanding Educational Practices
EAB346 Early Childhood Curriculum: Science, Society and the Environment
EAB444 Inclusive Practices in Early Childhood
EDB423 Early Childhood Professional Practice: Choice

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
One of
PCB514 Instrumental Analysis
PCB584 Forensic Examination of Physical Evidence
PCB604 Project
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
Year 4, Semester 2
CLB306 Understanding Educational Practices
EAB346 Early Childhood Curriculum: Science, Society and the Environment
EAB444 Inclusive Practices in Early Childhood
EDB423 Early Childhood Professional Practice: Choice

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
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
Year 4, Semester 2
CLB306 Understanding Educational Practices
EAB346 Early Childhood Curriculum: Science, Society and the Environment
EAB444 Inclusive Practices in Early Childhood
EDB423 Early Childhood Professional Practice: Choice

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

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 Computing Applications
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
Year 4, Semester 2
CLB306 Understanding Educational Practices
EAB346 Early Childhood Curriculum: Science, Society and the Environment
EAB444 Inclusive Practices in Early Childhood
EDB423 Early Childhood Professional Practice: Choice

Course Structure - Major in Geology

Year 1, Semester 1
EAB442 Motor and Social Development in Early Childhood
MAB100 Mathematical Sciences 1A
NRB100 Environmental Science
PCB101 Physical Science
Year 1, Semester 2
CLB305 Education in Context
MAB101 Statistical Data Analysis 1
NRB230 Planet Earth
PCB142 Chemistry 1
Year 2, Semester 1
EAB347 Early Childhood Curriculum: Early Mathematical Explorations
NRB331 Sedimentary Geology
NRB333 Mineralogy
NRB334 Mineral Deposits and Mine Geology
Year 2, Semester 2
NRB434 Structural Geology and Field Methods
NRB436 Introduction to Igneous and Metamorphic Petrology
NRB633 Hydrogeology
SCB222 Exploration of the Universe
Year 3, Semester 1
EDB422 Early Childhood Professional Practice: Preschool/kindergarten
NRB533 Advanced Geological Mapping
NRB534 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
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
Year 4, Semester 2
CLB306 Understanding Educational Practices
EAB346 Early Childhood Curriculum: Science, Society and the Environment
EAB444 Inclusive Practices in Early Childhood
EDB423 Early Childhood Professional Practice: Choice

Course Structure - Major in Mathematics (WITH Maths C)

Year 1, Semester 1
EAB442 Motor and Social Development in Early Childhood
MAB101 Statistical Data Analysis 1
MAB111 Mathematical Sciences 1B
MAB112 Mathematical Sciences 1C
Year 1, Semester 2
CLB305 Education in Context
MAB210 Statistical Modelling 1
MAB220 Computational Mathematics 1
PCB101 Physical Science
Year 2, Semester 1
EAB347 Early Childhood Curriculum: Early Mathematical Explorations
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
MAB315 Operations Research 2
Year 2, Semester 2
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
MAB613 Partial Differential Equations
MAB621 Discrete Mathematics
MAB623 Financial Mathematics
Students must complete at least one of MAB311, MAB312, MAB413
Year 3, Semester 1
EDB422 Early Childhood Professional Practice: Preschool/kindergarten
One Science elective
Two 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
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
Year 4, Semester 2
CLB306 Understanding Educational Practices
EAB346 Early Childhood Curriculum: Science, Society and the Environment
EAB444 Inclusive Practices in Early Childhood
EDB423 Early Childhood Professional Practice: Choice

Course Structure - Major in Mathematics (WITHOUT Maths C)

Year 1, Semester 1
EAB442 Motor and Social Development in Early Childhood
MAB100 Mathematical Sciences 1A
MAB101 Statistical Data Analysis 1
MAB111 Mathematical Sciences 1B
Year 1, Semester 2
CLB305 Education in Context

MAB112 Mathematical Sciences 1C
MAB210 Statistical Modelling 1
PCB101 Physical Science
Year 2, Semester 1
EAB347 Early Childhood Curriculum: Early Mathematical Explorations
MAB311 Advanced Calculus
MAB312 Linear Algebra
MAB313 Mathematics of Finance
Year 2, Semester 2
MAB220 Computational Mathematics 1
MAB315 Operations Research 2
MAB621 Discrete Mathematics
MAB623 Financial Mathematics
Year 3, Semester 1
EDB422 Early Childhood Professional Practice: Preschool/kindergarten
MAB523 Introduction to Quality Management
MAB525 Operations Research 3A
One Science elective unit
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
Year 4, Semester 2
CLB306 Understanding Educational Practices
EAB346 Early Childhood Curriculum: Science, Society and the Environment
EAB444 Inclusive Practices in Early Childhood
EDB423 Early Childhood Professional Practice: Choice

Course Structure - Major in Microbiology

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
EITHER
MAB101 Statistical Data Analysis 1
OR
NRB100 Environmental Science
Year 2, Semester 2
LSB258 Human Anatomy and Physiology
LSB408 Metabolism
LSB428 Microbiology 2
LSB657 Perspectives in Life Science
Year 3, Semester 1
EDB422 Early Childhood Professional Practice: Preschool/kindergarten
LSB528 Environmental Microbiology
LSB547 Bacterial Pathogenesis
LSB578 Virology
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
Year 4, Semester 2
CLB306 Understanding Educational Practices
EAB346 Early Childhood Curriculum: Science, Society and the Environment
EAB444 Inclusive Practices in Early Childhood
EDB423 Early Childhood Professional Practice: Choice

Course Structure - Major in Physics

Year 1, Semester 1
EAB442 Motor and Social Development in Early Childhood
PCB101 Physical Science
PCB107 Physics and Quantitative Techniques
MAB101 Statistical Data Analysis 1
EITHER
MAB180 Engineering Mathematics 1
OR
MAB131 Engineering Mathematics 1A
Year 1, Semester 2
CLB305 Education in Context
MAB132 Engineering Mathematics 1B
PCB250 Physics 1
PCB260 Physics 1A
Year 2, Semester 1
EAB347 Early Childhood Curriculum: Early Mathematical Explorations
MAB134 Electrical Engineering Mathematics 3
PCB361 AC Theory and Electronics
PCB362 Physics 2
Year 2, Semester 2
PCB404 Scientific Principles of Safety
PCB460 Instrumentation and Computational Methods
PCB462 Thermodynamics and Solid State Physics
One Science elective unit
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
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
Year 4, Semester 2
CLB306 Understanding Educational Practices
EAB346 Early Childhood Curriculum: Science, Society and the Environment
EAB444 Inclusive Practices in Early Childhood
EDB423 Early Childhood Professional Practice: Choice

■ 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.

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 of 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, and the Statistical Society of Australia.

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 undertaker 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
EITHER
LSB408 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
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 undertaker 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 1, Semester 2
MDB383 Using Technology in the Curriculum
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
PCB505 Advanced Physical Chemistry
PCB554 Synthesis and Reactivity in Organic Chemistry
One of
PCB514 Instrumental Analysis
PCB584 Forensic Examination of Physical Evidence
PCB604 Project
Year 3, Semester 2
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 undertaker 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 Ecology

Year 1, Semester 1
CLB305 Education in Context
LSB118 Life Science
NRB100 Environmental Science
PCB101 Physical Science
Year 1, Semester 2
MAB101 Statistical Data Analysis 1
MDB383 Using Technology in the Curriculum
NRB270 Animal and Plant Structure and Function
NRB410 Genetics
Year 2, Semester 1
CLB376 Studies of Society and Environment Curriculum
NRB311 Population Ecology
NRB312 Experimental Design
NRB370 Invertebrate Biology
Year 2, Semester 2
EDB430 Primary Professional Practice 1: Classroom Management
NRB411 Ecological Methods
NRB470 Vertebrate Biology
NRB611 Conservation Biology
Year 3, Semester 1
NRB510 Population Genetics
NRB511 Population Management
NRB572 Terrestrial Ecosystems
One Science Elective
Year 3, Semester 2
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 undertaker 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 1, Semester 2
LSB118 Life Science
MDB383 Using Technology in the Curriculum
NRB232 Environmental Geology
PCB142 Chemistry 1
Year 2, Semester 1
CLB376 Studies of Society and Environment Curriculum
NRB300 Environmental Monitoring
NRB311 Population Ecology
One of
NRB370 Invertebrate Biology
NRB371 Plant Biology
ITB843 Computing Applications
Year 2, Semester 2
EDB430 Primary Professional Practice 1: Classroom Management
NRB400 Environmental Systems
NRB440 Environmental Chemistry
NRB600 Issues in Environmental Management
Year 3, Semester 1
NRB500 Environmental Modelling
NRB501 Mapping and Modelling of Natural Resource Data
NRB572 Terrestrial Ecosystems
One Science Elective
Year 3, Semester 2
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 undertaker 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 1
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 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 undertaker 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
MAB101 Statistical Data Analysis 1
MAB111 Mathematical Sciences 1B
MAB112 Mathematical Sciences 1C
Year 1, Semester 2
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:
MAB521 Applied Mathematics 3
MAB522 Computational Mathematics 3
MAB524 Statistical Inference
MAB525 Operations Research 3A
MAB526 Statistical Science 3
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 undertaker 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
Year 1, Semester 2
EITHER
MAB210 Statistical Modelling 1
OR
MAB220 Computational Mathematics 1
MAB112 Mathematical Sciences 1C
MDB383 Using Technology in the Curriculum
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
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:
MAB521 Applied Mathematics 3
MAB522 Computational Mathematics 3
MAB524 Statistical Inference

MAB525 Operations Research 3A
MAB526 Statistical Science 3
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 undertaker 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 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 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
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
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 undertaker 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 Physics

Year 1, Semester 1
CLB305 Education in Context
MAB101 Statistical Data Analysis 1
PCB101 Physical Science
PCB107 Physics and Quantitative Techniques
EITHER
MAB131 Engineering Mathematics 1A
OR
MAB180 Engineering Mathematics 1
Year 1, Semester 2
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 undertaker 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

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
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 (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 undertaker 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
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
EITHER
LSB408 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
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 undertaker 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
PCB505 Advanced Physical Chemistry
PCB554 Synthesis and Reactivity in Organic Chemistry
One of
PCB514 Instrumental Analysis
PCB584 Forensic Examination of Physical Evidence
PCB604 Project
Year 3, Semester 2 (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 undertaker 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
MAB101 Statistical Data Analysis 1
CLB305 Education in Context
NRB270 Animal and Plant Structure and Function
NRB410 Genetics
Year 2, Semester 1
CLB376 Studies of Society and Environment Curriculum
NRB311 Population Ecology
NRB312 Experimental Design
NRB370 Invertebrate Biology
Year 2, Semester 2
EDB430 Primary Professional Practice 1: Classroom Management
NRB411 Ecological Methods
NRB470 Vertebrate Biology
NRB611 Conservation Biology

Year 3, Semester 1
NRB510 Population Genetics
NRB511 Population Management
NRB572 Terrestrial Ecosystems
One Science Elective
Year 3, Semester 2 (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 undertaker 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
CLB305 Education in Context
LSB118 Life Science
NRB232 Environmental Geology
PCB142 Chemistry 1
Year 2, Semester 1
CLB376 Studies of Society and Environment Curriculum
NRB300 Environmental Monitoring
NRB311 Population Ecology
One of
NRB370 Invertebrate Biology
NRB371 Plant Biology
ITB843 Computing Applications
Year 2, Semester 2
EDB430 Primary Professional Practice 1: Classroom Management
NRB400 Environmental Systems
NRB440 Environmental Chemistry
NRB600 Issues in Environmental Management
Year 3, Semester 1
NRB500 Environmental Modelling
NRB501 Mapping and Modelling of Natural Resource Data
One Science unit, taken from the group in year 2 semester 1 (above), plus
NRB572 Terrestrial Ecosystems
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 undertaker 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 Geology

Year 1, Semester 1
CLB342 Language and Mathematics Curriculum 1
MAB100 Mathematical Sciences 1A
NRB100 Environmental Science
PCB101 Physical Science
Year 1, Semester 2
CLB305 Education in Context
MAB101 Statistical Data Analysis 1
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
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 (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 undertaker 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
MAB210 Statistical Modelling 1
MAB220 Computational Mathematics 1
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
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:
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 undertaker 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
EITHER
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
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:
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 undertaker 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
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
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
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 undertaker 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
PCB107 Physics and Quantitative Techniques
EITHER
MAB131 Engineering Mathematics 1A
OR

MAB180 Engineering Mathematics 1
Year 1, Semester 2
CLB305 Education in Context
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 (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 undertaker 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.

■ 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.

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 of Biochemistry and Molecular Biology, Australian Society for Medical Research, Australian Society for Microbiology, Australian Society for Operations Research, Ecological Society of Australia, Geological Society of Australia, Royal Australian Chemical Institute, and the Statistical Society of Australia.

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 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 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
LSB468 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
LSB537 Genetic Engineering
LSB527 Biomedical Research Technologies
LSB568 Electron Microscopy
EITHER
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
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 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
SCB202 Science, Technology and Society
SPB002 Psychology of Learning and Teaching
Year 3, Semester 1
CLB341 Language, Technology and Education
PCB505 Advanced Physical Chemistry
PCB554 Synthesis and Reactivity in Organic Chemistry
LSB118 Life Science
One of
PCB514 Instrumental Analysis
PCB584 Forensic Examination of Physical Evidence
PCB604 Project
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 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
NRB311 Population Ecology
NRB312 Experimental Design
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
NRB100 Environmental Science
PCB101 Physical Science
Year 1, Semester 2
CLB305 Education in Context
NRB232 Environmental Geology
PCB142 Chemistry 1
SCB202 Science, Technology and Society
SCB222 Exploration of the Universe
Year 2, Semester 1
SPB001 Human Development and Education
NRB300 Environmental Monitoring
NRB311 Population Ecology
Two elective Science units - recommended units are:
MAB100 Mathematical Sciences 1A
NRB370 Invertebrate Biology
NRB371 Plant Biology
ITB843 Computing Applications
Year 2, Semester 2
LEB336 Psychology of Learning and Teaching
NRB400 Environmental Systems
NRB440 Environmental Chemistry
NRB600 Issues in Environmental Management
NRB633 Hydrogeology
Year 3, Semester 1
CLB341 Language, Technology and Education
NRB500 Environmental Modelling
NRB501 Mapping and Modelling of Natural Resource Data
One Science elective unit, taken from the group in year 2 semester 1 (above), plus
NRB572 Terrestrial Ecosystems
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
NRB100 Environmental Science
PCB101 Physical Science
Year 1, Semester 2
CLB305 Education in Context
NRB230 Planet Earth
PCB142 Chemistry 1
SCB202 Science, Technology and Society
SCB222 Exploration of the Universe
Year 2, Semester 1
NRB300 Environmental Monitoring
NRB331 Sedimentary Geology
NRB333 Mineralogy
NRB334 Mineral Deposits and Mine Geology
SPB001 Human Development and Education
Year 2, Semester 2
SPB002 Psychology of Learning and Teaching
NRB434 Structural Geology and Field Methods
NRB436 Introduction to Igneous and Metamorphic Petrology
NRB633 Hydrogeology
One unit from
NRB440 Environmental Chemistry
NRB435 Ore Genesis
Year 3, Semester 1
CLB341 Language, Technology and Education
LSB118 Life Science
NRB533 Advanced Geological Mapping
NRB534 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
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
Three Level 2 Mathematics unit * - available units are:
MAB311 Advanced Calculus
MAB312 Linear Algebra
MAB313 Mathematics of Finance
MAB314 Statistical Modelling 2
MAB315 Operations Research 2
Year 2, Semester 2
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 3, Semester 1
CLB341 Language, Technology and Education
LSB118 Life Science
PCB107 Physics and Quantitative Techniques
Two Level 3 Mathematics units - available units are:

MAB521 Applied Mathematics 3
MAB522 Computational Mathematics 3
MAB523 Introduction to Quality Management
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 Microbiology

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
LSB428 Microbiology 2
NRB230 Planet 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 Physics

Year 1, Semester 1

PCB101 Physical Science
PCB107 Physics and Quantitative Techniques
NRB100 Environmental Science
EITHER
MAB180 Engineering Mathematics 1
OR
MAB131 Engineering Mathematics 1A

Year 1, Semester 2

CLB305 Education in Context
MAB132 Engineering Mathematics 1B
PCB250 Physics 1
PCB260 Physics 1A
SCB222 Exploration of the Universe

Year 2, Semester 1

MAB134 Electrical Engineering Mathematics 3
PCB142 Chemistry 1
PCB361 AC Theory and Electronics
PCB362 Physics 2
SPB001 Human Development and Education

Year 2, Semester 2

PCB404 Scientific Principles of Safety
PCB460 Instrumentation and Computational Methods

PCB462 Thermodynamics and Solid State Physics
SCB202 Science, Technology and Society
SPB002 Psychology of Learning and Teaching

Year 3, Semester 1
CLB341 Language, Technology and Education
LSB118 Life Science
PCB561 Quantum and Condensed Matter Physics
PCB562 Physical Methods of Analysis
PCB661 Experimental Physics

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

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.

Curriculum Studies Electives

List 4
See Bachelor of Arts/Bachelor of Education (Secondary) in this section.

■ Bachelor of Applied Science/Bachelor of Information Technology (IF29)

Award title: Bachelor of Applied Science (Study Area A)/Bachelor of Information Technology
CRICOS code: 020327M
Location: Gardens Point
Course duration (full-time): 4 years
Total credit points: 408 (Note: The minimum course load per semester required for full-time enrolment may be more than 36 credit points)
Course coordinator: Science: Dr Neville Bofinger; InfTech: Dr Colin Boyd

Professional Recognition

Graduates are eligible for membership of the Australian Computer Society (ACS). 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 a student undertakes.

Course Structure

Students must complete 192 credit points of units offered within the Faculty of Science and meet all the requirements of the core and a major as specified for the SC01 Bachelor of Applied Science program.

Course Structure - Major in Biochemistry

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
NRB270 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
PCB242 Chemistry 2

Year 3, Semester 1
ITB420 Computer Architecture
LSB308 Biochemistry
LSB338 Cell and Molecular Biology 2
IT Specialisation Unit selected from List 1

Year 3, Semester 2
ITB424 Software Engineering Principles
ITB448 Object Technology
LSB408 Metabolism
LSB468 Molecular Biology

Year 4, Semester 1
ITB432 Advanced Programming Laboratory
LSB508 Advanced Metabolism
LSB527 Biomedical Research Technologies
IT Specialisation Unit selected from List 1

Yea 4, Semester 2
LSB607 Protein Purification
LSB608 Protein Science
IT Specialisation Unit selected from List 1
IT Specialisation Unit selected from List 1

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
NRB270 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
PCB242 Chemistry 2
Year 3, Semester 1
ITB420 Computer Architecture
LSB308 Biochemistry
LSB338 Cell and Molecular Biology 2
IT Specialisation Unit selected from List 1
Year 3, Semester 2
ITB424 Software Engineering Principles
ITB448 Object Technology
LSB408 Metabolism
LSB468 Molecular Biology
Year 4, Semester 1
ITB432 Advanced Programming Laboratory
LSB537 Genetic Engineering
LSB598 Molecular Pathogenesis 1
IT Specialisation Unit selected from List 1
Year 4, Semester 2
LSB637 Molecular Genetics
LSB698 Molecular Pathogenesis 2
IT Specialisation Unit selected from List 1
IT Specialisation Unit selected from List 1

Course Structure - Major in Chemistry

Year 1, Semester 1
ITB225 Introduction to Databases
ITB410 Software Development 1
MAB100 Mathematical Sciences 1A
PCB101 Physical Science
Year 1, Semester 2
ITB107 Programming Laboratory
ITB411 Software Development 2
ITB510 Data Communications
MAB101 Statistical Data Analysis 1
LSB118 Life Science
Year 2, Semester 1
ITB412 Technology of Information Systems
ITB421 Software Development 3
ITB524 Internetworking
NRB100 Environmental Science
PCB142 Chemistry 1
Year 2, Semester 2
ITB529 Network Services
ITB527 Network Technologies
PCB242 Chemistry 2
PCB260 Physics 1A
Year 3, Semester 1
ITB420 Computer Architecture
PCB305 Principles of Physical Chemistry
PCB354 Structure and Mechanism in Organic Chemistry
IT Specialisation Unit selected from List 1
Year 3, Semester 2
ITB424 Software Engineering Principles
ITB448 Object Technology
PCB434 Inorganic Chemistry
PCB444 Spectroscopy
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
PCB634 Organometallic and Coordination Chemistry
PCB644 Frontiers in Chemistry
IT Specialisation Unit selected from List 1
IT Specialisation Unit selected from List 1

Course Structure - Major in Ecology

Year 1, Semester 1
ITB225 Introduction to Databases
ITB410 Software Development 1
NRB100 Environmental Science
PCB101 Physical Science
Year 1, Semester 2
ITB107 Programming Laboratory
ITB411 Software Development 2
ITB510 Data Communications
LSB118 Life Science
NRB200 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
NRB270 Animal and Plant Structure and Function
Year 3, Semester 1
ITB420 Computer Architecture
NRB311 Population Ecology
NRB312 Experimental Design
IT Specialisation Unit selected from List 1
Year 3, Semester 2
ITB424 Software Engineering Principles
ITB448 Object Technology
NRB410 Genetics
NRB411 Ecological Methods
Year 4, Semester 1
ITB432 Advanced Programming Laboratory
NRB510 Population Genetics
NRB511 Population Management
IT Specialisation Unit selected from List 1
Year 4, Semester 2
NRB610 Ecological Applications
NRB611 Conservation Biology
IT Specialisation Unit selected from List 1
IT Specialisation Unit selected from List 1

Course Structure - Major in Environmental Science (Chemistry Strand)

Year 1, Semester 1
ITB225 Introduction to Databases
ITB410 Software Development 1
NRB100 Environmental Science
PCB101 Physical Science
Year 1, Semester 2
ITB107 Programming Laboratory
ITB411 Software Development 2
ITB510 Data Communications
NRB200 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
MAB101 Statistical Data Analysis 1
NRB440 Environmental Chemistry

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
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 1, Semester 2
ITB107 Programming Laboratory
ITB411 Software Development 2
ITB510 Data Communications
MAB100 Mathematical Sciences 1A
NRB200 Environment of South East Queensland
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 Population Ecology
IT Specialisation Unit selected from List 1
Year 3, Semester 2
ITB424 Software Engineering Principles
ITB448 Object Technology
NRB400 Environmental Systems
NRB410 Genetics
Year 4, Semester 1
ITB432 Advanced Programming Laboratory
NRB500 Environmental Modelling
NRB511 Population Management
IT Specialisation Unit selected from List 1
Year 4, Semester 2
NRB600 Issues in Environmental Management
NRB611 Conservation Biology
IT Specialisation Unit selected from List 1
IT Specialisation Unit selected from List 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 1, Semester 2
ITB107 Programming Laboratory
ITB411 Software Development 2
ITB510 Data Communications
NRB200 Environment of South East Queensland
PCB250 Physics 1
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
NRB230 Planet Earth
PCB242 Chemistry 2
Year 3, Semester 1
ITB420 Computer Architecture
NRB330 Structural Geology
NRB331 Sedimentary Geology
NRB333 Mineralogy
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
IT Specialisation Unit selected from List 1
IT Specialisation Unit selected from List 1
Level 3 Geoscience unit
Level 3 Geoscience unit

Course Structure - Major in Microbiology

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
NRB270 Animal and Plant Structure and Function
Year 2, Semester 1
ITB412 Technology of Information Systems
ITB421 Software Development 3
ITB524 Internetworking
MAB100 Mathematical Sciences 1A
PCB142 Chemistry 1
Year 2, Semester 2
ITB529 Network Services
ITB527 Network Technologies
MAB101 Statistical Data Analysis 1
PCB242 Chemistry 2
Year 3, Semester 1
ITB420 Computer Architecture
LSB308 Biochemistry
LSB328 Microbiology 1
IT Specialisation Unit selected from List 1
Year 3, Semester 2
ITB424 Software Engineering Principles
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

ITB410 Software Development 1
PCB101 Physical Science
AND
MAB131 Engineering Mathematics 1A
OR
MAB180 Engineering Mathematics 1
Year 1, Semester 2
ITB107 Programming Laboratory
ITB411 Software Development 2
ITB510 Data Communications
MAB132 Engineering Mathematics 1B
Year 2, Semester 1
ITB412 Technology of Information Systems
ITB421 Software Development 3
ITB524 Internetworking
MAB134 Electrical Engineering Mathematics 3
PCB107 Physics and Quantitative Techniques
Year 2, Semester 2
ITB529 Network Services
ITB527 Network Technologies
PCB250 Physics 1
PCB260 Physics 1A
Year 3, Semester 1
ITB420 Computer Architecture
PCB361 AC Theory and Electronics
PCB362 Physics 2
IT Specialisation Unit selected from List 1
Year 3, Semester 2
ITB424 Software Engineering Principles
ITB448 Object Technology
PCB460 Instrumentation and Computational Methods
PCB462 Thermodynamics and Solid State Physics
Year 4, Semester 1
ITB432 Advanced Programming Laboratory
PCB561 Quantum and Condensed Matter Physics
PCB562 Physical Methods of Analysis
IT Specialisation Unit selected from List 1
Year 4, Semester 2
PCB661 Experimental Physics
PCB665 Physics 3
IT Specialisation Unit selected from List 1
IT Specialisation Unit selected from List 1

List 1: Information Technology Specialisation Units

Select four units from the following list of units:
Computing Science
ITB427 Concurrent and Distributed Systems
ITB433 Programming Languages
ITB441 Graphics
ITB442 Foundations of Artificial Intelligence
ITB447 Project
ITB434 Parallel Computing
ITB454 Software Quality Assurance
ITB456 Graphic User Interfaces
ITB457 Windows Programming
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
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

Note: All Information Technology units have 3 contact hours per week

■ 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 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 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

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 Biotechnology (Medical Strand)

Year 1, Semester 1
Introduction to Legal Research #
LSB118 Life Science
LWB141 Legal Institutions and Method
LWB142 Law, Society and Justice
MAB101 Statistical Data Analysis 1
PCB101 Physical Science
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
One Science elective, for example:
LSB258 Human Anatomy and Physiology
LSB408 Metabolism
LSB468 Molecular Biology
LWB137 Contracts B
Year 3, Semester 1
LSB509 Medical Biotechnology 1
LSB537 Genetic Engineering
LWB138 Fundamentals of Torts
LWB238 Fundamentals of Criminal Law
Year 3, Semester 2
LSB609 Medical Biotechnology 2
LSB637 Molecular Genetics
LWB139 Select Issues in Torts
LWB239 Criminal Responsibility
Year 4, Semester 1
LWB231 Introduction to Public Law
LWB236 Real Property A
LWB240 Principles of Equity
LWB332 Commercial and Personal Property Law
LWB333 Theories of Law
Year 4, Semester 2
LWB235 Australian Federal Constitutional Law
LWB237 Real Property B
LWB241 Trusts
LWB331 Administrative Law
LWB334 Corporate Law
Year 5, Semester 1
LWB431 Civil Procedure
LWB432 Evidence
LWB434 Advanced Research and Legal Reasoning
Elective Units #
year 5, Semester 2
LWB433 Professional Responsibility
Elective Units #
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 Biotechnology (Plant Biotechnology Strand)

Year 1, Semester 1
Introduction to Legal Research #
LSB118 Life Science
LWB141 Legal Institutions and Method
LWB142 Law, Society and Justice
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 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
LSB468 Molecular Biology
LSB497 Plant Molecular Biology
One Science elective, for example:
LSB397 Plant Physiology 1
LWB137 Contracts B
Year 3, Semester 1
LSB537 Genetic Engineering
LSB577 Plant Biotechnology 1
LWB138 Fundamentals of Torts
LWB238 Fundamentals of Criminal Law
Year 3, Semester 2
LSB677 Plant Biotechnology 2
One level 3 Science unit, for example:
LSB637 Molecular Genetics
LWB139 Select Issues in Torts
LWB239 Criminal Responsibility
Year 4, Semester 1
LWB231 Introduction to Public Law
LWB236 Real Property A
LWB240 Principles of Equity
LWB332 Commercial and Personal Property Law
LWB333 Theories of Law
Year 4, Semester 2
LWB235 Australian Federal Constitutional Law
LWB237 Real Property B
LWB241 Trusts
LWB331 Administrative Law
LWB334 Corporate Law
Year 5, Semester 1
LWB431 Civil Procedure
LWB432 Evidence

LWB434 Advanced Research and Legal Reasoning
Elective Units #
Year 5, Semester 2
LWB433 Professional Responsibility
Elective Units #
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 Chemistry

Year 1, Semester 1
Introduction to Legal Research #
LWB141 Legal Institutions and Method
LWB142 Law, Society and Justice
MAB100 Mathematical Sciences 1A
NRB100 Environmental Science
PCB101 Physical Science
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
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 2, Semester 2
LWB137 Contracts B
PCB414 Industrial and Environmental Analytical Chemistry
PCB434 Inorganic Chemistry
PCB444 Spectroscopy
Year 3, Semester 1
LWB138 Fundamentals of Torts
LWB238 Fundamentals of Criminal Law
PCB505 Advanced Physical Chemistry
PCB554 Synthesis and Reactivity in Organic Chemistry
Year 3, Semester 2
LWB139 Select Issues in Torts
LWB239 Criminal Responsibility
PCB634 Organometallic and Coordination Chemistry
PCB644 Frontiers in Chemistry
Year 4, Semester 1
LWB231 Introduction to Public Law
LWB236 Real Property A
LWB240 Principles of Equity
LWB332 Commercial and Personal Property Law
LWB333 Theories of Law
Year 4, Semester 2
LWB235 Australian Federal Constitutional Law
LWB237 Real Property B
LWB241 Trusts
LWB331 Administrative Law
LWB334 Corporate Law
Year 5, Semester 1
LWB431 Civil Procedure
LWB432 Evidence
LWB434 Advanced Research and Legal Reasoning
Elective Units #
Year 5, Semester 2
LWB433 Professional Responsibility
Elective Units #
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 Ecology

Year 1, Semester 1
Introduction to Legal Research #
LSB118 Life Science
LWB141 Legal Institutions and Method
LWB142 Law, Society and Justice
NRB100 Environmental Science
PCB101 Physical Science
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
MAB101 Statistical Data Analysis 1
NRB270 Animal and Plant Structure and Function
Year 2, Semester 1
LWB136 Contracts A
NRB311 Population Ecology
NRB312 Experimental Design
NRB370 Invertebrate Biology
Year 2, Semester 2
LWB137 Contracts B
NRB410 Genetics
NRB411 Ecological Methods
NRB470 Vertebrate Biology
Year 3, Semester 1
LWB138 Fundamentals of Torts
LWB238 Fundamentals of Criminal Law
NRB510 Population Genetics
NRB511 Population Management
Year 3, Semester 2
LWB139 Select Issues in Torts
LWB239 Criminal Responsibility
NRB610 Ecological Applications
NRB611 Conservation Biology
Year 4, Semester 1
LWB231 Introduction to Public Law
LWB236 Real Property A
LWB240 Principles of Equity
LWB332 Commercial and Personal Property Law
LWB333 Theories of Law
Year 4, Semester 2
LWB235 Australian Federal Constitutional Law
LWB237 Real Property B
LWB241 Trusts
LWB331 Administrative Law
LWB334 Corporate Law
Year 5, Semester 1
LWB431 Civil Procedure
LWB432 Evidence
LWB434 Advanced Research and Legal Reasoning
Elective Units #
Year 5, Semester 2
LWB433 Professional Responsibility
Elective Units #
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 Environmental Science

Year 1, Semester 1
Introduction to Legal Research #
LSB118 Life Science
LWB141 Legal Institutions and Method
LWB142 Law, Society and Justice
NRB100 Environmental Science
PCB101 Physical Science
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
MAB101 Statistical Data Analysis 1

NRB232 Environmental Geology
PCB142 Chemistry 1
Year 2, Semester 1
LWB136 Contracts A
NRB300 Environmental Monitoring
NRB633 Hydrogeology
One unit selected from:
NRB311 Population Ecology
NRB370 Invertebrate Biology
NRB371 Plant Biology
Year 2, Semester 2
LWB137 Contracts B
NRB400 Environmental Systems
NRB440 Environmental Chemistry
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
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
One unit from:
NRB435 Ore Genesis
NRB440 Environmental Chemistry
Year 3, Semester 1
LWB138 Fundamentals of Torts
LWB238 Fundamentals of Criminal Law
NRB533 Advanced Geological Mapping
NRB534 Geophysics
NRB536 Petrology and Geochemistry
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
NRB636 Stratigraphy and Basin Analysis
Year 4, Semester 1
LWB231 Introduction to Public Law
LWB236 Real Property A
LWB240 Principles of Equity
LWB332 Commercial and Personal Property Law
LWB333 Theories of Law
Year 4, Semester 2
LWB235 Australian Federal Constitutional Law
LWB237 Real Property B
LWB241 Trusts
LWB331 Administrative Law
LWB334 Corporate Law
Year 5, Semester 1
LWB431 Civil Procedure
LWB432 Evidence
LWB434 Advanced Research and Legal Reasoning
Elective Units #
Year 5, Semester 2
LWB433 Professional Responsibility
Elective Units #
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 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
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

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

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 Mathematics [WITHOUT Mathematics C from Senior]

Year 1, Semester 1

Introduction to Legal Research #
LWB141 Legal Institutions and Method
LWB142 Law, Society and Justice
MAB100 Mathematical Sciences 1A
MAB101 Statistical Data Analysis 1

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

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 Microbiology

Year 1, Semester 1

Introduction to Legal Research #
LSB118 Life Science
LWB141 Legal Institutions and Method
LWB142 Law, Society and Justice
MAB101 Statistical Data Analysis 1
PCB101 Physical Science
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
LSB328 Microbiology 1
LWB136 Contracts A
PCB242 Chemistry 2
Students who have previously completed PCB242 may replace this unit with an elective

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
Two Level 3 units from the following:
LSB528 Environmental Microbiology
LSB547 Bacterial Pathogenesis
LSB578 Virology
Year 3, Semester 2
LWB139 Select Issues in Torts
LWB239 Criminal Responsibility
Two Level 3 units from the following:
LSB628 Food Microbiology
LSB647 Clinical Mycology and Parasitology
LSB648 Molecular Microbiology
Year 4, Semester 1
LWB231 Introduction to Public Law
LWB236 Real Property A
LWB240 Principles of Equity
LWB332 Commercial and Personal Property Law
LWB333 Theories of Law
Year 4, Semester 2
LWB235 Australian Federal Constitutional Law
LWB237 Real Property B
LWB241 Trusts
LWB331 Administrative Law
LWB334 Corporate Law
Year 5, Semester 1
LWB431 Civil Procedure
LWB432 Evidence
LWB434 Advanced Research and Legal Reasoning
Elective Units #
Year 5, Semester 2
LWB433 Professional Responsibility
Elective Units #
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 Physics

Year 1, Semester 1
Introduction to Legal Research #
LWB141 Legal Institutions and Method
LWB142 Law, Society and Justice
PCB101 Physical Science
PCB107 Physics and Quantitative Techniques
EITHER
MAB180 Engineering Mathematics 1
OR
MAB131 Engineering Mathematics 1A
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
MAB132 Engineering Mathematics 1B
PCB250 Physics 1
PCB260 Physics 1A
Year 2, Semester 1
LWB136 Contracts A
MAB134 Electrical Engineering Mathematics 3
PCB361 AC Theory and Electronics
PCB362 Physics 2
Year 2, Semester 2
LWB137 Contracts B
PCB460 Instrumentation and Computational Methods
PCB462 Thermodynamics and Solid State Physics
Science elective
Year 3, Semester 1
LWB138 Fundamentals of Torts
LWB238 Fundamentals of Criminal Law
PCB561 Quantum and Condensed Matter Physics
PCB562 Physical Methods of Analysis
Year 3, Semester 2
LWB139 Select Issues in Torts
LWB239 Criminal Responsibility
PCB661 Experimental Physics
PCB665 Physics 3
Year 4, Semester 1
LWB231 Introduction to Public Law
LWB236 Real Property A
LWB240 Principles of Equity
LWB332 Commercial and Personal Property Law
LWB333 Theories of Law
Year 4, Semester 2
LWB235 Australian Federal Constitutional Law
LWB237 Real Property B
LWB241 Trusts
LWB331 Administrative Law
LWB334 Corporate Law
Year 5, Semester 1
LWB431 Civil Procedure
LWB432 Evidence
LWB434 Advanced Research and Legal Reasoning
Elective Units #
Year 5, Semester 2
LWB433 Professional Responsibility
Elective Units #
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.

■ Bachelor of Arts/Bachelor of Applied Science (IF86)

Award title: Bachelor of Arts/Bachelor of Applied Science (Study Area A)
CRICOS code: 031581F
Location: Gardens Point and Carseldine
Course duration (full-time): 4 years
Total credit points: 384 (192 cp in Arts and 192 cp in Applied Science)
Course coordinator: Dr Neville Bofinger (Science); Dr John Synott (Humanities)

Professional Recognition

As this double degree meets requirements for the award of the component degrees, the award is recognised by professional bodies in both arts and science. Relevant professional bodies for the Bachelor of Applied Science degree are listed under the entry for the Bachelor of Applied Science course. Eligibility for membership depends on the majors students undertake.

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

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 HHB116)
- 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. HHB coded units).

Years 3 and 4

Students are required to do a further 8 units to complete:

- One Major Study Sequence from those offered in the BA component, and
- One Minor Study Sequence chosen from those offered in the BA component (i.e. HHB coded units) or from other Minor Study Sequences offered elsewhere within QUT.

NOTE: A minimum of 12 of the 16 units must be chosen from units in the BA.

Students must maintain a minimum of 50% enrolment in units from the BA program until they have completed eight of these units (96 credit points)

Students may wish to

- develop a Minor (48 credit points) in one of the interdisciplinary professional areas
- develop a Minor (48 credit points) in a disciplinary study sequence or in another QUT course
- take a series of elective units

Students wishing to complete a full discipline studies sequence (6 units) will need to amend their core units program.

Students planning to complete a full Language sequence (6 units) will need to discuss their program with the relevant Course Coordinator in order to ensure that they begin their Language studies in first semester and that their language units can be continued into their third year.

Students wishing to complete the Workplace Internship will need to discuss their program with the relevant Course Coordinator in order to ensure that the Internship can be located in their third year.

NB: Students are required to complete 16 units in the BA component of the double degree. of these 12 must be BA units i.e. HHB coded units.

Interdisciplinary Professional Majors

For details, refer to the Bachelor of Arts (HH01) entry in the Humanities and Human Services section.

Discipline Sequences

For details, refer to the Bachelor of Arts (HH01) entry in the Humanities and Human Services section.

Minor Study Sequences

For details, refer to the Co-Majors list in the Bachelor of Arts (HH01) entry in the Humanities and Human Services section as these co-majors are able to be taken as Minors.

Example of Full-Time Course Structure for Continuing Students

Year 1, Semester 1
Arts Unit from List A
HHB116 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
HHB116 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 - Minor
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

Year 4, Semester 2
Arts General Elective Unit
Arts General Elective Unit
Science Unit selected from SC01 Level 3
Science Unit selected from SC01 Level 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 and 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

HHB111 Issues in International and Global Studies
Society and Change
HHB105 Interpreting Change
HHB104 Understanding Society: Intro. to Sociology
Ethics and Human Rights
HHB114 Introduction to Human Rights and Ethics
HHB115 Human Identity and Change
Community Studies
HHB106 Australian Society and Culture
HHB103 Contemporary Social and Community Issues

First Year Core: Skills Units
HHB116 Applied Skills and Scholarship
HHB117 Introduction to Social Research Methods

Second Year Core: Research Methods Units
HHB224 Qualitative Research Methods
HHB232 Survey Methods
HHB121 Interpreting the Past
HHB312 Geographical Research Design

Third Year Core: Internship
HHB330 Internship Program

■ Bachelor of Arts/Bachelor of Business (Accountancy, Banking and Finance, Economics or Marketing) (IF30)

Award title: Bachelor of Arts/Bachelor of Business (Study Area A)
CRICOS code: 027275F
Location: Gardens Point and Carseldine
Course duration (full-time): 4.5 years (9 semesters) full-time
Total credit points: 432 (192 cp in Arts and 240 cp in Business)
Standard credit points per semester (full-time): 48
Course coordinator: Dr John Synott (Humanities and Human Services); Mr Andrew Paltridge (Business)

Professional Membership

Depending on the choice of major, extended major or elective units, graduates may be eligible for membership of:

- 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, 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 Arts (Humanities) program and 240 credit points from the Bachelor of Business program. Students supplement the Arts component of this program with the 96 credit point faculty core units in the Bachelor of Business program together with a 72 point credit point major, and a further 72 credit points in which the student must complete one of the following: double major, extended major or specialisation. Business majors available are: Accountancy, Advertising, Banking and Finance, Economics, Human Resource Management, International Business, Management, Marketing and Public Relations.

BA Course Requirements - Continuing Students

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)
- 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. HHB coded units.

Years 3 and 4
Students are required to do a further 8 units to complete:

- One Major Study Sequence from those offered in the BA component and
- One Minor Study Sequence chosen from those offered in the BA component (i.e. HHB coded units) or from other Minor Study Sequences offered elsewhere within QUT.

NOTES: A minimum of 12 of the 16 units must be chosen from units in the BA.

BA Course Requirements - Commencing Students

BA Course Requirements (Years 1-4)

Students are required to complete:

- One Interdisciplinary Professional Major (1 core unit + 6 units in the major)

It is suggested that they complete the Core Units Program consisting of the following:

- Two core units in first semester (from a selection of core introductory and core skills units)

  (Note: one of the core introductory units will sit within the chosen Interdisciplinary Professional Major.
- Year 2: research methods unit. Students are advised to take at least two of these units.
- Year 3: Workplace Internship (24 credit points)

In making these decisions, students should consider the structure of the Discipline Studies Sequences and/or Minors they may be planning to undertake.

Students must maintain a minimum of 50% enrolment in units from the BA program until they have completed eight of these units (96 credit points).

Students may wish to:

- develop a Minor (48 credit points) in one of the interdisciplinary professional areas
- develop a Minor (48 credit points) in a disciplinary study sequence or in another QUT course
- take a series of elective units.

Students wishing to complete a full discipline studies sequence (6 units) will need to amend their core units program.

Students planning to complete a full Language sequence (6 units) will need to discuss their program with the relevant Course Coordinator in order to ensure that they begin their Language studies in first semester and that their language units can be continued into their third year.

Students wishing to complete the Workplace Internship will need to discuss their program with the relevant Course Coordinator in order to ensure that the Internship can be located in their third year.

NB: Students are required to complete 16 units in the BA component of the double degree. of these 12 must be BA units 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
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
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
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit

Course Structure - Economics

Year 1, Semester 1
BSB113 Economics
BSB122 Business Information Analis and Communication
Year 1, Semester 2
BSB115 Management, People and Organisations
EFB102 Economics 2
Year 2, Semester 1
BSB126 Marketing
EFB101 Data Analysis for Business
Year 2, Semester 2
BSB110 Accounting
BSB114 Government, Business and Society
Year 3, Semester 1
EFB202 Business Cycles and Economic Growth
EFB211 Firms, Markets and Resources
Year 3, Semester 2
EFB314 International Trade and Economic Competitiveness
Double Major/Extended Major/Specialisation Unit
Year 4, Semester 1
BSB119 International and Electronic Business
Double Major/Extended Major/Specialisation Unit
Year 4, Semester 2
EFB323 Financial and Monetary Economics
Double Major/Extended Major/Specialisation Unit
Year 5, Semester 1
BSB111 Business Law and Ethics
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit

Course Structure - Marketing

Year 1, Semester 1
BSB122 Business Information Analysis & 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
BSB110 Accounting
Double Major/Extended Major/Specialisation Unit
Year 4, Semester 1
AMB340 Services Marketing
Double Major/Extended Major/Specialisation Unit
Year 4, Semester 2
AMB341 Strategic Marketing
Double Major/Extended Major/Specialisation Unit
Year 5, Semester 1
BSB111 Business Law and Ethics
BSB114 Government, Business and Society
BSB115 Management, People and Organisations
Double Major/Extended Major/Specialisation Unit

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
HHB224 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 (Advertising, Human Resource Management, International Business, Management or Public Relations) (IF30)

Award title: Bachelor of Arts/Bachelor of Business (Study Area A)
CRICOS code: 037539D
Location: Gardens Point and Carseldine
Course duration (full-time): 4.5 years
Total credit points: 432 (192 cp in Arts and 240 cp in Business)
Standard credit points per semester (full-time): 48
Course coordinator: Mr Andrew Paltridge (Business); Dr John Synott (Humanities and 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.
- Management - Australian Institute of Management. Public Relations - Public Relations Institute of Australia.

Course Structure - International Business (with a language)

Year 1, Semester 1
BSB119 International & Electronic Business
Language 1
Year 1, Semester 2
BSB115 Management, People and Organisations
Language 2
Year 2, Semester 1
BSB113 Economics
Language 3
Year 2, Semester 2
IBB211 Globalisation and Business
Language 4
Year 3, Semester 1
BSB122 Business Information Analysis & Communication
Language 5
OR
IBB205 Cross-Cultural Communication and Negotiation
Year 3, Semester 2
IBB202 Business and the World Economy
Language 6
OR
International Business Elective Unit (IBB2xx, IBB3xx)
Year 4, Semester 1
BSB114 Government, Business and Society
Area Study 1
Year 4, Semester 2
BSB126 Marketing
Area Study 2
Year 5, Semester 1
BSB110 Accounting
BSB111 Business Law and Ethics
IBB210 Export Management
IBB300 International Business Strategy
Area Study Units
Students must complete one of the following pairs of area study units:
IBB217 Asian Business Development
IBB317 Contemporary Business in Asia
OR
IBB208 European Business Development
IBB308 Contemporary Business in Europe

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

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 - Human Resource Management

Year 1, Semester 1
BSB115 Management, People and Organisations
BSB122 Business Information Analysis & Communication
Year 1, Semester 2
BSB126 Marketing
MGB220 Management Research Methods
Year 2, Semester 1
BSB119 International & Electronic Business
BSB114 Government, Business and Society
Year 2, Semester 2
MGB207 Human Resource Issues and Strategy
MGB211 Organisational Behaviour
Year 3, Semester 1
BSB110 Accounting
MGB222 Managing Organisations
Year 3, Semester 2
MGB314 Organisational Consulting and Change
Double Major/Extended Major/Specialisation Unit
Year 4, Semester 1
BSB113 Economics
Double Major/Extended Major/Specialisation Unit
Year 4, Semester 2
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit
Year 5, Semester 1
BSB111 Business Law and Ethics
MGB309 Strategic Management
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit

Course Structure - Management

Year 1, Semester 1
BSB115 Management, People and Organisations
BSB122 Business Information Analysis & Communication
Year 1, Semester 2
BSB126 Marketing
MGB220 Management Research Methods
Year 2, Semester 1
BSB119 International & Electronic Business
BSB114 Government, Business and Society
Year 2, Semester 2
MGB222 Managing Organisations
MGB211 Organisational Behaviour
Year 3, Semester 1
BSB110 Accounting
MGB210 Production and Service Management
Year 3, Semester 2
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit
Year 4, Semester 1
BSB113 Economics
MGB334 Managing in a Changing Environment
Year 4, Semester 2
MGB309 Strategic Management
Double Major/Extended Major/Specialisation Unit
Year 5, Semester 1
BSB111 Business Law and Ethics
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit

Course Structure - Public Relations

Year 1, Semester 1
BSB122 Business Information Analysis & Communication
BSB126 Marketing
Year 1, Semester 2
AMB260 Public Relations Theory and Practice
BSB119 International & Electronic Business
Year 2, Semester 1
AMB201 Market and Audience Research
AMB261 Media Relations and Publicity
Year 2, Semester 2
AMB262 Public Relations Writing
Double Major/Extended Major/Specialisation Unit
Year 3, Semester 1
BSB115 Management, People and Organisations
Double Major/Extended Major/Specialisation Unit
Year 3, Semester 2
BSB110 Accounting
Double Major/Extended Major/Specialisation Unit
Year 4, Semester 1
AMB360 Corporate Communication Management
Double Major/Extended Major/Specialisation Unit
Year 4, Semester 2
AMB361 Public Relations Campaigns
Double Major/Extended Major/Specialisation Unit
Year 5, Semester 1
BSB111 Business Law and Ethics
BSB113 Economics
BSB114 Government, Business and Society
Double Major/Extended Major/Specialisation Unit

Course Structure - Advertising

Year 1, Semester 1
BSB122 Business Information Analysis & Communication
BSB126 Marketing
Year 1, Semester 2
AMB200 Consumer Behaviour
AMB220 Advertising Theory and Practice
Year 2, Semester 1
AMB222 Media Planning
BSB119 International & Electronic Business
Year 2, Semester 2
AMB221 Advertising Copywriting
Double Major/Extended Major/Specialisation Unit
Year 3, Semester 1
BSB115 Management, People and Organisations
Double Major/Extended Major/Specialisation Unit
Year 3, Semester 2
BSB114 Government, Business and Society
Double Major/Extended Major/Specialisation Unit
Year 4, Semester 1
AMB320 Advertising Management
Double Major/Extended Major/Specialisation Unit
Year 4, Semester 2
AMB321 Advertising Campaigns
Double Major/Extended Major/Specialisation Unit
Year 5, Semester 1
BSB110 Accounting
BSB111 Business Law and Ethics
BSB113 Economics
Double Major/Extended Major/Specialisation Unit

Course Structure - International Business (without a language)

Year 1, Semester 1
BSB113 Economics
BSB119 International & Electronic Business
Year 1, Semester 2
BSB115 Management, People and Organisations
BSB126 Marketing
Year 2, Semester 1
BSB122 Business Information Analysis & Communication
IBB211 Globalisation and Business
Year 2, Semester 2
BSB110 Accounting
IBB202 Business and the World Economy
Year 3, Semester 1

IBB210 Export Management
Area Study 1
Year 3, Semester 2
BSB114 Government, Business and Society
Area Study 2
Year 4, Semester 1
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit
Year 4, Semester 2
IBB300 International Business Strategy
Double Major/Extended Major/Specialisation Unit
Year 5, Semester 1
BSB111 Business Law and Ethics
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit

Area Study Units
Students must complete one of the following pairs of area study units:
IBB217 Asian Business Development
IBB317 Contemporary Business in Asia
OR
IBB208 European Business Development
IBB308 Contemporary Business in Europe

■ 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

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.

■ 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 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 the students course

AND
- One Minor Study Sequence from those offered in the BA component of their 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)
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
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

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

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
EAB442 Motor and Social Development in Early Childhood
EAB347 Early Childhood Curriculum: Early Mathematical Explorations
EDB422 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

SPB002 Psychology of Learning and Teaching
EAB348 Early Childhood Curriculum: Arts
EDB420 Early Childhood Professional Practice: Child Care
EAB413 Management of Early Childhood Services

Year 4, Semester 2

CLB306 Understanding Educational Practices
EAB444 Inclusive Practices in Early Childhood
EDB423 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 Iraphne 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 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 - 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 as any of these may be taken as Minors.

Example of BA Full-time Course Structure – 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)

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
HMB307 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 CLB413 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 Iraphne 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
Foundation Unit (prev. Faculty Foundation Unit) OR
HHB116 Applied Skills and Scholarship
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
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 - 2nd 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
HHB061 French 1
HHB063 French 3
HHB091 German 1
HHB093 German 3
HHB050 Mandarin for Chinese
HHB051 Introductory Mandarin 1
HHB052 Introductory Mandarin 2

Year 2 (Semester 1 and 2) and Year 3 (Semester 1)
List C - Electives
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

Curriculum Studies (List 1)

CLB325 English Curriculum Studies 1
CLB361 Geography Curriculum Studies 1
CLB363 History Curriculum Studies 1
CLB329 LOTE Curriculum Studies 1
CLB367 Social Science Curriculum Studies 1
CLB327 Film and Media Curriculum Studies 1

Curriculum Studies 2

List 2

CLB326 English Curriculum Studies 2
CLB362 Geography Curriculum Studies 2
CLB364 History Curriculum Studies 2
CLB330 LOTE Curriculum Studies 2
CLB368 Social Science Curriculum Studies 2
CLB328 Film and Media Curriculum Studies 2

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
MDB395 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 Arts/Bachelor of Laws (IF43)

Award title: Bachelor of Arts/Bachelor of Laws
CRICOS code: 027276E
Location: Gardens Point and Carseldine
Course duration (full-time): 5 years
Total credit points: 528
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Dr John Synott

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)
  (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)

Students must maintain a 50% enrolment in units from the BA program until they have completed 8 of these units (96 credit points).

Students may wish to

- develop a Minor (48 credit points) in one of the Interdisciplinary Professional areas
- develop a Minor (48 credit points) in a disciplinary study sequence or in another QUT course
- take a series of elective units

Students wishing to complete a full discipline studies sequence (6 units) will need to amend their core units program.

Students planning to complete a full language sequence (6 units) will need to discuss their program with the relevant Course Coordinator to ensure that their language studies begin in semester one and continue into their third year.

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

Change, Ethics and Human Rights, Community Studies), consisting of one core unit plus six from the appropriate list (making a total of 84 credit points). Students must complete at least one of these to fulfil the requirements of the degree.

NB: a unit may not be counted in more than one professional major, discipline sequence, or Minor.

Discipline Sequence - a set of six units (72 credit points) in a given discipline (Geography, History, Languages and Social Science). In Languages, this consists of six sequenced units in one Language. In other disciplines it must include one introductory unit to the discipline.
Minor Study Sequence - a study sequence of any four units (48 credit points) in a given subject area.

Interdisciplinary Professional Majors - Commencing Students

For details, refer to the Bachelor of Arts (HH01) entry in the Humanities and Human Services section.

Discipline Sequences

For details, refer to the Bachelor of Arts (HH01) entry in the Humanities and Human Services section.

Minor Sequences

For details, refer to the Co-majors section of the Bachelor of Arts (HH01) entry in the Humanities and Human Services section.

Course Structure - Example of Full-time Course Structure for Continuing Students

Year 1, Semester 1
Arts Unit from List A
Arts Unit from List B
HHB116 (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
HHB116 (prev. HUB000) or Elective Unit (General)
Arts Unit from List C

Year 2, Semester 1
Arts Unit from List C
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
HHB110 Introduction to International and Global Studies
HHB111 Issues in International and Global Studies
SOCIETY AND CHANGE
HHB105 Interpreting Change
HHB104 Understanding Society: Intro. to Sociology
ETHICS AND HUMAN RIGHTS
HHB114 Introduction to Human Rights and Ethics
HHB115 Human Identity and Change
Community Studies
HHB106 Australian Society and Culture
HHB103 Contemporary Social and Community Issues

First Year Core: Skills Units
HHB116 Applied Skills and Scholarship
HHB117 Introduction to Social Research Methods

Second Year Core: Research Methods
HHB224 Qualitative Research Methods
HHB232 Survey Methods
HHB121 Interpreting the Past

HHB312 Geographical Research Design
Third Year Core: Internship
HHB330 Internship Program

■ 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 schooling 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
CLB306 Understanding Educational Practices
EDB452 Secondary Professional Practice 3: The Inclusive Curriculum
CLB356 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
Introduction to Legal Research
LWB141 Legal Institutions and Method
LWB142 Law, Society and Justice
Year 1, Semester 2
AYB121 Financial Accounting
BSB119 International & Electronic Business
EFB101 Data Analysis for Business
LWB143 Legal Research and Writing
LWB144 Laws and Global Perspectives
Year 2, Semester 1
AYB220 Company Accounting
BSB115 Management, People and Organisations
EFB210 Finance 1
LWB136 Contracts A
LWB138 Fundamentals of Torts
Year 2, Semester 2
AYB221 Computerised Accounting Systems
AYB225 Management Accounting 1
EFB102 Economics 2
LWB137 Contracts B
LWB139 Select Issues in Torts

Year 3, Semester 1
AYB301 Auditing
BSB114 Government, Business and Society
BSB126 Marketing
LWB231 Introduction to Public Law
LWB238 Fundamentals of Criminal Law
Year 3, Semester 2
AYB311 Financial Accounting Theory
OR
AYB321 Management Accounting Theory
Plus:
LWB235 Australian Federal Constitutional Law
LWB239 Criminal Responsibility
LWB366 Law of Commercial Entities
Year 4, Semester 1
LWB236 Real Property A
LWB240 Principles of Equity
LWB332 Commercial and Personal Property Law
LWB333 Theories of Law
Year 4, Semester 2
LWB237 Real Property B
LWB241 Trusts
LWB331 Administrative Law
LWB334 Corporate Law
Year 5, Semester 1
LWB364 Introduction to Taxation Law
LWB431 Civil Procedure
LWB432 Evidence
LWB434 Advanced Research and Legal Reasoning
Year 5, Semester 2
LWB359 Advanced Taxation Law
LWB433 Professional Responsibility
Elective unit
Elective unit

■ Bachelor of Business (Accountancy, Banking and Finance, Economics or Marketing)/Bachelor of Health Science (Health Services Management) (IF47)

Award title: Bachelor of Business (Study Area A)/Bachelor of Health Science (Health Services Management)
CRICOS code: 027277D
Location: Gardens Point and Kelvin Grove
Course duration (full-time): 4 years
Total credit points: 432
Standard credit points per semester (full-time): 54 (average)
Course coordinator: Mr Andrew Paltridge (Business); Ms Melinda Service (Health)
Discipline coordinator: 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
Double Major/Extended Major/Specialisation Unit
Public Health Elective
Year 3, Semester 2
AYB221 Computerised Accounting Systems
AYB225 Management Accounting 1
LWS001 Medicine and the Law
PUB480 Health Administration Finance
Double Major/Extended Major/Specialisation Unit
Year 4, Semester 1
AYB301 Auditing
PUB511 Health Policy, Planning and Evaluation
PUB514 Contract/project Management
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit
Year 4, Semester 2
PUB418 Health Computer Systems
PUB609 Health Resource Allocation
PUB875 Professional Practice
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit

Course Structure - Banking & Finance/Health Services Management

Year 1, Semester 1
BSB113 Economics
BSB122 Business Information Analysis & 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
Double Major/Extended Major/Specialisation Unit
Year 3, Semester 1
BSB111 Business Law and Ethics

EFB210 Finance 1
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit
Public Health Elective

Year 3, Semester 2
BSB119 International and Electronic Business
LWS001 Medicine and the Law
PUB480 Health Administration Finance
Double Major/Extended Major/Specialisation Unit

Year 4, Semester 1
EFB210 Finance 1
EFB307 Finance 2
PUB511 Health Policy, Planning and Evaluation
PUB514 Contract/project Management
Double Major/Extended Major/Specialisation Unit

Year 4, Semester 2
EFB312 International Finance and Economics
Double Major/Extended Major/Specialisation Unit
PUB418 Health Computer Systems
PUB609 Health Resource Allocation
PUB875 Professional Practice

Course Structure - Economics/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
BSB114 Government, Business and Society
BSB126 Marketing
EFB101 Data Analysis for Business
PUB314 Epidemiology and Statistics

Year 2, Semester 2
BSB110 Accounting
MGB207 Human Resource Issues and Strategy
PUB117 Introduction to Consumer Studies
PUB380 Casemix Management
Double Major/Extended Major/Specialisation Unit

Year 3, Semester 1
BSB111 Business Law and Ethics
EFB202 Business Cycles and Economic Growth
EFB211 Firms, Markets and Resources
Double Major/Extended Major/Specialisation Unit
Public Health Elective

Year 3, Semester 2
LWS001 Medicine and the Law
PUB480 Health Administration Finance
EFB314 International Trade and Economic Competitiveness
EFB323 Financial and Monetary Economics
Double Major/Extended Major/Specialisation Unit

Year 4, Semester 1
BSB119 Marketing
PUB511 Health Policy, Planning and Evaluation
PUB514 Contract/project Management
Double Major/Extended Major/Specialisation Unit

Year 4, Semester 2
PUB418 Health Computer Systems
PUB609 Health Resource Allocation
PUB875 Professional Practice
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit

Course Structure - Marketing/Health Services Management

Year 1, Semester 1
BSB122 Business Information Analysis & Communication
BSB126 Marketing
PUB104 Introduction to Health Services Management
PUB233 Communication, Information and Education for Health

Year 1, Semester 2
AMB200 Consumer Behaviour
AMB240 Marketing Planning and Management
PUB251 Contemporary Public Health
Public Health Elective

Year 2, Semester 1
AMB201 Market and Audience Research
BSB114 Government, Business and Society
BSB119 International & Electronic Business
PUB314 Epidemiology and Statistics

Year 2, Semester 2
AMB241 E-Marketing Strategies
MGB207 Human Resource Issues and Strategy
PUB117 Introduction to Consumer Studies
PUB380 Casemix Management
Double Major/Extended Major/Specialisation Unit

Year 3, Semester 1
BSB111 Business Law and Ethics
BSB113 Economics
BSB115 Management, People and Organisations
Double Major/Extended Major/Specialisation Unit
Public Health Elective

Year 3, Semester 2
LWS001 Medicine and the Law
PUB480 Health Administration Finance
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit

Year 4, Semester 1
AMB340 Services Marketing
BSB110 Accounting
PUB511 Health Policy, Planning and Evaluation
PUB514 Contract/project Management
Elective

Year 4, Semester 2
AMB341 Strategic Marketing
PUB418 Health Computer Systems
PUB609 Health Resource Allocation
PUB875 Professional Practice
Double Major/Extended Major/Specialisation Unit

■ 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
BSB113 Economics
BSB114 Government, Business and Society
LWB136 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
LWB238 Fundamentals of Criminal Law
Approved Extended Major/Specialisation Unit
Year 3, Semester 2
AMB321 Advertising Campaigns
LWB139 Select Issues in Torts
LW239 Criminal Responsibility
Approved Extended Major/Specialisation Unit
Year 4, Semester 1
LWB231 Introduction to Public Law
LWB236 Real Property A
LWB240 Principles of Equity
LWB332 Commercial and Personal Property Law
LWB333 Theories of Law
Year 4, Semester 2
LWB235 Australian Federal Constitutional Law
LWB237 Real Property B
LWB241 Trusts
LWB331 Administrative Law
LWB334 Corporate Law
Year 5, Semester 1
LWB431 Civil Procedure
LWB432 Evidence
LWB434 Advanced Research and Legal Reasoning
Elective
Year 5, Semester 2
LWB433 Professional Responsibility
Elective Units
Elective Units
Elective Units

Extended Major Units in Advertising

AMB230 Internet Promotion
AMB231 Marketing Communications Regulations and Ethics
AMB330 Advertising Strategy and Planning
AMB331 Direct Marketing

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
Business extended major/specialisation unit
Year 3, Semester 1
MGB221 Performance and Reward
LWB138 Fundamentals of Torts
LWB232 Criminal Law and Procedure
Business extended major/specialisation unit
Year 3, Semester 2
MGB320 Recruitment and Selection
MGB331 Training and Development
LWB139 Select Issues in Torts
LWB232 Criminal Law and Procedure
Year 4, Semester 1
LWB231 Introduction to Public Law
LWB233 Real Property
LWB234 Equity and Trusts
LWB332 Commercial and Personal Property Law
LWB333 Theories of Law
Year 4, Semester 2
LWB233 Real Property
LWB234 Equity and Trusts
LWB235 Australian Federal Constitutional Law
LWB331 Administrative Law
LWB334 Corporate Law
Year 5, Semester 1
LWB431 Civil Procedure
LWB432 Evidence
LWB434 Advanced Research and Legal Reasoning
Law elective unit
Year 5, Semester 2
LWB433 Professional Responsibility
Law elective unit
Law elective unit
Law elective unit

Course Structure - International Business

Year 1, Semester 1
BSB110 Accounting
BSB115 Management, People and Organisations
BSB119 International & Electronic Business
Introduction to Legal Research
LWB141 Legal Institutions and Method
LWB142 Law, Society and Justice
Year 1, Semester 2
BSB113 Economics
BSB114 Government, Business and Society
BSB126 Marketing
LWB143 Legal Research and Writing
LWB144 Laws and Global Perspectives
Year 2, Semester 1
BSB122 Business Information Analysis & Communication
IBB210 Export Management
Area Study 1
LWB136 Contracts A
Year 2, Semester 2
IBB202 Business and the World Economy
IBB211 Globalisation and Business
Area Study 2
LWB137 Contracts B
Year 3, Semester 1
Approved Extended Major/Specialisation Unit
Approved Extended Major/Specialisation Unit

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
LWB231 Introduction to Public Law
LWB236 Real Property A
LWB240 Principles of Equity
LWB332 Commercial and Personal Property Law
LWB333 Theories of Law
Year 4, Semester 2
LWB235 Australian Federal Constitutional Law
LWB237 Real Property B
LWB241 Trusts
LWB331 Administrative Law
LWB334 Corporate Law
Year 5, Semester 1
LWB431 Civil Procedure
LWB432 Evidence
LWB434 Advanced Research and Legal Reasoning
Elective Unit
Year 5, Semester 2
LWB433 Professional Responsibility
Elective
Elective
Elective

Area Study Units for the International Business Major

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

Course Structure - Management

Year 1, Semester 1
BSB110 Accounting
BSB115 Management, People and Organisations
BSB122 Business Information Analysis & 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
MGB211 Organisational Behaviour
MGB222 Managing Organisations
LWB136 Contracts A
Year 2, Semester 2
BSB113 Economics
MGB334 Managing in a Changing Environment
LWB137 Contracts B
Approved Extended Major/Specialisation Unit
Year 3, Semester 1
MGB210 Production and Service Management
LWB138 Fundamentals of Torts
LWB238 Fundamentals of Criminal Law
Approved Extended Major/Specialisation Unit
Year 3, Semester 2
MGB309 Strategic Management
LWB139 Select Issues in Torts
LWB239 Criminal Responsibility
Approved Extended Major/Specialisation Unit
Year 4, Semester 1
LWB231 Introduction to Public Law
LWB236 Real Property A
LWB240 Principles of Equity
LWB332 Commercial and Personal Property Law
LWB333 Theories of Law
Year 4, Semester 2
LWB235 Australian Federal Constitutional Law
LWB237 Real Property B
LWB241 Trusts
LWB331 Administrative Law
LWB334 Corporate Law
Year 5, Semester 1
LWB431 Civil Procedure
LWB432 Evidence
LWB434 Advanced Research and Legal Reasoning
Elective
Year 5, Semester 2
LWB433 Professional Responsibility
Elective Units (36 cp)

Course Structure - Public Relations

Year 1, Semester 1
BSB115 Management, People and Organisations
BSB122 Business Information Analysis & Communication
BSB126 Marketing
Introduction to Legal Research
LWB141 Legal Institutions and Method
LWB142 Law, Society and Justice
Year 1, Semester 2
AMB260 Public Relations Theory and Practice
BSB114 Government, Business and Society
BSB119 International & Electronic Business
LWB143 Legal Research and Writing
LWB144 Laws and Global Perspectives
Year 2, Semester 1
AMB201 Market and Audience Research
AMB261 Media Relations and Publicity
BSB113 Economics
LWB136 Contracts A
Year 2, Semester 2
AMB262 Public Relations Writing
BSB110 Accounting
LWB137 Contracts B
Approved Extended Major/Specialisation Unit
Year 3, Semester 1
AMB360 Corporate Communication Management
LWB138 Fundamentals of Torts
LWB238 Fundamentals of Criminal Law
Approved Extended Major/Specialisation Unit
Year 3, Semester 2
AMB361 Public Relations Campaigns
LWB139 Select Issues in Torts
LWB239 Criminal Responsibility
Approved Extended Major/Specialisation Unit
Year 4, Semester 1
LWB231 Introduction to Public Law
LWB236 Real Property A
LWB240 Principles of Equity
LWB332 Commercial and Personal Property Law
LWB333 Theories of Law
Year 4, Semester 2
LWB235 Australian Federal Constitutional Law
LWB237 Real Property B
LWB241 Trusts
LWB331 Administrative Law
LWB334 Corporate Law
Year 5, Semester 1
LWB431 Civil Procedure
LWB432 Evidence
LWB434 Advanced Research and Legal Reasoning
Elective
Year 5, Semester 2
LWB433 Professional Responsibility
Elective Units
Elective Units
Elective Units

■ 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 Maconachie (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

Year 1, Semester 1
BSB115 Management, People and Organisations
BSB122 Business Information Analysis & Communication
PUB104 Introduction to Health Services Management
PUB233 Communication, Information and Education for Health
Year 1, Semester 2
BSB126 Marketing
MGB220 Management Research Methods
PUB251 Contemporary Public Health
Public Health Elective
Year 2, Semester 1
BSB110 Accounting
BSB113 Economics
BSB119 International & Electronic Business
PUB314 Epidemiology and Statistics
Year 2, Semester 2
MGB207 Human Resource Issues and Strategy
MGB211 Organisational Behaviour
PUB117 Introduction to Consumer Studies
PUB380 Casemix Management
Year 3, Semester 1
BSB114 Government, Business and Society
MGB222 Managing Organisations
Double Major/Extended Major/Specialisation Unit
Public Health Elective
Year 3, Semester 2
LWS001 Medicine and the Law
PUB480 Health Administration Finance
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit
Year 4, Semester 1
BSB111 Business Law and Ethics
MGB314 Organisational Consulting and Change
Double Major/Extended Major/Specialisation Unit
PUB511 Health Policy, Planning and Evaluation
PUB514 Contract/project Management
Year 4, Semester 2
MGB309 Strategic Management
Double Major/Extended Major/Specialisation Unit
PUB418 Health Computer Systems
PUB609 Health Resource Allocation
PUB875 Professional Practice

Course Structure - Management/Health Services Management

Year 1, Semester 1
BSB115 Management, People and Organisations
BSB122 Business Information Analysis & Communication
PUB104 Introduction to Health Services Management
PUB233 Communication, Information and Education for Health
Year 1, Semester 2
MGB207 Human Resource Issues and Strategy
MGB220 Management Research Methods
MGB222 Managing Organisations
PUB251 Contemporary Public Health
Public Health Elective
Year 2, Semester 1
BSB114 Government, Business and Society
MGB210 Production and Service Management
MGB211 Organisational Behaviour
PUB314 Epidemiology and Statistics
Year 2, Semester 2
BSB110 Accounting
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit
PUB117 Introduction to Consumer Studies
PUB380 Casemix Management
Year 3, Semester 1
BSB119 International & Electronic Business
BSB126 Marketing
MGB334 Managing in a Changing Environment
Public Health Elective
Year 3, Semester 2
MGB309 Strategic Management
Double Major/Extended Major/Specialisation Unit
LWS001 Medicine and the Law
PUB480 Health Administration Finance
Year 4, Semester 1
BSB111 Business Law and Ethics
BSB113 Economics
Double Major/Extended Major/Specialisation Unit
PUB511 Health Policy, Planning and Evaluation
PUB514 Contract/project Management
Year 4, Semester 2
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit
PUB418 Health Computer Systems
PUB609 Health Resource Allocation
PUB875 Professional Practice

Course Structure - Public Relations/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
AMB260 Public Relations Theory and Practice
BSB119 International & Electronic Business
PUB251 Contemporary Public Health

Public Health Elective

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 Casemix Management
Double Major/Extended Major/Specialisation Unit

Year 3, Semester 1
BSB111 Business Law and Ethics
BSB113 Economics
BSB114 Government, Business and Society
Double Major/Extended Major/Specialisation Unit
Public Health Elective

Year 3, Semester 2
LWS001 Medicine and the Law
PUB480 Health Administration Finance
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit

Year 4, Semester 1
AMB360 Corporate Communication Management
BSB110 Accounting
PUB511 Health Policy, Planning and Evaluation
PUB514 Contract/project Management
Double Major/Extended Major/Specialisation Unit

Year 4, Semester 2
AMB361 Public Relations Campaigns
PUB418 Health Computer Systems
PUB609 Health Resource Allocation
PUB875 Professional Practice
Double Major/Extended Major/Specialisation Unit

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
AMB200 Consumer Behaviour
AMB220 Advertising Theory and Practice
PUB251 Contemporary Public Health
Public Health Elective

Year 2, Semester 1
AMB222 Media Planning
BSB115 Management, People and Organisations
BSB119 International & Electronic Business
PUB314 Epidemiology and Statistics

Year 2, Semester 2
AMB221 Advertising Copywriting
MGB207 Human Resource Issues and Strategy
PUB117 Introduction to Consumer Studies
PUB380 Casemix Management
Double Major/Extended Major/Specialisation Unit

Year 3, Semester 1
BSB113 Economics
BSB114 Government, Business and Society
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit
Public Health Elective

Year 3, Semester 2
BSB110 Accounting
LWS001 Medicine and the Law
PUB480 Health Administration Finance
Double Major/Extended Major/Specialisation Unit

Year 4, Semester 1
AMB320 Advertising Management
BSB111 Business Law and Ethics
PUB511 Health Policy, Planning and Evaluation
PUB514 Contract/project Management
Double Major/Extended Major/Specialisation Unit

Year 4, Semester 2
AMB321 Advertising Campaigns
PUB418 Health Computer Systems
PUB609 Health Resource Allocation
PUB875 Professional Practice
Double Major/Extended Major/Specialisation Unit

Course Structure - International Business (without a Language)/Health Services Management

Year 1, Semester 1
BSB114 Government, Business and Society
BSB119 International & Electronic Business
PUB104 Introduction to Health Services Management
PUB233 Communication, Information and Education for Health

Year 1, Semester 2
BSB113 Economics
BSB115 Management, People and Organisations
PUB251 Contemporary Public Health
Public Health Elective

Year 2, Semester 1
BSB110 Accounting
BSB126 Marketing
IBB210 Export Management
PUB314 Epidemiology and Statistics

Year 2, Semester 2
IBB202 Business and the World Economy
IBB211 Globalisation and Business
PUB117 Introduction to Consumer Studies
PUB380 Casemix Management
MGB207 Human Resource Issues and Strategy

Year 3, Semester 1
BSB111 Business Law and Ethics
BSB122 Business Information Analysis & Communication
Area Study 1
Double Major/Extended Major/Specialisation Unit
Public Health Elective

Year 3, Semester 2
LWS001 Medicine and the Law
PUB480 Health Administration Finance
Area Study 2
Double Major/Extended Major/Specialisation Unit

Year 4, Semester 1
PUB511 Health Policy, Planning and Evaluation
PUB514 Contract/project Management
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit

Year 4, Semester 2
IBB300 International Business Strategy
PUB418 Health Computer Systems
PUB609 Health Resource Allocation
PUB875 Professional Practice
Double Major/Extended Major/Specialisation Unit

Area Study Units:
IBB217 Asian Business Development
IBB317 Contemporary Business in Asia
OR
IBB208 European Business Development
IBB308 Contemporary Business in Europe

Course Structure - International Business (with a Language)/Health Services Management

Year 1, Semester 1
BSB119 International & Electronic Business
PUB104 Introduction to Health Services Management
PUB233 Communication, Information and Education for Health
Language 1

Year 1, Semester 2
BSB115 Management, People and Organisations
PUB251 Contemporary Public Health
Public Health Elective
Language 2

Year 2, Semester 1
BSB113 Economics
BSB126 Marketing
PUB314 Epidemiology and Statistics
Language 3

Year 2, Semester 2
IBB202 Business and the World Economy
MGB207 Human Resource Issues and Strategy
PUB117 Introduction to Consumer Studies
PUB380 Casemix Management

Language 4

Year 3, 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)

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: 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).
- Marketing: Australian Marketing Institute, Market Research Society of Australia, Australian Institute of Management, Australasian Institute of Export and the American Marketing Association.

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

BSB113 Economics
BSB115 Management, People and Organisations
BSB122 Business Information Analysis and Communication
Introduction to Legal Research
LWB141 Legal Institutions and Method
LWB142 Law, Society and Justice

Year 1, Semester 2

BSB110 Accounting
BSB126 Marketing
EFB102 Economics 2
LWB143 Legal Research and Writing
LWB144 Laws and Global Perspectives

Year 2, Semester 1

BSB114 Government, Business and Society
EFB101 Data Analysis for Business
OR
Business extended major/specialisation unit
EFB210 Finance 1
LWB136 Contracts A

Year 2, Semester 2

BSB119 International and Electronic Business
EFB307 Finance 2
EFB312 International Finance and Economics
LWB137 Contracts B

Year 3, Semester 1

EFB201 Financial Markets
LWB138 Fundamentals of Torts
LWB238 Fundamentals of Criminal Law
Business extended major/specialisation unit

Year 3, Semester 2

EFB101 Data Analysis for Business
OR
Business extended major/specialisation unit
Business extended major/specialisation unit
LWB139 Select Issues in Torts
LWB239 Criminal Responsibility

Year 4, Semester 1

LWB231 Introduction to Public Law
LWB236 Real Property A
LWB240 Principles of Equity
LWB332 Commercial and Personal Property Law
LWB333 Theories of Law

Year 4, Semester 2

LWB235 Australian Federal Constitutional Law
LWB237 Real Property B
LWB241 Trusts
LWB331 Administrative Law
LWB334 Corporate Law

Year 5, Semester 1

LWB431 Civil Procedure
LWB432 Evidence
LWB434 Advanced Research and Legal Reasoning
Law elective unit

Year 5, Semester 2

LWB433 Professional Responsibility
Law elective units

Banking and Finance Extended Major

To satisfy academic requirements for Senior Associate Membership of the Australasian Institute of Banking and Finance (AAIBF (Snr)) students must complete, either:

AYB312 Financial Institutions Law
EFB310 Financial Institutions - Control
EFB311 Financial Institutions - Lending
OR
EFB308 Finance 3
EFB318 Portfolio and Security Analysis
Finance elective

Course Structure - Economics major

Year 1, Semester 1
BSB110 Accounting
BSB113 Economics
BSB115 Management, People and Organisations
Introduction to Legal Research
LWB141 Legal Institutions and Method
LWB142 Law, Society and Justice
Year 1, Semester 2
BSB122 Business Information Analysis and Communication
BSB126 Marketing
EFB102 Economics 2
LWB143 Legal Research and Writing
LWB144 Laws and Global Perspectives
Year 2, Semester 1
EFB101 Data Analysis for Business
EFB202 Business Cycles and Economic Growth
EFB211 Firms, Markets and Resources
LWB136 Contracts A
Year 2, Semester 2
BSB119 International and Electronic Business
EFB314 International Trade and Economic Competitiveness
EFB323 Financial and Monetary Economics
LWB137 Contracts B
Year 3, Semester 1
BSB114 Government, Business and Society
LWB138 Fundamentals of Torts
LWB238 Fundamentals of Criminal Law
Business extended major/specialisation unit
Year 3, Semester 2
LWB139 Select Issues in Torts
LWB239 Criminal Responsibility
Business extended major/specialisation unit
Business extended major/specialisation unit
Year 4, Semester 1
LWB231 Introduction to Public Law
LWB236 Real Property A
LWB240 Principles of Equity
LWB332 Commercial and Personal Property Law
LWB333 Theories of Law
Year 4, Semester 2
LWB235 Australian Federal Constitutional Law
LWB237 Real Property B
LWB241 Trusts
LWB331 Administrative Law
LWB334 Corporate Law
Year 5, Semester 1
LWB431 Civil Procedure
LWB432 Evidence
LWB434 Advanced Research and Legal Reasoning
Law elective unit
Year 5, Semester 2
LWB433 Professional Responsibility
Law elective units

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 1
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
BSB116 Marketing and International Business
Introduction to Legal Research
LWB141 Legal Institutions and Method
LWB142 Law, Society and Justice
Year 1, Semester 2
BSB112 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
Business extended major/specialisation unit
Year 3, Semester 1
MIB305 Market Research
LWB138 Fundamentals of Torts
LWB238 Fundamentals of Criminal Law
Business extended major/specialisation unit
Year 3, Semester 2
MIB315 Strategic Marketing
LWB139 Select Issues in Torts
LWB239 Criminal Responsibility
Business extended major/specialisation unit
Year 4, Semester 1
LWB231 Introduction to Public Law
LWB236 Real Property A
LWB240 Principles of Equity
LWB332 Commercial and Personal Property Law
LWB333 Theories of Law
Year 4, Semester 2
LWB235 Australian Federal Constitutional Law
LWB237 Real Property B
LWB331 Administrative Law
LWB239 Criminal Responsibility
LWB334 Corporate Law
Year 5, Semester 1
LWB431 Civil Procedure
LWB432 Evidence
LWB434 Advanced Research and Legal Reasoning
Law elective unit
Year 5, Semester 2
LWB433 Professional Responsibility
Law elective units

Marketing extended major

Students only need to complete three units to meet course requirements.
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
The following units are offered in odd numbered years:
MIB215 Marketing Logistics
MIB220 Organisational Markets (Business to Business Marketing)
MIB224 Technology and Marketing
MIB230 Sales Management

■ 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
ITB825 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
PUB418 Health Computer Systems
PUB609 Health Resource Allocation
PUB875 Professional Practice
Double Major Unit

Electronic Business Elective Unit List:
AMB230 Internet Promotion
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
AYB221 Computerised Accounting Systems
BSB114 Government, Business and Society
EFB210 Finance 1
Year 3, Semester 2
AYB225 Management Accounting 1
AYB311 Financial Accounting Theory
AYB325 Taxation Law
EFB102 Economics 2
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
AYB301 Auditing
AYB321 Management Accounting Theory
ITB240 Project (Information Systems)
IS Subject Area Elective Unit

Course Structure - Accountancy (for students not 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
BSB113 Economics
BSB122 Business Information Analysis & Communication
BSB126 Marketing
Year 2, Semester 1
AYB121 Financial Accounting
BSB115 Management, People and Organisations
EFB101 Data Analysis for Business
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
AYB220 Company Accounting
BSB114 Government, Business and Society
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit
Year 3, Semester 2
AYB221 Computerised Accounting Systems
AYB225 Management Accounting 1
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
AYB301 Auditing
ITB240 Project (Information Systems)
IS Subject Area Elective Unit
Double Major/Extended Major/Specialisation Unit

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 1, Semester 2
BSB114 Government, Business and Society
BSB115 Management, People and Organisations
BSB122 Business Information Analysis & Communication
BSB126 Marketing
Year 2, Semester 1
AMB200 Consumer Behaviour
AMB220 Advertising Theory and Practice
BSB113 Economics
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
AMB221 Advertising Copywriting
BSB110 Accounting
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit
Year 3, Semester 2
AMB222 Media Planning
AMB320 Advertising Management
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 Unit

Year 4, Semester 2

ITB228 Enterprise Systems
IS Subject Area Unit
IS Subject Area Unit
IS Subject Area Unit

Year 5, Semester 1

AMB321 Advertising Campaigns
ITB240 Project (Information Systems)
IS Subject Area Unit
Double Major/Extended Major/Specialisation Unit

Course Structure - Banking & Finance

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
IS Subject Area Unit

Year 4, Semester 2

ITB228 Enterprise Systems
IS Subject Area Unit
IS Subject Area Unit
IS Subject Area Unit

Year 5, Semester 1

ITB240 Project (Information Systems)
IS Subject Area Unit
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit

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
BSB126 Marketing
EFB101 Data Analysis for Business
EFB102 Economics 2

Year 2, Semester 2

ITB107 Programming Laboratory
ITB222 Business Systems Analysis
ITB229 Information Systems Specification
ITB510 Data Communications

Year 3, Semester 1

EFB202 Business Cycles and Economic Growth
EFB211 Firms, Markets and Resources
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit

Year 3, Semester 2

EFB314 International Trade and Economic Competitiveness
EFB323 Financial and Monetary Economics
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit

Year 4, Semester 1

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 - Electronic 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

BSB110 Accounting
BSB114 Government, Business and Society
BSB122 Business Information Analysis & Communication
BSB126 Marketing

Year 2, Semester 1

BSB113 Economics
BSB115 Management, People and Organisations
BSB212 Electronic Business Applications
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

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
IS Subject Area Elective
IS Subject Area Elective

Year 5, Semester 1

ITB240 Project (Information Systems)
IS Subject Area Elective
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

MGB216 Managing Technology, Innovation and Knowledge

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
MGB314 Organisational Consulting and Change
Double Major/Extended Major/Specialisation Unit

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
Area Study 2
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

Area Study Units:
IBB217 Asian Business Development
IBB317 Contemporary Business in Asia
OR
IBB208 European Business Development
IBB308 Contemporary Business in Europe

Course Structure - Management

Year 1, Semester 1
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

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
Double Major/Extended Major/Specialisation Unit
Year 3, Semester 2
AMB341 Strategic Marketing
BSB110 Accounting
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 Unit
Year 4, Semester 2
ITB228 Enterprise Systems
IS Subject Area Unit
IS Subject Area Unit
IS Subject Area Unit
Year 5, Semester 1
AMB340 Services Marketing
ITB240 Project (Information Systems)
IS Subject Area Unit
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
AMB262 Public Relations Writing
BSB113 Economics
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit
Year 3, Semester 2
AMB360 Corporate Communication Management
BSB110 Accounting
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit
Year 4, Semester 1
ITB219 Application Programming
ITB227 Web Applications
ITB232 Database Systems
IS Subject Area Unit
Year 4, Semester 2
ITB228 Enterprise Systems
IS Subject Area Unit
IS Subject Area Unit
IS Subject Area Unit
Year 5, Semester 1
AMB361 Public Relations Campaigns
ITB240 Project (Information Systems)
IS Subject Area Unit
Double Major/Extended Major/Specialisation Unit

■ Bachelor of Creative Industries (Communication Design)/Bachelor of Information Technology (IF90)

Award title: Bachelor of Creative Industries (Communication Design)/Bachelor of Information Technology
CRICOS code: 040317C
Location: Gardens Point and Kelvin Grove
Course duration (full-time): 4 years
Total credit points: 384
Standard credit points per semester (full-time): 48
Course coordinator: Debra Polson (Comm Design); Dr Jim Hogan (Info Tech)

Professional Recognition

Graduates of the Bachelor of Information Technology component meet the knowledge requirements for admission to the Australian Computer Society (ACS).

Course Structure

Year 1, Semester 1
KIB801 Foundations of Communication Design 1
KIB807 Media Technology 1
ITB410 Software Development 1
ITB412 Technology of Information Systems
Year 1, Semester 2
KIB802 Foundations of Communication Design 2
KIB808 Media Technology 2
ITB225 Introduction to Databases
ITB411 Software Development 2
Year 2, Semester 1
KIB814 Applications of Design Technology
KIB816 Interactive Writing
ITB107 Programming Laboratory
ITB510 Data Communications
Year 2, Semester 2
KIB803 Temporal Media
ITB220 Database Design
ITB421 Software Development 3
ITB537 Internet Applications
Year 3, Semester 1
KMB626 Music and Sound for Multimedia
KIB804 3-D Animation 1
KIB809 Interaction Design 1
ITB442 Foundations of Artificial Intelligence
Year 3, Semester 2
KIB810 Information Architecture
ITB441 Graphics
ITB424 Software Engineering Principles
ITB448 Object Technology
Year 4, Semester 1
KIB805 Design Project A
KIB860 Project
Communication Design Elective
Information Technology Elective
Year 4, Semester 2
KKB055 Professional Practice
KIB860 Project
Communication Design Elective
Information Technology Elective

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

KIB825 History of Animation
PYB057 Applied Cognitive Psychology
KMB619 Music and Sound Technology
KMB621 Sound Recording and Acoustics

■ 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
KDX143 Choreographic Studies 1
KDB114 Australian Dance
Select one of the following three units
KDB181 Dance Technique Studies 2
KDB172 World Dance
KDB176 Popular Dance Styles
Second Teaching Area unit (List C)
Year 2, Semester 1
Creative Industries Core Unit
KDB182 Dance Technique Studies 3
KDX144 Choreographic Studies 2
Choose one of the following two units
KDB171 Theatre Dance Styles
KDB053 Gender Issues in the Visual and Performing Arts
Second Teaching Area Units (List C)
Year 2, Semester 2
KDB114 Australian Dance
KDX145 Choreographic Studies 3
KDB183 Dance Technique Studies 4
Select 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

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
KTB251 Theatre History: 20th Century Stages
Choose one of the following two units
KDB172 World Dance
KDB176 Popular Dance Styles
Year 2, Semester 1
Creative Industries Core Unit
KDB125 Deconstructing Dance in History
KDB182 Dance Technique Studies 3
KDX144 Choreographic Studies 2
KTB214 Process Drama
Year 2, Semester 2
KDB106 The Analysis of Modern Dance
KDB183 Dance Technique Studies 4
KDX145 Choreographic Studies 3
KTB280 Drama as Social Action
KTB304 Forming Knowledge
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 Visual Arts

Year 1, Semester 1
KVB702 Australian and Indigenous Art
KDB180 Dance Technique Studies 1
KDX104 Architecture of the Body
Education Unit (See Faculty of Education Component)
Year 1, Semester 2
KVB701 Modernism
KDX143 Choreographic Studies 1
KDB114 Australian Dance
Select one of the following two units
KDB172 World Dance
KDB176 Popular Dance Styles
Year 2, Semester 1
Creative Industries Core Unit
KDB125 Deconstructing Dance in History
KDB182 Dance Technique Studies 3
KDX144 Choreographic Studies 2
Choose one of the following six units
KVB447 Drawing
KVB457 Sculpture
KVP503 Clay Materials
KVP507 Painting
KVP509 Photographic Media
KVP511 Printmaking
Year 2, Semester 2
KDB106 The Analysis of Modern Dance
KDX145 Choreographic Studies 3
KDB183 Dance Technique Studies 4
Choose two of the following 6 units
KVB447 Drawing
KVB457 Sculpture
KVP503 Clay Materials
KVP507 Painting
KVP509 Photographic Media
KVP511 Printmaking
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 Music

Year 1, Semester 1
KDB180 Dance Technique Studies 1
KDX104 Architecture of the Body
KMB638 Sound and Image
Education Unit (See Faculty of Education Component)
Year 1, Semester 2
KDX143 Choreographic Studies 1
KDB114 Australian Dance
KMB619 Music and Sound Technology
Choose one of the following two units
KDB172 World Dance

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 Musicianship 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 Musicianship 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
Up to 12 credit points from Introductory Level Units:
KCB140 Media and Society: From Printing Press to Internet
KWB716 Introduction to Literary and Cultural Studies
No less than 24 credit points from Advanced Level Units:
CLB322 Literature in Teaching
CLB323 Teaching Adolescent Literature
KWB625 American Stories
KWB710 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

EDB451 Secondary Professional Practice 2: Curriculum Decision Making
KDB421 Dance 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
KDB429 Dance Curriculum Studies 2
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 - Second Teaching Area

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
KVB412 Art Curriculum Studies 1

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
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.

■ Bachelor of Creative Industries (Drama)/Bachelor of Education (Secondary) (IF76)

Award title: Bachelor of Creative Industries (Drama)/Bachelor of Education
CRICOS code: 040315E
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: Dr Gordon Tait, Creative Industries: Ms Judith McLean

General

This four-year double degree qualifies students to teach Drama in schools in Australia and overseas. In the first two years students undertake units in Drama, blending practice with theoretical concepts strongly focused on developing artistic, organisational and communication skills. In addition to Drama, students study a second teaching area selected from Dance, Music, Visual Art, English, Film and Media Studies, Geography, History and Languages. In the second two years, students concentrate on teacher preparation, equipping students, through drama curriculum units, with the skills necessary to be effective drama educators.

Drama with STA other than Dance and Music

Year 1, Semester 1
Creative Industries Faculty 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
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

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 Dance

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
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
KDB106 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)
KDB117 Dance in Education
Elective - List B
KTB278 Technical Theatre

Drama with STA in Music

Year 1, Semester 1
Creative Industries Core Unit - List A
KTB257 Studies in Acting 1
KSB259 The Performance Instrument: Body and Voice
KMB619 Music and Sound Technology
Education Unit (See Faculty of Education Component)

Year 1, Semester 2
Creative Industries Core Unit - List A
KTB251 Theatre History: 20th Century Stages
KTB271 Studies in Directing
KTB273 Performance 1
KMB621 Sound Recording and Acoustics

Year 2, Semester 1
KTB214 Process Drama
KTB308 Performance 2
KMB638 Sound and Image

KMB619 Music and Sound Technology
Education Unit (See Faculty of Education Component)
Year 2, Semester 2
KTB272 Drama and Community Cultural Development
KTB280 Drama as Social Action
KTB304 Forming Knowledge
KMB621 Sound Recording and Acoustics
Year 3, Semester 1
KTB253 Theatre History: Staging Australia
KTB278 Technical Theatre
Education Unit (See Faculty of Education Component)
Education Unit (See Faculty of Education Component)
KMB623 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
KTB308 Performance 2
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
KTB304 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
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
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
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
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

(48 credit points) Required Unit:
CLB320 Studies in Language
Up to 12 credit points from Introductory Level Units:
KCB140 Media and Society: From Printing Press to Internet
KWB716 Introduction to Literary and Cultural Studies
No less than 24 credit points from Advanced Level Units:
CLB322 Literature in Teaching
CLB323 Teaching Adolescent Literature
KWB625 American Stories
KWB710 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
EDB451 Secondary Professional Practice 2: Curriculum Decision Making
KTB414 Drama 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
KTB415 Drama Curriculum Studies 2
Curriculum Studies 2 (Second Teaching Area)

Year 4, Semester 2
EDB452 Secondary Professional Practice 3: The Inclusive Curriculum
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 - 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.

■ 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:

- Advertising - Advertising Federation of Australia, Australian Association of National Advertisers, Australian Direct Marketing Association.
- 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
Creative Industries Core Unit

Year 1, Semester 2
AMB200 Consumer Behaviour
AMB220 Advertising Theory and Practice
KPB147 Film and Television Genres
Creative Industries Core Unit

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
Double Major/Extended Major/Specialisation Unit

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
KCB295 Virtual Cultures

Year 3, 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
BSB111 Business Law and Ethics
AMB320 Advertising Management
KPB343 Australian Film
Creative Industries Elective
Double Major/Extended Major/Specialisation Unit

Year 4, Semester 2
AMB321 Advertising Campaigns
Creative Industries Elective
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit
One of the following:
KPB307 Feminist Screen Studies
KPB311 Asian Film and Media
KPB344 International Cinema

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
Creative Industries Core Unit

Year 1, Semester 2
AMB200 Consumer Behaviour
AMB220 Advertising Theory and Practice
KPB147 Film and Television Genres
Creative Industries Core Unit

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
Double Major/Extended Major/Specialisation Unit

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
KCB295 Virtual Cultures

Year 3, Semester 2
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
AMB320 Advertising Management
BSB111 Business Law and Ethics
KPB343 Australian Film
Double Major/Extended Major/Specialisation Unit

Year 4, Semester 2
AMB321 Advertising 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
BSB113 Economics
Creative Industries Elective
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
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
BSB110 Accounting
BSB126 Marketing
KPB130 Media Text Analysis
KPB141 Film and Television Language

Year 2, Semester 2
IBB202 Business and the World Economy
IBB211 Globalisation and Business
KCB204 Globalisation and New Media
KCB336 New Media Technologies

Year 3, Semester 1
IBB210 Export Management
KCB349 Media Audiences
Area Study 1
Double Major/Extended Major/Specialisation Unit
One of the following:
KPB209 Australian Television
KPB233 Television Cultures
KCB295 Virtual Cultures

Year 3, Semester 2
BSB122 Business Information Analysis & Communication
Area Study 2
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
BSB111 Business Law and Ethics
KPB343 Australian Film
Creative Industries Elective*
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit

Year 4, Semester 2
IBB300 International Business Strategy
Creative industries Elective*
Double Major/Extended Major/Specialisation Unit
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
BSB110 Accounting
BSB126 Marketing
KPB130 Media Text Analysis
KPB141 Film and Television Language

Year 2, Semester 2
IBB202 Business and the World Economy
IBB211 Globalisation and Business
KCB204 Globalisation and New Media
KCB336 New Media Technologies

Year 3, Semester 1
IBB210 Export Management
KCB349 Media Audiences
Area Study 1
One of the following:
KPB209 Australian Television
KPB233 Television Cultures
KCB295 Virtual Cultures

Year 3, Semester 2
BSB122 Business Information Analysis & Communication
Area Study 2
Creative Industries Core 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
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit

Year 4, Semester 2
IBB300 International Business Strategy
Creative industries Elective*
Double Major/Extended Major/Specialisation Unit
One of the following:
KPB307 Feminist Screen Studies
KPB311 Asian Film and Media
KPB344 International Cinema

Year 5, Semester 1
Students must complete one of the following pairs of area study units:
IBB217 Asian Business Development
IBB317 Contemporary Business in Asia
OR
IBB208 European Business Development
IBB308 Contemporary Business in Europe

Course Structure - International Business (With 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:
KPB209 Australian Television
KPB233 Television Cultures
KCB295 Virtual Cultures

Year 3, Semester 2
BSB110 Accounting
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
BSB115 Management, People and Organisations
IBB210 Export Management
Area Study 1
KPB343 Australian Film
Creative Industries Elective

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

KCB336 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
One of the following:
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
AMB201 Market and Audience Research
AMB261 Media Relations and Publicity
KPB130 Media Text Analysis
KPB141 Film and Television Language
Year 2, Semester 2
AMB262 Public Relations Writing
KCB204 Globalisation and New Media
KCB336 New Media Technologies
Double Major/Extended Major/Specialisation Unit
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
KCB295 Virtual Cultures
Year 3, 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
Year 4, Semester 2
AMB361 Public Relations Campaigns
Creative Industries Elective
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit
One of the following:
KPB307 Feminist Screen Studies
KPB311 Asian Film and Media
KPB344 International Cinema

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
AMB201 Market and Audience Research
AMB261 Media Relations and Publicity
KPB130 Media Text Analysis
KPB141 Film and Television Language
Year 2, Semester 2
AMB262 Public Relations Writing
KCB204 Globalisation and New Media
KCB336 New Media Technologies
Double Major/Extended Major/Specialisation Unit
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
KCB295 Virtual Cultures
Year 3, Semester 2
BSB113 Economics
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
Double Major/Extended Major/Specialisation Unit
Year 4, Semester 2
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
KCB140 Media and Society: From Printing Press to Internet
KPB130 Media Text Analysis
Introduction to Legal Research
LWB141 Legal Institutions and Method
LWB142 Law, Society and Justice
Semester 2, Year 1
KPB147 Film and Television Genres
KCB336 New Media Technologies
Creative Industries Core Unit - See List A
LWB143 Legal Research and Writing
LWB144 Laws and Global Perspectives
Semester 1, Year 2
KPB141 Film and Television Language
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
Creative Industries Core Unit - See List A
KJB275 Media Legal Issues
LWB137 Contracts B
One of the following:
KPB305 American Film
KPB358 Documentary Theory and Practice
KCB204 Globalisation and New Media
Semester 1, Year 3
Creative Industries Core Unit
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
Elective Unit
Semester 2, Year 5
LWB433 Professional Responsibility
Elective Units

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

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
KTB280 Drama as Social Action

Year 3, Semester 1

Education Unit (See Faculty of Education Component)
Education Unit (See Faculty of Education Component)
KTB278 Technical Theatre
Visual Arts Elective - See 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
STA Language Studies

Year 1, Semester 2

KVB741 Studio Art Practice 2
Creative Industries Core Unit - See List A
Education Unit (See Faculty of Education Component)
STA Language Studies

Year 2, Semester 1

KVB742 Studio Art Practice 3
Creative Industries Core Unit - List A
Education Unit (See Faculty of Education component)
STA Language Studies

Year 2, Semester 2

KKB056
KVB701 Modernism
STA Language studies
Visual Arts Elective - List B
STA Language studies

Year 3, Semester 1

Education Unit (See Faculty of Education Component)
Education Unit (See Faculty of Education Component)
Visual Arts Elective - List B
Visual Arts Elective - See 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
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 - 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)
CRICOS code: 020329J
Location: Gardens Point
Course duration (full-time): 5 years
Total credit points: 480
Standard credit points per semester (full-time): 48

Course coordinator: Mathematics: A/Prof Helen MacGillivray/Electrical: Dr Mohamed Deriche

Professional Recognition

This degree meets the requirements for membership of the Institution of Engineers, Australia, and the coursework requirements for accredited graduate membership of the Australian Mathematical Society (GAustMS). You may also become a member of the Statistical Society of Australia.

Minors

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

Special Course Requirements

A candidate for the degree of Bachelor of Engineering (Electrical and Computer Engineering)/Bachelor of Applied Science (Mathematics) must obtain at least 60 days of industrial experience in an engineering environment approved by the course coordinator.

Course Structure

For Students with four semesters of Senior Mathematics B and Senior Mathematics C (or equivalent), with an exit assessment of at least Sound Achievement in both subjects

Year 1, Semester 1
EEB112 Electrical and Computer Engineering 1
MAB111 Mathematical Sciences 1B
MAB112 Mathematical Sciences 1C
PCB136 Engineering Physics 1C

Year 1, Semester 2
BNB007 Professional Studies 1
EEB212 Electrical and Computer Engineering 2
MAB210 Statistical Modelling 1
MAB220 Computational Mathematics 1

Year 2, Semester 1
EEB312 Analog and Digital Electronics
EEB340 Introduction to Telecommunications
MAB101 Statistical Data Analysis 1
MAB312 Linear Algebra

Year 2, Semester 2
EEB412 Advanced Electronics and Embedded Systems
EEB440 Classical Signal Processing
MAB413 Differential Equations
MAB420 Computational Mathematics 2

Year 3, Semester 1
EEB311 Electrical Measurement and Machines
EEB560 Digital Communications
MAB311 Advanced Calculus
MAB314 Statistical Modelling 2

Year 3, Semester 2
EEB411 Classical Control and Power Generation
EEB640 Digital Signal Processing
MAB414 Applied Statistics 2
MAB422 Mathematical Modelling

Year 4, Semester 1
EEB511 Modern Control and Power Electronics
EEB584 Introduction to Design
Computing elective
Mathematics elective (Level 3)

Year 4, Semester 2
EEB684 Advanced Design
Electrical Engineering elective
Electrical Engineering elective
Mathematics elective (Level 3)

Year 5, Semester 1
EEB889/1 Project
Electrical Engineering elective
Electrical Engineering elective
Mathematics elective (Level 3)

Year 5, Semester 2
EEB889/2 Project
Electrical Engineering elective
Electrical Engineering elective
Mathematics elective (Level 3)

For students with four semesters of Senior Mathematics B (or equivalent) only, with an exit assessment of at least Sound Achievement

Year 1, Semester 1
EEB112 Electrical and Computer Engineering 1
MAB100 Mathematical Sciences 1A
MAB101 Statistical Data Analysis 1
PCB136 Engineering Physics 1C

Year 1, Semester 2
BNB007 Professional Studies 1
EEB212 Electrical and Computer Engineering 2
MAB111 Mathematical Sciences 1B
MAB112 Mathematical Sciences 1C

Year 2, Semester 1
EEB312 Analog and Digital Electronics
EEB340 Introduction to Telecommunications
MAB220 Computational Mathematics 1
MAB312 Linear Algebra

Year 2, Semester 2
EEB412 Advanced Electronics and Embedded Systems
EEB440 Classical Signal Processing
MAB210 Statistical Modelling 1
MAB413 Differential Equations

Year 3, Semester 1
EEB311 Electrical Measurement and Machines
EEB560 Digital Communications
MAB311 Advanced Calculus
MAB314 Statistical Modelling 2

Year 3, Semester 2
EEB411 Classical Control and Power Generation
EEB640 Digital Signal Processing
MAB414 Applied Statistics 2
MAB420 Computational Mathematics 2

Year 4, Semester 1
EEB511 Modern Control and Power Electronics
EEB584 Introduction to Design
Computing elective
Mathematics elective (Level 3)

Year 4, Semester 2
EEB684 Advanced Design
Electrical Engineering elective
Electrical Engineering elective
Mathematics elective (Level 3)

Year 5, Semester 1
EEB889/1 Project
Electrical Engineering elective
Electrical Engineering elective
Mathematics elective (Level 3)

Year 5, Semester 2
EEB889/2 Project
Electrical Engineering elective
Electrical Engineering elective
Mathematics elective (Level 3)

Electrical Engineering Electives

EEB904 Advanced Topics in Electrical Engineering A
EEB905 Advanced Topics in Electrical Engineering B
EEB911 Electrical Energy Systems
EEB941 Modern Signal Processing
EEB960 Wireless Communications
EEB961 RF and Applied Electromagnetics
EEB976 Advanced Industrial Electronics
EEB992 VLSI Circuits and Systems

At the discretion of the course coordinator, students may be allowed to select an elective from advanced topics offered by the University. Additionally, potential honours students may, with the approval of the course coordinator, select an elective from the postgraduate degree courses offered by the School of Electrical and Electronic Systems Engineering.

Mathematics Electives (Level 3)

MAB521 Applied Mathematics 3
MAB522 Computational Mathematics 3
MAB523 Introduction to Quality Management
MAB524 Statistical Inference
MAB526 Statistical Science 3

MAB613 Partial Differential Equations
MAB621 Discrete Mathematics
MAB624 Applied Statistics 3
MAB672 Advanced Mathematical Modelling

Note: Some deviations from the above course structure may be possible with the permission of the course coordinator. This is more likely to apply in the later years than the earlier years of the course.

■ Bachelor of Engineering (Electrical and Computer Engineering)/Bachelor of Business (IF28)

Award title: Electrical and Computer Engineering)/Bachelor of Business (Study Area A)
CRICOS code: 027278C
Location: Gardens Point
Course duration (full-time): 5 years
Total credit points: 480
Standard credit points per semester (full-time): 48 (average)
Course coordinator: 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 (AIBF), 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 1
MAB180 Engineering Mathematics 1
OR
MAB131 Engineering Mathematics 1A
BSB110 Accounting
BSB113 Economics
*MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Mathematics C

Year 1, Semester 2
EEB212 Electrical and Computer Engineering 2
MAB132 Engineering Mathematics 1B
AYB121 Financial Accounting
BSB111 Business Law and Ethics
Year 2, Semester 1
EEB340 Introduction to Telecommunications
MAB134 Electrical Engineering Mathematics 3
PCB136 Engineering Physics 1C
EFB101 Data Analysis for Business
Year 2, Semester 2
EEB440 Classical Signal Processing
MAB135 Electrical Engineering Mathematics 4
BSB115 Management, People and Organisations
BSB119 International & Electronic Business
Year 3, Semester 1
EEB311 Electrical Measurement and Machines
EEB312 Analog and Digital Electronics
BSB126 Marketing
Double Major/Extended Major/Specialisation Unit
Year 3, Semester 2
EEB411 Classical Control and Power 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
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 1A
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
EEB311 Electrical Measurement and Machines
EEB312 Analog and Digital Electronics
BSB113 Economics
Double Major/Extended Major/Specialisation Unit
Year 3, Semester 2
BSB114 Government, Business and Society

EEB411 Classical Control and Power Generation
EEB412 Advanced Electronics and Embedded Systems
Double Major/Extended Major/Specialisation Unit

Year 4, Semester 1
AMB320 Advertising Management
EEB584 Introduction to Design
Electrical & Computer Engineering elective unit
Double Major/Extended Major/Specialisation Unit

Year 4, Semester 2
AMB321 Advertising Campaigns
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 - 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
BSB114 Government, Business and Society
EFB102 Economics 2

Year 2, Semester 1
EEB340 Introduction to Telecommunications
MAB134 Electrical Engineering Mathematics 3
PCB136 Engineering Physics 1C
BSB122 Business Information Analysis and Communication

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
EFB210 Finance 1

Year 3, Semester 2
EEB411 Classical Control and Power Generation
EEB412 Advanced Electronics and Embedded Systems
BSB111 Business Law and Ethics
EFB307 Finance 2

Year 4, Semester 1
EEB584 Introduction to Design
Electrical & Computer Engineering elective unit
EFB201 Financial Markets
Double Major/Extended Major/Specialisation Unit

Year 4, Semester 2
EEB684 Advanced Design
Electrical & Computer Engineering elective unit
EFB312 International Finance and Economics
Double Major/Extended Major/Specialisation Unit

Year 5, Semester 1
EEB889/1 Project
Electrical & Computer Engineering elective unit
Double Major/Extended Major/Specialisation Unit
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 - 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 Electrical Engineering Mathematics 3
PCB136 Engineering Physics 1C
EFB202 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
EFB211 Firms, Markets and Resources

Year 3, Semester 2
EEB411 Classical Control and Power Generation
EEB412 Advanced Electronics and Embedded Systems
BSB114 Government, Business and Society
EFB314 International Trade and Economic Competitiveness

Year 4, Semester 1
EEB584 Introduction to Design
Electrical & Computer Engineering elective unit
BSB111 Business Law and Ethics
Double Major/Extended Major/Specialisation Unit

Year 4, Semester 2
EEB684 Advanced Design
Electrical & Computer Engineering elective unit
EFB323 Financial and Monetary Economics
Double Major/Extended Major/Specialisation Unit

Year 5, Semester 1
EEB889/1 Project
Electrical & Computer Engineering elective unit
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit

Year 5, Semester 2
EEB889/2 Project
Electrical & Computer Engineering elective unit
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit

Course Structure - Electronic Business

Note: The Electronic Business Major 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

BSB113 Economics
Year 2, 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
EEB312 Analog and Digital Electronics
BSB111 Business Law and Ethics
BSB212 Electronic Business Applications
Year 3, Semester 2
EEB411 Classical Control and Power Generation
EEB412 Advanced Electronics and Embedded Systems
BSB213 Legal Issues in Electronic Business
Double Major Unit
Year 4, Semester 1
EEB584 Introduction to Design
MGB334 Managing in a Changing Environment
Electrical & Computer Engineering elective unit
Electronic Business Elective
Year 4, Semester 2
EEB684 Advanced Design
BSB313 Business Strategy and Technology
Electrical & Computer Engineering elective unit
Double Major Unit
Year 5, Semester 1
EEB889/1 Project
Electrical & Computer Engineering elective unit
Double Major Unit
Double Major Unit
Year 5, Semester 2
EEB889/2 Project
Electrical & Computer Engineering elective unit
Double Major Unit
Double Major Unit

Electronic Business Elective Unit List:

AMB230 Internet Promotion
AMB241 E-Marketing Strategies
AYB221 Computerised Accounting Systems
IBB223 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

Course Structure - Human Resource Management

Year 1, Semester 1
EEB112 Electrical and Computer Engineering 1
MAB180 Engineering Mathematics 1
OR
MAB131 Engineering Mathematics 1A
BSB115 Management, People and Organisations
BSB122 Business Information Analysis and Communication
*MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Mathematics C
Year 1, Semester 2
EEB212 Electrical and Computer Engineering 2
MAB132 Engineering Mathematics 1B
BSB126 Marketing
MGB220 Management Research Methods
Year 2, Semester 1
EEB340 Introduction to Telecommunications
MAB134 Electrical Engineering Mathematics 3
PCB136 Engineering Physics 1C
BSB110 Accounting
Year 2, Semester 2
EEB440 Classical Signal Processing
MAB135 Electrical Engineering Mathematics 4
MGB207 Human Resource Issues and Strategy
MGB211 Organisational Behaviour
Year 3, Semester 1
EEB311 Electrical Measurement and Machines
EEB312 Analog and Digital Electronics
BSB113 Economics
BSB114 Government, Business and Society
Year 3, Semester 2
EEB411 Classical Control and Power Generation
EEB412 Advanced Electronics and Embedded Systems
BSB111 Business Law and Ethics
MGB222 Managing Organisations
Year 4, Semester 1
EEB584 Introduction to Design
Electrical & Computer Engineering elective unit
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit
Year 4, Semester 2
EEB684 Advanced Design
Electrical & Computer Engineering elective unit
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit
Year 5, Semester 1
EEB889/1 Project
Electrical & Computer Engineering elective unit
MGB314 Organisational Consulting and Change
Double Major/Extended Major/Specialisation Unit
Year 5, Semester 2
EEB889/2 Project
Electrical & Computer Engineering elective unit
MGB309 Strategic Management
Double Major/Extended Major/Specialisation Unit

Course Structure - International Business - No Language

Year 1, Semester 1
EEB112 Electrical and Computer Engineering 1
MAB180 Engineering Mathematics 1
OR
MAB131 Engineering Mathematics 1A
BSB113 Economics
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
BSB126 Marketing
BSB115 Management, People and Organisations
Year 2, Semester 1
EEB340 Introduction to Telecommunications
MAB134 Electrical Engineering Mathematics 3
PCB136 Engineering Physics 1C
BSB114 Government, Business and Society
Year 2, Semester 2
EEB440 Classical Signal Processing
MAB135 Electrical Engineering Mathematics 4
IBB202 Business and the World Economy
IBB211 Globalisation and Business
Year 3, Semester 1
EEB311 Electrical Measurement and Machines
EEB312 Analog and Digital Electronics
BSB110 Accounting
IBB210 Export Management
Year 3, Semester 2
EEB411 Classical Control and Power Generation
EEB412 Advanced Electronics and Embedded Systems
BSB111 Business Law and Ethics
Double Major/Extended Major/Specialisation Unit
Year 4, Semester 1
EEB584 Introduction to Design
Electrical & Computer Engineering elective unit
Area Study 1
Double Major/Extended Major/Specialisation Unit
Year 4, Semester 2
EEB684 Advanced Design
Electrical & Computer Engineering elective unit
Area Study 2
Double Major/Extended Major/Specialisation Unit
Year 5, Semester 1
EEB889/1 Project
Electrical & Computer Engineering elective unit
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit

Year 5, Semester 2
EEB889/2 Project
IBB300 International Business Strategy
Electrical & Computer Engineering elective unit
Double Major/Extended Major/Specialisation Unit

Area Study Units:
Students must complete one of the following pairs of area study units:
IBB217 Asian Business Development
IBB317 Contemporary Business in Asia
OR
IBB208 European Business Development
IBB308 Contemporary Business in Europe

Course Structure - International Business - with a Language Specialisation

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
Language 1
Year 1, Semester 2
EEB212 Electrical and Computer Engineering 2
MAB132 Engineering Mathematics 1B
BSB115 Management, People and Organisations
Language 2
Year 2, Semester 1
EEB340 Introduction to Telecommunications
MAB134 Electrical Engineering Mathematics 3
PCB136 Engineering Physics 1C
Language 3
Year 2, Semester 2
EEB440 Classical Signal Processing
MAB135 Electrical Engineering Mathematics 4
BSB126 Marketing
Language 4
Year 3, Semester 1
EEB311 Electrical Measurement and Machines
EEB312 Analog and Digital Electronics
BSB110 Accounting
Language 5
OR
IBB205 Cross-Cultural Communication and Negotiation
Year 3, Semester 2
EEB411 Classical Control and Power Generation
EEB412 Advanced Electronics and Embedded Systems
BSB113 Economics
Language 6
OR
International Business Elective Unit (IBB2xx, IBB3xx)
Year 4, Semester 1
EEB584 Introduction to Design
Electrical & Computer Engineering elective unit
BSB114 Government, Business and Society
Area Study 1
Year 4, Semester 2
EEB684 Advanced Design
Electrical & Computer Engineering elective unit
IBB202 Business and the World Economy
Double Major/Extended Major/Specialisation Unit
Year 5, Semester 1
EEB889/1 Project
Electrical & Computer Engineering elective unit
BSB111 Business Law and Ethics
IBB210 Export Management
Year 5, Semester 2
EEB889/2 Project
Electrical & Computer Engineering elective unit
IBB211 Globalisation and Business
IBB300 International Business Strategy

Area Study Units:
Students must complete one of the following pairs of area study units:
IBB217 Asian Business Development
IBB317 Contemporary Business in Asia
OR
IBB208 European Business Development
IBB308 Contemporary Business in Europe

List of Languages:
French
Indonesian
Japanese
German

Course Structure - Management

Year 1, Semester 1
EEB112 Electrical and Computer Engineering 1
MAB180 Engineering Mathematics 1
OR
MAB131 Engineering Mathematics 1A
BSB115 Management, People and Organisations
BSB122 Business Information Analysis and Communication
*MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Year 12 Mathematics C
Year 1, Semester 2
EEB212 Electrical and Computer Engineering 2
MAB132 Engineering Mathematics 1B
BSB126 Marketing
MGB220 Management Research Methods
Year 2, Semester 1
EEB340 Introduction to Telecommunications
MAB134 Electrical Engineering Mathematics 3
PCB136 Engineering Physics 1C
BSB110 Accounting
Year 2, Semester 2
EEB440 Classical Signal Processing
MAB135 Electrical Engineering Mathematics 4
MGB222 Managing Organisations
MGB211 Organisational Behaviour
Year 3, Semester 1
EEB311 Electrical Measurement and Machines
EEB312 Analog and Digital Electronics
BSB113 Economics
BSB114 Government, Business and Society
Year 3, Semester 2
EEB411 Classical Control and Power Generation
EEB412 Advanced Electronics and Embedded Systems
BSB111 Business Law and Ethics
Double Major/Extended Major/Specialisation Unit
Year 4, Semester 1
EEB584 Introduction to Design
Electrical & Computer Engineering elective unit
MGB210 Production and Service Management
Double Major/Extended Major/Specialisation Unit
Year 4, Semester 2
EEB684 Advanced Design
Electrical & Computer Engineering elective unit
MGB334 Managing in a Changing Environment
Double Major/Extended Major/Specialisation Unit
Year 5, Semester 1
EEB889/1 Project
Electrical & Computer Engineering elective unit
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit
Year 5, Semester 2
EEB889/2 Project
Electrical & Computer Engineering elective unit
MGB309 Strategic Management
Double Major/Extended Major/Specialisation Unit

Course Structure - Marketing

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
AMB200 Consumer Behaviour

AMB240 Marketing Planning and Management
EEB212 Electrical and Computer Engineering 2
MAB132 Engineering Mathematics 1B
Year 2, Semester 1
AMB201 Market and Audience Research
EEB340 Introduction to Telecommunications
MAB134 Electrical Engineering Mathematics 3
PCB136 Engineering Physics 1C
Year 2, Semester 2
AMB241 E-Marketing Strategies
BSB115 Management, People and Organisations
EEB440 Classical Signal Processing
MAB135 Electrical Engineering Mathematics 4
Year 3, Semester 1
EEB311 Electrical Measurement and Machines
EEB312 Analog and Digital Electronics
BSB113 Economics
Double Major/Extended Major/Specialisation Unit
Year 3, Semester 2
EEB411 Classical Control and Power Generation
EEB412 Advanced Electronics and Embedded Systems
BSB114 Government, Business and Society
Double Major/Extended Major/Specialisation Unit
Year 4, Semester 1
AMB340 Services Marketing
EEB584 Introduction to Design
Electrical & Computer Engineering elective unit
Double Major/Extended Major/Specialisation Unit
Year 4, Semester 2
AMB341 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
EEB311 Electrical Measurement and Machines
EEB312 Analog and Digital Electronics
AMB201 Market and Audience Research
Double Major/Extended Major/Specialisation Unit
Year 3, Semester 2
EEB411 Classical Control and Power Generation
EEB412 Advanced Electronics and Embedded Systems
BSB114 Government, Business and Society
Double Major/Extended Major/Specialisation Unit
Year 4, Semester 1
EEB584 Introduction to Design
Electrical & 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 is to be taken by those students not obtaining a SA or better in Queensland Mathematics C (or equivalent).
Year 1, Semester 2
EEB213 Electrical Circuits and Measurements
ITB107 Programming Laboratory
ITB411 Software Development 2
MAB132 Engineering Mathematics 1B
Year 2, Semester 1
EEB312 Analog and Digital Electronics

ITB420 Computer Architecture
ITB421 Software Development 3
MAB134 Electrical Engineering Mathematics 3
Year 2, Semester 2
BNB007 Professional Studies 1
EEB412 Advanced Electronics and Embedded Systems
ITB424 Software Engineering Principles
MAB135 Electrical Engineering Mathematics 4
Year 3, Semester 1
EEB311 Electrical Measurement and Machines
EEB340 Introduction to Telecommunications
EEB512 Industrial Electronics and Digital Design
ITB448 Object Technology
Year 3, Semester 2
EEB411 Classical Control and Power Generation
EEB440 Classical Signal Processing
ITB427 Concurrent and Distributed Systems
ITB433 Programming Languages
Year 4, Semester 1
EEB560 Digital Communications
EEB584 Introduction to Design
ITB432 Advanced Programming Laboratory
ITB469 Unix Systems Programming and Administration
OR
Computing Elective
Year 4, Semester 2
EEB640 Digital Signal Processing
EEB684 Advanced Design
ITB470 Windows 2000 System Programming and Administration
OR
Computing Elective
*Students are required to take either ITB469 OR ITB470
Year 5, Semester 1
EEB781 Professional Studies 2
Electrical Engineering Elective
Elective
Elective
EEB889/1 Project
OR
ITB844/1 Computing Project
Year 5, Semester 2
Elective
Elective
Elective
EEB889/2 Project
OR
ITB844/2 Computing Project

Computing Electives

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

Engineering Electives

EEB904 Advanced Topics in Electrical Engineering A
EEB905 Advanced Topics in Electrical Engineering B
EEB941 Modern Signal Processing
EEB960 Wireless Communications
EEB976 Advanced Industrial Electronics
EEB992 VLSI Circuits and Systems

Elective Units

At the discretion of the course coordinator, students may be allowed to select an elective from advanced topics offered by the University. Additionally, potential honours students may, with the approval of the course coordinator, select an elective from the postgraduate degree courses offered by the School of Electrical and Electronic Systems Engineering.

Industrial Experience

Students must obtain at least 60 days industrial experience in an engineering environment approved by the Course Coordinator.

■ 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
PUB553 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

ITB257 Multimedia Systems
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
ITB241 Information Technology Management
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 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 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 developing 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
ITB106 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
EDB452 Secondary Professional Practice 3: The Inclusive Curriculum
MDB330 Computing Curriculum Studies 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 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

MDB338 Science Curriculum Studies 2
CLB368 Social Science 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 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
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
Electives

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
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 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:

- Advertising - Advertising Federation of Australia, Australian Association of National Advertisers, Australian Direct Marketing Association.
- 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
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
BSB110 Accounting
BSB114 Government, Business and Society
KJB303 News Production
KJB337 Public Affairs Reporting
Double Major/Extended Major/Specialisation Unit
Year 4, Semester 1
AMB320 Advertising Management
BSB111 Business Law and Ethics
KWB250 Introduction to Creative Writing
Creative Industries Faculty Core Unit
Double Major/Extended Major/Specialisation Unit
Year 4, Semester 2
AMB321 Advertising Campaigns
Creative Industries Faculty Core Unit
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit
Creative Industries Core Unit

Course Structure - Advertising (9 Semester concurrent model)

Year 1, Semester 1
BSB122 Business Information Analysis & Communication
BSB126 Marketing
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
BSB115 Management, People and Organisations
KJB322 Desktop Publishing and Editing
KJB338 Radio and Television Journalism 2
Double Major/Extended Major/Specialisation Unit
Year 3, Semester 2
BSB114 Government, Business and Society
KJB303 News Production
KJB337 Public Affairs Reporting
Double Major/Extended Major/Specialisation Unit
Year 4, Semester 1
AMB320 Advertising Management
BSB111 Business Law and Ethics
KWB250 Introduction to Creative Writing
Double Major/Extended Major/Specialisation Unit
Creative Industries Core Unit
Year 4, Semester 2
AMB321 Advertising Campaigns
Creative Industries Faculty Core Unit
Double Major/Extended Major/Specialisation Unit
Creative Industries Core Unit
Year 5, Semester 1
BSB110 Accounting
BSB113 Economics
Creative Industries Faculty Core Unit
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
KJB232 Radio and Television Journalism 1
KJB224 Feature Writing
Year 3, Semester 1
IBB210 Export Management
KJB322 Desktop Publishing and Editing
KJB338 Radio and Television Journalism 2
Area Study 1
Double Major/Extended Major/Specialisation Unit
Year 3, Semester 2
BSB111 Business Law and Ethics
KJB303 News Production
KJB337 Public Affairs Reporting
Area Study 2
Double Major/Extended Major/Specialisation Unit
Year 4, Semester 1
BSB122 Business Information Analysis & Communication
KWB250 Introduction to Creative Writing
Creative Industries Faculty Core Unit
Double Major/Extended Major/Specialisation Unit
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
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
BSB111 Business Law and Ethics
KJB303 News Production
KJB337 Public Affairs Reporting
Area Study 2
Year 4, Semester 1
BSB122 Business Information Analysis & Communication
KWB250 Introduction to Creative Writing
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit
Year 4, Semester 2
IBB300 International Business Strategy
Creative Industries Faculty Core Unit*
Creative Industries Core Unit*
Double Major/Extended Major/Specialisation Unit
Year 5, Semester 1
Creative Industries Faculty Core Unit*
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit
Double Major/Extended Major/Specialisation Unit

Area Study Options - Choose one of the following pairs of units:
IBB208 European Business Development
IBB308 Contemporary Business in Europe
OR
IBB217 Asian Business Development
IBB317 Contemporary Business in Asia

Course Structure - International Business (With Language - 8 Semester Concurrent Model)

Year 1, Semester 1
BSB119 International & Electronic Business
KJB101 Journalism Information Systems
KJB120 Newswriting
Language 1
Year 1, Semester 2
BSB113 Economics
KJB121 Journalistic Inquiry
KJB180 Speech Communication for Journalists
Language 2
Year 2, Semester 1
BSB126 Marketing
KPB155 Media Production
KJB239 Journalism Ethics and Issues
Language 3
Year 2, Semester 2
IBB202 Business and the World Economy
KJB232 Radio and Television Journalism 1
KJB224 Feature Writing
Language 4
Year 3, Semester 1
BSB114 Government, Business and Society
BSB122 Business Information Analysis & Communication
KJB322 Desktop Publishing and Editing
KJB338 Radio and Television Journalism 2
Language 5
OR
IBB205 Cross-Cultural Communication and Negotiation
Year 3, Semester 2
BSB110 Accounting
IBB211 Globalisation and Business
KJB303 News Production
KJB337 Public Affairs Reporting
OR
International Business Elective Unit (IBB2xx, IBB3xx)
Year 4, Semester 1
BSB115 Management, People and Organisations
IBB210 Export Management
KWB250 Introduction to Creative Writing
Area Study 1
Creative Industries Faculty Core Unit - see list below
Year 4, Semester 2
BSB111 Business Law and Ethics
IBB300 International Business Strategy
Area Study 2
Creative Industries Core Unit - see list below
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
IBB208 European Business Development
IBB300 International Business Strategy

List of Languages:
French
Indonesian
Japanese
German

Course Structure - International Business (With Language - 9 Semester Concurrent Model)

Year 1, Semester 1
BSB119 International & Electronic Business
KJB101 Journalism Information Systems
KJB120 Newswriting
Language 1
Year 1, Semester 2
BSB113 Economics
KJB121 Journalistic Inquiry
KJB180 Speech Communication for Journalists
Language 2
Year 2, Semester 1
BSB126 Marketing
KPB155 Media Production
KJB239 Journalism Ethics and Issues
Language 3
Year 2, Semester 2
IBB202 Business and the World Economy
KJB232 Radio and Television Journalism 1
KJB224 Feature Writing
Language 4
Year 3, Semester 1
BSB122 Business Information Analysis & Communication
KJB322 Desktop Publishing and Editing
KJB338 Radio and Television Journalism 2
Language 5
OR
IBB205 Cross-Cultural Communication and Negotiation
Year 3, Semester 2
IBB211 Globalisation and Business
KJB303 News Production
KJB337 Public Affairs Reporting
Language 6

OR
International Business Elective Unit (IBB2xx, IBB3xx)

Year 4, Semester 1
BSB115 Management, People and Organisations
IBB210 Export Management
KWB250 Introduction to Creative Writing
Area Study 1

Year 4, Semester 2
IBB300 International Business Strategy
Area Study 2
Creative Industries Core Unit - see list below
Creative Industries Faculty Core Unit - see list below

Year 5, Semester 1
BSB110 Accounting
BSB111 Business Law and Ethics
BSB114 Government, Business and Society
Creative Industries Faculty Core Unit - see list below

Area Study Units
Students must complete one of the following pairs of study units:
IBB217 Asian Business Development
IBB317 Contemporary Business in Asia
OR
IBB208 European Business Development
IBB300 International Business Strategy

List of Languages:
French
Indonesian
Japanese
German

Course Structure - Public Relations (8 Semester concurrent model)

Year 1, Semester 1
BSB122 Business Information Analysis & 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
KJB239 Journalism Ethics and Issues
KPB155 Media Production

Year 2, Semester 2
AMB262 Public Relations Writing
KJB224 Feature Writing
KJB232 Radio and Television Journalism 1
Double Major/Extended Major/Specialisation Unit

Year 3, Semester 1
BSB113 Economics
BSB115 Management, People and Organisations
KJB322 Desktop Publishing and Editing
KJB338 Radio and Television Journalism 2
Double Major/Extended Major/Specialisation Unit

Year 3, Semester 2
BSB110 Accounting
BSB114 Government, Business and Society
KJB303 News Production
KJB337 Public Affairs Reporting
Double Major/Extended Major/Specialisation Unit

Year 4, Semester 1
AMB360 Corporate Communication Management
BSB111 Business Law and Ethics
KWB250 Introduction to Creative Writing
Double Major/Extended Major/Specialisation Unit
Creative Industries Faculty Core Unit

Year 4, Semester 2
AMB361 Public Relations Campaigns
Creative Industries Faculty Core Unit
Creative Industries Core Unit
Double Major/Extended Major/Specialisation Unit
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
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
KJB239 Journalism Ethics and Issues

Year 2, Semester 2
AMB262 Public Relations Writing
KJB224 Feature Writing
KJB232 Radio and Television Journalism 1
Double Major/Extended Major/Specialisation Unit

Year 3, Semester 1
BSB115 Management, People and Organisations
KJB322 Desktop Publishing and Editing
KJB338 Radio and Television Journalism 2
Double Major/Extended Major/Specialisation Unit

Year 3, Semester 2
BSB113 Economics
KJB303 News Production
KJB337 Public Affairs Reporting
Double Major/Extended Major/Specialisation Unit

Year 4, Semester 1
AMB360 Corporate Communication Management
BSB111 Business Law and Ethics
KWB250 Introduction to Creative Writing
Double Major/Extended Major/Specialisation Unit

Year 4, Semester 2
AMB361 Public Relations Campaigns
Creative Industries Faculty Core Unit
Creative Industries Core Unit
Double Major/Extended Major/Specialisation Unit

Year 5, Semester 1
BSB110 Accounting
BSB114 Government, Business and Society
Creative Industries Faculty Core Unit
Double Major/Extended Major/Specialisation Unit

*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
KJB120 Newswriting
KJB275 Media Legal Issues
KPB111 Media Writing
KPB155 Media Production
KWB250 Introduction to Creative Writing
KWB380 Creative Nonfiction Writing 1

■ Bachelor of Journalism/Bachelor of Laws (IF07)

Award title: Bachelor of Journalism/Bachelor of Laws
CRICOS code: 040313G
Location: Gardens Point
Course duration (full-time): 5 years
Total credit points: 528
Course coordinator: Roger Patching (Creative Industries); Director, Undergraduate Programs (Law)

Professional Recognition

The law degree component covers all the law units required for admission as a legal practitioner in Australia and is approved for the purposed of the Solicitors' and Barristers' Admission Rules.

Course Structure

Semester 1, Year 1
KJB101 Journalism Information Systems
KJB120 Newswriting
Creative Industries Core Unit - See List A
Introduction to Legal Research
LWB141 Legal Institutions and Method
LWB142 Law, Society and Justice
Semester 2, Year 1
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
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
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
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
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
KJB120 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
AMB260 Public Relations Theory and Practice

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
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
Business Faculty Core Unit

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

AMB222 Media Planning
KJB121 Journalistic Inquiry
KJB224 Feature Writing
Year 2, Semester 2
AMB221 Advertising Copywriting
KJB280 International Journalism
One of:
KJB232 Radio and Television Journalism 1
KJB338 Radio and Television Journalism 2
KJB335 Professional Media Practice
Year 3, Semester 1
AMB320 Advertising Management
Creative Industries Discipline Core Unit
Business Faculty Core Unit
One of:
KJB322 Desktop Publishing and Editing
KJB338 Radio and Television Journalism 2
KJB335 Professional Media Practice
Year 3, Semester 2
AMB321 Advertising Campaigns
Creative Industries Discipline Core Unit
Creative Industries Faculty Core Unit
Business Major Unit

Course Structure - Advertising/Media Studies

Year 1, Semester 1
BSB126 Marketing
KKB018 Creative Industries
KKB618 Writing for Creative Industries
Business Faculty Core Unit
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 Faculty Core Unit
Year 3, Semester 1
AMB320 Advertising Management
Business Faculty Core Unit
KPB233 Television Cultures
KCB349 Media Audiences
Year 3, Semester 2
AMB321 Advertising Campaigns
Creative Industries Discipline Core Unit *(Highly recommended - KCB336 New Media Technologies)
KPB311 Asian Film and Media
One unit from:
KPB307 Feminist Screen Studies
KPB305 American Film
KPB344 International Cinema

Course Structure - Advertising Creative & Professional Writing

Year 1, Semester 1
BSB126 Marketing
KKB018 Creative Industries
KKB618 Writing for Creative Industries
KWB250 Introduction to Creative Writing
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
Business Faculty Core Unit
Creative Industries Discipline Core Unit
Year 2, Semester 2
AMB221 Advertising Copywriting
Creative Industries Discipline Core Unit
Either
Creative Writing:
KPB111 Media Writing
Professional Writing:
KWB315 Persuasive Writing
KWB380 Creative Nonfiction Writing 1
Year 3, Semester 1
AMB320 Advertising Management
Creative Industries Faculty Core Unit
Either:
Creative Writing:
KJB224 Feature Writing
Professional Writing:
KWB314 Corporate Writing and Editing
KWB229 Film and Television Scriptwriting
Year 3, Semester 2
AMB321 Advertising Campaigns
KWB339 The Writing and Publishing Industry
Creative Industries Discipline Core Unit
Business Major Unit

Course Structure - Advertising/Television & Video Production

Year 1, Semester 1
BSB126 Marketing
KKB018 Creative Industries
KKB618 Writing for Creative Industries
Business Faculty Core Unit
Year 1, Semester 2
AMB200 Consumer Behaviour
AMB220 Advertising Theory and Practice
KPB111 Media Writing
Creative Industries Core Unit
Year 2, Semester 1
AMB201 Market and Audience Research
AMB222 Media Planning
MJB155 Media Production
Business Faculty Core Unit
Year 2, Semester 2
AMB221 Advertising Copywriting
KPB185 Informational Production
Creative Industries Discipline Core Unit
Business Major Unit
Year 3, Semester 1
AMB320 Advertising Management
KPB314 Media Business
Creative Industries Faculty Core Unit
Creative Industries Discipline Core Unit
Year 3, Semester 2
AMB321 Advertising Campaigns
KPB260 Community and Educational Video
KPB265 Corporate Production

Course Structure - Public Relations/International Journalism

Year 1, Semester 1
BSB126 Marketing
KKB018 Creative Industries
KKB618 Writing for Creative Industries
Business Faculty Core Unit
Year 1, Semester 2
AMB260 Public Relations Theory and Practice
KJB101 Journalism Information Systems
KJB120 Newswriting
Creative Industries Faculty Core Unit
Year 2, Semester 1
AMB201 Market and Audience Research
AMB261 Media Relations and Publicity
KJB121 Journalistic Inquiry
KJB224 Feature Writing
Year 2, Semester 2
AMB262 Public Relations Writing
KJB280 International Journalism
One of:
KJB232 Radio and Television Journalism 1
KJB337 Public Affairs Reporting
KJB335 Professional Media Practice

Year 3, Semester 1
AMB360 Corporate Communication Management
Public Relations Choice Unit
Creative Industries Discipline Core Unit
One of:
KJB322 Desktop Publishing and Editing
KJB338 Radio and Television Journalism 2
KJB335 Professional Media Practice
Year 3, Semester 2
AMB361 Public Relations Campaigns
Creative Industries Discipline Core Unit
Business Major Unit
Business Faculty Core Unit

Course Structure - Public Relations/Media Studies

Year 1, Semester 1
BSB126 Marketing
KKB018 Creative Industries
KKB618 Writing for Creative Industries
Business Faculty Core Unit
Year 1, Semester 2
AMB260 Public Relations Theory and Practice
Creative Industries Discipline Core Unit
Creative Industries Discipline Core Unit
Business Faculty Core Unit
Year 2, Semester 1
AMB201 Market and Audience Research
AMB261 Media Relations and Publicity
KPB147 Film and Television Genres
KCB295 Virtual Cultures
Year 2, Semester 2
AMB262 Public Relations Writing
Creative Industries Discipline Core Unit
Creative Industries Faculty Core Unit
Business Major Unit
Year 3, Semester 1
AMB360 Corporate Communication Management
KPB233 Television Cultures
KCB349 Media Audiences
Public Relations Choice Unit
Year 3, Semester 2
AMB361 Public Relations Campaigns
KPB311 Asian Film and Media
Creative Industries Discipline Core Unit (Highly recommended - KCB336 New Media Technologies)
PLUS one unit from:
KPB307 Feminist Screen Studies
KPB305 American Film
KPB344 International Cinema

Course Structure - Public Relations/Creative & Professional Writing

Year 1, Semester 1
BSB126 Marketing
KKB018 Creative Industries
KKB618 Writing for Creative Industries
KWB250 Introduction to Creative Writing
Year 1, Semester 2
AMB260 Public Relations Theory and Practice
KWB350 Creative Writing and Publishing
Business Faculty Core Unit
Business Faculty Core Unit
Year 2, Semester 1
AMB201 Market and Audience Research
AMB261 Media Relations and Publicity
Creative Industries Discipline Core Unit
Public Relations Choice Unit
Year 2, Semester 2
AMB262 Public Relations Writing
KWB380 Creative Nonfiction Writing 1
Either Creative Writing:
KPB111 Media Writing
Or Professional Writing:
KWB315 Persuasive Writing
Creative Industries Discipline Core Unit
Year 3, Semester 1
AMB360 Corporate Communication Management
KWB229 Film and Television Scriptwriting
Either Creative Writing:
KJB224 Feature Writing
Or Professional Writing:
KPB314 Media Business
Business Faculty Core Unit
Year 3, Semester 2
AMB361 Public Relations Campaigns
KWB339 The Writing and Publishing Industry
Business Major Unit
Creative Industries Discipline Core Unit

Course Structure - Public Relations/Television & Video Production

Year 1, Semester 1
BSB126 Marketing
KKB018 Creative Industries
KKB618 Writing for Creative Industries
Business Faculty Core Unit
Year 1, Semester 2
AMB260 Public Relations Theory and Practice
KPB111 Media Writing
Creative Industries Discipline Core Unit
Business Faculty Core Unit
Year 2, Semester 1
AMB201 Market and Audience Research
AMB261 Media Relations and Publicity
KPB155 Media Production
Public Relations Choice Unit
Year 2, Semester 2
AMB262 Public Relations Writing
KPB185 Informational Production
Creative Industries Discipline Core Unit
Business Major Unit
Year 3, Semester 1
AMB360 Corporate Communication Management
KPB314 Media Business
Creative Industries Discipline Core Unit
Business Faculty Core Unit
Year 3, Semester 2
AMB321 Advertising Campaigns
KPB260 Community and Educational Video
KPB265 Corporate Production

■ Bachelor of Music/Bachelor of Education (Secondary) (IF77)

Award title: Bachelor of Music/Bachelor of Education
CRICOS code: 020319M
Location: Kelvin Grove
Course duration (full-time): 4 years
Total credit points: 432
Course coordinator: Education Coordinator: Dr Gordon Tait, Creative Industries; Sue Forster

General

This four-year professional double degree prepares students to teach secondary school Music in Australian schools. In the first two years you may specialise in a range of performance and production areas (refer to Bachelor of Music). In addition students may opt to take a second teaching area selected from Dance, Drama, Visual Art, English, Film and Media Studies, Geography, History and Languages, or alternatively, study instrumental music teaching or primary specialist music teaching. Students taking the instrumental music strand are also encouraged to take second study instruments. In the final two years students concentrate on teacher preparation with Music curriculum units equipping students with the skills necessary to be effective Music educators.

B Music/B Ed (Secondary) Music Specialisation & Instrumental Teaching Strand

Year 1, Semester 1
KMB632 Core Musicianship 1
KMB619 Music and Sound Technology
KMB651 Music Performance Studies 1
OR
KMB657 Music Production Studies 1

Creative Industries Core Unit
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
OR
KMB659 Music Production Studies 3
KMB634 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
KMB635 Sound Media Musicianship
OR
KMB637 Jazz and Popular Music Musicianship
Education Unit (See Faculty of Education component)
Choose two units from:
KMB640 Sex Drugs Rock N Roll
KMB617 Arranging
KMB626 Music and Sound for Multimedia
KMB628 Second Study 2
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)
Choose two units from:
KMB638 Sound and Image
KMB631 World Music
KMB616 Ensemble Project A
KMB629 Ensemble Project B
OR
Choose KMB629 and enrol in KMB639 (year long unit) in Year 4.
Note: KMB639 is the ONLY music unit which can be taken in year 4 & only if you enrol in PRB345 & 346

B Music/B Ed - Music Specialisation with a STA in Dance

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
Year 1, Semester 2
KMB652 Music Performance Studies 2
OR
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
OR
KMB659 Music Production Studies 3
KMB634 Contemporary Art Music Musicianship
OR
KMB636 Cross Cultural Musicianship
KMB630 Music Textures
KDB180 Dance Technique Studies 1
KDB125 Deconstructing Dance in History
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
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 Drama

Year 1, Semester 1
KMB651 Music Performance Studies 1
OR
KMB657 Music Production Studies 1
KMB632 Core Musicianship 1
KMB619 Music and Sound Technology
KTB257 Studies in Acting 1
Creative Industries Core Unit
Year 1, Semester 2
KMB652 Music Performance Studies 2
OR
KMB658 Music Production Studies 2
KMB633 Core Musicianship 2
KMB621 Sound Recording and Acoustics
KTB251 Theatre History: 20th Century Stages
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
KTB214 Process Drama
Education Unit (See Faculty of Education component)
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
Education Unit - TBA
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
SPB001 Human Development and Education
Choose two from:
KVB447 Drawing
KVB457 Sculpture
KVP503 Clay Materials
KVP507 Painting
KVP509 Photographic Media
KVP511 Printmaking
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)
Choose one 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 other than Drama, Dance, 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
Year 1, Semester 2
KMB651 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
KMB653 Music Performance Studies 3
OR
KMB659 Music Production Studies 3
KMB634 Contemporary Art Music Musicianship
OR
KMB636 Cross Cultural Musicianship
KMB630 Music Textures
STA Unit
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
KMB635 Sound Media Musicianship
OR
KMB637 Jazz and Popular Music Musicianship
STA Unit (List C)
Education Unit - TBA
Choose one unit from:
KMB640 Sex Drugs Rock N Roll
KMB617 Arranging
KMB626 Music and Sound for Multimedia
KMB628 Second Study 2
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)
Education Unit (See Faculty of Education component)

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
It is recommended that students take SPB001 before SPB002
SPB001 Human Development and Education
SPB002 Psychology of Learning and Teaching
Year 3, Semester 2
EDB450 Secondary Professional Practice 1: Classroom Management
EDB451 Secondary Professional Practice 2: Curriculum Decision Making
KMP423 Music Curriculum Studies 1
Year 4, Semester 1
CLB306 Understanding Educational Practices
EDB452 Secondary Professional Practice 3: The Inclusive Curriculum
KMP431 Music Curriculum Studies 2
Year 4, Semester 2
EDB453 Secondary Professional Practice 4: The Beginning Teacher
Education Studies Elective
Education Studies Elective
Curriculum Studies 2 (STA)

Curriculum Studies - STA

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
KVB412 Art Curriculum Studies 1

List 2: Prerequisite: Curriculum Studies 1
KDB429 Dance Curriculum Studies 2
KTB415 Drama 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
KMP433 Music Curriculum Studies 2a
KVB413 Art 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.

Section Four

Unit Synopses

Unit Coding and Numbering **384**
Unit Synopses **385**

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.

► ADB001 ARCHITECTURAL DESIGN 1
Introduction to design theory. Develop exercises for enhancement of fundamental aesthetic perception, developmental exercises in graphic/ presentation skills with an emphasis on orthographic and paraline drawing systems. The major design project introduces students to a range of issues and provokes exploration, development of students' comprehension of fundamental spatial and formal values and enhances sensibilities concerning architectural qualities.
Courses: BN31, AR48
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. With a focus on the contextual, the major project in this unit encourages ideas that are developed out of analysis of understanding of a particular place.
Courses: BN31, AR48 **Prerequisites:** ADB001
Credit points: 12 **Contact hours:** 8 per week

► ADB003 ARCHITECTURAL DESIGN 3
Design theory: physical context, landscape, social context, ethics and values. Integration of contextual studies, technology, specifically building construction and design for climate. Projects are generally of domestic scale.
Prerequisites: ADB002
Corequisites: ADB013, ADB011
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
Prerequisites: ADB003 **Corequisites:** Nil
Credit points: 12 **Contact hours:** 6 per week

► ADB005 ARCHITECTURAL DESIGN 5
Design theory, sustainability, sociological, and contextual concerns related to particular design problems. The unit will often include a 'community service' project, generally a collaborative, participatory design with selected community groups as 'client'.
Courses: BN31, AR48
Prerequisites: ADB004 **Corequisites:** ADB913
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 content of the unit is project-dependent.
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 projects and associated lectures and presentations relevant to developing the unit objectives. A high degree of resolution is expected in design projects in intellectual conceptualisation and strategy, spatial organisation, form, detail and technical understanding. Building economics, services, construction technology, theory and critical analysis will be integrated into the unit.
Courses: AR48 **Prerequisites:** ADB008
Credit points: 12 **Contact hours:** 5 per week

► ADB011 CONTEXTUAL STUDIES 1
The course will cover the emergence of modern architecture in Europe and America in the late nineteenth and early twentieth century, and the development of the ideas and proposals arrived at through the heroic phase of the 1920s and 30s. The dominance of modern architecture following the war and the early critiques will be examined. An analysis of the emergence of post-modern thought and the various architectural directions being pursued throughout the world in the late twentieth century to find viable and meaningful designs will be present.
Courses: BN31, AR48 **Prerequisites:** ADB931
Credit points: 12 **Contact hours:** 3 per week

► ADB012 CONTEXTUAL STUDIES 2
Australian and Oceanic architecture is examined from pre-European settlement times to the present. The work is looked at in the context of European and American influences and the Asian-Oceanic context. The examples are studied in relation to broad social, historical and aesthetic backgrounds. Course work will include an introduction to research of local architectural history, and visits to key buildings.
Courses: BN31, AR48 **Prerequisites:** ADB931
Credit points: 12 **Contact hours:** 2 per week

► ADB013 CONTEXTUAL STUDIES 3
This unit consists of two parts: 1. The Asian Architectural and Culture: The Asian architecture component of the unit covers the architectural traditions of the diverse cultures of Asia and urban history. The course examines how traditional architecture is shaped by culture and society. It focuses on the geographic regions of the orient including China, Japan, and Korea and that of South Asia including India, Nepal, and Sri Lanka. 2. Design and Cities: Cities across geographic regions, including Europe, American, Australia and Asia are studied from an historical and contemporary perspective to understand city form, culture, politics, economics and function, ecology and sustainability. Material covered includes: the origin and role of cities; the nature of city formation and change; examples of the history of cities across various cultures; the nature of contemporary cities; the role of architecture in the city; cities and culture; and theories for contemporary and future cities.
Courses: 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. It introduces students to contemporary debates and endeavours to de-mystify the language of contemporary architectural ideas and aesthetics in order to promote self-directed interest in contemporary theory and criticism.
Courses: AR48
Credit points: 12 **Contact hours:** 3 per week

► ADB021 TECHNOLOGY AND SCIENCE 1
A study of the properties and behaviour of common building materials and the historical development of building technologies. Basic structural systems; behaviour of structures and members under load; application of knowledge in design exercises and models.
Courses: BN31, AR48 **Prerequisites:** ADB921
Credit points: 12 **Contact hours:** 4 per week

► ADB022 TECHNOLOGY AND SCIENCE 2
Detailed consideration of domestic scale building; basic design for climate; and energy conservation. The implications of the principles of the subject on the form and fabric of buildings are illustrated.
Courses: BN31, AR48 **Prerequisites:** ADB021
Credit points: 12 **Contact hours:** 4 per week

► ADB023 TECHNOLOGY AND SCIENCE 3
Detailed consideration of domestic scale building; design for natural ventilation, lighting, acoustics and solar controls; and implications of principles of the subject on the form and fabric of buildings are illustrated.
Courses: BN31, AR48 **Prerequisites:** ADB022
Credit points: 12 **Contact hours:** 4 per week

► ADB024 TECHNOLOGY AND SCIENCE 4
Building construction - an overview of construction systems used in low to medium rise industrial and commercial buildings. Structures - overview of structural considerations in steel and reinforced concrete structural systems.
Courses: BN31, AR48 **Prerequisites:** ADB023
Credit points: 12 **Contact hours:** 4 per week

► ADB025 TECHNOLOGY AND SCIENCE 5
Building Construction - an overview of construction systems used in medium to high-rise commercial buildings, including analysis of principles, advantages, disadvantages and details of such systems. Services - an integrated overview of medium to high-rise building services including hydraulics, lighting, electrical services, mechanical equipment and vertical transportation.
Courses: AR48 **Prerequisites:** ADB024
Credit points: 12 **Contact hours:** 3 per week

► ADB026 TECHNOLOGY AND SCIENCE 6
Topics include a case study of the building type being studied in ADB007, working with engineering consultants and the programming of work.
Courses: AR48 **Prerequisites:** ADB025
Credit points: 12 **Contact hours:** 3 per week

► ADB031 PROFESSIONAL STUDIES 1
Theory - analysis of various concepts of professionalism, characteristics of professions, discussion of various contemporary critiques of architectural practice. Estimating - choice of technique, accuracy, square and cube rates, cost control, feasibility, quantity surveying. Specification - role of specification.
Courses: AR48
Credit points: 12 **Contact hours:** 3 per week

► ADB033 PROFESSIONAL STUDIES 3
Self-paced national course (BPA 2) prepared by the Royal Australian Institute of Architects as a Continuing Education Program which will attract certification from the RAIA. The course will cover ethical, administrative and management issues in relation to architectural practice.
Courses: AR48 **Prerequisites:** ADB932
Credit points: 12 **Contact hours:** 4 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 aims and objectives, initial proposition, structuring research approach, analysis and preliminary conclusions based on literature review.
Courses: AR48
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
The major project selected by students and approved by the unit coordinator, will have a focus work study that demonstrates the particular skills and interests of the individual. This work should be completed to a highly developed and resolved standard.
Courses: AR48 **Prerequisites:** ADB052
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

► ADB062 ARCHITECTURAL APPLICATIONS 2
The unit will be used to increase the student's experience in applying theory to architectural problems. Study of materials, structures, and architectural ideas through drawings and models.
Courses: BN31 **Prerequisites:** ADB061
Credit points: 12 **Contact hours:** 3 per week

► ADB063 ARCHITECTURAL APPLICATIONS 3
The unit will be used to increase the student's experience in applying theory to architectural problems, including site analysis, levels and contours; practical experiments in Design Science; construction detailing and documentation through drawings, models and computer simulation.
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
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: 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 subject areas.
Courses: AR48
Credit points: 12 **Contact hours:** 3 per week

► ADB101 INTERIOR DESIGN 1
Through exercises involving physical, historical, social and cultural constraints; person-environment analysis; and personal reflection, there is the opportunity to integrate material from associated units and to begin to develop a basic awareness of a designer's role and responsibilities.
Courses: BN31
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 of environment; and aesthetics and its relevance to person-environment interaction.
Courses: BN31 **Prerequisites:** ADB101
Credit points: 12 **Contact hours:** 7 per week

► ADB103 INTERIOR DESIGN 3
The content covered in this unit includes: an introduction to the theoretical constructs of person-environment interaction and modes of interaction incorporating theories from disciplines including philosophy, psychology, social science, and cultural and communication studies; other conceptual frameworks will be introduced and explored including modernism, post-modernism, feminism, and pluralism; and issues of designing incorporating site, values, activities and technology.
Courses: BN31
Prerequisites: ADB102 **Corequisites:** ADB123
Credit points: 12 **Contact hours:** 6 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 explicitly informed by 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: designing as practice; law as it relates philosophically and conceptually to the built environment and people's relationship with the built environment; the work of national and international designers: a critical approach; tools for fostering alternative ways of thinking and imagining person-environment interaction; and futuristic material.
Courses: BN31
Prerequisites: ADB104 **Corequisites:** ADB125
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 performance; introductory technical drawing; measurement and recording of building environments; and application of recorded material. CAD as a construct and its role in practice.
Courses: BN31 **Prerequisites:** ADB921
Credit points: 12 **Contact hours:** 4 per week

► ADB123 INTERIOR TECHNOLOGY 2
The content covered in this unit includes: documentation; analysis and recording of small-scale commercial interiors; building regulations and their relationship to public responsibility; building materials; and sustainability.
Courses: BN31 **Prerequisites:** ADB122
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; comparative analysis of building types; CAD documentation; basic estimating and quoting; introductory specification writing.
Courses: BN31 **Prerequisites:** ADB124
Credit points: 12 **Contact hours:** 4 per week

► ADB126 INTERIOR TECHNOLOGY 5
The content covered in this unit includes: documentation; critical investigation of interior construction processes; environmental system analysis; the interface with consultants, builders and contractors; leasing and other tenancy occupation issues.
Courses: BN31 **Prerequisites:** ADB125
Credit points: 12 **Contact hours:** 4 per week

► ADB132 DESIGN IN SOCIETY 1
Issues of the international design community will be explored. The historical framework will be reassessed in relation to changing technology, communication, transport systems, and the advent of shifts in space and time such as virtual reality. The merging of cultures and understandings of design will be critiqued in the light of its potential to influence the contemporary and future designer. Specific attention will be given to interior design. Other aspects involved include belief systems and their influence on design and design practice (e.g. economic rationalism, capitalism, modernism, etc).
Courses: BN31
Credit points: 12 **Contact hours:** 3 per week

► ADB133 DESIGN IN SOCIETY 2
Issues to be covered include: the current context of the contemporary Australian interior designer; theoretical perspectives and exploration of their limitations and potential; relevant legal issues, ethics, and professionalism.
Courses: BN31
Credit points: 12 **Contact hours:** 3 per week

► ADB151 DRAWING AS COMMUNICATION
Addresses the theoretical aspects of communication generally and in relation to drawing. It will focus on the relationship between drawing and the design processes of imagining, representing, and testing and it will introduce students to various drawing techniques and media.
Courses: BN31
Credit points: 12 **Contact hours:** 4 per week

► ADB152 LIGHT AND COLOUR STUDIES
Content includes: the interdependence of light and colour; the physical properties of colour; the psychological and cultural dimensions of colour; and colour and its relationship with expression and aesthetics.
Courses: BN31
Credit points: 12 **Contact hours:** 4 per week

► ADB153 MATERIAL STUDIES
Content to be addressed includes: textile manufacture and application; interior decorative finishes; building codes and standards relevant to material quality and performance; documentation and specification of finishes and fittings; the relationship between design technology and material selection; and the role of contextual frameworks on designers' decisions in regard to materials.
Courses: BN31 **Corequisites:** 12
Credit points: 3 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 and communication tool, with an emphasis on marker 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 **Prerequisites:** 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 theory, special characteristics of design problems, design and application transfer, design heuristic, creativity on innovation and general psychological theories of creativity, visual thinking and the design process, design ethics and culture, and designer's responsibilities toward the environment.
Courses: BN31 **Prerequisites:** ADB202
Credit points: 12 **Contact hours:** 6 per week

► ADB204 INDUSTRIAL DESIGN 2
The studio exercises to which most of the time is devoted will aim at a range of different product designs. The following theoretical topics are associated with them: methodological issues of design, design process and creative thinking, creativity and product innovation, design ethics and culture, and designer's responsibilities toward the environment. The complexity and depth of the design project will increase systematically according to the semester level.
Courses: BN31 **Prerequisites:** 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 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 principles of ergonomics and human factors as applied to industrial design, hand tool design, environmental factors, human-information processing, ergonomic methods, display and control design, interface design, designing for safety and product useability.
Courses: BN31 **Prerequisites:** ADB911
Credit points: 12 **Contact hours:** 4 per week

► ADB224 INDUSTRIAL DESIGN HISTORY THEORY AND CRITICISM 1
Pre-historical artefacts and their evolutions; innovations in Asia; arts and crafts movement; development of mass-production and its impact to the society; social and cultural changes influenced by design; design and politics; ideology of industrialisation.
Courses: BN31 **Corequisites:** ADB 204
Credit points: 12 **Contact hours:** 3 per week

► ADB226 INDUSTRIAL DESIGN HISTORY THEORY AND CRITICISM 2
Product evolution; Australian inventions; contemporary design; social and cultural changes influenced by design; design and politics; ideology of industrialisation; the meaning of products; designers' responsibilities toward the users and environment; design activity and design knowledge.
Courses: BN31
Prerequisites: ADB224 **Corequisites:** ADB206
Credit points: 12 **Contact hours:** 3 per week

► ADB232 DESIGN TECHNOLOGY AND SOCIETY
Introduction to applied technologies and how they relate to industrial design and society in general, renewable and non-renewable resources, social change and life styles, use of resources and ecosystems, sustainability and its relation to industrial design, alternative technologies as related to industrial design; and the relationship between social and technological change and industrial design.
Courses: BN31
Credit points: 12 **Contact hours:** 4 per week

► ADB233 MANUFACTURING TECHNOLOGY 1
Application of engineering mechanisms to products or systems, analysis of the performances of mechanical, electrical, hydraulic and pneumatic mechanisms in relation to particular functions, modelling methods and techniques for determining the behaviour of a system or product. Introduction to electronics, plastics manufacturing techniques, the relations between the properties of material and the industrial processes available for their fabrication. Introduction to technical documentation and communication.
Courses: BN31 **Prerequisites:** ADB921
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 manufacturing industries, technical documentation and communication.
Courses: BN31 **Prerequisites:** ADB233
Credit points: 12 **Contact hours:** 4 per week

► ADB235 MANUFACTURING TECHNOLOGY 3
Product analysis, product development strategies, industrial production economics, organisation, planning and technologies required for advanced manufacturing and its impact to product design solutions.
Courses: BN31 **Prerequisites:** ADB234
Credit points: 12 **Contact hours:** 4 per week

► ADB236 MANUFACTURING TECHNOLOGY 4
Value analysis, technical documentation and communication. Field studies compliment the lecture series.
Courses: BN31 **Prerequisites:** ADB235
Corequisites: ADB206
Credit points: 12 **Contact hours:** 4 per week

► ADB241 INDUSTRIAL DESIGN APPLICATIONS
Introduction to application of basic industrial design skills and knowledge, industrial design case studies and field studies
Courses: BN31 **Corequisites:** ADB201
Credit points: 12 **Contact hours:** 4 per week

► ADB244 COMPUTER AIDED INDUSTRIAL DESIGN 1
Overview of the development of the use of Computer Aided Industrial Design by industrial designers in the design process, application of CAID to 3D solid modelling concepts, 3D spatial relationships, design documentation, 3D model to 2D engineering drawings, development of skills in the use of Computer Aided Industrial Design (CAID) for evaluating, documenting and presenting design proposals through computer rendered and animated images.
Courses: BN31
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, application of complex 3D Surface modelling techniques, as applied to design form evaluations and form refinement using rapid prototyping, further development of shading techniques, advanced animation, design documentation.
Courses: BN31 **Prerequisites:** ADB244
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 practical application of theory in 'real life' architectural projects.
Courses: AR48 **Credit points:** 36

► 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

► ADB911 HUMAN ENVIRONMENT 1
Contemporary environmental issues: global warming, population explosion, pollution, energy conservation, sustainability; anthropometrics and statistics; basic ergonomic principles; and requirements of special needs groups.
Courses: BN31, AR48
Corequisites: ADB101, ADB921
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: ADB013 (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 those processes; political and social theories pertaining to design and development of the built environment; contemporary theories of post-industrialism, post-colonialism and multiculturalism; implications for design for the built environment; the roles and responsibilities of design professionals, historically and in contemporary society.
Courses: BN31, AR48 **Prerequisites:** ADB912
Credit points: 12 **Contact hours:** 3 per week

► ADB921 TECHNOLOGY & SCIENCE FOUNDATION
Introduction to physical principles relevant to the built environment design disciplines, including mechanics, statics, electricity, fluids, light and colour, heat and sound; basic chemical properties of materials; mathematics as related to the design disciplines; discipline applications.
Courses: BN31, AR48
Corequisites: ADB911, ADB101
Credit points: 12 **Contact hours:** 4 per week

► ADB931 INTRODUCTION TO HISTORY, THEORY AND CRITICISM
This unit is a survey course of principal developments in the history and theory of design and the built environment from the earliest civilisation to the closing of the 19th century. Lectures will examine key buildings, ideas and artefacts and the aesthetic, technological, environmental, socio-cultural and political factors that related to their production. Examples are drawn from European and non-European (notably Asian) contexts.
Courses: BN31, AR48
Credit points: 12 **Contact hours:** 4 per week

► ADB932 PROFESSIONAL STUDIES 2
Unit offers a self-paced national course (BPA 1) prepared by the RAIA as a basis for the formal examination for registration as an Architect. Covers the context of profession, professional ethics, and the range of professional services from engagement to completion of a project. Completion of course will attract RAIA certification.
Courses: AR48
Credit points: 12 **Contact hours:** 4 per week

► ADB941 ELECTIVE 1
The student will choose elective units to extend and expand an area of knowledge or experience to develop in depth a particular professional expertise. These units may be drawn from an existing range of units available within the School. The electives are to be approved by the Course Coordinator.
Courses: BN31
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,

Faculty or University. The electives are to be approved by the Course Coordinator.
Courses: BN31
Credit points: 12 **Contact hours:** 3 per week

► ADB943 ELECTIVE 3
Elective units chosen will extend and expand an area of knowledge or experience to develop in depth a particular professional expertise. Units may be drawn from an existing range of units available within the University and must be approved by the Course Coordinator.
Courses: BN31, AR48
Credit points: 12 **Contact hours:** 3 per week

► ADB944 ELECTIVE 4
Elective units chosen will extend and expand an area of knowledge or experience to develop in depth a particular professional expertise. Units may be drawn from an existing range of units available within the University and must be approved by the Course Coordinator.
Courses: BN31, AR48
Credit points: 12 **Contact hours:** 3 per week

► ADP107 INTERIOR DESIGN 7
This unit provides students with the opportunity to pursue a topic of personal and professional relevance in consultation with staff. The topic will form the focus of a major design/research project incorporating this unit and ADB108. The unit covers topic identification, qualification and substantiation, context exploration and consolidation.
Courses: AR62
Prerequisites: ADB106 **Corequisites:** ADP161
Credit points: 12 **Contact hours:** 3 per week

► ADP108 INTERIOR DESIGN 8
This unit provides students with the opportunity to develop an in-depth understanding of an area of interior design of personal and professional relevance in consultation with staff. The unit covers project development and the exploration of associated issues.
Courses: AR62
Prerequisites: ADB107 **Corequisites:** ADP162
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; professionalism incorporating ethics, industry product safety standards and continuing education; specific responsibilities involving brief development; and post-occupancy evaluation.
Courses: AR62
Prerequisites: ADB913, ADP106
Credit points: 12 **Contact hours:** 4 per week

► ADP155 INTERIOR AS A CONSTRUCT 1
Designers require a deep conceptual understanding of the relationship between artefact and culture and they need a vehicle for supporting this development. The focus in this unit is on the conservation of historic interiors and includes: historic interior exemplars; social and cultural identity; conservation; preservation and restoration; and relevant charters and policies.
Courses: AR62
Credit points: 12 **Contact hours:** 4 per week

► ADP156 INTERIOR AS A CONSTRUCT 2
In this unit, stage design will be used as a frame-of-reference for exploring various aspects of person-environment interaction such as play and imagining. In addition, the unit provides a basis for exploring notions of temporary, transitory space and virtual reality.
Courses: AR62 **Prerequisites:** ADP155
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; research rigour incorporating attention to validity, reliability and generalisation; advanced information retrieval; literature searching and review.
Courses: AR62
Prerequisites: ADB106 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 empirical research is considered an integral aspect of responsible designing. The unit content covers data collection, analysis and reporting.
Courses: AR62
Prerequisites: ADB107 or equivalent
Corequisites: ADP108
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 toward design of products or systems in depth. The emphasis is on integration of knowledge and skills acquired in the previous semesters. The following theoretical topics are associated with them: design process and creative thinking; applied research, creativity and product innovation; work with a client, multidisciplinary teamwork; product integration and development; design ethics and culture; and designer's responsibilities toward the environment.
Courses: AR61
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 1
The unit consists of the applied research topic selected by a student approved and supervised by the industrial design staff. External specialists may be involved as required.
Courses: AR61
Credit points: 12 **Contact hours:** 5 per week

► ADP268 INDUSTRIAL DESIGN RESEARCH 2A
This unit depends on the topic selected by a student in the previous semester. Students are responsible for the program as a part of their project work, which will be approved and supervised by the industrial design staff.
Courses: AR61
Prerequisites: ADP 207, ADP 267
Corequisites: ADP 269
Credit points: 12 **Contact hours:** 4 per week

► ADP269 INDUSTRIAL DESIGN RESEARCH 2B
This unit depends on the topic selected by a student in the previous semester. Students are responsible for the program as a part of their project work, which will be approved and supervised by the industrial design staff.
Courses: AR61
Prerequisites: ADP207, ADP267
Corequisites: ADP268
Credit points: 12 **Contact hours:** 4 per week

► ADP932 PROFESSIONAL STUDIES 2
Unit offers a self-paced national course (BPA 1) prepared by the RAIA as a basis for the formal examination for registration as an Architect. Covers the context of profession, professional ethics, and the range of professional services from engagement to completion of a project. Completion of course will attract RAIA certification.
Courses: AR62 **Prerequisites:** ADP114
Credit points: 12 **Contact hours:** 4 per week

► ADP943 ELECTIVE 3
The student will choose elective units to extend and expand an area of knowledge or experience to develop in depth a particular professional 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
Prerequisites: BSB126
Credit points: 12 **Contact hours:** 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
Prerequisites: BSB126
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MIB305
Campus offered: GP **Semester offered:** 1, 2

► AMB202 INTEGRATED MARKETING COMMUNICATION
In past decades many marketers separated the various marketing and promotional functions. They planned and managed them separately 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
Prerequisites: BSB116
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: COB207
Campus offered: GP **Semester offered:** 1

► AMB203 INDEPENDENT STUDY
An opportunity for advanced level 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 hours:** 3 per week
Incompatible with: COB206
Campus offered: GP **Semester offered:** 1, 2

► 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 management of the advertising function. The unit traverses the interrelationship of the institutions of advertising, the advertisers, the advertising agencies, and the media. It introduces research and details methods of determining advertising objectives, budgets, establishing target audiences, interpreting audience ratings and circulation figures, and enables learners to gain a preliminary understanding of the creative functions of the advertising industry. It also shows the ethical and legal side of advertising and its important role in society and the economy.
Courses: BS50, BS56, IF05, IF09, IF27, IF28, IF30, IF41, IF47, IF48, IF 61, IF62
Prerequisites: BSB116; or 48 credit points of approved prior study for non-Bachelor of Business students only
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: COB308
Campus offered: GP **Semester offered:** 1, 2

► AMB221 ADVERTISING COPYWRITING
This unit is an important base for further study in advertising and is one of the foundation areas of advertising. Students are introduced to the principles, theory, research and practice relating to the creation of advertisements. The unit begins with an understanding of the creative process and its role in developing creative strategy. The duties of the advertising copywriter are examined, as is the relationship between advertising copy and art. Practical work involves 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.
Courses: BS50, BS56, IF05, IF09, IF27, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: AMB220
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, media comparisons, and trends. In-depth analysis of advertising media will allow learners to develop an understanding of the characteristics of each. The application of the concepts of media decision-making, media strategy and research to the development of a media plan will be emphasised.
Courses: BS50, BS56, IF05, IF09, IF27, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: AMN220
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 impact of the Internet on consumer behaviour and how this translates into the marketing mix and marketing communications is analysed. Learners will develop skills in strategic planning, creative strategy and design, media planning, research and campaign evaluation.
Courses: BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: BSB112; or 48 credit points of approved prior study for non-Business students only
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: COB218
Campus offered: GP **Semester offered:** 1, 2

► AMB231 MARKETING COMMUNICATIONS REGULATIONS & ETHICS
This unit uses a case study approach and starts from the fundamentals of legal compliance through trade practices and fair trading legislation, then moves to the adoption and adherence of the variety of industry based and professional codes. It examines regulatory models in sunrise industries such as broadcasting and telecommunications as well as the problems of cross-jurisdictional regulation posed by Internet based commerce. It offers students the opportunity to develop generic attributes in critical thinking, problem solving, and ethical sensitivity.
Courses: BS50, BS56, IF05, IF09, IF27, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: AMB220 or AMB240 or AMB260
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: COB307
Campus offered: GP **Semester offered:** 2

► AMB240 MARKETING PLANNING & MANAGEMENT
This unit extends the student's knowledge of the fundamental marketing concepts and theories introduced in the Faculty Core unit in Marketing, by adding further breadth and depth of knowledge of marketing and developing skills in the application of this knowledge to marketing planning and management within the business environment. Emphasis is on the role of the marketing manager at the product management level in undertaking analysis, planning, implementation and control of marketing activities. Application skills are learned through the development of a marketing plan incorporating the pivotal steps of: environmental analysis; sales forecasting and budgeting; market segmentation, targeting and positioning; consumer analysis; setting marketing objectives; product development and management; promotion; distribution; pricing and the various implementation and control issues.
Courses: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: BSB126
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MIB217
Campus offered: GP **Semester offered:** 1, 2

► AMB241 E-MARKETING STRATEGIES
e-Business and mobile commerce technologies have emerged as defining technologies for companies in the 21st century. This unit focuses on e-marketing applications and strategies and the marketer's role in developing solutions that integrate new and old economies. Drawing on their knowledge of marketing principles, students will examine the diverse applications of technology in product and service design; product distribution/service delivery and logistics; promotional strategies and other marketing components. The unit also explores the role of emerging electronic models and the use of e-marketing strategies to achieve global competitive advantage.
Courses: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: AMB240
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MIB224
Campus offered: GP **Semester offered:** 1, 2

► AMB250 BUSINESS TO BUSINESS MARKETING
This unit addresses the special characteristics of Business markets and Business-to-Business (B2B) marketing programs. It involves the study of organisational buyer behaviour and the special customer/client relationships that form an important part of the Business-to-Business marketing process. Business markets constitute a powerful and essential part of the world economy, being a preliminary source for retailing and manufacturing operations and the force behind major services sectors in supplying government and non-government services including health and education both domestically and internationally.
Courses: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: AMB240
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MIB220
Campus offered: GP **Semester offered:** 2

► AMB251 INNOVATION & MARKET DEVELOPMENT
This unit covers the dynamics of product innovation and market development within the mix of core marketing activities in organisations operating in both national and international markets. Products are defined in the broadest sense to include both tangible and intangible and the various categories of consumer, industrial, services, events and so on. The course covers such areas as product market analysis, the product development process, design, innovation, research and testing, branding and packaging, and investment analysis. The learning methodology will be mostly experiential and may include some hands-on computer usage, visits to industry where relevant and specific practical exercises.
Courses: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: BSB126
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MIB227
Campus offered: GP **Semester offered:** 1

► AMB260 PUBLIC RELATIONS THEORY & PRACTICE
This unit introduces the student to the theory and research that serves as the foundation of the practice of public relations. The unit surveys the history of the discipline, the theories on which the discipline is based, and current models of practice. The unit focuses on understanding how to research and analyse the opinions of organisational publics in order to develop mutually beneficial relationships with those publics.
Courses: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: BSB126 or 48 credit points of approved prior study for non-Bachelor of Business students only
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: COB325
Campus offered: GP **Semester offered:** 1, 2

► AMB261 MEDIA RELATIONS & PUBLICITY
This unit will reflect the strong emphasis within public relations practice of media relations. It will introduce students to the theory of media effects and the role of mass media in public opinion formation and how these concepts contribute to campaign planning. It will also provide students with practical instruction in the development of media tools including media releases, media kits and media plans, and the use of publicity events in campaigns. New/interactive media will also be addressed.
Courses: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: AMB260
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: COB329
Campus offered: GP **Semester offered:** 1, 2

► AMB262 PUBLIC RELATIONS WRITING
This unit will introduce students to a range of public relations writing needs. With heavy practical emphasis, the students will create a substantial portfolio of writing across controlled and uncontrolled media. Writing for print and electronic forms will be covered as well as new/interactive media. The writing process will be examined from the perspective of audience needs and emphasis will be placed on the research components of writing exercise as well as the writing/rewriting cycle.
Courses: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: AMB260
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: COB326
Campus offered: GP **Semester offered:** 1, 2

► AMB280 MARKETING LOGISTICS
Marketing Logistics provides an introduction to the study of logistics and its role in marketing. Marketing logistics is concerned with the planning, development, maintenance and control of the system of supply and distribution activities

that place the organisation's product or service in the hands of its customers. The subject is designed to enable students 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 covers: purchasing and procurement, manufacturing and distribution strategies, quality, inventory costs and control, warehousing and transportation, location, and international logistics issues. Plant visits are an important part of the learning process.
Courses: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: BSB126
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 as they affect promotional strategy and the choice of promotional mediums, tactical solutions and related planning. The development of integrated marketing communications strategies within organisations including 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, personal selling and direct marketing are then undertaken.
Courses: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: BSB116
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 undertake a preferred study program within the Advertising, Marketing or Public Relations framework. Students are required to submit a number of reports reflecting the theoretical concepts acquired during the degree program, and how they might be applied in practice. Students must obtain the approval of the Major Coordinator prior to enrolling in this unit.
Courses: BS50, BS56
Prerequisites: AMB221, AMB222 or AMB241 or AMB261, AMB262 and subject to the approval of the Major Coordinator
Corequisites: AMB320 or AMB340 or AMB360
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MKB105
Campus offered: GP **Semester offered:** 1, 2

► AMB320 ADVERTISING MANAGEMENT
This unit takes the perspective of the Advertising Manager and addresses the use of research in developing, implementing, managing, and assessing a successful advertising campaign. In Advertising Management, learners use the case method of learning to examine the advertising process from its place in the marketing mix to the formulation of objectives, strategy and budget to the development of creative and media tactics and their ongoing evaluation. In addition, issues that impinge upon the advertising campaign management process such as legal and ethical issues, globalisation and the client-agency relationship are discussed.
Courses: BS50, BS56, IF05, IF09, IF27, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: AMN221, 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 a client brief. Students develop advertising solutions that incorporate all aspects of an advertising campaign, including objectives, budgeting, message development, message delivery, and measurement. The key emphasis is on the use of research to develop sound advertising strategy, which is then executed as creative and media ideas and evaluated through ongoing benchmarks.
Courses: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: AMB221, AMB222
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 and applied skills introduced to students in copywriting, media and advertising management. It explores important issues such as the contribution of research to the creation of advertising; the hierarchical development of strategy from marketing and IMC strategy through to advertising, media and creative strategy; the role of the strategic planner in advertising and the use of planning to deliver more effective advertising solutions. Using problem-based learning, students establish benchmarks to evaluate advertising 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 foundation role in integrated marketing communication (IMC) and its increasing share of the marketing communication budget. This unit focuses on the principles of direct marketing and the role of the database in locating prospects, understanding their needs, tracking customers and building stakeholder relationships. It examines the components of direct marketing - telemarketing, personal selling and direct response advertising. As the main communication discipline of direct marketing, the emphasis is on direct response advertising, as students analyse the strategy, creative, media and testing and evaluation of direct marketing campaigns.
Courses: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: AMB220 or AMB202
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: COB315
Campus offered: GP **Semester offered:** 1

► AMB340 SERVICES MARKETING
The services sector accounts for around three quarters of GDP and over 80% of Australia's workforce reflecting global trends in the growth of the sector. This unit explores the special characteristics of services that distinguish the marketing of services from goods. Topics include the distinctive aspects of consumer decision-making relative to services and the implications for marketing strategy formation; the management of demand and supply; customer services and its influence on service satisfaction; service quality management and measurement; internationalisation of the service sector and distribution modes for services which reflect the significant impacts of new technologies on service delivery. The subject provides students with core disciplinary knowledge required in diverse marketing contexts such as professional service firms and consultancies, finance and banking, public sector services eg. education, health and the tourism and hospitality sector.
Courses: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: AMB240
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MIB311
Campus offered: GP **Semester offered:** 1, 2

► AMB341 STRATEGIC MARKETING
Strategic Marketing is the capstone-marketing unit that further extends the knowledge and skills introduced and developed in previous marketing units. Emphasis is on the role of the marketing manager at the corporate and strategic business unit/division levels. Students are exposed to a variety of strategic marketing techniques and issues through lectures and case studies and learn how to adopt and apply these in the business environment at the higher levels of corporate planning and management. Students will develop their knowledge and skills of strategy through using various tools of analysis and strategic decision-making. These include: developing and critiquing strategic marketing planning models; analysing internal and external environmental factors; determining what marketing strategy can realistically accomplish for a business; identifying underlying factors that must be considered in developing marketing strategy; discussing problems and their related solutions to achieve strategic marketing success; recognising the importance of a customer focus in developing marketing strategy; and, organising for successful strategy implementation.
Courses: BS50, BS56, IF05, IF09, IF28, IF30, IF37, IF41, IF48, IF56, IF62, IF72
Prerequisites: AMB240
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 relative emphasis on transactions and/or relationships in interfacing with the market provides a platform for examining the approach to sales management, including personal selling principles and ethics, the setting of sales objectives, selling logistics, account and territory management, sales force planning, recruitment and motivation and evaluation of sales performance.
Courses: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: AMB240 or AMB202
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MIB230
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 destination mix and how marketing is applied within elements of that mix. Services marketing concepts and theories of tourist behaviour are utilised in the analysis of the tourism experience; processes of destination and product development to meet market needs; and, strategy development to accommodate domestic and international tourism marketing environments. Macro-environmental issues impacting on tourism such as sustainability of the industry and environment, the socio-political context in which marketing occurs and global trends in travel are also explored for their marketing implications.
Courses: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: AMB240
Credit points: 12 **Contact hours:** 3 per week

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 are examined in this unit. Decisions related to sales forecasting, market analysis, product planning, pricing, promotion and distribution are viewed from quantitative and qualitative perspectives. Students are exposed to computer software and analysis skills that aid the marketing decision process and build their analytical skills of direct relevance in marketing practice. The unit also embraces the analysis and application of marketing information systems including database marketing and the Internet as a marketing information resource.
Courses: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: AMB240
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MIB320
Campus offered: GP **Semester offered:** 2

► AMB353 RETAIL MARKETING
This unit focuses on the dynamics of the retailing industry. It provides students with detailed knowledge of the various approaches to how retail marketing is conducted nationally and internationally from both an operational and a strategic perspective. The unit provides a balance of theory and application in topics such as retail institutions and the retail life cycle, store location analysis, store layout, planning and design, merchandising, promotion and stock planning, franchising, and industry trends.
Courses: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: AMB240
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MIB229
Campus offered: GP **Semester offered:** 2

► AMB354 EVENTS MARKETING
Events have become significant strategic marketing tools for positioning products/services, industries, destinations and community interests at the local, national and global levels. Events are both a service product experience and a powerful integrated marketing tool for their private and public sector stakeholders. The unit initially explores various typologies, roles and objectives of events and the profile and motives of event markets and stakeholders. Key topics that are subsequently covered include: processes of attracting or developing the event experience including bidding processes; partnership creation with sponsors, media and community (including volunteers); venue selection and design relative to market/stakeholder needs; ticketing/pricing or access management and imaging the event from an integrated marketing communication perspective. A range of local and international cases is used to illustrate all elements of events marketing strategy.
Courses: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: AMB240
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MIB319
Campus offered: GP **Semester offered:** 1

► AMB360 CORPORATE COMMUNICATION MANAGEMENT
The unit explores the corporate communication management function within an organisation and identifies how decisions about the use of various corporate communication solutions are made. Emphasis will be placed in this unit on the role of corporate communication in management systems, the nature and processes of information management in corporate communication and environmental analysis. The unit will also draw on contemporary issues in corporate communication management including issues management, ethical and legal considerations in practice and the role of corporate communication in organisational change.
Courses: BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: AMB261, AMB262
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: COB324, AMB382
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. It is designed to meet the students' interests in understanding how various campaign elements come together and to test their ability to integrate their prior learning in the introductory theory and practice units. To service the practice elements of public relations implementation, the unit incorporates a number of client service aspects. Students will be expected to research, develop and present their plans. This unit incorporates real world clients to enhance the students' portfolios.
Courses: BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: AMB261, AMB262
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: COB323, AMB381
Campus offered: GP **Semester offered:** 1, 2

► AMB370 PUBLIC RELATIONS CASES
This unit will provide students with an understanding of a wide range of public relations challenges in order to build a better range of experience with management level organisational issues. Australian and international cases will be used to explore different components of public relations practice.
Courses: BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: AMB261, AMB262
Credit points: 12 **Contact hours:** 3 per week
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
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 print product, as a valuable 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, IF27, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: COB325, COB329
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AMB262
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 public relations 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 managing of campaigns, problem-solving, planning and organising special events and media relations. Specialist practitioners are invited to impart their experience in the field. The major assignment is a campaign for a community organisation, which is conducted with students working in small groups.
Courses: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: COB326, COB329
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: COB323, AMB361
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 strategic public relations planning. 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 several fundamental theories and concepts, which form the theoretical foundation for understanding individual and group behaviour and how marketers use this knowledge in formulating strategies that help to predict and explain this behaviour.
Courses: 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: 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 ENQUIRY
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: BS63, 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 through the rest of the course.
Courses: BS39, BS92, BS93, BS95
Prerequisites: PG only
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MKN413
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 setting of advertising objectives, and the need for coordination of these with marketing, communication and organisational objectives. It develops a sound understanding of advertising regulations and ethics, budgeting, research and campaign coordination. It further examines management's participation in the creative, media and production processes, and the contribution of advertising management to the cohesion and creativity of the agency.
Courses: BS39, 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 any advertising campaign is the media strategy. This unit examines ways to improve efficiency in media planning, buying, coordination and research. It examines concepts of media decision-making, market targeting through the creative use of media, and strategic planning. It explores current media campaigns, and encourages the development of a more creative and integrated approach to media.
Courses: 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 process, creative thinking, the use of appeals and execution styles, how they affect the creative impact of a campaign, and the message development of the communication 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 advertising acquired through prior studies and professional experience. The unit helps learners develop the skill and perspective to understand and critically analyse the process of planning for the development of advertising campaigns. In addition to learning about the advertising planning process, learners will develop an advertising campaign, including the strategy 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 profit and non-profit organisations 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: 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: MIN423
Campus offered: GP **Semester offered:** 1

► AMN444 SERVICES MARKETING
This unit introduces a framework for studying services and explores both strategic and operational issues including the design and delivery of services; the formulation of communication strategies; definition, measurement and implementation of customer focused marketing programs in service industries; and the establishment and maintenance of relationships with customers.
Courses: 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 MARKET MANAGEMENT
This is a capstone unit which aims to ensure students can manage the complete marketing function at a senior level within a corporation, and includes assessing the marketing function's performance with appropriate tools to diagnose, assess, track and evaluate performance and to modify processes to improve the function. Links between the marketing function and other functions of a business such as accounting, operations and human resources will be drawn, so that the student would be in a position to move.
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:** 2

► AMN460 CORPORATE AND INVESTOR RELATIONS
Reviews all aspects of the public relations function in communicating with financial markets. 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

► AMN461 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 media, print media, trade media, and news media. Producing and evaluating communication materials such as news releases, features, and media kits forms an important part of this unit. Students will develop strategic thinking through analysis of contemporary media case studies.
Courses: 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 on 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 predicative information needs of corporate management related to public opinion.
Courses: BS39, BS72, BS93
Prerequisites: PG only
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 2

► AMN464 PUBLIC COMMUNICATION
Explores the scope and context of public communication campaigns - how they are 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 methods of communicating with different groups within society. Students will explore areas of specialisation including issues management, 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

► AMN466 CORPORATE COMMUNICATION STRATEGY
This unit provides learners with an understanding of the development and analysis of communication strategy in public relations, advertising, and organisational communication. Students explore case studies to treat issues related to competitive and corporate advantage based on analysis of the 'fit' between environmental factors and organisational resources. Case study analysis includes identification of communication problems and development of communication strategies. The primary outcomes for the unit focus on the refinement of analytical skills for strategic communication planning and management.
Courses: BS63, BS72, BS88, BS92, BS93
Prerequisites: PG only
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: CON406
Campus offered: GP

► AMN467 PUBLIC RELATIONS CAMPAIGNS
This unit provides a systematic exploration of the planning, and the management and evaluation of public relations campaigns and programs. The primary goal of the unit is to build a detailed understanding of existing theory and research that informs the development and evaluation of public relations campaigns. The unit focuses on key problem areas of campaign management including the nature of mass media effects in public relations campaigns, the identification and analysis of public opinion to support campaign planning and strategy, techniques of audience segmentation, communication mix strategy, and techniques for measuring and quantifying the effects of public relations campaigns.
Courses: BS39, BS72, BS93
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 2

► AMN468 ISSUES AND CRISIS MANAGEMENT
Examines the strategic management of crisis communication including pre-crisis planning, issues identification, audience prioritisation, strategy formulation, tactical planning and implementation and evaluation. The subject covers both internal and external communication during times of crisis. Pre-crisis issues in management will be addressed as well as proactive and defensive communication strategies during crisis. The unit will demonstrate the application of general communication tools to a specialised area.
Courses: BS93, BS39, BS72
Prerequisites: PG only
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: CON408
Campus offered: GP **Semester offered:** 1

► ARB043 ELECTIVE 3
Elective unit drawn 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: BN31
Credit points: 6 **Contact hours:** 2 per week

► ARB081 HISTORY, THEORY & CRITICISM OF URBAN DESIGN
Analysis of urban forms and systems in the pre-industrial, industrial and post-industrial periods. Specific history topics include urban activities, urban culture and diversity, urban services and urban form. This unit addresses concepts of 'good theory' of urban design in relation to the work of a number of theoretical writers and schools. Specific theoretical topics include the 'kunstlerichsen Grundsatzen' of Camillo Sitte, the Garden City movement, Le Corbusier and modernism, the counter-modern influences of the townscape movement, Jane Jacobs, Kevin Lynch and the Responsive Environments approaches, Christopher Alexander, Rapoport, phenomenological approaches, and recent movements such as 'the new urbanism'.
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 unit will typically involve a theory-based preparation of an urban design proposal for an urban/suburban/town area, and/or an urban design issue. Where applicable, work in other units of study will be incorporated into this unit. The 24 credit points allow focus, depth and, where appropriate, joint/complementary project work with senior students in other Faculty courses. Fieldwork will be incorporated.
Credit points: 24

► ARB083 URBAN DESIGN MASTERS STUDIO
An advanced level urban design project, supported by seminars and presented by staff, students, and visiting lecturers and distinguished practitioners. This studio will focus on changes in the production and consumption of the city, including the effects of globalisation, space-time compression, economic rationalism, and the privatisation of space, services, and professional activities.
Prerequisites: Completion of Graduate Diploma coursework
Credit points: 24

► ARB801 FIRE TECHNOLOGY AND SCIENCE
Topics covered include chemistry and physics of fire; heat transfer mechanisms; combustion processes; fire behaviour of materials; fire initiation and development; fire growth and spread; flashover; management of fire; theory of fire extinguishment; detection and extinguishment systems; fire brigade involvement.
Courses: AR65 **Credit points:** 12

► ARB802 HUMAN BEHAVIOUR AND FIRE
Effects of fire on life and property and community costs; human studies and response models; hazardous fire environments; egress calculations and models; human behaviour: occupant characteristics, behaviour during emergencies, response times; risk management-Probabilistic fire models.
Courses: AR65 **Credit points:** 12

► ARB803 FIRE AND BUILDING LEGISLATION
Society's expectations for life safety and asset protection; traditional prescriptive approach; performance principles and methodology; state legislation (administrative framework); PBCA 96 and Australian Standards (technical framework); legal issues related to PBCA process and procedural matters; integrated approval (dangerous goods, health care, etc.)
Courses: AR65 **Credit points:** 12

► ARB804 FIRE SAFETY SYSTEM DESIGN
Mechanics of smoke and fire spread in buildings; smoke and fire management; external fire spread and heat radiation; fire load and severity; building structural fire performance (materials & structure); fire modelling; application of fire growth models to fire protection problems; fire protection; methodology for fire safety risk assessment; estimation of fire safety performance parameters; case studies.
Courses: AR65 **Credit points:** 12

► ARP901 PHYSICAL ENVIRONMENT OF HEALTHY BUILDINGS
The unit addresses the health requirements of air quality, water supply, and hygiene requirements of building services. Design, control and monitoring of thermal, lighting and acoustic environments and the supply and maintenance of acceptable air and water quality will be studied. Case studies will illustrate the problems and their possible solution. Biological and chemical contaminants, air and water borne diseases and their transmission will be addressed.
Courses: AR66 **Credit points:** 12

► ARP902 MANAGEMENT OF HEALTHY BUILDINGS
Methods, systems and models by which healthy buildings are facilitated will be studied, including existing health and safety requirements, the legal responsibility and liability of owners, designers and managers of buildings. Building design briefs will be studied, including codes, standards, legislation to arrive at design and maintenance standards of acceptable solutions, facilities management and maintenance planning will be studied. Post-occupancy evaluation and assessment of building performance will be covered.
Courses: AR66 **Credit points:** 12

► ARP903 BUILDING DIAGNOSTICS
Systems of diagnostics, including methods of detection, examination and identification of symptoms, procedures of reporting designed to determine the state of health of buildings will be studied. Diagnosis, prognosis, remedies and an evaluation of their effectiveness will be illustrated through case studies. Legal procedures through the courts including forensic evidence and coronial inquiries will be demonstrated.
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, IF62, IF72, IT20, PU40
Prerequisites: BSB111 or BSB114
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ALB110, ACB140, ACB371, BSB213, LW3001, LW3013
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 requirements; and the nature of a professional practice. Topics include: the formation, operation, financial reporting and disclosure for both Partnerships and Companies, accounting for leases; and the professional role of accountants.
Courses: BS50, BS56, ED50, IF37
Prerequisites: BSB110
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AYB111, ACB115, ACB210, AC3001, AC3014
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, creditable acquisitions; analysis of GST-free supplies and input taxed 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 the major disclosure orientated 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 necessitated by winding up/liquidation; accounting for foreign currency transactions arising from international trading and financing; and the translation of the results of foreign operations.
Courses: BS50, BS56, ED50, IF37, IF72, IF48
Prerequisites: AYB121
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AYB112, ACB212, ACB412, AC3003, AC3016
Campus offered: GP **Semester offered:** 1, 2

► AYB221 COMPUTERISED ACCOUNTING SYSTEMS
This unit provides an examination of the concepts, processes and issues relevant to computerised accounting systems including accounting information systems; internal controls; design and development of computerised accounting systems including general ledger and reporting cycle, revenue cycle, expenditure cycle, 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 and interactive multimedia software such as Accounting Information Systems Cycles.
Courses: BS50, BS56, ED50, IF37, IF72
Prerequisites: BSB110, BSB112 or ITB412
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AYB222, AYB101, ISB492, AC3010, AC3033
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 on companies: incorporation requirements, classification, share capital, and management issues.
Courses: BS50, BS56
Prerequisites: AYB120 (JSB086 and JSB087 for Education students)
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ALB122, ACB240, LW3002, LW3014
Campus offered: GP **Semester offered:** 1, 2

► AYB225 MANAGEMENT ACCOUNTING 1
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: BS50, BS56, 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 INTERNATIONAL 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 practices; cultural influences on accounting; international financial reporting issues such as international business combinations, intangibles, foreign currency transactions and translation, comparative international analysis of financial statements; and global accounting issues in the twenty-first century.
Courses: BS56 **Prerequisites:** BSB110
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1

► AYB301 AUDITING
This unit enables students to comprehend the key concepts of auditing as a discipline, to demonstrate the relationship between auditing and the systems of accountability and to demonstrate the differences between manual and EDP audit processes. The unit builds on the knowledge of accounting and accounting standards acquired in prior units by enabling students to understand in detail the audit process (including professional auditing standards and techniques) which leads to the auditor providing an opinion on the truth and fairness of financial reports of various types of entities.
Courses: BS50, BS56, ED50, IF28, IF30, IF37, IF47, IF62, IF72
Prerequisites: AYB220
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AYB210, ACB311, AC3005, AC3018
Campus offered: GP **Semester offered:** 1, 2

► AYB305 COMPANY LAW & PRACTICE
Advanced topics in company law including: protection of minority interests; dividend policy; insider trading, takeovers and buy-backs, law relating to financially troubled companies.
Courses: BS50, BS56 **Prerequisites:** AYB223
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ALB120
Campus offered: GP **Semester offered:** 2

► AYB309 COMPUTER SECURITY & AUDIT
The impact of Computer Information Systems (CIS) on controls and auditing, general controls, application controls, generalised audit software, static and concurrent computer-assisted audit techniques, and special CIS environments. A focus on the audit of the SAP R/3 system will be provided.
Courses: BS50, BS56 **Prerequisites:** AYB301
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AYB212
Campus offered: GP **Semester offered:** 2

► AYB310 COMPUTERISED ACCOUNTING APPLICATIONS
Use of software to build various accounting applications and discusses issues related to the use of such applications. Database software will be used to build parts of an accounting information system (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: BS50, BS56 **Prerequisites:** AYB221
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AYB218
Campus offered: GP **Semester offered:** 2

► AYB311 FINANCIAL ACCOUNTING THEORY
Introduces the nature of accounting theory, and integrates theory with accounting practice to assist in the understanding of major accounting issues involving the measurement of profits, assets and liabilities; history of accounting theory; positive accounting theory and capital markets research; external reporting framework including 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 insurers and superannuation funds; revaluation of non-current assets, accounting for goodwill and intangibles and accounting for the extractive industries; debt versus equity, off-balance sheet finance, accounting for financial instruments, leases, employee entitlements and superannuation plans.
Courses: BS50, BS56, ED50, IF37
Prerequisites: AYB220
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AYB113, ACB310, AC3007, AC3023
Campus offered: GP **Semester offered:** 1, 2

► AYB312 FINANCIAL INSTITUTIONS LAW
This unit deals with the regulation of banks and non-bank financial institutions, the financial institutions' scheme, banker-customer relationship, laws relating to cheques and other negotiable instruments, negligent advice by financial institutions and other possible grounds of liability in its dealings with customers.
Courses: BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF60, IF62
Prerequisites: AYB120 (JSB086 and JSB087 for Education students)
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ALB103
Campus offered: GP **Semester offered:** 1

► AYB313 GOVERNMENT ACCOUNTING
This unit is designed to expose students to the context and operation of accounting in the public sector. Government accounting and budgeting practice is reviewed, and a comparison is made to private sector practice. This unit will examine several practical aspects of public sector accounting.
Courses: BS56 **Prerequisites:** BSB110
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 2

► AYB321 MANAGEMENT ACCOUNTING THEORY
This unit develops a theory of organisations that provides an understanding of the information requirements of management to facilitate the strategic planning, decision-making and control necessary for the achievement of their objectives. This unit prepares students for 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: BS50, BS56, ED50, IF37
Prerequisites: AYB225
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: FNB124, ACB321, AC3009, 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 employment, business structures, restructuring; and broad consideration of related issues, such as 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: BS50, BS56
Prerequisites: AYB328 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 including general and specific categories of assessable income and allowable deductions, capital gains tax and administration aspects of the tax system. The taxation of fringe benefits is also examined. The taxation of other entities, including companies, trusts and partnerships is also examined as well as a brief overview of the goods and services tax. Emphasis is placed on developing students' skills in problem solving through research and analysis of taxation issues.
Courses: BS50, BS56 **Prerequisites:** AYB223
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ALB132, ACB340, LW3004, LW3015
Campus offered: GP **Semester offered:** 1, 2

► AYB328 TAXATION LAW 2
This unit examines the principles governing the taxation treatment of various business entities from a domestic and international perspective. The taxation processes for partnerships, companies, trusts and superannuation funds will be analysed so that students are able to advise clients on the tax effectiveness of various business structures from a commercial and professional aspect. The unit is 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 in problem solving through research and analysis of taxation issues.
Courses: BS50, BS56 **Prerequisites:** AYB325
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AYB326, ALB133
Campus offered: GP **Semester offered:** 1, 2

► AYB333 APPLICATIONS IN ELECTRONIC COMMERCE
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 exposed to a business cost-benefit decision-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: BSB212
Campus offered: GP **Semester offered:** 1

► AYB334 PRINCIPLES OF SUPERANNUATION
The nature of superannuation; types of plans and their advantages and disadvantages; 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, BS50, IF37, IF41
Prerequisites: BSB110, BSB111 or AYB120
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 2

► AYB335 PRINCIPLES OF PERSONAL FINANCIAL PLANNING
The nature of financial planning; ethical and legal obligations of practitioners; financial planning for personal exertion income and personal expenditure, superannuation; 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, BS56, IF37, IF41
Prerequisites: BSB111 or AYB120
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1

► AYN405 ADVANCED TAX PLANNING
Application of technical expertise in income tax and other revenue laws to specific tax planning situations including employment, 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: ALN101
Campus offered: GP **Semester offered:** 1

► AYN406 CAPITAL GAINS TAX
Analysis of the capital gains tax regime, a discrete area of taxation law 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: ALN102
Campus offered: GP **Semester offered:** 1

► AYN410 BUSINESS LAW & ETHICS
Introduction to business law and to morality in the business context. Interpretation of statutes, law of torts, contract law, consumer protection and agency; morality and how it works as an aspect of the business community; the origins of moral belief, and the motives which lead people to abide by what they believe to be morally right and to persuade others to do likewise. The functioning morality in society drawing on psychological, 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: ALN103
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 EDP controls; computer-assisted audit techniques; computer fraud; sampling techniques; ethics; the audit report.
Courses: BS89
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
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 special CIS environments. A focus on the audit of the SAP R/3 system will be provided.
Courses: BS70, BS94 **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: BS89, GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92, IF64
Prerequisites: PG only; AYN416 or GSN202
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 merchandising operations and inventories; 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 company income tax (tax-effect accounting); liquidation; acquisition of assets (including entities); consolidated financial statements, 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: AYN113
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, revenues and expenses is covered. Specific accounting issues covered include: revaluation of non-current assets; goodwill; research and development; intangible assets; extractive industries; debt defeasance; 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: AYN119
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 ISSUES A
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 studies. It also introduces theoretical material emphasising a particular framework, viz. the finance-economics view. In addition, a number of new approaches 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

► 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 aspects of public sector accounting.
Courses: BS70, BS94 **Prerequisites:** PG only
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: FNN111
Campus offered: GP **Semester offered:** 1

► AYN433 SPECIAL TOPIC IN ACCOUNTING A
In this unit, students research an Accounting topic chosen by the student 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 School of Accountancy's Working Paper Series. Subjects may be chosen from a broad variety of topics including accounting theory, financial accounting, management 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
Campus offered: GP **Semester offered:** 1

► AYN438 TAXATION LAW & PRACTICE
This unit introduces students to the statutory framework of the Australian taxation system. Elements in the determination of taxable income and the levy of income tax are examined including general and specific categories of assessable income and 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 covered briefly. Emphasis is placed on developing students' skills in problem solving through research and analysis of taxation issues.
Courses: BS30, BS89, GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92
Prerequisites: PG only, AYN412
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1

► AYN439 MANAGEMENT ACCOUNTING
This unit covers planning and control; decision-making and relevant costs; responsibility accounting; cost allocation; pricing techniques; transfer pricing; performance evaluation; operations research techniques; and contemporary management accounting issues such as activity based costing, value-added management, just-in-time systems, total quality management and strategic management accounting.
Courses: BS89, GS10, GS11, GS13, GS85, GS86, GS87,GS90, GS91, GS92, IF64
Prerequisites: PG only, AYN414
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1

► AYN442 SUPERANNUATION
Government retirement income policy; an evaluation of superannuation; inquiries into superannuation; taxation of superannuation; types of plans and their advantages and disadvantages; Australia's superannuation regulatory system; critical evaluation of same; accounting for superannuation plans and employee entitlements; audit of superannuation plans; critical evaluation of same; performance evaluation of superannuation plans; contemporary issues in superannuation.
Courses: BS70, BS94
Prerequisites: PG only
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 2

► AYN443 ELECTRONIC COMMERCE CYCLES
This unit provides an examination of the concepts, processes and issues relevant to computerised accounting systems including accounting information systems; internal controls; design and development of computerised accounting systems including general ledger and reporting cycle, revenue cycle, expenditure cycle, payroll cycle and production cycle; computer fraud 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 and interactive multimedia software such as Accounting Information Systems Cycles.
Courses: BS89, GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92
Prerequisites: PG only, AYN416 or GSN202
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 conducted 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 case studies in e-commerce.
Courses: BS70, BS94, GS85, GS86
Prerequisites: PG only
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:** 1

► AYN448 MANAGEMENT OF ELECTRONIC BUSINESS PROCESSES
This unit is concerned with managing 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 system cycles linking concepts to the SAP R/3 FI - Financial Accounting Module functionality, general ledger accounting, subledger accounts - accounts receivable and accounts payable, authorisations for the FI Module, customising 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
Advanced study of accounting information system cycles linking concepts to the SAP R/3 CO - Controlling and SD - Sales & Distribution Modules functionality, cost centre accounting, sales order processing, pricing, billing, shipping, internet sales, customising the CO and SD Modules, 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:** 2

► AYN451 PHILANTHROPIC & NONPROFIT GOVERNANCE & ECONOMICS
The unit explores contemporary understandings of philanthropic and nonprofits governance in the context of social, economic and political systems. It locates these understandings in various theoretical and descriptive frameworks providing students with both the knowledge and analytical skills that are necessary to reflect critically on philanthropy and non-profit governance systems. The paradigm of economics used in the governance process forms a significant part of the course.
Courses: BS39, BS93, BS94, BS95, BS98, GS10
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1

► AYN452 LEGAL & ACCOUNTING ISSUES FOR PHILANTHROPIC & NONPROFIT ORGANISATIONS
The unit introduces students to critical issues of philanthropic and non-profits law, taxation and accounting. The unit will examine the regulatory, taxation and governance framework of non-profits organisations and philanthropic transactions in Federal and State jurisdictions. The unit also explores non-profits external and internal accounting systems crucial to governance functions. The external financial reports provide financial information principally for external users such as members, patrons, funders, and regulators. The internal management accounts address techniques that provide management at all levels with information for use in planning, controlling and decision-making.
Courses: BS39, BS93, BS94, BS95, BS98, GS10
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 2

► AYN505 ACCOUNTING HONOURS - A
This unit covers certain types of empirical and analytic accounting research. It examines positive empirical research into accounting information utilisation both within the firm and as prepared for external stakeholders. This leads into an application of the costly contracting theory of the firm to gain an understanding of the role that accounting and auditing play, in the contracting and governance processes. Specific topics covered include: transaction cost economics; accounting aspects of corporate governance; incentive problems and financial contracting solutions associated with the issue of equity, debt and management compensation; and determinants of accounting policy choices.
Courses: BS63, BS70, BS92, BS94
Prerequisites: PG only
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1

► AYN506 ACCOUNTING HONOURS - B
This unit prepares students for a world of unstructured problem solving and develops skills in managerial decision-making by the use of current research articles and case studies. 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 prob-

lem. Management of control systems, performance evaluation and compensation incentives and decision-making in regard to cost, profit and investment centres, are examined using recent research. Organisational issues of transfer pricing, using relevant research. New management accounting practices around the world, including activity-based costing, balanced scorecard and economic value added are evaluated, using the latest research, as techniques for adding value to the firm.
Courses: BS63, BS70, BS92, BS94
Prerequisites: PG only
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1

► AYN507 BUSINESS LAW HONOURS
This unit examines the law governing the operation of capital markets in Australia. In particular, it examines the theoretical and policy bases for Australian capital markets' law and makes extensive use of law and economics' literature. The extent to which efficiency, investor protection and public interest concepts are balanced in the law is also considered.
Courses: BS63, BS70, BS92, BS94
Prerequisites: PG only
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1

► BNB007 PROFESSIONAL STUDIES 1
The unit seeks to introduce students to the concept of professionalism and core components of professional practice; social responsibility, personal (interpersonal and cross cultural) responsibility; environmental; engineering writing; technical presentation; graphics and generic computing skills. The unit provides opportunities to apply understanding to case study scenarios and develop problem based learning skills. It focuses on the roles and responsibilities of engineers and specifically, the engineer as communicator, collaborator and negotiator, in changing national and international contexts.
Courses: CE33, CE44, CE45, EE41, EE42, EE48, ME40, ME41, ME42,IF21, IF50, IF59, EE46, EE47
Credit points: 12 **Contact hours:** 5/6 per week
Campus offered: GP **Semester offered:** 2

► BNB011 FUNDAMENTALS OF SYNTHETIC ENVIRONMENTS
This unit provides an overview of Synthetic Environments focusing on the application to Design and Engineering disciplines as a too for enhanced communication within a design process. The theory (lecture) component provides an overview of historical and contemporary issues related to synthetic environments, whereas the tutorials provide the necessary computer laboratory skills for the creation of a virtual world. Prior knowledge of 3D CAD is assumed.
Credit points: 12

► BSB110 ACCOUNTING
Accounting data is the basis for decision making in any organisation. Accordingly, the aim of this unit is to provide you with some basic knowledge of modern financial and managerial accounting theory and practice so that you can understand how accounting data is used to help make decisions in organisations. The unit covers financial procedures and reporting for business entities; analysis and interpretation of financial statements; planning, control and business decision-making.
Courses: AA21, BS50, BS56, ED23, ED50, IF26, IF37, IF41, IF52, IF54, IF56, IF60, IF72, IT20, PU40
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AYB100, AYB110, AYB105, AC3013, ACB110, AC3000, ACB111
Campus offered: CA, GP**Semester offered:** 1, 2

► BSB111 BUSINESS LAW & ETHICS
This unit integrates the concepts, principles and entities of business law with the theories and applications of business ethics. Recognising that law represents a codification of the ethical values of the community, the unit makes extensive use of cases in law and ethics to develop knowledge and skills which enable students to analyse, apply and evaluate the legal principles and ethical decision-making processes relevant to modern business practice.
Courses: BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF60, IF61, IF62, IF72
Credit points: 12 **Contact hours:** 3 per week
Campus offered: CA, GP
Semester offered: 1, 2

► BSB112 INTRODUCTION TO ELECTRONIC COMMERCE
This unit provides students with an introduction to electronic commerce, business and information technology systems. Relevant practical cases are used to enhance students' understanding of the computing, communications and information systems technologies underlying electronic business systems in use across the world. In addition, the unit provides students with a practical exposure to business software such as word processing, graphics, and spreadsheeting and guides students in using these techniques as solutions to business information problems.
Courses: BS50, BS56, ED50, IF26, IF37, IF41, IF60, IF72, PU40
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ISB892, ISB392, FNB102, AC3032, CO3022
Campus offered: CA, GP
Semester offered: 1, 2

► BSB113 ECONOMICS
Introduces students to the key economic concepts and their practical applications. It comprises twelve topics each focusing on a current economic issue. These issues relate to the economics of the standard of living, inflation and unemployment, money and banking, saving and investment, the balance of payments and international trade, and microeconomic behaviour and reform.
Courses: BS56, ED50, IF26, IF28, IF30, IF37, IF41, IF47, IF48, IF56, IF60, IF61, IF62, IF72
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: EPB116 and EPB172, EPB140 and EPB150
Campus offered: CA, GP
Semester offered: 1, 2 (CA); 1, 2, 3 (GP)

► BSB114 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 will develop a comparative appreciation of the principles, institutional arrangements and practices of contemporary government in a global context. This will include consideration of law-making and policy processes and the impact of the changing national and international environment.
Courses: BS50, BS56, IF26, IF28, IF30, IF37, IF41, IF47, IF48, IF56, IF60, IF62, IF72
Credit points: 12 **Contact hours:** 3 per week
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 management and organisations. Emphasis is on the conceptual and people skills that will be needed at all levels of management and in all areas of organisational life. The unit acknowledges that organisations exist in an increasingly international environment where the emphasis will be on knowledge, the ability to learn, to change and to innovate. Organisations are viewed from individual, group, corporate, and external environmental perspectives.
Courses: BS50, BS56, ED50, IF26, IF28, IF30, IF37, IF41, IF47, IF48, IF56, IF60, IF62, IF72, IT20, PU40
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: BSB102, 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 relating to 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: BS56, ED23, ED50, IF05, IF09, IF27, IF37, IF41, IF47, IF48, IF60, IF61, IF62, IF72
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MKB140
Campus offered: CA, GP**Semester offered:** 1, 2

► 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 presentations.
Courses: BS56, ED50, IF05, IF09, IF27, IF28, IF30, IF37, IF41, IF47, IF48, IF60, IF61, IF62, IF72
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: COB160, COB106, COB205
Campus offered: CA, GP
Semester offered: 1, 2 (CA); 1, 2, 3 (GP)

► BSB212 ELECTRONIC BUSINESS APPLICATIONS
Looks at the ways in which organisations adopt and use various Electronic Business applications in areas of e-commerce, business-to-consumer, business-to-business and intra-business relations. Business models and their impact in various industries are analysed, enabling students to assess the underlying business case, and determine the model's viability in a competitive environment. Applications of Electronic Business to areas such as marketing and advertising are introduced.
Courses: BS56, IF26, IF28, IF30, IF37, IF41, IF47, IF48, IF57, IF60, IF62, IF72
Prerequisites: BSB112 or equivalent
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AYB333
Campus offered: GP **Semester offered:** 1

► BSB213 LEGAL ISSUES IN ELECTRONIC BUSINESS
Introduces students with no formal studies in law to legal issues associated with Electronic Business. The main principles of these legal issues, and how they might be identified and managed by the use of compliance programs, are discussed. The ways in which professionals identify the key legal, governance and ethical issues associated with their Electronic Business operations are also analysed. Legal, jurisdictional and enforcement issues that arise with international Electronic Business transactions are considered.
Courses: BS56, IF26, IF28, IF30, IF37, IF41, IF47, IF48, IF57, IF60, IF62, IF72
Prerequisites: BSB112 or 96 credit points of approved study
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AYB120, AYB332
Campus offered: GP **Semester offered:** 2

► BSB310 BUSINESS & BIOTECHNOLOGY
This unit develops business skills that will enhance the ability of those operating within Biotechnology firms to capitalise on their research and development efforts. In essence this unit provides the skills-based mechanisms to develop graduates who are effective catalysts in recognising, developing and commercialising opportunities in Biotechnology.
Courses: LS50 **Prerequisites:** MGB218
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1

► BSB311 RESEARCH, DEVELOPMENT & COMMERCIALISATION STRATEGIES
Students will study strategies and approaches used in industry and government organisations for the research, development and commercialisation of biotechnology innovations. The unit offers the opportunity to read widely as well as in depth about the commercialisation of molecular biology and biotechnology research and theoretical concepts are integrated with prepared case studies prior to guest speaker seminars.
Courses: LS50 **Prerequisites:** BSB310
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: BSB212 or AYB333
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MGB334
Campus offered: GP **Semester offered:** 1

► BSB313 BUSINESS STRATEGY & TECHNOLOGY
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. Issues such as surveillance, privacy, 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: BSB212 or AYB333
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 2

► BSD110 ACCOUNTING
A study of the basic accounting process - both financial and managerial; and an introduction to the interpretation of accounting information. This unit covers financial procedures and reporting for sole traders, partnerships and companies; analysis and interpretation of financial statements; planning, control and business decision-making.
Courses: BS40, IF06
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: BSB110
Campus offered: KG **Semester offered:** 1, 2, 3

► BSD112 INTRODUCTION TO ELECTRONIC COMMERCE
Provide students with an introduction to electronic commerce and business systems. Provide students with a practical understanding of computing, communications, and information systems technologies underlying electronic business systems used both nationally and internationally. Overview 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

► BSD113 ECONOMICS
Introduces students to the key economic concepts in an intuitive and applied fashion. It comprises twelve modules each focusing on a current economic issue. These issues relate to the economics of the environment, the standard of living, inflation and unemployment, money and banking, saving and investment, international trade, the business cycle and stabilization policy.
Courses: BS40, IF06
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: BSB113
Campus offered: KG **Semester offered:** 1, 2, 3

► BSD114 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 governmental framework including the judicial and administrative processes, especially as they affect business. Students also will develop a comparative appreciation of the principles, institutional arrangements and practices of contemporary government in a global context. This unit will include law making, policy processes, the impact of a changing national and international environment, and relationships between government, business and society.
Courses: BS40, IF06
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: BSB114
Campus offered: KG **Semester offered:** 1, 2, 3

► BSD115 MANAGEMENT, PEOPLE & ORGANISATIONS
Provides an introduction to the theories and practice of management and organisations. Emphasis is on the conceptual and people skills that will be needed at all levels of management and in all areas of organisational life. The unit acknowledges that organisations exist in an increasingly international environment where the emphasis will be on information, the ability to learn, to change and to innovate. Organisations are viewed from individual, group, corporate, and external environmental perspectives.
Courses: BS40, IF06
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: BSB115
Campus offered: KG **Semester offered:** 1, 2, 3

► BSD117 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 presentations.
Courses: IF06
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: BSB117
Campus offered: KG **Semester offered:** 1, 2, 3

► BSD126 MARKETING
This introductory unit examines the role and importance of international business and marketing to the contemporary organisation. Emphasis will be given to understanding issues relating to 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
Designed to permit the student to undertake a research project, subject to the approval of the Course Coordinator.
Courses: BS30, BS91, BS93, BS94, BS98
Prerequisites: PG only **Credit points:** 12
Incompatible with: MKN101, MKN102, MKN103
Campus offered: GP **Semester offered:** 1, 2, 3

► BSN405 PROJECT 2
Designed to permit the student to undertake a research project, subject to the approval of the Course Coordinator.
Courses: BS93, BS94
Prerequisites: PG only
Credit points: 12
Incompatible with: MKN101, MKN102, MKN104
Campus offered: GP **Semester offered:** 1, 2, 3

► BSN406 PROJECT
Students in the coursework Masters program undertake a study of an applied or theoretical communication issue. This will be based on the published literature and may also involve primary research. Students may wish to undertake a study of a communication issue or problem in a particular organisation or industry. Project supervision will be arranged by the course coordinator through consultation with the student and available staff members.
Courses: BS88, BS93
Prerequisites: PG only, 96 credit points of approved prior study
Credit points: 24 **Contact hours:** n/a
Incompatible with: CON405
Campus offered: GP **Semester offered:** 1, 2, 3

► BSN409 RESEARCH PROJECT
A major piece of applied research. The research project provides the opportunity to apply and reinforce the education and knowledge gained from the course by research report, case study or application of technology. The final project must demonstrate an ability to identify and research a complex business problem in accounting, banking and finance, accounting legal studies, electronic business or related discipline.
Courses: BS94
Prerequisites: PG only, BSN506 or BSN507
Credit points: 24
Campus offered: GP **Semester offered:** 2

► BSN411 PROJECT
Students undertake an in-depth independent investigation of the efficacy of deployment practices in an organisation or across organisations. The aim of the unit is for students to integrate course work via an analysis of the practical application of quality in a real world situation. Project reports will be data based and soundly based on relevant literature.
Courses: BS93
Prerequisites: PG only
Credit points: 24
Incompatible with: BSN150, BSN149, BSN410
Campus offered: GP **Semester offered:** 1, 2, 3

► BSN412 QUALITATIVE RESEARCH
The purpose of this unit is to develop in students the ability to analyse, evaluate and conduct qualitative research in discipline areas related to business. The unit provides a basic preparation for the development of a project, thesis or dissertation proposal based on the use of qualitative research. Areas of study include research paradigms, problem identification, research design, qualitative methods of data collection, data management and interpretation, and the development and presentation of qualitative research proposals and results.
Courses: BS63, BS88, BS92, BS93, BS95
Prerequisites: PG only
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: CON500
Campus offered: GP **Semester offered:** 1, 2

► BSN501 DISSERTATION
Students undertake a study of an issue as the culmination of their Honours program. The dissertation must have a well-developed conceptual foundation and include a primary research component.
Courses: BS63 **Prerequisites:** PG only
Credit points: 48
Campus offered: GP **Semester offered:** 1, 2

► BSN502 RESEARCH METHODOLOGY
The purpose of this study is to provide students with a range of ideas and methods that will enable them to analyse, evaluate and conduct research in discipline areas related to business. It provides an essential and basic preparation for

the development of a thesis or dissertation proposal. Areas of study include: research paradigms; analysis and criticism; research design; data collection; data manipulation and interpretation; presentation.
Courses: BS63, BS92 **Prerequisites:** PG only
Credit points: 12
Contact hours: Flexible Mode
Incompatible with: BSB400
Campus offered: GP **Semester offered:** 1

► BSN503 RESEARCH SEMINAR
The aim of this unit is for the student to prepare a detailed review of the literature relevant to the thesis or dissertation proposal. Students will be required to prepare and present a detailed seminar paper describing and explaining the results of their review, and its relevance to the thesis or dissertation proposal. The unit is structured into two parts: the first provides a series of lectures from staff advising as to the requirements of a thorough, well-directed literature search and review; the second consists of a series of seminars from students presenting their findings.
Courses: BS63, BS92 **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 using such methods and for understanding recent contributions to the econometric literature
Courses: BS63, BS92, BS93, BS94, BS95, IF49
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 the philosophy of science about what constitutes the appropriate way to do social research. This part of the unit includes some common sense issues about how to conduct practical research projects. The unit then focuses on quantitative research methods. Questions of design, measurement, techniques and analysis are covered. Qualitative research issues are considered next, focusing on their counterparts in quantitative research, i.e. design, technique and analysis. Finally the unit closes with coverage of some ethical and political issues in social research.
Courses: BS63, BS70, BS92, BS93, BS94, BS95, IF49
Prerequisites: PG only
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AYN102, BSN500
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 of approximately 50,000 words.
Courses: BS92 **Prerequisites:** PG only
Credit points: 96
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; equilibrium of particle or rigid body under forces and/or moments; analytical methods for plane truss analysis; shear force and bending moment in beams; the properties of sections. Dynamics (for electrical engineering students).
Courses: CE31, CE42, 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 elasticity; second movement of area; indeterminate structures and compatibility; simple beam theory including the flexure formula and the shear stress formula; shear force and bending moment diagrams; hydrostatics, stress and strain transformation, mohr circlebeam deflections (virtual work), geomechanics applications of 2D stresses, buckling.
Courses: CE31, CE42, IF42
Prerequisites: CEB109
Credit points: 12 **Contact hours:** 5 per week

► CEB111 EXPERIMENTAL PROCEDURES, DESIGN AND ANALYSIS
A basic study of experimental procedures and measurements in civil engineering including statistical analysis and interpretation of results with linear correlation and graph plotting.
Courses: CE33
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 introduction of some 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, load factors, capacity reduction factors, 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: CE44
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 changes in the variety of products entering the market. They will understand where the engineer fits in a quality assurance program and be aware of the numerous components of quality assurance and the costs generated by quality control and assurance. They will obtain an awareness of the effect of the working environment on different engineering materials 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 design of reinforced concrete beams in bending at the strength limit state
Courses: CE44, CE33, 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 stress; permeability theory and fluid seepage in soil, with erosion and piping analysis. Soil shear strength assessment and application to retaining wall lateral pressures, retaining wall design, slope stability analysis and stabilisation. Computer simulation and analysis programs used where appropriate.
Courses: CE33, CE44, 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 fundamental understanding of how the earth's physical and environmental systems normally function and the challenges imposed on the environment as a result of human activity. This understanding is developed through the study of relevant principles of physical geology, ecology, chemistry, microbiology, energy, resources, pollution, and the interaction among population, resources and the environment. The unit also prepares students to undertake further studies in civil and environmental engineering.
Courses: CE44, CE43, IF42
Credit points: 12 **Semester offered:** 1

► CEB214 PROFESSIONAL STUDIES 3
The knowledge and skills associated with assessing, investigating, and managing the economic, social and environmental impacts of developmental projects are essential for today's civil and environmental engineers. So too is an appreciation of the skills needed to work with and communicate with interdisciplinary teams to develop balanced solutions to environmental problems associated with development. This unit of the Professional Studies strand develops students' capabilities to practice in a civil engineering project environment.
Courses: CE44, CE43, IF42
Prerequisites: CEB207, CEB213
Credit points: 12 **Semester offered:** 1

► CEB215 STRUCTURAL ENGINEERING
Most structures found in practice are statically indeterminate and they need to be analysed in order to design them. The method of moment distribution, which is 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 crane girders are important in their design. 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: CE44, CE43, IF42
Prerequisites: CEB208, CEB110
Credit points: 12 **Semester offered:** 2

► CEB216 PROJECT ENGINEERING 1
The main topics to be covered in this unit are: construction techniques including site investigation, earthworks, piling, concrete installation, steel erection and site machinery. Estimating of time and materials including productivity; the principles of planning, programming and effective economic control of projects and their application to administration, design and construction.
Courses: CE33, CE44, IF50
Prerequisites: CEB208 and CEB209
Credit points: 12 **Contact hours:** 4 per week
Campus offered: GP **Semester offered:** 2

► CEB217 HYDRAULIC ENGINEERING 1
Units and properties of fluids, pressure and pressure measurement, forces in static fluids, buoyancy and accelerating fluids, kinematics, continuity and flow nets, the energy equation, the momentum equation, experimental fluid mechanics, lift and drag, fluid flow in pipes and the application of pipe resistance formulae, fitting losses, pipes in series and parallel, pipe network analysis, hydraulic analysis of pump and pipe systems, pump types, characteristics and selection.
Courses: CE33, CE44, IF50
Prerequisites: CEB109, MAB131, MAB132
Credit points: 12 **Contact hours:** 4 per week
Campus offered: GP **Semester offered:** 2

► CEB230 MATERIALS ENGINEERING AND THE ENVIRONMENT
An understanding of the engineering materials utilised in the Civil Engineering construction 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. The course begins with an in depth presentation of the material properties and their application of civil engineering projects. An engineer must have the ability to analyse and design engineering components and systems. This requires not only an in-depth 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 of applied mechanics, and of the interaction of the components of a structure, machine, or unit. An emphasis on environmental implication will be discussed as part of the requirements.
Courses: CE46, CE44, CE45
Prerequisites: MMB131 **Credit points:** 12

► CEB232 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 includes a wide range of activities such as: site investigation and design for building, bridge and other foundations; materials selection, design and construction control for dams, road pavements and embankments; landslide stabilisation and tunnel excavation and support. The course will emphasise environmental issues such as acid sulfate soils and their effects on geotechnical designs, landfill leachate control and how they impact on the design of landfills.
Courses: CE46, CE44, CE45
Prerequisites: CEB110 **Corequisites:** CEB207
Credit points: 12

► CEB233 ENVIRONMENTAL PROFESSIONAL STUDIES 3 (IMPACTS OF PROJECTS AND SUSTAINABLE DEVELOPMENT)
The knowledge and skills associated with assessing, investigating, and managing the social and environmental impacts of developmental projects are essential for today's civil and environmental engineers. Environmental engineers need to be trained to conduct and manage investigative studies related to assessing air, water, soil, and noise pollution, and to understand and address the social implications. They also need the breadth of studies required to work with and communicate with interdisciplinary teams designing balanced solutions to environmental problems associated with development.
Courses: CE46, CE44, CE45
Prerequisites: CEB207, CEB213
Credit points: 12

► CEB317 PROFESSIONAL STUDIES 4
Civil and environmental engineers are largely responsible for managing the feasibility, 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: CEB214, CEB216, CEB217
Credit points: 12 **Contact hours:** 5 per week
Campus offered: GP **Semester offered:** 1

► CEB318 STRUCTURAL ENGINEERING 2
Limit states design of steel structures, Buckling and ultimate strength behaviour of Steel Structures, Tension members, Compression members, Local and global buckling (flexural and flexural torsional buckling modes) concepts as applied to compression members and beams, Effective lengths of compression members and beams, Design of Beams, Effect of lateral restraints on buckling, Web stresses including web crippling and buckling, Beam-columns, Bolted and welded connections, Unsymmetric bending of beams including principal second moments of area, Shear stresses in beams of thin-walled open cross-sections and their shear centres. Most cold-formed steel sections are unsymmetric and hence the latter topics are useful in steel design.
Courses: CE44, IF50 **Prerequisites:** CEB214
Credit points: 12 **Contact hours:** 4 per week
Campus offered: GP **Semester offered:** 1

► CEB319 WATER ENGINEERING
The main topics to be covered in this unit are: the hydrologic cycle and its application to the estimation of runoff from small catchments, probability and risk and the selection of design floods, hydrologic data, estimation of peak runoff using the Rational Formula, estimation of runoff hydrographs using rainfall-runoff routing models, the hydraulic characteristics of open channels, uniform flow, gradually varied flow and rapidly varied flow, the hydraulic characteristics of culverts and retention basins, and the operation of urban drainage systems.
Courses: CE44,IF50 **Prerequisites:** CEB317
Credit points: 12 **Contact hours:** 4 per week
Campus offered: GP **Semester offered:** 2

► CEB320 PROFESSIONAL STUDIES 5 (STEEL AND CONCRETE STRUCTURE DESIGN)
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 subjects 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 will further students' professional capabilities, with emphasis on professional responsibility, independent learning, and commercial skills.
Courses: CE44, CE43, IF42
Prerequisites: CEB317, CEB215, CEB318
Credit points: 12 **Semester offered:** 1

► CEB321 WATER AND WASTEWATER TREATMENT
The provision of safe, wholesome and adequate supply of water and the proper treatment, disposal, and reuse of wastewater are essential for protecting human health and well-being. Water and wastewater treatment are required for the control of water-born diseases and the provision of proper sanitation for urban, rural, and recreational areas. Water and wastewater treatment engineering is a major field of civil and environmental engineering and is manifested by sound principles and practice in terms of solving sanitation problems.
Courses: CE44, CE43, IF42
Prerequisites: CEB213, CEB217
Credit points: 12 **Semester offered:** 1

► CEB322 GEOTECHNICAL ENGINEERING 2
Further study on the behaviour of soil and rocks. Determination of subsurface pressures from surface loadings. Soil settlement including time related clay consolidation settlement and immediate settlements on sand and clay as related to shallow foundations. Assessment of bearing capacity and allowable bearing pressures under shallow foundations. Pile foundation systems and analysis for capacity and settlement. Rock mass behaviour, classification and joint shear strength applied to slope stability assessment and stabilisation measures.
Courses: CE44, CE43, IF42
Prerequisites: CEB209
Credit points: 12 **Semester offered:** 2

► CEB323 TRANSPORT ENGINEERING 1
The transport system is an essential part of our physical infrastructure. It is imperative that civil engineers are able to undertake typical road and traffic engineering investigations, analysis and designs. This requires an understanding of the intent of individual road system elements, how they operate, and how they are delivered and managed, which will be developed in this unit. Further, it is important that civil engineers are able to undertake accurately, broad multi-model transport surveys to gain an understanding of the utilisation of a particular transport system, which will also be developed.
Courses: CE44, CE43, IF50
Credit points: 12 **Semester offered:** 2

► CEB326 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 present the software package is 4D.
Courses: CE42, CE43, IF42 **Credit points:** 12

► CEB327 MUNICIPAL DESIGN PROJECT
Students will be exposed to the broader design aspects of larger engineering projects as undertaken by Local government, State government and land developers. An integrated approach will be studied including planning, design, construction and future developments.
Courses: CE42, CE43, IF42 **Credit points:** 12

► CEB328 INVESTIGATION PROJECT
This unit gives the student the opportunity to gather a body of information relating to a selected topic from the available literature, and to reach conclusions by critical analysis of this material. The investigation may include analysis and experimental work. The results will be presented as a written report supported by a seminar presentation.
Courses: CE33 **Credit points:** 12
Campus offered: GP **Semester offered:** 2

► CEB330 ENVIRONMENTAL MANAGEMENT FOR ENGINEERS
Environmental Management involves the development and use of environmental standards, legislation and systems to guide the utilisation 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: CEB214 **Credit points:** 12

► CEB409 PROFESSIONAL STUDIES 6 (CIVIL PROJECTS DESIGN)
Major developments require input from a range of professions including civil engineers. This unit will develop the student's understanding of the role of the civil engineer within a development project, including the various technical activities undertaken overall project management, and an understanding of communities expectations. A major development project will be used as the basis for development of students' 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: CEB320, CEB323, CEB319
Credit points: 12 **Semester offered:** 1

► CEB411 THESIS PROJECT A
Thesis A is a written review report of the literature on an area of civil engineering practice where research and development has been undertaken and reported in the literature. Students will demonstrate skills in problem definition, work planning, critical analysis of the study material information retrieval and appropriate citation procedures. Report writing and seminar presentation is a major feature. Guided instruction and exercises will be given on information retrieval and bibliographic listing and citation.
Courses: CE44, CE43, IF42
Prerequisites: Unit can only be taken by final year students
Credit points: 12 **Semester offered:** 2

► CEB412 PROJECT ENGINEERING 2
Engineers require a balanced experience of design and construction combined with management principles. This applies regardless of whether they eventually work in design or construction or become involved in the rapidly growing field of maintaining, rehabilitating and operating the nation's aging infrastructure and exiting plant. Good management requires vision, strategy, communication and the ability to make others work together in an effective team. In achieving this, certain financial, legal and technological skills are needed. Most importantly there is a need to be able to deal with the changes that are necessary in any organisation to ensure competitiveness.
Courses: CE44, CE43, IF42
Prerequisites: CEB216, CEB317
Credit points: 12 **Semester offered:** 1

► CEB413 STRUCTURAL ENGINEERING 3
This final structural engineering unit is intended to equip structural engineers with a knowledge and capability in some of the important advanced structural engineering topics. Most structural analysis programs, such as 'Space Gas', or 'Microstran', are based on the stiffness method. This method will be developed and illustrated by application to some structures. Structures need to carry loads beyond their elastic limits and the maximum load bearing capacity of a structure. Plastic analysis and the concept of plastic hinge will be introduced and applied. Many structures are subjected to dynamic loads. Basic structural dynamics will be introduced and some simple illustrative examples will be provided. Principles of earthquake engineering, aesthetics in bridge design, load paths in structures and approximate methods in the analysis of complex structures will be treated.
Courses: CE44, CE43, IF42
Prerequisites: CEB215, CEB318
Credit points: 12 **Semester offered:** 1

► CEB414 PROFESSIONAL STUDIES 7 (CAPSTONE PROJECT DESIGN)
The planning, design and construction of major infrastructure projects are commonly managed by civil engineers and require input from a range of professions. This unit will develop the student's understanding of the role of the civil engineer in developing a feasibility study for a major infrastructure project, in context of the individual civil engineering sub disciplines and affiliated disciplines involved in delivering major infrastructure items. This unit provides the culmination of the civil engineering degree and thus will enable students to apply the capabilities they have developed in preceding sub-disciplinary theory and practice units, and in particular the professional capabilities developed through the Professional Studies backbone of the course. The unit will require students to work in a realistic team environment and interact with other professionals during the development of their project. As well as overall project management and investigation skills, the students will further develop their analytical, design and communication skills.
Courses: CE44, CE43, IF42
Prerequisites: CEB409, CEB412
Credit points: 12 **Semester offered:** 1

► CEB415 THESIS PROJECT B
Thesis B is an optional elective and extension of Thesis A CEB411. Various avenues of investigation will have been identified from Thesis A and the student(s) will undertake a program of investigation that could have experimental, design and analysis aspects. A written report with critical analysis of results and conclusions is prepared, and a seminar presented.
Courses: CE44, CE43, IF50
Prerequisites: Unit can only be taken by final year students.
Credit points: 12 **Semester offered:** 2

► CEB416 ENVIRONMENTAL LAW AND ASSESSMENT
The adverse consequences of human activity have resulted in the adoption of various international treaties, enactment of stringent legislative requirements, and a growing demand for improved management practices. Engineers need to be aware of the way in which the law works, be able to communicate with lawyers and to recognise the legal and political implications of their projects. An understanding of the local, state, and federal government power to regulate development, the legal and planning requirements and assessment procedures are essential for professional engineering practice.
Courses: CE44, CE43, IF50
Credit points: 12 **Semester offered:** 2

► CEB417 ENVIRONMENTAL PROFESSIONAL STUDIES
Engineers can no longer overlook the social and environmental impacts of engineering design and practice. In today's and future professional engineering practice, engineers are required to consult with the community and deal with structured controversies involving the media, the wide community, special interest groups, and government and non-government organisations. The environmental engineering practice is multidisciplinary. Environmental engineers are required to work closely with professionals from many other disciplines and the community. As such, it is essential that engineers develop intuitive awareness of human factors in engineering projects and the skills to communicate with the community, the media, and other professionals.
Courses: CE44, CE43, IF42
Credit points: 12 **Semester offered:** 1

► CEB418 WASTE RESOURCE MANGEMENT
Management of solids and hazardous wastes generated from domestic, commercial, and industrial is concerned with: (1) protecting human health and the environment from actual and potential threats posed by the waste material; and optimisation of resource management. Wastes from such sources must be managed in an ecologically sustainable manner which requires waste minimisation; promotion of efficient use of resources; promotion the use of waste through recycling and energy production; viewing waste as a resources; reducing the mass, volume and toxicity of the waste; and if necessary disposing off the waste in a socially and environmentally acceptable manner. This approach is recognised internationally and involves a hierarchy of practices that are based on: waste avoidance, which is the most favourable option; recycling; energy production; treatment; and disposal, which is the least favourable option. Waste management is an important aspect of civil and environmental engineering education.
Courses: CE44, CE43, IF42
Credit points: 12 **Semester offered:** 1

► 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 the method, 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 to problems in structural, geotechnical and water engineering.
Courses: CE44, CE43, IF42
Prerequisites: CEB413
Credit points: 12 **Semester offered:** 2

► CEB508 TRANSPORT ENGINEERING 1
This is a final year elective unit to prepare students for a career in transportation engineering, as well as to provide them with a an understanding of the analytical processes involved in urban transport planning. It covers all transport modes and places emphasis on the planning and evaluation of transport systems. The unit is designed to highlight the economic, environmental and social impacts of transportation projects. The unit complements CEB323 Transport Engineering 1, by dealing in-depth with urban transportation planning and evaluation.
Courses: CE44, CE43, IF42
Prerequisites: CEB323
Credit points: 12 **Semester offered:** 2

► CEB509 PROJECT MANAGEMENT AND ADMINISTRATION
The course is designed to reinforce the basic issues that have been covered in previous units and to provide to the student an insight into the requirements, precepts and problems of managing construction, particularly in relation to handling people. Students will have exposure to setting and meeting defined goals by a set time with minimum input from the lecturer. There will be a minimum of formal lectures. However, all the material covered will be examinable.
Courses: CE44, CE43, CE44
Prerequisites: CEB216, CEB412
Credit points: 12

► CEB513 ADVANCED CONSTRUCTION PRACTICE
Professional engineers generally work in a highly stressed commercial environment. By your final year, learning, whilst being cumulative, should stretch you by exposure to projects that are different to anything that you have experienced but are in reality a integrating of all that has been taught in the discipline areas. The problems posed will cover as many discipline areas as practical and allow you to use the skills already developed in preparing and submitting a detailed commercial tender. You will compete for the tender against other teams who are bidding for the same project. Tender teams are allowed to bid alternatives provided the alternative is sound engineering and presents a commercial advantage to the owner.
Courses: CE44, CE43, IF42 **Credit points:** 12

► CEB514 PROJECT CONTROL
Contemporary engineering demands that the practising engineer needs to master not only basic design and construction concepts but also a strong background in current management practices. Engineers, whether they are in construction, design or maintenance need to understand the effect that economic decisions made at federal and state level have on their organisations and to realise that everyone has a different leadership style that must be fitted into the organisations management structure. The subject is designed to provide an insight into the requirements, precepts and problems of project management of interdisciplinary projects.
Courses: CE44, CE43, IF42 **Credit points:** 12

► 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 relevant experience in Asia and the Pacific.
Courses: CE44, CE43 IF42
Prerequisites: CEB319 **Credit points:** 12

► CEB516 MASONRY DESIGN
A structural engineer must have the ability to analyse and design engineering components and systems that use masonry as load bearing and infill non-structural panels. This course develops a basic understanding of Masonry Technology and Design using the Australian Standard 3700. This unit will provide an understanding of the differences in the material properties of clay, concrete, calcium silicate bricks and blocks. This unit also provides an understanding of workmanship, site practices and construction details of masonry. Students will develop the design skills needed for the design of masonry walls, reinforced or

un-reinforced and discuss the difference in design procedures for the different masonry materials.
Courses: CE42, CE43, IF42 **Credit points:** 12

► CEB517 ADVANCED ENGINEERING STUDIES
This unit will provide an opportunity to learn how practicing engineers design cold-formed steel and composite structures, to develop an understanding of the design process and how it interacts with the fundamental knowledge of materials and structural analysis, to utilise advanced computer tools for analysis and design and to work as part of a design team present written reports. Students in groups of two will participate in Projects to analyse and design cold-formed steel and composite structures.
Courses: CE44 CE45 **Credit points:** 12

► CEB518 RIVER AND COASTAL ENGINEERING
Many civil engineers are involved in the analysis and design of engineering works in the river and coastal environment. An understanding of the physical processes taking place is also a fundamental requirement if engineers are to take an active role in the management of this dynamic environment.
This unit will build on the fundamental principles of fluid behaviour covered in Hydraulic Engineering CEB217 and Water Engineering CEB319 and extend these principles to the river and coastal environment. It relies on a prior understanding of physics, mathematics and solid mechanics, and basic hydraulic engineering principles.
Courses: CE44, CE43, IF42
Prerequisites: CEB319 **Credit points:** 12

► CEB522 GEOTECHNICAL ENGINEERING PRACTICE
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 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 series of specially devised 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 used by more specialist members 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
An introduction into the investigation and analysis of groundwater flow through porous media, including numerical modelling and contaminant transport.
Courses: CE31, CE42, CE43, IF42
Prerequisites: CEB240, CEB241
Credit points: 8 **Contact hours:** 3.5 per week

► CEB564 ENGINEERING SCIENCE 4
Includes road pavement and building footing appraisal methods; retaining walls, earthworks and reclamation design/testing procedures; further design guidelines for water supply and sewer reticulation; specifications and estimating procedures; other engineered services for land development projects; estimating costs, and preparing original designs and modifications to roads, water supply, sewerage and other services.
Courses: PS47, PS48 **Corequisites:** CEB464
Credit points: 6 **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 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 material 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 material 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: CE74, 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 course provides this understanding and practice and enables graduates to become accredited auditors. The unit can be taken by people with a large range of backgrounds and education levels.
Credit points: 12 **Campus offered:** GP

► CEP175 PAVEMENT MAINTENANCE REHABILITATION AND RECYCLING
The unit describes difference ways a pavement exhibits both structural and non-structural distress. The modes of distress, including disintegration, distortion, cracking and fracture are described together with problems relating to safety and damage caused by operational factors. A range of evaluation techniques are presented which can be used to assess the condition of a pavement with respect to serviceability, structural capacity and safety. Restoration techniques using granular materials, full depth asphalt and concrete and structural overlays are described along with the roe and use of absorbing layers. The unit concludes with the economic evaluation of alternative maintenance strategies using whole of 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
Introduction to environmental law. Commonwealth and state legislation. Development controls. Trends in environmental control. The framework for environmental assessment. Description of the environmental setting. Impact assessment and analysis.
Courses: 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 Master 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 testing procedures used by authorities to assess the quality of pavement materials and to predict their performance. Other topics deal with the collection and analysis of traffic data, empirical and mechanistic design procedures, maintenance and rehabilitation, and an introduction to pavement management systems; sourced from conference proceedings and industry. The background information on the history of pavement design and the origin of pavement design theories is also discussed.
Courses: 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, communication and the ability to make other work together as an effective organisation. To achieve this financial and legal knowledge is necessary. Contemporary engineering demands that the practising engineer not only masters basic concepts in either design or construction but there must be a strong backgrounds in current engineering approaches to contract management methods.
Courses: Graduate Diploma of Engineering, Master of Engineering Science (Civil)
Credit points: 12 **Campus offered:** GP

► CEP295 CIVIL ENGINEERING MANAGEMENT IN A PROJECT ENVIRONMENT
Contemporary engineering demands that the practising engineer not only master basic concepts in either design or construction but also that there exists a strong background in current engineering approaches and management methods. The course will provide an insight into the requirements, precepts and problems of engineering management of interdisciplinary projects.
Courses: CE74
Credit points: 12

► CEP997 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: COB121
Campus offered: KG **Semester offered:** 1

► CLB002 TEXT FORMATTING
The use of technology for document preparation, analysis of underlying principles of skills acquisition, traditional and technological perspectives on: document design, document formatting, business correspondence, tabulation, financial statements, business forms, and document formatting for specialised businesses.
Courses: ED50
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: COB119
Campus offered: KG **Semester offered:** 2

► CLB003 OFFICE PROCEDURES
An analysis of business environments in a variety of industries: communication practices, communication flows, functions and operational procedures, and the influence and impact of communication technology.
Courses: ED50 **Corequisites:** COB173
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: COB122
Campus offered: KG **Semester offered:** 2

► CLB301 POWERFUL TEACHERS, POWERFUL STUDENTS
Thematic questions about teaching: understanding the current notion of teacher/student power; ways of understanding teacher/student power and teaching through powerful and empowering teaching/learning models; the practical knowledge needed to empower beginning teachers.
Courses: ED43, ED50, ED51, ED52, ED54, ED55, IF70-79
Credit points: 12 **Contact hours:** 3 per week

► CLB302 IDENTIFYING & RESPONDING TO STUDENT DIFFERENCE
The range of perceptions and reactions to individual difference; the psychological explanations for the sociocultural contexts of difference in schools; perspectives on the identification and classification of special educational needs. From a commitment to social justice and equity, it examines policy initiatives that impact on learners and teachers; identifies appropriate strategies.
Courses: ED43, ED50, ED51, ED52, ED54, ED55, IF70-79
Credit points: 12 **Contact hours:** 3 per week

► CLB304 CONTEXT OF ADULT & WORKPLACE EDUCATION
Investigates and analyses of the contemporary contexts of workplace and community education. Specific attention is given to the changing nature of such contexts and to the implications of this for the workplace and communities. For example, changes in the global and national economy, the labour market and work, technology, the family and community, demographics, and policy are explored through an historical and critical approach. Issues raised by such changes (for example: access, equity and participation, credentialing, competency recognition, and the unintended consequences of policy) are key points of investigation.
Courses: ED54, ED26
Credit points: 12 **Contact hours:** 3 per week

► CLB305 EDUCATION IN CONTEXT
This unit investigates and analyses the contemporary contexts of education and schooling. Specific 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, marketisation, 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. Critical reflection by students is encouraged, allowing them to engage with others as co-theorists in pedagogical work.
Courses: ED26, ED50, ED51, ED52, ED53, ED55, ED56, ED57, IF70-79, IF81-84
Credit points: 12 **Contact hours:** 3 per week

► CLB308 INDIGENOUS CULTURE & IDENTITY IN THE AUSTRALIAN
Issues and positions 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 explored 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; nature and function of language; dynamics involved in interactive situations; appropriateness of language forms used in various social contexts; educational implications of linguistic diversity within the community; recognition of the developmental features of adolescent language.
Courses: ED50
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 writing in a range of situations. Engagement in these writing situations is designed to bring about personal understanding of the following: the nature of the writing process; the influence of audience and purpose on the final written product; the range of genres (or forms) falling within the writing activity.
Courses: ED50, ED51, ED52, ED43
Credit points: 12 **Contact hours:** 3 per week

► CLB322 LITERATURE IN TEACHING
Literature teaching in historical perspective; recent developments in theory; poetry in the senior school; teaching drama in the senior school; teaching the novel in the senior school; shorter works (novellas, short stories) and their use in the English curriculum.
Courses: ED50
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 adolescents 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; teaching and learning strategies; and issues and directions in curriculum development.
Courses: ED19, ED50, ED54, ED55, IF70, IF75-79
Prerequisites: CLB325
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, IF75-78
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; teaching and learning strategies; and issues and directions in curriculum development.
Courses: ED19, ED50, ED54, ED55, IF70, IF75-78
Prerequisites: CLB327
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, IF75-78
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; teaching and learning strategies; and issues and directions in curriculum development.
Courses: ED19, ED50, ED54, ED55, IF70, IF75-78
Prerequisites: CLB329
Credit points: 12 **Contact hours:** 3 per week

► CLB334 PRIMARY LOTE CURRICULUM STUDIES
This unit introduces concepts and skills in LOTE curriculum and methodology and prepares appropriately qualified students to teach French, German, Indonesian or Japanese in the upper primary school.
Courses: ED50, ED51, ED56, IF82, IF84
Prerequisites: Six language units or equivalent
Credit points: 12 **Contact hours:** 3 per week

Incompatible with: CLB449, CLB450

► CLB339 ADULT LITERACY & SECOND LANGUAGE LEARNERS
Explores the special literacy needs of second language learners and investigates teaching approaches which recognise these needs and develop cross-cultural awareness and communication strategies. Topics include a comparison of first and second language literacy; the relationship between second language oracy and literacy; issues in cross-cultural communication; the literacy impact for non-English speaking background learners of current policy initiatives and workplace practices needs analysis in second language literacy course design.
Courses: ED54 **Corequisites:** 12
Credit points: 3 per week

► CLB341 LANGUAGE, TECHNOLOGY & EDUCATION
Foundation unit concerned with language, literacies and technology in educational and worldwide contexts. Contemporary views of language and technological literacies as social activities are explored. Educational implications of the interconnections between technology, language discourse and power are applied to educational setting. The uses of language discourse and power are applied to educational settings. The use of language and technology in instruction is introduced. The unit is offered by the Schools of Cultural & Language Studies in Education and 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; intergenerational and situational 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
Principles and practices of assisting adults who have less than adequate literacy knowledge and abilities; assisting literacy development of family members; development and use of practical and effective teaching resources and strategies; development, maintenance and reporting of case histories in adult and family literacy.
Courses: 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 specialisations will develop understanding of specific language and learning needs of students for whom English is a second language. It deals with differences in first and second language development, professional implications of significant policy initiatives related to second language learners, and issues in analysis, assessment and cross-cultural communication. Participants will also investigate language demands of their own area of specialisation and develop appropriate teaching techniques and resources.
Courses: ED43, ED50, ED51, ED52, ED54, ED55, IF70-79
Credit points: 12 **Contact hours:** 3 per week

► CLB348 LANGUAGE AND LITERACY CURRICULUM 1
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, their 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
Prerequisites: CLB350 **Corequisites:** CLB353
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG

► CLB352 TEACHING METHODOLOGY FOR ENGLISH AS A FOREIGN LANGUAGE 2
In this unit, participants explore current issues and emerging trends in curriculum teaching areas. It requires students to reflect upon their own philosophy of teaching, and to build up an extensive repertoire of advanced teaching strategies and appropriate teaching resources. It will also deal with assessment and evaluation.
Courses: ED05, ED26, ED43, ED52, ED61
Prerequisites: CLB351
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG

► CLB353 MATERIALS AND CURRICULUM DEVELOPMENT FOR ENGLISH AS A FOREIGN LANGUAGE
This unit helps participants to gain understandings and skills that will enable them to maximise learning opportunities for young learners through the principled use of class textbooks and EFL classroom materials. This will involve developing skills in designing tasks and activities, and for planning for short term and long-term English language learning.
Courses: ED05, ED26, ED43, ED52, ED61
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG

► CLB355 ACCOUNTING/BUSINESS MANAGEMENT CURRICULUM STUDIES 1
The nature of the curriculum area/discipline and its role and contribution as a medium for education; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experiences in selected curriculum areas.
Courses: ED50, ED54, ED55, ED19, IF79
Prerequisites: Normally the completion of 48 credit points in each relevant discipline area
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, IF79
Prerequisites: CLB355
Credit points: 12 **Contact hours:** 3 per week

► CLB357 BUSINESS COMMUNICATIONS & TECHNOLOGIES CURRICULUM STUDIES 1
The nature of the curriculum area/discipline and its role and contribution as a medium for education; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experiences in selected curriculum areas.
Courses: 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

► CLB358 BUSINESS COMMUNICATIONS & TECHNOLOGIES CURRICULUM STUDIES 2
Curriculum development within the context of contemporary policies, frameworks and agencies; general principles of measurement, assessment and evaluation; teaching and learning strategies; and issues and directions in curriculum development.
Courses: ED19, ED50, ED54, ED55, IF79
Prerequisites: CLB357
Credit points: 12 **Contact hours:** 3 per week

► CLB359 ECONOMICS CURRICULUM STUDIES 1
The nature of the curriculum area/discipline and its role and contribution as a medium for education; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experiences in selected curriculum areas.
Courses: 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

► 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
Prerequisites: CLB359
Credit points: 12 **Contact hours:** 3 per week

► 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
Prerequisites: Normally the completion of 48 credit points in each relevant discipline area
Credit points: 12 **Contact hours:** 3 per week

► CLB362 GEOGRAPHY CURRICULUM STUDIES 2
Curriculum development within the context of contemporary policies, frameworks and agencies; general principles of measurement, assessment and evaluation; teaching and learning strategies; and issues and directions in curriculum development.
Courses: ED19, ED50, ED54, ED55, IF70, IF75-79

Prerequisites: CLB361
Credit points: 12 **Contact hours:** 3 per week

► CLB363 HISTORY CURRICULUM STUDIES 1
The nature of the curriculum area/discipline and its role and contribution as a medium for education; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experiences in selected curriculum areas.
Courses: 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 for planning and teaching in selected curriculum areas. Content includes: the nature of the curriculum area/discipline and its role and contribution as a medium for education; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experiences in selected curriculum areas.
Courses: 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: conservation and development; place and space, continuity and change, key skills and competencies, critical and creative thinking, perceptions, attitudes 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 policy 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 various environmental issues that threaten the continuing viability of our planet. Its aim is to develop a sound skills and knowledge base enabling students to analyse, synthesise and respond positively to many of the controversial and vital environmental problems at a local, national and global level.
Courses: ED52, ED51, ED43
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 interrelationship between consumers, business and government; consumer protection laws and the need for them; ways of developing pro-active consumerism; and consuming for the environment - the green consumer.
Courses: ED52, ED51, ED43
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 analysis of principal methods and contemporary contributors such as Toffler and Jones. Methods and models that are applied are relevant to Australia, Asia and the Pacific, involving such themes as: population and migration; international relations; political institutions and systems; resource allocation and utilisation; sustainable development; environment issues; and structural change.
Courses: ED52, ED51, ED43
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 versus interdisciplinary approaches; analysis of key strands; values; curriculum perspectives including gender perspectives; Aboriginal and Torres Strait Islander perspectives, multicultural perspectives, global perspectives, futures perspectives, technology and VET perspectives.
Courses: ED50, ED55, IF70-79
Credit points: 12 **Contact hours:** 3 per week

► CLB375 ENVIRONMENTAL FIELD STUDIES
Designed to identify and value a wide range of field study resources and venues. Extensive involvement with field study experiences will assist students in developing appropriate skills for investigating environmental issues and concerns as well as helping students reflect and refine the usefulness and value of field experience in developing effective environmental education programs.
Courses: ED51
Credit points: 12 **Contact hours:** 3 per week

► CLB376 STUDIES OF SOCIETY AND ENVIRONMENT CURRICULUM
This unit provides an opportunity for students to investigate the philosophical and pedagogical characteristics of this teaching area. Ways of translating syllabus requirements into worthwhile curriculum units, and teaching sequences, are considered. It will enable students to gain an understanding of significant societal and environmental problems.
Courses: ED26, ED51, ED56, IF82, IF84
Credit points: 12 **Contact hours:** 3 per week

► CLB377 BUSINESS EDUCATION STUDIES
Enables students to develop those competencies needed for planning and teaching Business Education subject areas, which are additional to their two major curriculum areas. A selection of three areas will be made from Accounting, Business Communication and Technology Education, Business Organisation and Management, Economics and Legal Studies. Competencies covered will include a basic knowledge of curriculum planning, appropriate teaching strategies and resources, and assessment planning and implementation.
Courses: ED50, ED55, ED19, IF70-79
Prerequisites: 24 credit points in Business Education Curriculum units.
Credit points: 12 **Contact hours:** 3 per week

► CLB401 CULTURAL DIVERSITY & EDUCATION
Explores the multicultural nature of Australian society and its educational approaches to addressing the needs of cultural diversity. Participants will analyse the role of the school and the teacher with respect to schooling and pluralism. Students will learn how to identify and challenge various forms of discrimination and recognise the kinds of social, curriculum, and classroom management policies that are sensitive to the needs of students from diverse socio-cultural backgrounds.
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 Aborigines and Torres Strait Islanders in Australian society; government policies; indigenous cultures and education; current initiatives; participation of indigenous communities in policies and programs.
Courses: ED26, ED43, ED50, ED51, ED52, ED53, ED54, ED55, IF70-IF79
Credit points: 12 **Contact hours:** 3 per week

► CLB403 GENDER & SEXUALITY ISSUES FOR TEACHERS
Gender and sexualities in cultural and school contexts; historical overview of gender relations; theoretical frameworks for gender and current debates in Australia about gender and equity; femininity and masculinity as social constructs; sexuality and the body; violence and gender; debates about boys' behaviour and performance in Australian schools.
Courses: ED26, ED43, ED50, ED51, ED52, ED54, ED55, IF70-79
Credit points: 12 **Contact hours:** 3 per week

► CLB405 ENVIRONMENTAL EDUCATION
Valuable for all educators concerned with communicating environmental knowledge, concepts, skills, attitudes and values in formal and informal learning situations. Participants are encouraged to pursue the objectives of environmental education within their own subject specialisations.
Courses: ED26, ED54, NS48
Credit points: 12 **Contact hours:** 3 per week

► CLB411 ADVANCED STUDIES IN FILM & MEDIA CURRICULUM
Examines the classroom implications of new policies and curriculum changes in Media Education. These include the relation of the QDE 1-10 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 ownership and institutions, multimedia technologies and critical literacies.
Courses: ED50, ED55, IF70-79
Credit points: 12 **Contact hours:** 3 per week

► CLB412 ADVANCED STUDIES IN ENGLISH, ESL CURRICULUM
Focuses in more depth on selected issues related to the teaching of English and English as a Second Language in the secondary school. Topics will include: literature and popular culture in the classroom; materials development for non-native speakers of English; language, multiculturalism and ideology; school to work transition programs; contemporary issues in language education, linguistics and cultural studies.
Courses: ED50, ED55, IF70-79
Credit points: 12 **Contact hours:** 3 per week

► CLB413 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 will plan for unit development, assessment and intervention in both language and mathematics.
Courses: ED18, ED51, ED56, IF82, IF84
Prerequisites: Language and Mathematics Curriculum Sequences (or equiv)
Credit points: 12 **Contact hours:** 3 per week

► CLB414 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, multiculturalism and ideology; the student as linguistic ethnographer.
Courses: ED51
Credit points: 12 **Contact hours:** 3 per week

► CLB440 TRENDS IN THE TEACHING OF WRITING
Development of writing in the light of the language in use model, recent research, and classroom practice. It is designed for the P-12 teacher. Students are expected to develop their own folio of writing, an understanding of current approaches to writing curriculum, and writing programs for their classrooms.
Courses: ED26
Credit points: 12 **Contact hours:** 3 per week

► CLB441 CHILDREN'S LITERATURE
Provides students with the opportunity to extend their knowledge of children's literature written by both Australian and overseas writers; examines traditional and emerging genres; develops critical approaches to texts; considers ways of using children's literature in the classroom.
Courses: ED26, ED51, ED52, ED53, ED43
Credit points: 12 **Contact hours:** 3 per week

► CLB443 TRENDS IN THE TEACHING OF READING
Provides students with the opportunity to extend their understanding of the reading process; examines current views about reading in order to identify key concepts of the theory; implications for classroom practice are drawn; identifies factors which influence readers and texts; the roles these play in the understanding of the meanings made; develops learning situations based on these understandings.
Courses: ED26, ED50, ED53, ED55, IF70-79
Credit points: 12 **Contact hours:** 3 per week

► CLB446 GRAMMAR FOR WRITERS
Designed to help teachers develop some systematic knowledge about language and grammar in particular. It looks at the questions: 'What is grammar?' and 'What grammars are available to us?'. It then focuses in some detail on systemic functional grammar.
Courses: ED51, ED52, ED43
Credit points: 12 **Contact hours:** 3 per week

► CLB447 ENGLISH AS A SECOND LANGUAGE CURRICULUM STUDIES 1
Introduction to the design and development of curriculum, materials and resources to meet the general and specific needs of learners who are non-native English speakers and who require higher English language proficiency levels for study purposes.
Courses: ED19, ED50, ED55
Credit points: 12 **Contact hours:** 3 per week

► CLB448 ENGLISH AS A SECOND LANGUAGE CURRICULUM STUDIES 2
Continuation of LAB447 showing students how curriculum materials and resources are implemented through appropriate approaches, methodologies and techniques for individuals, groups or whole classes of learners who are non-native speakers of English.
Courses: ED19, ED50, ED55
Prerequisites: CLB447
Credit points: 12 **Contact hours:** 3 per week

► CLB449 PRIMARY LOTE CURRICULUM STUDIES 1
Current theory and practice in LOTE teaching/learning in the primary school with particular emphasis on the intellectual, physical, emotional and social needs of young learners and the need for teaching approaches drawn from general educational theory together with an understanding of second language acquisition.
Courses: ED19, ED55
Credit points: 12 **Contact hours:** 3 per week

► CLB450 PRIMARY LOTE CURRICULUM STUDIES 2
Continuation of CLB449. Content, processes and materials appropriate to the planning and implementation of LOTE programs in the primary school which integrate culture and language, articulate with the rest of the primary curriculum and in which learners become more interested in, and aware of, languages and cultures other than their own.
Courses: ED19, ED55 **Prerequisites:** CLB449
Credit points: 12 **Contact hours:** 3 per week

► CLB451 STORYTELLING: CULTURAL PERSPECTIVES
Provides students with the opportunity to develop confidence in their ability to tell stories; explores a wide range of oral and traditional story genres; investigates cultures and their stories; promotes ways for using storytelling across the curriculum.
Courses: ED51, ED52, ED26
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: LAP517

► CLB452 MEDIA LITERACY AND THE SCHOOL
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 incorporating the concepts in an educational environment. Aspects of media techniques and practices, relationships between culture and meaning; nature of an audience, and concepts of agents and industry will be explored.
Courses: ED51, ED52
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: LAP513

► CLB453 NEW LITERACIES AND TECHNOLOGIES ACROSS THE CURRICULUM
This unit provides students who have successfully completed CLB341 Language, Technology and Education the opportunity of further developing across-the-curriculum approaches to new technologies and literacies in education. Students will undertake negotiated school-based projects to develop learning resources by applying new technologies and literacies in actual classroom contexts.
Courses: ED50, ED55, IF70-79
Prerequisites: CLB341 **Credit points:** 12

► CLB454 LANGUAGE AND LITERACY CURRICULUM
Following an introduction which points out how particular language and literacy theories underpin curriculum in Years 1-7 classrooms, the unit is constructed in three modules. The first explores planning for teaching reading, spelling and writing. The second module engages with a genre approach to reading and writing. The third module concerns planning for a critical approach to literacy education.
Courses: ED26, ED56, IF82, IF84
Credit points: 12 **Contact hours:** 3 per week

► CLN608 SECOND LANGUAGE ACQUISITION
Research into second language acquisition is providing new insights into the complex processes involved in natural and instructed language development. This unit extends participants knowledge of research into, and theories of, second language acquisition, and explores pedagogical implications and the relevance of research and theories to the enhancement of second language acquisition and learning.
Courses: ED14, 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. Includes analysis of the following areas: learner profiles and needs; aims and objectives; processes and criteria for selecting methodology; content selection and sequencing; choice and evaluation of materials and resources.
Courses: ED14, ED77
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 teachers and others involved in TESOL to review current research articles to gain an overview of developments in TESOL/Applied Linguistics and to explore one or two personal interest areas in greater depth.
Courses: ED14, ED77
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 standardised tests and instruments that are used to assess the English language proficiency of speakers for whom English is a second language.
Courses: ED14, ED77

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 enhancing 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
When we use language to enact our everyday lives, to teach and to learn, we use discourses to do so. Through this unit, students develop both the knowledge and the tools to analyse how discourses, comprising texts, make meaning linguistically. Students will analyse and discuss how meaning is constructed through interacting socio-cultural contexts and texts. Studies include the relationships among discourse, genre, register and text, involving the role of coherence and cohesion in text level meaning, of transitivity, mood and theme/rheme in clause level meaning, and of nominal, verbal and prepositional groups in group level meaning. Significant linguistic features of written and spoken language are identified and discussed.
Courses: ED14, ED77 **Credit points:** 12

► CLN620 LANGUAGE & 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. Accordingly, students 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 current theory and practice in programming 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 lecturer in charge of the module. The unit involves a case study that centres on students' particular interests.
Courses: ED13, ED11, ED61 **Credit points:** 12

► CLN625 NEW LITERACIES & TECHNOLOGIES
The modules in this unit introduce current theories and debates about new forms of literacy practice emerging in the current age of electronic information and communication. Students will experience and experiment with educationally relevant aspects of design or practice in language and literacy education using electronic information and communications applications, and develop strategies for appropriate selection and use of new technologies for particular educational settings and learners.
Courses: ED13, ED11 **Credit points:** 12

► CLN626 PRIMARY LANGUAGE AND LITERACY CURRICULUM
The unit is constructed of three modules: skilling students for literate acts; teaching/learning through a genre and critical approach; and catering for different learners in the language and literacy program. The unit approaches the teaching-learning cycle through a problem-solving approach, and through case studies and scenarios typical of classrooms 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 INCLUSIVE EDUCATION
Explores how difference, in terms of disability, has been socially produced, conceptualised and theorised. The historical, socio-cultural, organisational, curriculum and pedagogical contexts of education must be taken into account if inclusive education is a political contested issue, demanding constant negotiation and requiring profound changes in the culture of schools. Social justice and equity considerations in policy and practice are a major focus of curriculum call for a supportive, whole school approach.
Courses: ED13, ED11 **Credit points:** 12

► CLN632 YOUTH FOCUSSED BEHAVIOUR MANAGEMENT AND SCHOOLS
Examines the social and contextual causes and consequences of young people's behaviour in schools, and in particular, investigates student behaviour from a 'whole school' perspective rather than in the individual classroom context. It provides analytical frameworks for understanding how the category of 'youth' is constructed and maintained, and how this translates into student behaviour. It focuses on building protective and supportive environments in schools and communities as a preventative rather than a reactive strategy for behaviour management. The intention is to provide participants with the opportunity to examine and develop practices which minimise the probability of the development of 'at risk' behaviour in schools, especially secondary schools.
Courses: ED13, ED61, ED11 **Credit points:** 12

► CLN640 SOCIOLINGUISTICS
An introduction to sociolinguistics, the study of language as social process and practice. Topics covered include: language functions and varieties; regional and social dialects, styles and registers; pidgin and Creole languages; language as social practice; discourse; speech communities; language and power; sociolinguistics and language teaching.
Courses: ED14, ED77
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 opportunities to apply the theoretical framework to classroom practice.
Courses: ED14, ED77 **Prerequisites:** CLN612
Corequisites: CLN612
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: CLN608, CLN612
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 organizational cultures, educational leadership and human resource management in TESOL; the role of teachers in the TESOL service industry; legal and industrial contexts of TESOL in Australia; TESOL marketing, promotion and funding; and the implications of globalised English language teaching.
Courses: ED14, ED77
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 integration.
Courses: ED28, ED61
Credit points: 12 **Contact hours:** 3 per week

► CLP507 AUSTRALIAN LITERATURE FOR YOUNG PEOPLE
History of Australian children's books to 1959; development and critical assessment of Australian children's literature since 1960 in book and film.
Courses: ED25 **Credit points:** 12

► CLP509 DIRECTED STUDY
An individually designed unit that allows students, under the staff supervision, to increase their knowledge relevant to teacher-librarianship.
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 educational resources in a variety of print and electronic formats, to be alert to the learning resource implications of changing curricula, and to consider the resource needs of students that extend beyond the classroom, yet influence their learning.
Courses: ED25, ED61 **Credit points:** 12

► CLP529 COMMUNICATION WITHIN AN INFORMATION ENVIRONMENT
Theories and practice of interpersonal communications, management and leadership issues that professionals can apply and evaluate in managing information within their own work environment.
Courses: ED25, ED61 **Credit points:** 12

► CLP530 ACCESSING INFORMATION SOURCES
The search process and search strategies; effective utilisation of library catalogues and other services for the retrieval of information; basic reference and information sources; effective searching the World Wide Web; evaluation of information and of methods of finding it.
Courses: ED25, ED61 **Credit points:** 12

► CLP531 FIELD PROGRAM
Principles and practice of school library resource centre administration and management, including study of library environment, administrative systems and staff management; study of the literature of the field, and of work practices through experience in at least two sites.
Courses: ED25 **Credit points:** 12

► CLP532 BIBLIOGRAPHIC ORGANISATION
Library systems for the organisation of information; development of effective, user-friendly catalogues, with automation where appropriate; study of SCIS (School Catalogue Information Service)/AACR (Anglo-American Cataloguing Rules) cataloguing guidelines, SCIS subject headings, and Dewey Decimal Classification; study indexing and other bibliographic helps to accessing information in books and other library holdings.
Courses: ED25 **Credit points:** 12

► CLP534 CONTEMPORARY PUBLISHING: TRENDS AND PRACTICES
This unit will provide students with a knowledge of contemporary publishing trends in print and digital formats from cultural, educational and commercial perspectives. The unit will also enable students to develop appropriate skills for the critical evaluation, design and production of a range of publications for both in-house and wider distribution.
Courses: ED25
Credit points: 12 **Campus offered:** KG

► CNB101 CONSTRUCTION 1
An introduction to the discipline of construction highlighting the role of construction in society and the role and requirements of local authorities for both domestic and residential construction projects. Construction concepts to be covered include foundation and footings; timber framed structures; masonry and other claddings; roofing construction and materials; internal linings; joinery; site preparation; drainage systems; and landscape 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 material science in two parts. 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 topics covered include manufacture; physical properties, acoustic and thermal properties and issues such as cleaning, maintenance, corrosion protection, fire protection, deterioration and ageing. Sustainable development and material recycling are also considered. The bias is towards those characteristics that affect a constructor rather than a designer. Practical laboratory sessions are undertaken to introduce the students to a range of standard tests and to demonstrate material behaviour. Practical laboratory sessions are undertaken to introduce the students to a range of standard tests and to demonstrate material behaviour.
Courses: CN51, CN53 **Corequisites:** CNB101
Credit points: 12 **Contact hours:** 4 per week

► CNB105 SURVEYING AND DATA ANALYSIS
This unit comprises two components - land studies and surveying, and data analysis. The land studies and surveying component will provide a basic coverage on land issues such as permits of land; ownership and possession; estates and interests in land; easements; party walls, boundary walls, fences and encroachments. Concepts of surveying and measuring: revision of trigonometry; functions of levels and levelling; reading and recording observations; 2-peg test; linear measurement; correction to measurements; the theodolite; angles and bearings; traverses and traverse calculations; setting out; contour and volumes; maps; cadastre. The data analysis component is an introduction to maths and includes unit conversions, manipulation of equations, estimation of accuracy and errors; trigonometry; vectors and their applications. Introduction to statistics including population and samples, descriptive statistics, uncertainty and probability, sampling and distribution, frequency distribution, confidence limits, hypothesis testing for proportions and normal and Student's distributions, introduction to linear regression.
Courses: CN51, CN53
Credit points: 12 **Contact hours:** 3 per week

► CNB106 TECHNICAL COMMUNICATIONS
This unit comprises two components - professional writing and communications, and introduction to computing. The professional writing and communication component examines the writing and learning processes; library techniques; grammar and styles; drafting processes; report writing; proposals and instructions; presentation strategies and skills. The introduction to computing component provides a general introduction to computing, computing at QUT, information literacy and information skills, use of word processing packages, use of presentation packages, essential skills with spreadsheet packages.
Courses: CN51, CN53
Credit points: 12 **Contact hours:** 4 per week

► CNB107 CONSTRUCTION 2
This unit includes a study of the materials, methods and construction of industrial and low-rise commercial buildings including site management techniques, temporary works and plant requirements. These building types are examined with regard to environmental, structural and aesthetic requirements taking into account constraints such as cost, dimensional requirements, statutory regulations and erection requirements. General topics to be examined include site management; construction plant, labour and temporary 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. Specific topics related to industrial buildings include structural frame forming forms and actions; bracing and stability; cladding and services. Tilt panel construction is also examined in detail.
Courses: CN51, CN53
Prerequisites: CNB101 **Corequisites:** CNB108
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, compression, bending, shear and the concepts of stability, equilibrium, and load paths. Domestic structural design is introduced through the use of TRADAC publications. 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 encouraged 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 specific study areas covered within this unit include architectural design, structural design, construction materials, building services design, measurement and costing 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 Surveyor and the use of Bills of Quantities. It also covers the measurement of sample work sections. An introduction to the scope of 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, including finishes, roofing, partitions, woodwork, metalwork, painting, doors, windows, glazing, hardware, suspended ceilings, access floors, masonry 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 interrelated areas:
(a) It examines tertiary learning and the processes necessary for effective and successful study.
(b) It satisfies the need of professionals to complement their technical expertise with excellent writing and oral presentation skills
(c) Introduces the student to the versatility of the modern desktop computer and software packages and how they may be used to assist in the provision of professional services.
(d) Introduces students to information retrieval techniques in accord with current Information Literacy program development.
Courses: CN54 **Credit points:** 12
Incompatible with: CNB181
Campus offered: GP **Semester offered:** 1

► CNB191 PROPERTY LAW 1
Topics covered within the content of this unit are: Legal principles and process, the legal system and process; sources and divisions of the law; rules of precedence; interpretation of statutes and regulations; legal practice and procedure; elements of law of property, including ownership and possession, estates and interests in land; easements, rights and restrictive covenants; party walls, boundary walls, fences and encroachments.
Courses: CN54 **Credit points:** 12
Incompatible with: CNB183
Campus 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 construction faults and defects are also addressed. Drafting tutorials are used to reinforce the lecture material and as a means of teaching to the students to read and understand building documents. The opportunity is taken at this time to introduce such issues as how to measure build-

ing areas and how to examine the interrelationship between the documents prepared by the various building consultants.
In order to provide an additional self directed learning process, and to bring the lectures into three-dimensional reality, each student is required to visit relevant building sites and to photograph and report on the construction methods and techniques being used.
Courses: CN54 **Credit points:** 12
Incompatible with: CNB182
Campus offered: GP **Semester offered:** 1

► CNB193 PROPERTY LAW 2
This subject covers legal aspects of the auctioneer and agents act, residential tenancies act, land sales act, building unit and group titles act, laws of principle and agents, body corporate management, law of partnership, company law and bankruptcy and liquidation, the law of torts, fair trading and misrepresentation.
Courses: CN54 **Prerequisites:** CNB191
Credit points: 12 **Incompatible with:** CNB283
Campus offered: GP **Semester offered:** 2

► CNB194 PRINCIPLES OF PROPERTY VALUATION
This subject will be structured to assist student learning across the three component areas identified above: the market; the profession; and the methods. This will be achieved through coverage of the following topics : character of the property market and open market value; legal interests in property and property types; valuation process and methods for freehold property interests; data collection; factors influencing open market value; report writing and oral presentation; codes 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 provides an introduction to 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 with 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 outfitting and maintenance facilities peculiar to high-rise buildings.
Courses: CN51, CN53 **Prerequisites:** CNB107
Credit points: 12 **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 stability and an examination of structures such as cranes, shoring, scaffolding and slings. The emphasis will be qualitative rather than quantitative. The formwork component examines the structural, quality and construction requirements for both single level and multi-level formwork. Formwork types and issues to be considered include materials and components; surface finish; wall, column, stair, soffit and beam forms; permanent formwork, construction cycle requirements and assembly issues.
Courses: CN51 **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 commencing with a study of community supplied services, the provision of headworks and the temporary services required during construction and moves to permanent water supply, fire protection and waste disposal systems. The unit continues with types of ventilation, air-conditioning systems and heating with a bias to installation procedures and the issue of confined spaces. Electrical services are studied through theoretical concepts and the first-order matching of electrical equipment to demand and cover the topics of terminology and symbols used to describe electrical circuitry, statutory codes and regulations and the responsibilities of building owners and developers
Vertical transportation systems are studied through planning implications, preliminary cost forecasting and the effect on 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
Credit points: 12 **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 Australian Standard Method of Measurement. Work sections to include concrete, formwork, reinforcement, groundworks, underpinning, tanking, structural steelwork, exterior elements and demolition. The development and application of Builders' quantities.
Courses: CN51, CN53 **Prerequisites:** CNB110
Credit points: 12 **Contact hours:** 5 per week

► CNB206 LAW 1
This unit consists of three components: Safety Management and the Law, Law of Torts, and Contract Law. Safety management and the law: A study of the Workplace Health and Safety Act 1989/1990, the regulations that apply and Codes of Practice. The application of this legislation to the production of a Site Safety Management Plan. Case Studies in addressing safety on building sites. Law of tort: Negligence, professional negligence, duty of care, liability, occupier liabilities, nuisance, fraud, and conversion. Contract Law: Elements of contract, offer, acceptance, certainty and consideration, content of a valid contract, misrepresentation, collateral contract, implied terms; formal requirements and part performance; contract documents and their interpretations; remedies for breach of contract; recovery of payment for work done, concept of entire contract, substantial performance and quantum meruit.
Courses: CN51, CN53
Credit points: 12 **Contact hours:** 3 per week

► CNB207 PROFESSIONAL STUDIES 2
The aim of the unit is to provide the opportunity 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 understanding individuals and organisations; personality and attitudes; personal and professional business ethics; motivation and employee performance; managing stress, conflict, change, power and politics; communication; group functions; decisions making processes. Further, this unit examines industrial relations including the impact of industrial relations in the construction industry; the role of unions; labour management; health and safety; workplace reform and workplace agreements.
Courses: CN51, CN53
Credit points: 12 **Contact hours:** 3 per week

► CNB209 THE ENVIRONMENT AND THE QUANTITY SURVEYOR
The professional environment including image and status, scale of fees and charges, codes of ethics, terms of engagement, indemnity insurance, quality assurance, the APC and CPD. Facilities economics including, premises audit, energy and maintenance audits and asset registers. Environmental economics and sustainable development including, cost benefit analysis, environmental impact statements, policy initiatives, development guidelines and legislation.
Courses: CN53
Credit points: 12 **Contact hours:** 3 per week

► CNB227 APPLIED COMPUTING
The unit consists of three major components: the advanced application of spreadsheet and databases; the application of construction management packages; and the integration of computer software in a construction management environment. A range of computer products will be introduced to cover construction management topics such as project scheduling, project control, estimation, and cost monitoring.
Courses: CN52,CN53 **Prerequisites:** 12
Contact hours: 4 per week
Incompatible with: CNB304

► CNB290 BUILDING STUDIES 2
Building Studies II continues to develop the students' construction knowledge with reference to larger commercial and high-rise buildings. Lectures provide a general overview of advanced construction methods while developing students appreciation of such issues as material finishes, interior fit-outs, typical problems and solutions and interior and exterior component finishes, and fault identification and remedy. The unit examines the history and need for cost control, comparisons between cost planning and approximate estimating. NPWC cost control systems. Effect of height, shape and building efficiency upon cost and value. Functional requirements and cost implications of construction methods. Influence of site and market conditions and economics of prefabrication and industrialisation. Building cost databases and indices, cost checking and analysis. Value management and life cycling costing. 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 areas, finishes, partition types, etc. and to consider such issues as suitability of the building for change of 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 theory; competing land use; supply and demand in the pricing of urban property; the concept of the 'rent bid curve'; business location theory; the impact of land based communications corridors on price; technology and footloose location theory; planning and government control on free market pricing; environmental and heritage issues; and local government regulation and bylaws.
Prerequisites: BSB113, EFB102
Credit points: 12 **Incompatible with:** CNB184
Campus offered: GP **Semester offered:** 1

► CNB292 PROPERTY INVESTMENT VALUATION
This unit develops further the basic property valuation principles introduced in CNB194, Principles in Property Valuation, The emphasis now moves to the valuation of income producing property assets which are more commonly termed 'investment properties'. Topics covered

include the mathematics of freehold and leasehold property valuation utilising the time value of money formula as exhibited in the capitalisation of net income and discounted cash flow approaches.
Courses: CN54
Credit points: 12 **Incompatible with:** CNB286
Campus offered: GP **Semester offered:** 1

► CNB293 REAL ESTATE ACCOUNTING AND TAXATION
Financial accounting: period versus project income determination, inventory valuation and costs of goods sold, introduction of asset valuation theories, depreciation, intangible asset determination, effects of taxation. Analysis and interpretation of financial statements; multiple factors in interpretation of financial statements; multiple factors in interpretation, analysis principles for business brokerage. Asset valuation: conventional bases for valuation, current cost, replacement cost general price level changes, effects in depreciation and taxation. Business structures: sole trader, partnerships, companies and appropriate accounting procedures. Business analysis and assessment of value for business brokerage. Project accounting, contracts, part-payments, interim project determination, and development costs. The implications of current taxation regimes on; investment and development profitability and project funding. Interpretation of income and capital gains tax and the GST. Deductions and allowances, gearing (negative gearing), depreciation and building amortisation.
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 management techniques required 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, personality development, group dynamics, leadership styles, employee selection, negotiation, dispute resolution, as well as examining in detail the real estate agency industry structure, procedures, documentation and codes of ethics and the marketing of freehold and leasehold residential, commercial and specialised real estate investment properties. The property 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. Deliveries of some elements interlink with Law 1, Accounting, and Property Management.
Courses: CN54
Prerequisites: CNB191 **Credit points:** 12
Incompatible with: CNB185, CNB281
Campus offered: GP **Semester offered:** 2

► CNB295 PLANNING THEORY AND PROCESSES
Development of land use in most western democracies is a controlled and regulated activity. This unit examines the history and morphology of planning control in the Queensland context and its impact on property markets. Topics covered will include: introduction to the emergence of fundamental principles of urban planning control and regulation in Queensland; 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 planning approval and appeals processes; conservation and heritage protection 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 CONTEMPORY ISSUES
This unit is deliberately open ended and flexible with regard to content. Issues facing the property industry can be varied, wide-ranging and arrive as an issue as rapidly as it can fade. Content therefore is likely to vary from year to year as issues gain prominence and then recede.
Current topics 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, Precedence of documents. Procurement Systems. Tender Code, Insurance's. Subcontractors 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 (recording accounting information and basic financial statements, company accounts, cash flow statements, interpretation of accounts), cost and management accounting (basic cost accounting procedures, direct and indirect costs, marginal and standard costing, product costing systems and budgetary control) and financial management (cost of capital, 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 commences with an introduction to the relationship of the professions involved in estimating and to the techniques available to quantify cost. Studies of the fundamental elements of cost follow leading to detailed methods of evaluating labour, materials and equipment to realistic levels of accuracy. The unit continues with development of the 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. The unit continues with the role of management in the appraisal of estimates, the evaluation and offsetting of risk, the significance of competition, the determination of profit 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 study.
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 studied. Dealing with the client on variations in the physical work and the consequences on time are developed. The Construction Safety Act, the Workers Compensation Act and the Environmental Protection Act are studied in detail and the consequences on site operations are explored. The unit concludes with a study of the techniques for the prediction of profitability and the procedures for claiming final payment and finalising the contract.
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 and formats to cost reporting. The application of design and production economics including cost modelling, life cycle costing, tax depreciation, sinking funds, value management and production costs. An analysis of risk management in 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 introduction 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 related to the overall 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:** CNB207
Credit points: 12 **Contact hours:** 4 per week

► CNB309 LAW 2
This unit consists of: Sale of goods; hire purchase; negotiable instruments; insurance law; partnership law. Principles of company law; effects of incorporation, limited liability, limits of the separate entity doctrine. Bankruptcy and liquidation; Arbitration, the agreement, comparison with actions at law, reference by consent, appointment of an arbitrator, conduct of an arbitrator, powers and duties, rules of evidence, enforcement of an award, costs. Alternative dispute resolution and mediation.
Courses: CN51, CN53 **Prerequisites:** CNB206
Credit points: 12 **Contact hours:** 3 per week

► CNB310 MEASUREMENT 3
The measurement of building services including hydraulics, drainage, mechanical and electrical services. 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: CN53 **Prerequisites:** CNB204
Credit points: 12 **Contact hours:** 5 per week

► CNB335 TIME MANAGEMENT
This unit introduces the concept of time and construction scheduling and emphasises their importance in the control of construction projects. The unit includes an in-depth study of project time and resource planning techniques such as bar charts, critical path networks (precedence, time scales, and activity on arrows), line of balance, resource allocation and levelling, schedule updates and progress control.
Courses: CN51, CN53

Credit points: 12 **Contact hours:** 4 per week
Incompatible with: CNB304

► CNB385 RESEARCH METHODS
The unit will comprise research and retrieval skills involving books, periodicals and electronic publications. Research methodologies and strategies, research statistical analysis, presentation and dissertation writing will be fully explored.
Courses: CN54
Credit points: 12 **Incompatible with:** CNB383
Campus offered: GP **Semester offered:** 2

► CNB390 PROFESSIONAL PRACTICE
Professional experience forms 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/host interaction to ensure students receive the best quality experience possible.
Courses: CN54
Prerequisites: 3rd year subject
Credit points: 24
Campus offered: GP **Semester offered:** 1

► CNB391 STATUTORY AND SPECIALIST VALUATION
Valuers are often called upon to perform valuations 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 purposes under relevant legislation including computer assisted mass appraisal; appeals procedure; compulsory acquisition. Assessment of compensation resulting from acquisition, resumption and damage. Evidence: the expert witness and professional liability; moot court and an introduction to the valuation of special purpose properties and businesses as a going concern.
Courses: CN54
Credit points: 12 **Incompatible with:** CNB382
Campus offered: GP **Semester offered:** 1

► CNB392 PROPERTY INVESTMENT ANALYSIS
Topics covered will be: the principles and strategies of investment; alternative forms of investment; real estate as an investment medium; the real estate investment process; property ownership structures; initial feasibility analysis; detailed cash flow analysis involving NPV and IRR analysis; the modified internal rate of return (MIRR) approach; sensitivity and probability analysis; market analysis and real estate cycles; institutional property investment; risk analysis and risk management
Courses: CN54
Credit points: 12 **Incompatible with:** CNB381
Campus offered: GP **Semester offered:** 2

► CNB393 PROPERTY AND ASSET MANAGEMENT
Property Management provides a detailed insight into all aspects of property management, from residential management progressing through to the more specialised industrial, commercial and retail centre management. In addition, this subject will address life cycle analysis and incorporate 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 and application of client instructions; 3. Documentation preparation and drafting; 4. Completion of Statutory Documentation; 5. Tenancy transaction recording and management; 6. Property inspections and security; 7. Property maintenance and management; 8. Lease renewal and negotiation; 9. Termination of tenancies.
10. Corporate Management; and 11. Dispute and conflict resolution in management of property.
Courses: CN54
Prerequisites: CNB191, CNB191, 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 to enable students to gain knowledge of the various development sectors. Students will be exposed to various planning, building, legal, financial and environmental acts and conditions. Knowledge gained will be applied to a range of case studies across various development sectors.
Courses: CN54
Prerequisites: CNB292 **Corequisites:** CNB392
Credit points: 12 **Incompatible with:** CNB380
Campus offered: GP **Semester offered:** 2

► CNB402 INVESTMENT THEORY
This unit introduces the concepts of valuation, types of landed property, income, and ownership costs and capitalisation rates. The unit also examines investment theory covering 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, hypotheses formulation and applied information retrieval. A short research report will be developed which will, in conjunction with the theory presented 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 the civil engineering approach to construction and highlights the significance of temporary works and the inherent need for planning and safety. Detailed studies cover the methods and equipment employed in the execution of earthworks, heavy foundations, steel fabrication and erection, marine, water retaining structures, roadworks and bridges, mechanical erection and process plants. The unit concludes with the broader issues of environmental 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 graduating, students are required 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 apply and reinforce knowledge gained from the course. The report must reflect the student's ability to conceptualise, theorise and implement an appropriate program of 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 areas 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 are made in construction and construction management, but may include quality management; buildability; value analysis; case studies; computer applications and selection; information systems; international construction management; recent developments in law; cultural influences in construction; 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. A 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 made the presentation.
Courses: CN51, CN53
Prerequisites: To be taken in final year of course
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/processing plant and mining and offshore platforms. The application of alternative informal methods of measurement including simplified quantities, trade bills and builders' quantities to more complex building works.
Courses: CN53 **Prerequisites:** CNB408
Credit points: 12 **Contact hours:** 3 per week

► CNB425 INTERNATIONAL CONSTRUCTION
It is proposed that a different country (or similar groups of countries) will be studied at each offering of this unit. As such, the specific content of the unit may vary slightly with each offering to allow current events in international business, politics and culture to be incorporated. 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) exercises during the 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 evaluation of theatre and film through critical review based on an understanding of essential characteristics and techniques.
Courses: CN51, CN53
Credit points: 12 **Contact hours:** 3 per week

► CNB452 COMPUTER SOFTWARE APPLICATIONS 2
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; development of labour constants, standard rates and items; pricing, tendering, spreadsheet application; contract administration, variation control, rise and fall of final accounts; progress payments; cash flow forecasts.
Courses: CN33
Prerequisites: CNB647 **Corequisites:** CNB648
Credit points: 4 **Contact hours:** 2 per week

► CNB490 1/2 RESEARCH DISSERTATION
Students will embark on a research project culminating in the presentation of a written dissertation on a topic of their choice. Progression will be closely monitored and assistance provided by individual supervisors who will guide the student through the process.
Courses: CN54
Prerequisites: CNB395, this is a final year subject
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 rural land and its development, land utilisation and degradation, farm management and productivity, and extraneous factors influencing rural valuations. Rural sales, and valuation procedures are analysed and physical inspections organised to assist the student with gaining practical experience.
Courses: CN54 **Prerequisites:** CNB492
Credit points: 12 **Incompatible with:** CNB184
Campus offered: GP **Semester offered:** 2

CNB492 BUSINESS AND SPECIALIST VALUATION
Knowledge and skills developed in earlier units are applied to the process of valuing special purpose properties and going concerns. Content includes applications of the profits method of valuation, valuation of business assets; tangible, intangible and technical plant and machinery valuation; valuation of licensed premises, hotels and resorts. Valuation of regional shopping areas; heritage valuations and valuation of transferable development rights. Valuation of terminable interests. Public sector and institutional investment valuation.
Courses: CN54 **Prerequisites:** CNB292
Credit points: 12 **Incompatible with:** CNB382
Campus offered: GP **Semester offered:** 2

► CNB493 ADVANCED PROPERTY VALUATION AND ANALYSIS
The unit will explore and analyse a variety of contemporary property valuation and analysis techniques as well as techniques used in connection with other asset classes to asses their relevance to investment property analysis.
Special attention will be paid to a study of the effects of taxation and finance and the analysis methods associated with net of tax and finance investment performance measurement.
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 case study centred on a primary complex investment property will form the cornerstone of the unit.
Portfolio Property investment in terms of the distributional characteristics of real estate returns, diversification and constructing a property portfolio will also be investigated.
Courses: CN54 **Prerequisites:** CNB392
Credit points: 12 **Incompatible with:** CNB385
Campus offered: GP **Semester offered:** 2

► CNB494 ADVANCED MARKET RESEARCH ANALYSIS
This unit will re-acquaint students with published property market data sources and methods of interpretation. It will however go further to develop the students' skills to source, analyse, interpret and report on primary property market data using appropriate statistical analysis methods. Students will be introduced to statistical software packages as a tool to assist the data analysis process. The unit will not focus exclusively on the property market, its content or methodologies broader demographic, social, political and economic issues as they effect the property industry will also be investigated. Specific content will include: A review of pricing theories, applied property and urban economics, the effects of economic cycles on the property market, use and interpretation of ABS aggregated demographic data, primary data collection method and analysis, statistical software packages including probability analysis packages such as Monte Carlo Simulation, a review of current commercial analysis and valuation software packages.
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 allow students to understand the broader strategic property management issues of property as a component of investment portfolios and as an integral element of business operations.
Economic environment and property management issues Base theory: Portfolio analysis and management; Asset management and property/tenancy management; and Facilities management - concentrating on issues of organisation in relation to the identification, provision and management of property assets to support core business delivery. Changes to the use of real property and emerging issues: Demographic/social; Business and commerce structure/practices; Design and location; Environmental, legal etc; and Operational. Applying and integrating management to provide a holistic approach to property asset and facilities management in support of performance management planning, implementation and monitoring of property held for investment and occupational purposes.
Courses: CN54
Prerequisites: CNB393 **Credit points:** 12
Campus offered: GP **Semester offered:** 2

► CNB497 PROJECT COST AND RISK MANAGEMENT
The unit will identify: fundamental project management principles that relate to economics, cost and risk management and the key elements of pro-active cost management, and the implementation of risk evaluation. It will revisit the macro-economic and micro-financial contexts of project, construction and property management and provide students with and understanding of the practical applications of responsibility, accountability, motivation, reporting and implementation of project cost management. Furthermore it will cover the area of risk management analysis functions, techniques and theories as well as cost management systems applicable to design cost, value management and project life cycle management. It will apply risk management operations of risk analysis, cost estimating and systematic risk reduction to specific projects and promote a professional attitude towards project cost and risk management issues relating to both construction and property. It will further seek to enhance an educated view of assessment and control measures that can lead to appropriate contractual arrangements and investigate integrate project risk and cost management concepts in order to ameliorate project management effectiveness
Courses: CN54
Prerequisites: CNB290, CNB394
Credit points: 12
Incompatible with: CNP521
Campus offered: GP **Semester offered:** 1

► CNB498 PROJECT HUMAN RESOURCE MANAGEMENT
Effective project delivery requires effective utilisation of all project resources. The cornerstone of the project management process is management of the diverse professional team brought together complete the project on time to specification and within budget. Topics covered will include: Principles of Human Behaviour; Aspects of Personal Development and Motivation; Communication skills; Characteristics and styles of leadership; Group dynamics and interactions; and Conflict management and arbitration. An integral part of the unit is a field trip the aim of which is to 'increase their understanding and skills of human processes relevant to project management'. The trip seeks to contribute to self awareness; understanding behaviour, understanding and refining effective communication skills; learning the art of good listening; developing questioning skills; ascertaining and experiencing the 'comfort zone'; goal setting; planning in the workplace; problem solving; approaches to conflict resolution; assertion; group conflicts; team development; developing an efficient and effective culture; setting values.
Courses: CN54 **Prerequisites:** CNB496
Credit points: 12 **Incompatible with:** CNP551
Campus offered: GP **Semester offered:** 2

► CNB499 INTERNATIONAL PROJECT DEVELOPMENT MANAGEMENT
The unit develops concepts of project development management introduced to the student in CNB 496, Project Management, and places them in an international, or more specifically, Asia-Pacific, regional context. To this end the content will be similar to CNB 496 with a focus on theories related to project definition and scope, project implementation and termination, and the latest developments affecting the practice of project management in organisations. The following are some of the key aspects covered in the core unit: Project management skills - professional development; Project management as a conscious process, making use of various concepts and techniques to achieve a successful project outcome - defining project brief/scope and boundaries; Project management as an organisational tool, forming the most appropriate project structure and project team - organisation design and project communication; and Project management as an integrative process, from planning to execution and managing change - performance measurement (time, cost and quality).
Courses: CN54 **Prerequisites:** CNB394
Credit points: 12 **Incompatible with:** CNP534
Campus offered: GP **Semester offered:** 2

► CNN103 DISSERTATION
This unit is compulsory for students enrolled at the Masters level and covers a period over two semesters. The unit incorporates lectures in research methodology and information retrieval. Students develop the skills necessary for conducting independent research by completing a dissertation on a chosen topic under the guidance of an appointed supervisor. The approved topic must be in an area related to facilities management.
Courses: CN75 **Credit points:** 48

► CNN442 DISSERTATION
Students develop the skills necessary for conducting independent research by completing a dissertation on a chosen topic under the guidance of an appointed supervisor. The approved research topic must be in an area related to project management or property development. The unit also incorporates lectures in Research Methodology, and information retrieval skills.
Courses: CN77 **Credit points:** 48

► CNP102 SPACE PLANNING AND WORKPLACE STRATEGIES
The focus of this unit is to provide a clear understanding of the social, technological and organisational factors impacting on the design and management of workplace environment within organisations. Basic principles covering the assessment of space demand and space planning and 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 strategies.
Courses: IF92, CN75
Credit points: 12 **Contact hours:** 3 per week

► CNP496 PROJECT MANAGEMENT
This unit will focus on theories related to project definition and scope, project implementation and

termination, and the latest developments affecting the practice of project management in organisations. The following are some of the key aspects covered in the core unit: Project management skills - professional development; Project management as a conscious process, making use of various concepts and techniques to achieve a successful project outcome - defining project brief/scope and boundaries; Project management as an organisational tool, forming the most appropriate project structure and project team - organisation design and project communication; and Project management as an integrative process, from planning to execution and managing change - performance measurement (time, cost and quality).
Courses: CN54 **Prerequisites:** CNB393
Credit points: 12 **Incompatible with:** CNP520
Campus offered: GP **Semester offered:** 1

► CNP520 PROJECT MANAGEMENT
An introduction to project management as a growing discipline/profession. This unit will focus on theories related to project definition, project scope, project tools and implementation. Key aspects covered include professional development, organisation design and project structure, communication, managing change and performance measurement (time, cost and quality).
Courses: CN64, CN77, CN81
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: CNP431

► CNP521 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 tools essential for proactive project and cost management, and the fundamentals of risk evaluation associated with project implementation.
Courses: CN64, CN77, CN81
Credit points: 12 **Contact hours:** 3 per week

► CNP532 INNOVATION AND TECHNOLOGY MANAGEMENT
This unit introduces key concepts in better understanding the role of innovation and technology and its efficient management, to build and maintain a competitive edge in business. Innovation and Technology Management links engineering, science and management principles to identify, choose and implement the most effective means of attaining compatibility between an organisation and its competitive, economic and social environment.
Courses: CN64, CN77, CN81
Credit points: 12 **Contact hours:** Block format

► CNP533 PROJECT MANAGEMENT LAW
Aims to create awareness of the legal environment in which the project manager operates. The project manager in the construction industry is exposed to a variety of legal situations on a day-to-day basis. It is important that the manager has the information on which to base decisions which reduce the risk of legal entanglement. The unit covers key principles of Tort, Contract and Construction law from an Australian and international perspective. Dispute resolution processes and mediation are also studied from an Australian and International perspective.
Courses: CN64, CN77, CN81
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: CNP433

► CNP534 INTERNATIONAL PROJECT MANAGEMENT
Introduces key concepts, and furthers the understanding of international issues in project management from the perspective of the Australian project manager. It compares technical, managerial, economic and cultural concepts and trends related to project management in the competitive global marketplace. Material is covered from a market viewpoint as well as from the viewpoint of a single project and firm. Emerging opportunities and misconceptions are discussed, nities and misconceptions are discussed, with particular reference to the Asia-Pacific region.
Courses: CN64, CN77, CN81
Credit points: 12 **Contact hours:** Block format
Incompatible with: CNP406

► CNP545 PROJECT DEVELOPMENT
Focuses on issues relating to feasibility assessment of property development opportunities and the development process. Topics covered include evaluation of project feasibility - financial, social and legal aspects; marketing, project team formation, contract and procurement options.
Courses: CN64, CN77, CN81
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: CNP426

► CNP547 PROPERTY INVESTMENT
Property (or real estate) is one of a number of competing investments available in the investment market. The unit covers principles and strategies of property investment, investment financing and evaluation techniques. Time value of money, cashflow models and taxation issues related to property investment. Basic concepts of value and worth, and detailed financial viability studies.
Courses: CN64, CN77, CN81
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: CNP402, CNP438

► CNP551 PROJECT HUMAN RESOURCE MANAGEMENT
The most valuable and possibly expensive resource a project manager has is people. The manager needs to know how to maximise this resource by working with all those involved in the project. This unit introduces the student to theory and skills in project management as they are applied to managing the people aspects of projects. Theories will be examined as they apply to practical issues. In addition to lectures on the human aspects of project management, an important component of this unit is experiential learning through group dynamics and workshops.
Courses: CN64, CN77, CN81
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: CNP431, CNP437

► CNP552 CURRENT ISSUES
The unit introduces current areas of importance in project management and integrates these areas within the framework established in other units. This unit incorporates case studies, workshops and discussions. Areas may include: procurement practices, industry development, quality management, buildability, value analysis, case studies, arbitration and benchmarking. This unit provides the opportunity for students to become familiar with current research activities within the School and its partners.
Courses: CN64, CN77, CN81
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: CNP430

► CNP553 INFORMATION TECHNOLOGY FOR PROJECT MANAGERS
This unit will address the revolution in information technology and the widespread use of personal computers by providing project managers with skills in using a range of appropriate software, and an appreciation of information resources and the impact of information technology on construction management and property development processes. The unit will provide competency in the selection and use of appropriate information technology through the study of essential computer packages and advanced project management software.
Courses: CN64, CN77, CN81
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: CNP434, CNP668

► CNP554 ADVANCED LAND DEVELOPMENT
This unit provides an understanding of the housing industry and detailed insight into feasibility analysis of land development sites. Topics covered include housing policy, demographics, housing choice and affordability, as they impact upon the real estate market. Case studies include residential feasibility studies and multidisciplinary projects.
Courses: CN64, CN77, CN81
Prerequisites: CNP545 **Credit points:** 12
Contact hours: 3 per week
Incompatible with: CNP404

► CNP555 PROPERTY MARKET ANALYSIS
Principles of property economics, market research methodology especially surveys and hypotheses testing, property market data available in Australia, supply and demand studies of property.
Courses: CN90 CN91 CN92 **Credit points:** 12
Campus offered: GP **Semester offered:** 1

► CNP556 PROPERTY MANAGEMENT AND CONTRACTS
Property contracts, especially leases, partial rights and purchase and sale; lease management, rent statements and accounting procedures, computer based property management programs, property type differentials, property portfolio management.
Courses: CN90, CN91, CN92 **Credit points:** 12

► CNP557 PROPERTY PORTFOLIO ANALYSIS
Indirect property investment vehicles in Australia, modern portfolio theory and its application to property portfolios, property and securities indexes, benchmarking, compliance, and performance evaluation of Australian listed property funds sector.
Courses: CN90 CN91 CN92 **Credit points:** 12
Campus offered: GP **Semester offered:** 2

► DBP001 CRITERIA OF DESIGN FOR AGEING
This unit is focused on providing you with an understanding of standards, codes, instruments, procedures, principles, and techniques of importance to design for ageing. It is mostly based on Australian sources and, where appropriate, on a selection of internationally recognised material from other countries. You will gain a broad knowledge of core aspects that govern the physical and care environments. On completion, you should be able to critically appraise key fundamentals and their contextual significance.
Courses: DB60 **Credit points:** 12

► DBP002 PERFORMANCE OF DESIGN FOR AGEING
This unit is focused on providing you with a holistic awareness of therapeutic environments, especially in relation to aged care facilities. On completion, you should be able to demonstrate sensitivity to the needs, wants and capabilities of heterogeneous older consumers, and attain an insightful perspective of how to develop and benefit from therapeutic environments and products.
Courses: DB60 **Credit points:** 12

► DBP003 EVALUATION OF DESIGN FOR AGEING
This unit is focused on providing you with an understanding of the post-occupancy evaluation process. On completion, you should be able to demonstrate a comprehension of environment-behaviour research methods, and undertake a post-occupancy evaluation of an aged care facility.
Courses: DB60 **Credit points:** 12

► DBP004 REALISATION OF DESIGN FOR AGEING
This unit is focused on providing you with the opportunity to select a challenging design/research project of personal interest and professional relevance. On completion, you should be able to demonstrate a thorough familiarity of the chosen design for ageing topic, as well as proficiently integrate theory and practice through a professionally competent approach.
Courses: DB60 **Credit points:** 12

► DBP401 URBAN AND SITE ANALYSIS
Planning students need to understand the various issues relating to city development as well as learn site-planning process for the development of urban land. This planning unit is designed to assist students develop basic skills of urban and site analysis.
Courses: PS70, PS72 **Prerequisites:** Nil
Corequisites: Nil **Credit points:** 12
Campus offered: GP **Semester offered:** 1

► DBP402 PLANNING PROCESSES
Graduate students from other disciplines starting their planning studies need to develop 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 research methods appropriate for their study. Accordingly, this unit examines and explains the logic, role and methods of successive stages of the planning process, from objective formulation, information and resource analysis through policy and strategy development to evaluation, development of proposals and monitoring.
Courses: PS70, PS72 **Prerequisites:** Nil
Corequisites: Nil **Credit points:** 12
Campus offered: GP **Semester offered:** 1

► DBP403 DESIGN COMMUNICATION
Students entering the course from non-design disciplines require basic skills in graphic communication for use in planning practice and design units. This unit, which is normally, taught intensive mode preceding the start of semester has two elements. Perception and basic Design includes how and what we see, design vocabulary and comparative models of design. Planning Graphics introduces students to different forms of representation, methods, presentation, visual imagery, and graphic tools for analysis and synthesis.
Courses: PS70, PS72 **Prerequisites:** Nil
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

► DBP405 URBAN DESIGN
Urban Design is the field that brings together the contributions of the various built environment professions toward shaping the urban form and quality of life offered by our cities and towns. This unit provides an introduction to key urban design ideas, using existing urban areas as the vehicle for analysis and understanding. Urban design is presented as a collaborative interdisciplinary activity that involves the coordinated input of a range of built environment professionals.
Courses: PS70, PS72 **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 concrete skills, in the application of computers to analyse and interpret digital and spatial information that forms the basis of decision-making. Across both government and private sectors, information is communicated within the digital environment, and as the associated technology, software and methods rapidly develop, planners need to possess the necessary computer skills to continue using digital tools effectively.
Courses: PS70, PS72 **Prerequisites:** Nil
Corequisites: Nil **Credit points:** 12
Campus offered: GP **Semester offered:** 1

► DBP407 ENVIRONMENTAL PLANNING & MANAGEMENT
This unit seeks to introduce students to the theories, processes and tools of environmental planning and management. The unit provides the student with a basic understanding of a range of environmental issues and concerns relevant to planning issues and problems. It addresses the broad range of planning decisions that affect the environment.
Courses: PS70, PS72 **Prerequisites:** Nil
Corequisites: Nil **Credit points:** 12
Campus offered: GP **Semester offered:** 2

► DBP408 PLANNING IMPLEMENTATION & LAW
Professional competence in planning requires a detailed understanding of the theory and implementation of planning procedure, planning law and other related legislation. This unit in planning implementation and law is designed to give students basic skills and knowledge of planning law and its associated procedures.
Courses: PS70, PS72 **Prerequisites:** Nil
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 conduced in conjunction with local governments and communities, provides students with these skills of integrated local area planning.
Courses: PS70, PS72 **Prerequisites:** DBP402
Corequisites: Nil **Credit points:** 12
Campus offered: GP **Semester offered:** 1

► DBP410 RESEARCH METHODS IN PLANNING
This unit introduces students to the range of research methods available to them as planners and provides a critical format in which they can assess the efficacy and suitability of these methods. It also provides practical experience in using relevant methods and techniques to address current planning issues.
Courses: PS70, PS72 **Prerequisites:** DBP402
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 interrelate a wide range of community concerns including land use and development assessment, employment, human services, environmental quality, urban design, access and culture. In exploring the practices and theories of community planning, particular emphasis is placed on community involvement, consultation and conflict resolution.
Courses: PS70, PS72 **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 to their profession and to be inculcated with a sound basis of professional ethics. This unit explores the theoretical underpinnings of urban and regional planning through an investigation of a variety of ideas about planning. It also links ideas about the nature and purpose of planning with ideas about professional ethics. Because it is based on utilising students' previous experience it comes in a later semester of the course.
Courses: PS70, PS72
Prerequisites: Nil **Corequisites:** Nil
Credit points: 12 **Campus offered:** GP

► DBP413 REGIONAL PLANNING PRACTICE
This unit provides the opportunity to develop and apply wide-ranging skills of analysis and synthesis in a real world problem-solving situation, linked to policy formulation issues explored in parallel in DBP414 Regional and Metropolitan Policy. As the second of two practice-focused units, Regional Planning Practice concentrates on the broader regional and metropolitan scales to develop skills in dealing with larger scale, strategic-level planning. 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, economics, human activities, central place theory, regional resource evaluation, social organization and public administration. These operate and need to be understood at both global and regional; scales. The resulting synthesis must be applied within specific regions. In order to achieve this, the unit is designed to focus and apply material from diverse disciplines and locations to current regional and metropolitan policy issues in South East Queensland.
Courses: PS70, PS72 **Prerequisites:** DBP402
Corequisites: Nil **Credit points:** 12
Campus offered: GP **Semester offered:** 1

► DBP415 PROFESSIONAL PRACTICE OR RESEARCH PROJECT
This unit will offer students the choice of undertaking a supervised individual research project or a structured period of professional practice. The two are offered in the one unit in order to encourage synthesis between research and professional activities. Both activities are most appropriate in the final semester of the course, allowing students to build on and integrate their previous experience. This unit also provides a stepping stone for students continuing on to the Master of Urban and Regional Planning by providing either a first stage to an advanced research project or an introduction to an advanced professional practice project.
Courses: PS70, PS72
Prerequisites: DBP410, DBP409
Corequisites: Nil
Credit points: 12 **Campus offered:** GP

► DBP416 ELECTIVE
This unit enables students to choose an elective from the offerings of any course in QUT or another university, provided that it will enhance learning in the core discipline. Selection requires the approval of the course coordinator.
Courses: PS70, PS72 **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 in specific programs offered within the School or from advanced units within QUT or another university, or through specialist guidance by staff in their areas of expertise and approved by the Head of School on the recommendation of their research project supervisor.
Courses: PS70 **Prerequisites:** Nil
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 development through supervised individual advanced research. The two are combined into a single unit in order to encourage synthesis between research and professional activities. The unit is an extension of the study completed in DBP415 Professional Practice or Research Project in the Graduate Diploma in Urban and Regional Planning. The unit will normally be linked to the student/staff seminars in DBP503 Masters Seminar.
Courses: PS70 **Prerequisites:** DBP415
Corequisites: Nil **Credit points:** 24

► DBP503 MASTERS SEMINAR
In order to derive full benefit from their advanced studies Master students need to exchange views on theory and practice with each other and with experienced practitioners and academics. They also need to explore the significance of

their studies for issues of major planning significance. This unit thus provides an integrated forum as a communicative core to the Masters Program, linking individual dissertations and professional practice experience to a wider contemporary context.
Courses: PS70
Prerequisites: DBP502, DBP414
Corequisites: Nil **Credit points:** 12
Campus offered: GP **Semester offered:** 1

► EAB308 EARLY CHILDHOOD SCIENCES, MATHEMATICS & TECHNOLOGY
Overview of early childhood science, social studies and maths topics, concepts and processes; investigation of appropriate monitoring strategies; use of a variety of technologies; ways in which early childhood environments can be organised to support integrated, active, inquiry learning, with relevant resources from the immediate classroom, the outdoors, families and the local neighbourhood.
Courses: ED53
Credit points: 12 **Contact hours:** 3 per week

► EAB333 EARLY CHILDHOOD EDUCATION: COMMUNITY CONTEXT
Education and change in a post-modern society; the implications for education of the complex and diverse nature of Australian society; the role of policy making in meeting the educational challenges of the 1990s.
Courses: ED53 **Credit points:** 12

► EAB335 EARLY CHILDHOOD LANGUAGE & ARTS EDUCATION
Introduces students to the theory, issues and practices involved in planning to foster young linguistic and artistic development in a range of early childhood educational contexts.
Courses: ED53
Credit points: 12 **Contact hours:** 3 per week

► EAB345 EARLY CHILDHOOD CURRICULUM: LANGUAGE EDUCATION
Pertinent theories and research in language and literacy education for children in early childhood settings; development of specific teaching and interactive practices for working with children's development of literacy, and for teaching reading and writing; planning appropriate learning environments using a wide range of literary and other resources; introduction to English syllabus.
Courses: ED43, ED44, ED52, ED53, ED57, IF81, IF83
Credit points: 12 **Contact hours:** 4 per week

► EAB346 EARLY CHILDHOOD CURRICULUM: SCIENCE, SOCIETY & THE ENVIRONMENT
Teacher's knowledge and understanding of science and its influences and applications; broad, multidisciplinary approaches to scientific, social and environmental issues in order to create just and sustainable futures; development of scientific knowledge and related social perspectives in programs for young children; practical activities arising from observations of children's interest and needs.
Courses: ED26, ED43, ED44, ED52, ED53, ED57, IF81, IF83
Credit points: 12 **Contact hours:** 4 per week

► EAB347 EARLY CHILDHOOD CURRICULUM: EARLY MATHEMATICAL EXPLORATIONS
Theories and understanding of children's conceptual development; application of active inquiry processes to further concept development in mathematics; foundational concepts in mathematics and the development of appropriate learning and teaching opportunities; use of language in children's concept of number; role and use of technology in processes for learning and understanding.
Courses: ED26, ED43, ED44, ED52, ED53, ED57, IF81, IF83
Credit points: 12 **Contact hours:** 4 per week

► EAB348 EARLY CHILDHOOD CURRICULUM: ARTS
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 expressing; creativity vs. artistry; overview of artistic development from birth to adolescence; the arts, culture, education and the young child; elements and concepts in the visual arts, music, drama, movement and dance with specific emphasis on the visual arts; the development of the visual arts for children in early childhood settings; assisting artistry with children 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

► EAB349 ADVANCED EARLY CHILDHOOD CURRICULUM: ARTS
Application of principles, practices, philosophies and theories in the areas of music, drama, movement and dance, with specific emphasis on how these arts provide unique opportunities for knowing and understanding; assisting children's development through music, dance and drama in preschool and primary school early childhood settings; integration of the arts in relation to unique and shared elements and concepts across various domains; advocacy in the arts.
Courses: ED43, ED52 **Prerequisites:** EAB348
Credit points: 12 **Contact hours:** 4 per week

► EAB350 ADVANCED EARLY CHILDHOOD CURRICULUM: LITERACY & NUMERACY IN THE EARLY YEARS
Observation, assessment and diagnosis of the literacy and numeracy abilities of young children in early childhood education settings; planning, implementing and evaluating programs to foster optimal development in literacy and numeracy; addressing literacy and numeracy needs of all children equitably and justly; critical examination of teaching approaches and resources in literacy and numeracy education.
Courses: ED43, ED52
Prerequisites: EAB345, EAB347
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 employment patterns, unemployment, poverty, inequality and social justice, ideology of family, cultural diversity, particularly from the perspectives of Aboriginals and Torres Strait Islanders, and the influence of technology; reciprocal social and family influences.
Courses: ED43, ED44, ED52, ED53
Credit points: 12 **Contact hours:** 3 per week

► EAB360 EARLY CHILDHOOD DRAMA IN EDUCATION
Drama is 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 reflect upon their own and other's behaviour. 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 and 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 experiences of 'storying'. This unit will introduce students to the value of storytelling with young children; the selection of appropriate children's literature suitable for storytelling; various storytelling strategies in terms of their impact on a young audience; the use of appropriate props for storytelling; and ways of integrating storytelling across the curriculum.
Courses: 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 changing trends in legislation and practice relating to young children; current issues in children's rights; professional ethics and the responsibility of early childhood educators to children, parents, the community, society, colleagues and the profession; advocacy for young children; case studies relating to children's rights and ethical dilemmas.
Courses: 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 curriculum for young children will be considered in the light of theories and research that suggest that children construct their own knowledge. Ways in which teachers and children can work together in creating a curriculum that is meaningful to children while meeting the expectations of parents and society in relation to childcare, kindergarten/preschool and lower primary settings will be considered. Practical strategies for setting up supportive learning environments and methods for evaluating teaching and learning will be included.
Courses: ED52
Credit points: 12 **Campus offered:** KG

► EAB364 ACADEMIC AND PROFESSIONAL COMMUNICATION
Develops an understanding of the general processes of communication in an academic and professional contexts; application of information literacy skills to a range of print and electronic sources; conventions for communicating using a range of academic text-types using print and electronic media; key concepts relating to the study topic: Families in Context.
Courses: ED43, ED44, ED53
Credit points: 12 **Contact hours:** 3 per week

► EAB410 EARLY EDUCATION: DECIDING THE CURRICULUM
Features of curriculum decision making in child care centres, kindergartens, first years of school; focus on processes used to create curriculum that is responsive to young children's abilities and family aspirations; issues associated with multi-age grouping, play, parent partnerships, child study and shared ownership in learning; investigation of current practices and reflection on personal professional knowledge.
Courses: ED20, ED26
Credit points: 12 **Contact hours:** 3 per week

► EAB411 EARLY EDUCATION: LITERACY
A study of current understandings about the nature of literacy, literacy development in early childhood and the ways in which this development can be fostered both within the home and at a range of educational and care settings. The broad topic areas addressed comprise language foundations, processes and patterns of development, the classroom context and program development. Students are expected to build on their preservice studies in the area of language and literacy development and learning.
Courses: ED26
Credit points: 12 **Contact hours:** 3 per week

► EAB412 ADVANCED INTEGRATED EARLY CHILDHOOD CURRICULUM
Examination of key ideas informing holistic curriculum approaches; theories and practices associated with play in the curriculum in all early childhood settings, and particularly the lower primary school; implications of implementing an inclusive curriculum; issues of equity and social justice reviewed in relation to the transacting the

curriculum in early childhood settings; critical analysis of approaches to designing curriculum for the expanding range of services for young children and families in Australia.
Courses: ED43, ED52, ED53
Credit points: 12 **Contact hours:** 4 per week

► EAB413 MANAGEMENT OF EARLY CHILDHOOD SERVICES
General management theory and practice; organisational and leadership styles; management of various early childhood services; setting policies and planning for services; implementing day-to-day tasks and operations; managing and working with people; collective and collaborative approaches to management; teamwork and decision-making; ethical issues and conduct; advocacy of early childhood services for young children from all cultural and social contexts.
Courses: ED20, ED43, ED44, ED52, ED53, ED57, IF81, IF83
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 and the adults involved with them; awareness and understanding of the research process from development of proposal, through conduct of some aspects of data collection and analysis to writing parts of the thesis. Introduction to and involvement in processes of self-evaluation. Students will be involved with a practising researcher who will act as mentor.
Courses: ED43, ED52
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 resource files for teaching and referral; models of parent-professional communication; evaluation of community programs; careers in early childhood services and education.
Courses: ED43, ED52
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 education; in-depth exploration of young children's artistic development and learning; assessment and evaluation of visual arts in early childhood; methods of reporting and record-keeping; studio art experiences; curating children's art exhibitions; public information about children's artistry; advocacy for improving options for young children in the visual arts.
Courses: ED43, ED52
Credit points: 12 **Contact hours:** 4 per week

► EAB418 STUDIES IN NARRATIVE FOR YOUNG CHILDREN
Critical analysis of central themes and issues relevant to the range and uses of narrative with young children; selection and evaluation of stories and narratives (spoken and in print) for use in a multicultural society; desirable qualities in narrative resources and materials; story-telling and story-reading techniques; narrative as a means of reflecting on human issues for the individual and for society; use of narrative in early childhood programs generally and for linking curriculum areas.
Courses: ED43, ED52
Credit points: 12 **Contact hours:** 4 per week

► EAB419 MUSIC EDUCATION FOR DIVERSE LEARNERS
This unit provides advanced exposure to music education and explores ways in which music programs for young children can be established on experiential, self-chosen and guided bases. Students will acquire a understanding of musical concepts and elements to enable them to interact with, and make decisions about, sound and to apply specific teaching strategies and techniques to guide children's conceptual understanding, knowledge, skills and socio-cultural awareness of music.
Courses: ED43, ED52
Credit points: 12 **Contact hours:** 4 per week

► EAB420 CHILDREN, TEACHERS & THE ENVIRONMENT
Teachers positions in relation to community concerns on socio-environmental issues; socially just and ecologically sustainable programs; environmental education; exploring a range of environmental issues and dilemmas.
Courses: ED43, ED52
Credit points: 12 **Contact hours:** 4 per week

► EAB421 EVERYDAY FOOD LEARNING
Exploring a food cycle approach to learning; consideration of space, time, resources and teaching strategies; current early childhood policies and practices affecting the food and health of children from birth to eight years of age; staff health in relation to early childhood program delivery.
Courses: ED43, ED52
Credit points: 12 **Contact hours:** 4 per week

► EAB422 TECHNOLOGY & THE YOUNG CHILD
Selection, use and critical evaluation of computers and associated software, and related technologies in early childhood programs, linking technology and problem-solving; applications and use of computers and associated software for language, number and problem-solving; creating teaching materials.
Courses: ED43, ED52
Credit points: 12 **Contact hours:** 4 per week

► EAB423 MUSEUMS: PLACES OF LEARNING
Designed to assist preservice teachers understand the nature of children's, students' and visitors' experiences in out-of-school settings such as, museums, science centres, art galleries, zoos, and aquaria. Explores the nature and character of 'museum learning' and examines ways which teachers might optimise students' and children's experiences in and beyond museum settings.
Courses: ED43, ED50, ED51, ED52, ED54, ED55, IF70-IF79
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG

► EAB440 WORKING WITH PARENTS & COMMUNITY
Parental roles in childhood; review of research on child rearing; the use of interpersonal skills in relating to parents; planning for parent involvement; parent involvement approaches; resources for parents; meeting the needs of parents and programs; future trends.
Courses: ED20, ED23, ED26
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 the development of self identity including self-esteem, self-efficacy, and gender identity; early relationships, social competence and prosocial behaviour; the role of play in fostering children's physical, motor and social development and the early childhood teachers' role in facilitating engagement in play.
Courses: ED43, ED52, ED57, IF81, IF83
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: EAB341, EAB343

► EAB443 COGNITION AND LANGUAGE IN EARLY CHILDHOOD
Processes and features of language, perceptual and cognitive development of children from birth to eight years; language acquisition and communication; interrelationships between language and thought; the knowledge base and perceptual and cognitive processes; analysis of observational data to plan for children linguistically, perceptually and cognitively.
Courses: ED26, ED43, ED52, ED57, IF81, IF83
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: EAB341, EAB342

► 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; observation 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 discipline areas 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: EAB444
Credit points: 12 **Contact hours:** 4 per week

► EAN601 EARLY CHILDHOOD TEACHERS KNOWLEDGE IN ACTION
Critical reflection on knowledge in action as teachers work in early childhood programs; history of the development of key ideas influencing early childhood curriculum and teaching; methods for studying teachers at work in different early childhood programs; analysis of research that examines issues related to teaching in early childhood programs.
Courses: ED13, ED11 **Credit points:** 12

► EAN602 LEADING EARLY CHILDHOOD SERVICES & POLICIES FOR FUTURE GENERATIONS
Analyses of the theoretical bases for inquiring into the contexts of early childhood policy and service provisions; understanding of leadership and management processes for developing and delivering responsive and instrumental early childhood services; knowledge of change theories that inform leadership and advocacy for future-oriented early childhood policies and services.
Courses: ED13, ED11 **Credit points:** 12

► EAN603 DEVELOPMENT IN EARLY CHILDHOOD CONTEXTS
Development of skills for critical evaluation of current developmental research in early childhood; knowledge of a broad range of methodological approaches for research in early childhood development in family and educational contexts; critical discussion of the findings of developmental research and the implications of this knowledge for early childhood education.
Courses: ED13, ED11 **Credit points:** 12

► EAN604 YOUNG CHILDREN, FAMILIES & COMMUNITY
Aspects of family diversity; the interactions between young children, families and the wider social and cultural community; key issues facing families within community contexts; and the

analysis of transactions involving professionals, young children, families and community.
Courses: ED13, ED11 **Credit points:** 12

► EAN607 CONSULTATION & TEAMWORK
Analysis of typical professional consultancy and teamwork contexts within education and early childhood services, including contributions from other disciplines (for example medicine, psychology, therapies, social welfare, law) and agencies (for example health, community services, police); theoretical and practical understanding of intra- and interpersonal qualities which affect consultancy and teamwork; theory and application of group development processes related to effective task accomplishment. Factors impinging on the quality of interdisciplinary and interagency teamwork; strategies for reviewing and improving consultation and teamwork.
Courses: ED13, ED11 **Credit points:** 12

► EAN608 CONSTRUCTIONS OF CHILDHOOD & EARLY EDUCATION
Critical analysis of the social constructions of childhood and early education across the twentieth century and how those constructions are linked to social, political and economic change. Application of a range of theoretical perspectives enables exploration and analysis of assumptions held with respect to childhood and early education; consideration of how conflicting ideas within early childhood education are understood.
Courses: ED13, ED11 **Credit points:** 12

► EAN609 INCLUDING CHILDREN WHO HAVE DISABILITIES IN EARLY CHILDHOOD PROGRAMS
Critical analysis of policies that impact on the provision of early childhood services for children who have disabilities; examination of the ethical and pragmatic arguments for inclusion and evaluation of the research on inclusive practices; evaluating inclusive programs and knowledge of a range of resources that support inclusion.
Courses: ED13, ED11 **Credit points:** 12

► EAN610 EARLY CHILDHOOD LANGUAGE AND LITERACY CURRICULUM
Effective teachers of literacy and language in early childhood settings are comfortable with using a wide range of observations and monitoring activities in order to plan appropriate learning programs for young children. Teachers also understand the theories that underpin their teaching practices and assessment processes so that they are able to integrate classroom and individual learning experiences across curriculum areas and age differences.
Courses: ED17
Credit points: 12 **Contact hours:** 3 per week

► EAN611 EARLY CHILDHOOD MATHEMATICS, SCIENCE AND TECHNOLOGY CURRICULUM
The study of the concepts and processes that underpin the curriculum applications of mathematics, science and the use of technology in early childhood contexts. Ways in which early childhood environments can be organised to support active learning, inquiry and problem-solving to support learning of young children.
Courses: ED17
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. Addressing the needs of children from all social groups and cultural backgrounds. Developing a sensitivity for the needs of all children from a variety of perspectives.
Courses: ED17
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 curriculum areas 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 behaviour 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, the role 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 research 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 media, and ethical and legal obligations; analysis of procedures and techniques for case studies; formulating a personal philosophical statement.
Courses: ED20, ED23
Credit points: 12 **Incompatible with:** EAP532

► EDB400 FIELD EXPERIENCE 1
Part 1 (On-Campus) provides a background for students about to engage in field experience. The focus is on learning styles, types of knowledge, accelerated and integrated learning, the mentoring process, preparing portfolios of work and self-directed learning. In Part 2 (In-Field), students learn how to plan and promote a learning program. It involves identifying the needs of a target group, and the planning and promotion of appropriate training strategies.
Courses: ED54
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: ED54
Prerequisites: EDB400 **Corequisites:** EDB400
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 learn the requirements for planning assessment in a specific context, how to determine evidence requirements, select appropriate assessment methods and develop assessment tools in specific contexts. Students also learn how to employ the above components in practice.
Courses: ED54
Prerequisites: EDB400
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 should assist them to become effective trainers/educators.
Courses: ED54
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 understanding, appreciating, 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 consumers of the research findings of others.
Courses: ED50, ED51, ED52 **Credit points:** 12
Incompatible with: EDN611, SPB009

► EDB411 DISSERTATION
This unit builds on the understandings developed in the unit Introduction to Research Methods in Education (EDB410). The Dissertation represents an individual piece of research completed under the guidance of an academic supervisor. It should make a contribution to knowledge within a particular educational context through the critical analysis and evaluation of existing knowledge, and the investigation of a research focus or

question within a particular educational context. The conclusions of the research should include the relevance for educational practice. This unit provides students with an excellent base on which to build their future academic study.
Courses: ED50, ED51, ED52
Prerequisites: EDB410 **Credit points:** 36

► EDB420 EARLY CHILDHOOD PROFESSIONAL PRACTICE: CHILD CARE
This unit aims to develop an understanding of the socio-historical and contemporary contexts for children under three years of age in child care settings. Students explore a range of programming issues for this context, including observing children and planning for them, the use of play, exploration, communication and problem solving by children of this age. Twenty days of practicum.
Courses: ED43, ED52, ED57, IF81, IF83
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 five to eight years; planning from observations; discourse practices and classroom management; working in groups; policies, syllabi and resources in curriculum generation and provision; handwriting; twenty days in lower primary classrooms.
Courses: ED52, 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 preschools and 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: ED43, ED52, ED57. IF81, IF83
Credit points: 12 **Contact hours:** 2.5 per week
Incompatible with: EAB353

► EDB423 EARLY CHILDHOOD PROFESSIONAL PRACTICE: CHOICE
Refining strategies for teaching and working collaboratively with children, parents and colleagues in early childhood contexts; students reflection on development of own practices; roles of early childhood educators with regard to ethics, advocacy for young children, policy development and administration; curriculum vitae and resume; 20 days of supervised practice in an early childhood setting of the student choice.
Courses: ED43, ED52, ED53, ED57, IF81, IF83
Prerequisites: EDB420, EDB421, EDB422
Credit points: 12 **Contact hours:** 2.5 per week
Incompatible with: EAB354

► EDB430 PRIMARY PROFESSIONAL PRACTICE 1: CLASSROOM MANAGEMENT
Provides an introduction to professional practice in education and gives a foundation for further development in the areas of specialisation and/or specific subject curriculum areas. The role of the teacher is examined with reference to the teacher as communicator, planner, manager and facilitator of learning. It provides an opportunity for approaches, strategies and skills associated with the 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:** 3 per week

► EDB431 PRIMARY PROFESSIONAL PRACTICE 2: CURRICULUM DECISION MAKING
Examination of aspects of curriculum decision making to acquire the knowledge, skills and processes necessary for short-term and long-range planning. Curriculum development, curriculum implementation and curriculum evaluation are investigated to refine daily, weekly and term programs. Particular attention is given to co-operative teaching of an integrated unit of work. Includes 20 days of practice teaching in a primary school.
Courses: ED51, ED56, IF82, IF84
Prerequisites: EDB430
Credit points: 12 **Contact hours:** 2 per week

► EDB432 PRIMARY PROFESSIONAL PRACTICE 3: THE INCLUSIVE CURRICULUM
Addresses the social, political and material relations that exist in differing classroom curriculum practices, examining both the constraining and enabling factors that impact on and generate possibilities within the conceptualising 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
Prerequisites: EDB431
Credit points: 12 **Contact hours:** 12 per week

► EDB433 PRIMARY PROFESSIONAL PRACTICE 4: REFLECTIVE PRACTICE
Prior to graduation, students need to synthesise the range of skills, attitudes and knowledge sources that they have experienced through the course, to ensure an effective transition into professional practice. This unit attempts to pursue this goal through further developing teachers as reflective practitioners, taking responsibility for the shaping of educational practice from their own perspective. Includes 30 days of practice teaching in a primary school.
Courses: ED51, ED56, IF82, IF84
Prerequisites: EDB432
Credit points: 12 **Contact hours:** 1 per week

► EDB440 INDEPENDENT STUDY
Self-initiated and self-directed academic study in an area of educational management interest, which allows study either to a depth not possible in electives, or in an area, not covered by the course; for requirements see the Independent Study Guide.
Courses: ED23, ED26, ED43, ED50, ED51, ED52, ED54, ED55, ED61, IF70-79
Credit points: 12

► EDB442 INTEGRATED PROFESSIONAL SEMINARS
Designed to operate in conjunction with the training provided to educational advisors by the Queensland Department of Education. Students compile a portfolio based on a survey of professional development literature and an inservice activity which they design and implement with classroom teachers. A report is compiled in which students describe their work and reflect on its effectiveness.
Courses: ED26, ED61 **Credit points:** 12

► EDB443 PROFESSIONAL INTERNSHIP OF ASSOCIATE TEACHING
The Professional Internship is a period of associate teaching in schools under the guidance of a teacher mentor. Authorisation to teach is provided by the Queensland Board of Teacher Registration provided that all academic studies and professional practice units have been completed. Student Interns are prepared for the experience in weekly one-hour seminars. Includes 30 days of Associate Teaching in a school.
Courses: ED50-52, ED55, IF70-79
Prerequisites: Successful completion of all professional practice units and coursework; Grade point average: 5.0 or above
Credit points: 12 **Contact hours:** 1 per week

► EDB450 SECONDARY PROFESSIONAL PRACTICE 1: CLASSROOM MANAGEMENT
Examines the role of the teacher with reference to the concepts of the teacher as communicator, planner, manager and facilitator of learning. It provides an opportunity for associated approaches, strategies and skills to be introduced and applied within the ambit of classroom management in practical settings. Includes 10 single days in a school.
Courses: ED50, ED55, IF70-79
Credit points: 12 **Contact hours:** 3 per week

► EDB451 SECONDARY PROFESSIONAL PRACTICE 2: CURRICULUM DECISION MAKING
State and federal initiatives in curriculum are examined to interpret curricula for the needs and capabilities of learners. The practice component provides opportunities to design, test and refine personal decision-making models, approaches, strategies and programs. Includes 20 days practice teaching in a secondary school.
Courses: ED50, ED55, IF70-79
Prerequisites: EDB450
Credit points: 12 **Contact hours:** 2 per week

► EDB452 SECONDARY PROFESSIONAL PRACTICE 3: THE INCLUSIVE CURRICULUM
Addresses the social, political and material relations in differing classroom curriculum practices, with a view to examining both the constraining and enabling factors that impact on and generate possibilities within the conceptualising and operationalising of the inclusive curriculum. Critical analysis of classroom practices and possibilities is effected in the professional practice component. Includes 20 days of practice teaching in a secondary school.
Courses: ED50, ED55, IF70-79
Prerequisites: EDB451
Credit points: 12 **Contact hours:** 2 per week

► EDB453 SECONDARY PROFESSIONAL PRACTICE 4: THE BEGINNING TEACHER
Students synthesise the range of skills, attitudes and knowledge sources that they have experienced to ensure an effective transition into professional practice as beginning teachers, taking responsibility for the shaping of educational practice from their own perspective and those of the learners. Emphasis will be on planning and implementation of the total program. Includes 30 days of practice teaching in a secondary school.
Courses: ED50, ED55, IF70-79
Prerequisites: EDB452 **Credit points:** 12

► EDN602 ADVANCED SEMINARS
Provides for the special needs and interests of students. Small groups of students interact at an advanced level with specialists or visiting scholars in seminars, conferences and research projects.
Courses: ED13, ED11, ED61 **Credit points:** 12

► EDN603 INDEPENDENT STUDY
Allows individual students to follow their own particular needs/interests and/or to take advantage of specialised lecturer expertise through working autonomously on relevant topics of interest under the supervision of individual lecturers.
Courses: ED13, ED14, ED11, ED61, ED77
Credit points: 12

► EDN608 PROJECT
A minor research project that provides students with an opportunity to extend, synthesise and analyse knowledge from core and elective units through, for example, a critical literature review, the development of appropriate educational resources, or a project of change in their workplace.
Courses: ED13, ED14, ED61, ED77
Prerequisites: EDN611 **Credit points:** 24

► EDN611 UNDERSTANDING EDUCATIONAL RESEARCH
The foundation unit for studying research methods in education. It focuses on reading, understanding and evaluating educational research both within and across different paradigms used in educational research.
Courses: ED13, ED11, ED61 **Credit points:** 12

► EDN612 CONDUCTING EDUCATIONAL RESEARCH
Building on the understandings developed in EDN611 , this unit focuses on developing the skills and knowledge necessary to design and conduct educational research. Structured to enable students to pursue in-depth studies in se-

lected designs and methods with a view to producing an initial research proposal.
Courses: ED13, ED11, ED12
Prerequisites: EDN611 OR equivalent OR permission of Coordinator
Credit points: 12

► EDN620 DISSERTATION
Designed to enable students to develop their research potential through following up a research design developed in the unit Advanced Research, to produce a significant piece of written research in the form of a dissertation.
Courses: ED13
Prerequisites: EDN612 **Credit points:** 36

► EDN621 PROFESSIONAL PRACTICE 1: LEARNERS AND TEACHERS IN CONTEXT
Integration of knowledge of learning, development and contexts, with knowledge of the curriculum, in order to plan and implement learning episodes that are responsive to the needs of individual learners. The central role of communication in successful implementation of planned learning activities will be explored. A practicum (5 single days and 10 days block) in the Area of Specialisation (Early Childhood, Primary, Secondary) will provide first hand experience of the curriculum and of specific teaching and learning contexts.
Courses: ED17, ED18, ED19
Credit points: 12 **Contact hours:** 3 per week

► EDN622 PROFESSIONAL PRACTICE 2: CLASSROOM MANAGEMENT AND INTRODUCTION TO PROFESSIONAL PRACTICE
This unit builds on the first Professional Practice unit. It affords an opportunity for approaches, strategies and skills associated with the practising teacher's role to be introduced and applied within the ambit of classroom management with reference to the concepts of the teacher as communicator, planner, manager and facilitator of learning. In both campus-based and field-based components, the principle of reflective action is paramount in the unit. Includes 25 days of practice teaching.
Courses: ED17, ED18, ED19
Prerequisites: EDN621
Credit points: 12 **Contact hours:** 3 per week

► EDN623 PROFESSIONAL PRACTICE 3: CHANGE, DIFFERENCE AND INCLUSIVITY
This unit will critically consider both the constraining and enabling factors impacting on the conceptualisation and implementation of change processes with respect to inclusive curriculum and practices. This will be done through a practicum using a number of learning modes including literature reviews, presentation of current research in the field and critical analysis of research findings in order to enhance existing practices, case studies and, with the support of practising teachers, critical reflections upon classroom practices and possibilities. Includes 20 days of practice teaching.
Courses: ED17, ED18, ED19
Prerequisites: EDN622
Credit points: 12 **Contact hours:** 3 per week

► EDN624 PROFESSIONAL PRACTICE 4: CURRICULUM DECISION MAKING AND 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 positioned in learning that requires a responsivity to difference. Responsive and inclusive curriculum decision-making and curriculum leadership must integrate current policy initiatives, curriculum theorising of one's emerging curriculum practices and a sound understanding of the changing nature of teacher's work. This unit will emphasise the complexities of planning, implementing and monitoring of integrated programs of learning generated by cooperative decision making specific to local sites and the needs of learners within particular educational contexts. Includes 20 days of practice teaching.
Courses: ED17, ED18, ED19
Credit points: 12 **Contact hours:** 3 per week

► EDN625 PROFESSIONAL INTERNSHIP AND MINI CONFERENCE
This unit is a six week school-based professional development program designed to prepare students about to graduate for the exigencies of beginning teaching by offering them opportunities to practise over an extended period of time as if they were beginning teachers; support and guidance are provided by experienced mentor teachers in collaboration with university advisers. The unit will conclude with an intensive mini-conference.
Courses: ED17, ED18, ED19
Prerequisites: EDN624
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 encourages a critical approach to pedagogical/andragogical theories.
Courses: ED13, ED61 **Credit points:** 12

► EDN627 CONTEXTS AND ISSUES IN HIGHER EDUCATION
Explores the context that affords and constrains teaching and learning in higher education. It is important for graduates of a course in higher education that they understand the dynamics of the sector in which they work and can analyse their own practice as teachers in the broader context of the political, social, cultural, organisational and economic issues which have affected post-compulsory education at international, national and institutional levels.
Courses: ED13, ED61 **Credit points:** 12

► EDN628 POSTGRADUATE RESEARCH SUPERVISION
This unit is designed to enhance new and experienced supervisors' knowledge of different approaches to supervision, the teaching and learning processes involved in effective supervision, the generic skills research graduates need to develop during their candidature, and the policy context within which supervisors operate in your universities and within the global higher education sector.
Courses: ED13, ED61 **Credit points:** 12

► EDN629 PRESENTATION AND DELIVERY MODES IN HIGHER EDUCATION
Teachers in higher education need a range of presentation approaches appropriate to the needs of their various student groups, and the learning styles of individual students. This unit aims to hone your skills in presentation and delivery, and allow you to critically appraise the values and theoretical frameworks that underpin each mode of delivery, and the effectiveness of various modes as revealed through research and practice.
Courses: ED13, ED61 **Credit points:** 12

► EDN630 HIGHER EDUCATION: CURRICULUM DESIGN, ASSESSMENT AND EVALUATION
This unit will introduce participants to key concepts underpinning contemporary curriculum design, development, assessment and evaluation in rapidly changing higher education contexts. Students will be required to critique, reconstruct and theorise curriculum thinking and practices in specific contexts at the levels of design, development, assessment and evaluation.
Courses: ED13, ED61 **Credit points:** 12

► EDP508 PRACTICUM IN EARLY CHILDHOOD 1
Observation; planning, implementation and evaluation of curriculum for children in early childhood; communication with children, parents and colleagues; the demonstration of organisational and administrative skills in an early childhood setting. Includes ten continuous days of practicum.
Courses: ED20 **Prerequisites:** EAP533
Corequisites: EAP534, EAP535
Credit points: 6

► EDP509 PRACTICUM IN EARLY CHILDHOOD 2
Observation; design, implementation and evaluation of programs for children in the early childhood age range; communication with children, parents and colleagues; increased responsibility for control and management in the early childhood setting; catering for children in the early childhood age range. Includes 10 days of practicum.
Courses: ED20
Prerequisites: EDP508 **Credit points:** 6

► EDP514 FIELD PROJECT
An applied action research project focusing on the development of a management-oriented program; the delivery and evaluation of the program within an existing educational service.
Courses: ED23
Credit points: 12 **Incompatible with:** EDP516

► EDP516 EXTENDED FIELD PROJECT
An applied action research project focusing on the development of a management-oriented program. The delivery and then evaluation of the program within an existing educational service occurs. The Extended Field Project includes 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 to be applied as it may be used in future work situations; provides a means of extending the skills and understandings gained from formal units to investigate in-depth some aspects of the student's professional practice. Focuses on the extension of acquired knowledge to increase the understanding and competence of skilled professional educators; facilitates the application of innovative research but grows out of the professional coursework. All candidates will proceed through the three required thesis steps. Namely, Step A Thesis Preparation; Step B Thesis Confirmation of Candidature; and Step C Thesis Implementation.
Courses: ED11 **Prerequisites:** EDR703
Credit points: 216 (24 each)

► EDR703 INTERDISCIPLINARY EDUCATION STUDIES (ADVANCED SEMINARS)
A reading and seminar program that aims to broaden and deepen the student's initial perspective to include elements derived from theoretical perspectives drawn from a number of disciplines; seeks to provide a context of learning for educators who seek the personal and professional benefits that the broadening and deepening of their professional knowledge affords.
Courses: ED11 **Credit points:** 24

► EDR704 THESIS (1-9)
Provides students with an opportunity to extend and synthesise knowledge from the coursework section; allows the coursework to be applied as it may be used in future work situations; provides a means of extending the skills and understandings gained from formal units to investigate in depth some aspects of the student's professional practice. Focuses on the extension of acquired knowledge to increase the understanding and competence of skilled professional educators; facilitates the application of innovative research but grows out of the professional coursework. All candidates will proceed through the three required thesis steps. Namely, Step A Thesis Preparation; Step B Thesis Confirmation of Candidature; and Step C Thesis Implementation.
Courses: ED11 **Credit points:** 108 (12 each)

► EEB112 ELECTRICAL & COMPUTER ENGINEERING 1
The unit comprises two modules: Electric Circuits and Introductory Computing. The first module covers fundamental quantities in circuits and network laws, response to sinusoidal sources, and circuit measurements. The second module covers fundamentals of problem solving using computers and programming, techniques for writing correct and efficient programs.

Courses: EE41, EE42, 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 non-technical way. It focuses primarily on aviation navigation and provides a basic understanding of avionics. A complete flight system is studied at an introductory level. It also gives an overview on the electronics inside an aircraft, the aircraft environment, and flight simulation.
Courses: EE48
Prerequisites: Nil **Corequisites:** Nil
Credit points: 12 **Contact hours:** 4 per week

► EEB212 ELECTRICAL & COMPUTER ENGINEERING 2
The unit comprises three modules: Network Theory, Engineering Computing, and the Laplace Transform. The first module covers network laws, ac power calculations, three-phase systems, series and parallel resonance, magnetic coupling and linear transformer, and using PSPICE to solve and analyse complex circuits. The second module covers an introduction to Software Engineering and Design. The basics of Laplace transforms are taught in the third module.
Courses: EE41, EE42, EE48, IF21, IF28, IF59
Prerequisites: EEB112
Credit points: 12 **Contact hours:** 5 per week

► EEB213 ELECTRICAL CIRCUITS & MEASUREMENTS
The unit covers fundamental electrical quantities, Kirchoff's laws, direct current and alternating current, response of RLC circuits to dc and sinusoidal sources, Thevenin and Norton equivalents, power transfer, three-phase systems, series and parallel resonance, mutual inductance and transformers, computer-aided analysis of circuits using PSPICE, electrical measurement and analysis in practical laboratory experiments.
Courses: IF59, EE46, EE47 **Prerequisites:** Nil
Credit points: 12 **Contact hours:** 4 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, PLC and operational amplifier circuits and applications.
Courses: ME36, ME41, ME42, ME48, IF57
Prerequisites: EEB112
Credit points: 12 **Contact hours:** 4 per week

► EEB311 ELECTRICAL MEASUREMENT & MACHINES
The modules Electrical Measurements and Instrumentation and Introduction to Magnetic Circuits and Electrical Machines introduce the principles of electrical measurements and instrumentation and magnetic circuits, development of theory of single phase and three phase transformers, sensors, PLC's, DSC, and industrial networks. Single phase and three phase transformers, electric machines (motors) including electromechanical energy conversion, reluctance motors, induction motors, D.C. machines, stepper motors, P.C. motors, motor control and heating and cooling.
Courses: EE41
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 circuit design is introduced with emphasis on the small signal low and high frequency response of those circuits. Module Digital Electronics gives students a good 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: EE41, EE46, EE47
Prerequisites: EEB212 or EEB213
Corequisites: Nil
Credit points: 12 **Contact hours:** 5 per week

► EEB340 INTRODUCTION TO TELECOMMUNICATIONS
Telecommunications systems and the principles underlying their operations are introduced starting from mathematical preliminaries such as the Fourier series and the Fourier transform. Analog modulation techniques (AM and FM), systems and circuits for generation and demodulation, analog to digital conversion, pulse modulation and baseband digital data communication techniques are studied using time and frequency domain analyses.
Courses: EE41, EE46, EE47
Prerequisites: MAB132 **Corequisites:** nil
Credit points: 12 **Contact hours:** 4 per week

► EEB411 CLASSICAL CONTROL & POWER GENERATION
The unit is a core unit with the modules Control Systems and Power Systems. It instils the foundation of feedback control theory for engineers and introduces the student to basic classical feedback control theory, analysis and synthesis. The second module covers power generation, and energy sources, electricity market operation, fault calculations, basic protection, and power system operation, in particular real and reactive power control.
Courses: EE41, EE42
Prerequisites: EEB311 and MAB132
Corequisites: EEB440
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 amplifiers are presented as well as integrated circuits as building blocks for system design. Students are given a good grounding in the basic principles and practical use of embedded microprocessor/microcontroller systems.
Courses: EE41, EE46, EE47
Prerequisites: EEB312 **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 Introduction to Space Technology. It instils the foundation of feedback control theory for engineers and introduces the student to basic classical feedback control theory, analysis and synthesis. The second module covers the synthesis and analysis of launch trajectories and simple planetary and satellite orbits.
Courses: EE48
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 for which a detailed 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 and Chebyshev type. Sampling and discrete-time signal processing will be briefly introduced at the end of the unit.
Courses: EE41, EE46, EE47
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 supplies, power switching components.
Courses: EE41, EE42
Prerequisites: EEB411 **Corequisites:** Nil
Credit points: 12 **Contact hours:** 4 per week

► EEB512 INDUSTRIAL ELECTRONICS & DIGITAL DESIGN
Modules Electronics C and Digital Systems Design provide a basic understanding of linear and switch applications in industrial electronics. Practical knowledge associated with interfacing and design is developed. Students will also study the theory and design of advanced embedded digital systems and practical implementation. The practical application of these circuits including interfacing and environment factors will be considered.
Courses: EE41, EE46
Prerequisites: EEB412 **Corequisites:** Nil
Credit points: 12 **Contact hours:** 4 per week

► EEB521 DIGITIAL SYSTEMS AND CONTROL
The unit comprises the modules Control Systems B and Digital Systems Design. Control Systems B introduces to discrete-time control by extending the conventional control into the discrete-time domain. As a second part of Control Systems B, the state model oriented approach for designing control systems is introduced. As second module, it provides the theory and design of advanced digital systems and practical implementation.
Courses: ME40
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 control system design and analysis for discrete time control systems as well as using the state space approach. Furthermore, it introduces students to different aspects of flight control including factors affecting the performance and simulation. Specific topics such as artificial stability and MILSTDs are also covered.
Courses: EE48
Prerequisites: EEB412, EEB435
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: EE41, EE46, EE47
Prerequisites: EEB440
Credit points: 12 **Contact hours:** 4 per week
Semester offered: 1

► 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 prediction, characteristics of real-time operating systems and real-time languages, real-time system design.
Courses: EE46
Prerequisites: EEB412, ITB421
Corequisites: Nil
Credit points: 12 **Contact hours:** 4 per week

► EEB584 INTRODUCTION TO DESIGN
Introduction to general principles of electronic circuit and electrical equipment design and realisation; design and implementation of basic electronic circuits; experience in undertaking engineering projects, in report writing, and working in teams. The unit gives students the opportunity to apply their theoretical knowledge to real-life engineering problems.
Courses: EE41, EE42, EE48, EE46, EE47
Prerequisites: EEB412 **Corequisites:** Nil
Credit points: 12 **Contact hours:** 1 per week

► EEB585 AEROSPACE SYSTEMS DESIGN
This 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

► EEB612 SOFTWARE SYSTEMS DESIGN
The unit introduces students to Software Engineering by considering a whole Software Lifecycle. Each step of the lifecycle is treated in detail, 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 are considered.
Courses: EE41, EE46
Prerequisites: Nil **Corequisites:** Nil
Credit points: 12 **Contact hours:** 4 per week

► EEB640 DIGITAL SIGNAL PROCESSING
The unit comprises the area of Digital Signal Processing and provides students with the fundamentals of discrete-time signal processing; discrete Fourier transform; discrete convolution; digital filters and spectral estimation, with examples and applications arising from various disciplines, so as to prepare the student to solve practical problems.
Courses: EE41, EE46, EE47
Prerequisites: EEB440, MAB135
Corequisites: Nil **Credit points:** 1
Contact hours: 4 per week **Semester offered:** 2

► EEB641 FIELDS TRANSMISSION & PROPAGATION
Fundamental concepts of static and time varying electromagnetic fields; Maxwell's equations and the characteristics of their solution, such as wave equations, losses in various media and energy flow; numerical methods; transmission line theory, terminated line, Smith Circle Chart usage and lattice diagram; propagation modes in waveguides and optical fibre; free-space propagation, reflection, refraction, diffraction; basic antenna theories and antenna parameters, Frii's transmission equation, half-wave dipole, two-element array.
Courses: EE41, EE47 **Prerequisites:** MAB135
Credit points: 12 **Contact hours:** 4 per week
Campus offered: GP **Semester offered:** 1, 2

► EEB650 POWER SYSTEMS ANALYSIS
Power system economics: costs of losses, tariffs, plant selection, and the National Electricity Market. Power flow calculation algorithms. Protection systems: transformer protection motor protection, feeder protection. Setting of IDMT relays. Quality of electricity supply. Surge phenomena in lines and machines. Switching and lightning surges solution by EMTP. Harmonic analysis of interconnected networks. Electrical safety: earth electrodes, evaluation of step and touch potentials.
Courses: EE41, EE42
Prerequisites: EEB511 **Corequisites:** Nil
Credit points: 12 **Contact hours:** 4 per week

► EEB666 COMMUNICATION ENVIRONMENTS FOR EMBEDDED SYSTEMS
Computer networks, network programming, open network foundations, embedded systems, client/server, bus architectures, network controllers, distributed systems in automation and process control, embedded Java, distributed objects, distributed databases, distributed operating systems.
Courses: EE46
Prerequisites: EEB412, ITB421, EEB566
Corequisites: Nil
Credit points: 12 **Contact hours:** 4 per week

► EEB684 ADVANCED DESIGN
Detailed design and realisation of typical electronic subsystems used in all areas of electrical and electronic systems engineering. The unit enhances the student's ability in solving complex engineering problems. The design builds on the theoretical knowledge gained in other units. The student is required to write a detailed technical report and also give an oral presentation on her/his design.
Courses: EE41, EE42, IF21, IF28, IF59, EE46, EE47
Prerequisites: EEB584
Credit points: 12 **Contact hours:** 1 per week

► EEB685 ADVANCED AEROSPACE DESIGN
Detailed design and realisation of typical electronic subsystems used in all areas of electrical and electronic systems engineering. The unit enhances the student's ability in solving complex engineering problems. The design builds on the theoretical knowledge gained in other units. The student is required to write a detailed technical report and also give an oral presentation on her/his design.
Courses: EE48 **Prerequisites:** EEB585
Credit points: 12 **Contact hours:** 1 per week
Semester offered: 2

► EEB686 INDUSTRY PRACTICE
Industry Practice provides high achieving students the opportunity to participate in a co-operative education environment created by a partnership between the student, industry and the University. The unit aims at developing knowledge of, and experience in, the practices and procedures in the workplace environment. Students will apply for paid employment with an industry partner registered for this program. The process will be open and competitive, and an interview will be conducted as for a typical job application process. The duration of the employment is expected to be from 4 to 6 months, with 24 to 40 hours per week, and must overlap the teaching period of semester 2. Students will participate in a number of professional development workshops delivered on campus. These workshops are designed to present professional topics that students then contextualise in terms of their workplace experience, reflect upon and then communicate to the group. Each student will keep a personal portfolio containing documented job objectives, experiences, critical reflection, and personal and professional development activities. The portfolio is to be maintained in keeping with IEAust competency assessment guidelines.
Courses: EE41, EE42
Prerequisites: Completion of the first two years of the full-time course
Corequisites: Nil
Credit points: 24 **Contact hours:** 1 per week

► EEB760 AEROSPACE RADIO & RADAR SYSTEMS
Radio and radar systems provide the backbone and arteries of all aerospace and avionics systems. A knowledge of the effects of electromagnetic compatibility and interference and the standards which apply as well as a detailed knowledge of the theory and techniques of ground, air and space based radio and radar systems is essential for all avionics engineers. Radio and radar systems are an integral part of the safe and efficient operation of aircraft movements and must be considered as part of the system as a whole.
Courses: EE48**Prerequisites:** EEB560, EEB641
Credit points: 12 **Contact hours:** 4 per week
Semester offered: 1

► EEB766 COMMUNICATION TECHNOLOGIES
The unit provides an overview of various communication technologies that are used in point to point and point to multi-point wired and wireless communications. The content includes Telephony and Telecommunication switching system, Fibre Optic Transmission system including Wavelength Division Multiple Access and Synchronous Optical Network (SONET), Satellite communication, Microwave Terrestrial communication, Integrated Services Digital Network (ISDN), Broadband ISDN and ATM, High speed modems, Last miles solutions including ADSL, VDSL and wireless local loops, Cable technologies, Digital Audio and Video broadcasting, Ad hoc radio transmission such as the Bluetooth and Home RF, Wireless LANs including wireless infrared transmission and IEEE8012.11 standard, Speech, image, audio and video coding standards.
Courses: EE47
Prerequisites: EEB560 **Corequisites:** Nil
Credit points: 12 **Contact hours:** 4 per week

► EEB781 PROFESSIONAL STUDIES 2
The unit covers the basics of accounting practice, types of companies, marketing principles, business plans, intellectual property and statutory obligations on company managers. There should be adequate skills for young professional engineers to start or be an active partner in a small business. Personnel management skills are developed including assertion training, interpersonal relationships, organisational change, professional ethics and negotiation.
Courses: EE41, EE42, EE48, IF59, EE46, EE47
Prerequisites: BNB007 **Corequisites:** Nil
Credit points: 12 **Contact hours:** 4 per week

► EEB782 AEROSPACE PROJECT
An engineering project on a specified topic is completed; the work will require design, computing, construction, experimental work and practical testing with the submission of appropriate reports; the topic is selected from any area which involves electronics, computing, control, communication, signal processing, and power and may include programming, circuit and system design.
Courses: EE48
Prerequisites: Student must have completed the first three years of the course.
Corequisites: The unit must be done in the final year of the course.
Credit points: 24 **Contact hours:** 1 per week
Semester offered: 1, 2

► EEB831 MILITARY COMBAT ELECTRONICS
Sound generation propagation and analysis in the military environment; principles and application of lasers to sighting and guidance systems; principles of detection of submarines using magnetometers; infrared propagation and its use in detection and weapons guidance. ECM/ECCM, Sonar Processing, Laser Processing and Guidance, Radar Guidance/Sighting, Gun Sights, Weapons Control Systems, IFF/Transponders, Command and Control, Magnetic Anomaly Detection, Tactical Navigation Systems, Infra Red. Some ethical, social and moral aspects concerning military systems will be discussed.
Courses: EE48
Prerequisites: EEB435, EEB560, EEB640, EEB641
Credit points: 12 **Contact hours:** 4 per week

► EEB834 SATELLITE APPLICATIONS
Design of Communication systems for spacecraft applications. Detailed description, evaluation and analysis of spacecraft and ground stations and overall system performance. Modulation methods, wide-band multiple access, synchronisation, noise effects, Orbit determination and ranging, Telemetry and command, antennas and TV satellite broadcasting.
Courses: EE48

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 paramount in the development of safe and efficient aircraft operations. The unit covers the various categories of navigation in use in aviation and satellite environments, including navigation equations, multisensor navigation, radio and satellite based navigation systems, inertial navigation, Doppler and altimeter radars, celestial navigation systems, landing systems, air traffic management and avionics interfaces and navigation displays.
Courses: EE48**Prerequisites:** 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, computing, construction, experimental work and practical testing with the submission of appropriate reports; the topic is selected from any area which involves electronics, computing, control, communication, signal processing, electrical power, or aerospace/avionics. The project may include programming, circuit and system design.
Courses: EE41, EE42, IF21, IF28, IF59, EE46, EE47
Prerequisites: The student 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 technology based on research that is the expertise of visiting specialists or staff within the School. It runs as an elective in the final year of the course subject to availability of staff and relevance of the topic.
Courses: EE41, EE42, EE48, IF21, IF28, IF59
Corequisites: As required **Credit points:** 12

► EEB905 ADVANCED TOPICS IN ELECTRICAL ENGINEERING B
This unit introduces students to the current technology based on research that is the expertise of visiting specialists or staff within the School. It runs as an elective in the final year of the course subject to availability of staff and relevance of the topic
Courses: EE41, EE42, EE48, IF21, IF28, IF59
Prerequisites: As required
Credit points: 12 **Campus offered:** GP

► EEB911 ELECTRICAL ENERGY SYSTEMS
This subject consists of three modules drawn from six covering Transmission and Distribution Compensators structure and controls, Quality and reliability of electricity supply, energy utilisation in buildings, lifts fire systems standby generation, lighting, communication, air conditioning, Renewable energy options, characteristics and utilisation of alternate sources. The electricity market, distribution automation, data communications for distribution networks. Earthing and soil resistivity, switchgear and protection, insulation coordination.
Courses: EE41, EE42, EE48, IF21, IF28, IF59
Prerequisites: EEB511, EEB584
Credit points: 12 **Contact hours:** 4 per week
Campus offered: GP

► EEB941 MODERN SIGNAL PROCESSING
This unit gives a comprehensive introduction to the representation and processing of signals distorted or corrupted by noise, and the systems needed to process them. Techniques for estimating signal parameters for the detection of signals in the presence of noise will be discussed. The methods presented will be tested on real data drawn from different engineering applications, such as: wireless communications; biomedical EEG signals and brain models; speech and music synthesis, and radars.
Courses: EE41, EE42, EE48. IF21, IF28, IF59
Prerequisites: EEB640
Credit points: 12 **Contact hours:** 4 per week
Campus offered: GP

► EEB960 WIRELESS COMMUNICATIONS
Cellular Mobile Radio System Concepts, Mobile Radio Propagation, Spread spectrum techniques and CDMA, Speech coding modulation and channel coding techniques for GSM and CDMA, Fading mitigation through diversity, Intersymbol interference mitigation, the GSM and CDMA standards. The WAP and the GPRS, Introductions to UMTS/IMT2000, Introduction to personal communications, Introduction to blue tooth technology, Other wireless systems including Wireless LAN, Wireless Local loop, Microwave local multipoint distribution systems (LMDS) and LEO satellite communication.
Courses: EEB41, EEB42, EEB48, IF21, IF28, IF59, EE47
Prerequisites: EEB560
Credit points: 12 **Contact hours:** 4 per week
Campus offered: GP

► EEB961 RF & APPLIED ELECTROMAGNETICS
Lumped and distributed microwave and RF circuits, including [y], [t] and [s] parameters. Impedance matching techniques. Passive and active microwave devices. RF circuit design techniques. Microwave and RF measurement techniques. Linear antennas and microwave antennas. Analysis and synthesis of antenna arrays. Specialised antennas and antenna measurements. EMC definition, standards and regulations; test plan; measurements; interference coupling; susceptibility; EMC design techniques, component selection, circuit layouts, grounding, shielding, filters, suppressors, isolation and safety; EMC management; propagation of electromagnetic fields in electrical materials; application of numerical methods.
Courses: EE41, EE42, EE48, IF21, IF28, IF59
Prerequisites: EE641
Credit points: 12 **Contact hours:** 4 per week
Campus offered: GP

► EEB976 ADVANCED INDUSTRIAL ELECTRONICS
Two of the following modules will be offered each year: 1. Switching converters, variable speed drive control, power system compensation converters, uninterruptible power supplies, transformer switched mode power supplies, and resonant power supplies. 2. Basic microprocessor systems, M68332 CPU, architecture, assembly language, MC6832 modules, system integration, queued serial communications, time processor unit, peripheral devices and interfacing, parallel/serial communications, ADC's, DAC's, waveform synthesisers. 3. RF systems, transmitters and receivers, superheterodyne, antenna, filters, LNA, mixer, LO, IF amplifier, demodulator, duplexer, RF switches, impedance matching, high frequency effect on components, microstrip techniques, CAD RF design, interference control.
Courses: EE41, EE42, EE48, IF21, IF28, IF50
Prerequisites: EE412
Credit points: 12 **Contact hours:** 4 per week
Campus offered: GP

► EEB992 VLSI CIRCUITS & SYSTEMS
Introduction to microelectronic circuits and systems, MOS transistor fundamentals, fabrication processes, mask layout rules, VLSI logic gates, combinational logic circuits, sequential logic circuits, memory structures. System and subsystem design, semi-custom design, circuit modelling and performance, circuit verification, testability, case studies. CAD Tools for VLSI, VHDL system specification, modelling and verification. Major design project.
Courses: EE41, EE45, EE48, IF21, IF28, IF59
Prerequisites: EEB412
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP

► EEP101 ALGORITHMS FOR CONTROL & ENGINEERING
Solution of equations using numerical analysis methods and computer algorithms; differential and difference equations, numerical approximations and computational flow diagrams. Computer control of closed-loop systems, continuous and discrete systems, system hardware, sampled data systems design techniques, system simulation; state-space theory, and system performance optimisation; state equation, transformations, state equation solution, closed-loop system pole-placement design, performance criteria, dynamic optimisation methods; spectral analysis and digital filtering; discrete time adaptive filters; an introduction to neural networks and to fuzzy logic.
Courses: EE65, EE66, EE76
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 expressions, control flow, functions, pointers and arrays, structures, input and output. Applications of C and Unix in real time signal processing and control.
Courses: EE65, EE66, EE76
Credit points: 12 **Contact hours:** 3 per week

► EEP103 COMPUTER HARDWARE & INTERFACING
State-of-the-art digital devices; design and implementation of digital systems; microprocessors and microcontroller systems and interfacing; computer architectures, subsystems and peripherals.
Courses: EE65, EE66
Credit points: 12 **Contact hours:** 3 per week
Semester offered: 1

► EEP104 REAL-TIME OPERATING SYSTEMS
Definition and introduction: review of current commercial real time operating systems, including QNX and UNIX-like operating systems. Structure: management; input/output management; file management; resource allocation and scheduling; protection; job control and multitasking. Development of programming skills: structured programming techniques, modular programming techniques; documentation of programs; interrupt handling techniques.
Courses: EE65, EE66, EE76
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 in depth, layers one and two covered by reference; computers, software packages; network topologies, software techniques, data transfer protocols; examples of local and wide area networks; hardware implementation of OSI layers and protocols; Modern High Performance Networking protocols such as FDDI and ATM, treated as extensions of the OSI model.
Courses: EE65, EE66, EE76
Credit points: 12
Contact hours: 3 per week

► EEP123 PROCESS CONTROL & ROBOTICS
Introduction to robotics; introduction to CNC machine tools; process control; controller tuning, plant characterisation and process optimisation; computer simulation and algorithms.
Courses: EE65, EE55
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 modems, their use and specifications; the different aspects of interfacing for data communications; coding; compression and encryption of data; network models and other specialised topics.
Courses: EE65, EE66, EE76
Credit points: 12 **Contact hours:** 3 per week

► EEP126 COMMUNICATIONS DIGITAL SIGNAL PROCESSING
Source and channel coding; waveform coding; adaptive filtering in communication; applications of speech technology in communication; applications of DSP technology; real time DSP

cations of DSP technology; real time DSP devices and their applications in communications.
Courses: EE76
Credit points: 12 **Contact hours:** 3 per week
Semester offered: 1

► 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.
Courses: 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 exposure 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.
Courses: 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 earth wires, division of earth currents at substations; earth current distribution on faulted lines; distribution systems: MEN, SWER, safety during faults; flow of lightning currents to ground.
Courses: EE60, EE78, EE82
Credit points: 4 **Contact hours:** 3 per week
Semester offered: 1, 2, 3

► EEP202 THERMAL RATINGS & HEAT TRANSFER
Thermal conduction in simple geometries; forced and natural convection from plates and cylinders - common heat transfer correlations; radiation from hot surfaces -view factors; calculation of steady-state and time-varying temperatures in conductors; temperature measurement methods for high voltage equipment; thermal ratings of overhead lines - steady-state, cyclic and short-time ratings; cable rating - temperature rise due to step current, cyclic and emergency loads; temperature rise of power transformers - cooling methods, emergency overloads.
Courses: EE60, EE78, EE82
Credit points: 4 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1, 2, 3

► EEP203 TESTING & CONDITION MONITORING
HV testing: DC, 50 Hz, and impulse - equipment, measurement systems, standard test methods, certification and traceability, evaluation of test reports; HV test methods for insulators, bushings, circuit breakers, isolators and surge arrestors. Temperature rise testing of electrical equipment: lines cables, and switchgear. Current withstand testing; current interruption tests for fuses and circuit breakers. Evaluation of test reports - accuracy and traceability. Insulation testing: oil testing, DLA and PD tests. Condition monitoring systems: plant temperature, circuit breaker dynamics, insulation condition; in situ methods.
Courses: EE60, EE78, EE82
Credit points: 4 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1, 2, 3

► EEP204 POWER SYSTEM LOAD FLOW ANALYSIS
Data collection methods; p.u. revision; load flow algorithms: convergence criteria, multiple solutions, starting values, ordering and sparsity of matrices; single and three-phase models: transformers, tap changers, overhead transmission lines, underground cables, capacitors and filters, controlled reactive devices, generators and motors, load representation. Load flow applications: base case and contingency analysis in planning augmentation options, system operations contingency analysis; Load flow analysis methodology - use of load forecasts, establishment of 'base case'; Practice in analysis of transmission and distribution systems using an interactive package.
Courses: EE60, EE78, EE82
Credit points: 4 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1, 2, 3

► EEP205 POWER SYSTEM FAULT CALCULATIONS
Representation of generators, lines, transformers in positive sequence equivalent circuits; balanced fault analysis; selection of source voltages from pre-fault conditions; unbalanced fault conditions; complete sequence representation of power system equipment: transformers, cables and lines (including mutual coupling of parallel lines); per unit positive, negative and zero sequence network diagrams; calculation of generator and transformer sequence equivalent circuits from manufacturer's test data; calculation of line sequence impedances from line layout and soil resistivity - inclusion of tower foot resistances in zero sequence models; residual currents in untransposed lines; interference with telecommunications circuits; short circuit calculations to AS3581 using an interactive computer package.
Courses: EE60, EE78, EE82
Prerequisites: EEP204
Credit points: 4 **Contact hours:** 3 per week
Semester offered: 1, 2, 3

► EEP206 PROJECT MANAGEMENT
Principles of project management and the operation of project management packages. Emphasis on the practical application of PC packages based on exercises related to the electricity supply industry and aimed at promoting the increased use of such packages by engineering and technical staff in the normal course of their work. Details include activity networks, Gantt charts, time schedules, analysis of critical path, types of resources, resource profiles, resource scheduling, project monitoring, and reporting.
Courses: EE60, EE78, EE82
Credit points: 4 **Contact hours:** 3 per week
Semester offered: 1, 2, 3

► EEP207 OVERHEAD LINE ROUTE SELECTION - ENVIRONMENTAL FACTORS
Overview of legislation, standards and guides: radio interference, electromagnetic fields, low frequency induction, touch potentials, structure earthing, electrolytic corrosion, clearances, land legislation, environmental impact statements. Current safety and environmental issues. Requirements of other public utilities - telcos, railways, roadworks, marine, water, gas, oil. Cost of environmental enhancements and alternative technologies. Right of way. Route selection principles: structure types, terrain shielding, and identification of natural and man-made features.
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: econometric models for ESI, maintenance, refurbishment and replacement. Budgeting and cost control, budget preparation with spreadsheets, cash flows, monitoring expenditure and budget review, profit and loss and balance sheets. Risk analysis including WACC calculations,
Courses: EE60, EE78, EE82
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 limits; 50 Hz voltage: cause of voltage deviations, voltages during faults, motor starting; negative phase sequence voltages: AS1359 requirements, voltage unbalance studies, modelling, measurement; voltage transients and flicker: AS2279 requirements, disturbing loads, remedial measures, transient disturbances and power system plant; Power system transient analysis: ATP studies.
Courses: EE60, EE78, EE82
Prerequisites: EEP205
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 local back-up protection. Effects of substation configurations on protection system design and performance. Various types of relays - electromechanical and electronic. Current and voltage transformers - theory and specification for different applications, including interposing current transformers. Protection of high voltage buses. Transformer protection - basic overview of the

different types, including differential protectional overcurrent and earth fault protection. Inverse time relays. Setting overcurrent and earth fault relays to achieve a coordinated scheme. Instantaneous overcurrent relays. Directional overcurrent and earth fault relays. Reclosers, sectionalisers and fuses - application and coordination. Distance relays - theory and construction. Setting distance relays for simple applications. Field testing and operational analysis of protection. Commissioning and maintenance of protection systems. Performance of protection under fault conditions. Information available for the analysis of protection performance.
Courses: EE60, EE78, EE82
Prerequisites: EEP205
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 (busbars, motors, generators, reactors and capacitators) including CT requirements, the application of shunt and series resistors, non-linear resistors, check schemes, back-up schemes and CT supervision. Protection of transformers, including biased and high impedance differential schemes as well as aspects related to earthing transformers. Feeder differential protection, including pilot wire, current differential and phase comparison schemes. Protection of high voltage capacitor banks, including consideration of inrush currents, overcurrent, over voltage, balance, and differential 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 negative phase sequence currents. Protection of large generators, including stator and rotor earth fault protection, biased differential, high impedance differential, negative phase sequence, under frequency, over excitation, reverse power and out-of-step protections.
Courses: EE60, EE78, EE82
Prerequisites: EEP211
Credit points: 4 **Contact hours:** 3 per week
Semester offered: 1, 2, 3

► EEP213 STATISTICS
The role of statistics in electricity supply engineering. Strategies for collecting and recording valid data from which statistical inferences can be made; use of operational and inventory data. Graphical and numerical techniques to summarise data using statistical or spreadsheet packages. Review of probability concepts, random variables, probability distributions. Specific distributions used in system and component reliability studies.
Courses: EE60, EE78, EE82
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 effects analysis, failure modes effects and criticality analysis - outcomes from possible failure modes; hazard and operability studies; assessment of frequency - fault tree analysis, event tree analysis; assessment of consequences: consequence analysis, criticality assessment in terms of chance of failure and consequences, incident scenario, damage criteria, damage identification; legal and economic consequences; case studies including identification of hazards, assessment of risks, and consequences in ESI. Loss of load models in generation.
Courses: EE60, EE78, EE82
Prerequisites: EEP215
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 mean time failure. Reliability of series, parallel and complex systems. Discrete Markov Chains. Continuous Markov processes. Frequency and duration in reliability. Application of Markov Chain in the reliability evaluation of repairable systems. Application of reliability evaluation in power distribution systems, inclusion of cost estimation. Reliability assessment in subtransmission system planning, including non-constant transition rate considerations. Study of single and double contingencies with switching to restore supply. Inclusion of maintenance in system modelling. Probability and frequency of loss of load. Unsupplied energy and average load at risk. Maximum load at risk. Average outage duration. Hours of loss of load.
Courses: EE60, EE78, EE82
Prerequisites: EEP213
Credit points: 4 **Contact hours:** 3 per week
Semester offered: 1, 2, 3

► EEP216 OVERHEAD LINE DESIGN - ELECTRICAL
Electrical design of transmission lines with ratings of 33kV to 500kV; economic conductor size; characteristics of conductors; standard and new technology insulators: power frequency, impulse and switching flashover voltage, pollution and creepage, wet and dry flashover, mechanical characteristics; feasible structure types; tower footing resistance and counterpoise; Insulation coordination methodology: determination of overvoltage withstand, design for required outage; determination of RI using state of the art methods; design to ensure that electrostatic and electromagnetic fields do not exceed NH & MRC guidelines.
Courses: EE60, EE78, EE82
Prerequisites: EEP201, EEP203, EEP205, EEP207, EEP210
Credit points: 4 **Contact hours:** 3 per week
Semester offered: 1, 2, 3

► EEP217 OVERHEAD LINE DESIGN - MECHANICAL
Conductor selection. Catenary theory. Sag-tension-temperature calculations. Requirements for survey data. Statutory and enterprise requirements for line layout: clearances, mechanical loading, and safety criteria. Definition of loading conditions, structure capacities, layout clearances. Applied mechanics of strung conductors. Determination of everyday tensions from allowable stress or tension/mass ratio. Determination of vibration protection. Transmission line estimating techniques. Selection of structure type based on optimum capitalised costs. Line layout.
Courses: EE60, EE78, EE82
Prerequisites: EEP208, EEP216
Credit points: 4 **Contact hours:** 3 per week
Semester offered: 1, 2, 3

► EEP218 INTRODUCTION TO AUTOMATED SYSTEM CONTROL & SUPERVISORY SYSTEMS
SCADA fundamentals and protocols; SCADA equipment: master station, remote terminal units; transmission SCADA systems, distribution automation systems, distribution control systems, PC software applications; alarm philosophy and control principles: definition of system displays, data logging, database point processing and attributes, master station configuration; specification of MMI: identification of system functional requirements; computer system platforms: computer technology fundamentals, computer hardware - processors, peripherals, display, user interfaces; communication system principles, communications bearer fundamentals, data networks and protocols; data communications and I/O capacities and types, I/O processing; application of SCADA systems to transmission and distribution systems; cost/benefits of alternative schemes.
Courses: EE60, EE78, EE82
Credit points: 4 **Contact hours:** 3 per week
Semester offered: 1, 2, 3

► EEP219 HIGH VOLTAGE SUBSTATION EQUIPMENT: POWER TRANSFORMERS & REACTIVE POWER PLANT
Principles of power transformer design from distribution transformers to EHV transformers: ratings, windings, core structure and materials, insulation and cooling methods, insulation and lifetime; leakage and magnetising reactance; losses, harmonics and inrush currents; short circuit forces; tests to measure: ratio, losses, impedance, phasing, temperature rise, accuracy and traceability of tests, interpretation of test reports; surge phenomena in windings, RSG and impulse testing of power transformers, interpretation of test results; oil cooling systems; fire protection; tap changers and associated controls; analysis of transformer failure modes; In-phase and quadboost regulators; series and shunt reactors; reactors for harmonic filters; SVCs: design considerations, equipment characteristics and equipment characteristics.
Courses: EE60, EE78, EE82
Prerequisites: EEP203
Credit points: 4 **Contact hours:** 3 per week
Semester offered: 1, 2, 3

► EEP220 DISTRIBUTION PLANNING
Identify data and techniques used in load forecasting. Examine typical distribution network problems and identify performance limitations based on standards. Relate network problems to different configurations and the effects on customers. Study network reinforcement options on a simulation package. Options include regulators, series and shunt capacitors and reconductoring. Consider the above options to address a realistic network problem assessing line losses and voltage results. Analyse network reliability and assess the impact of ties, switches and various network configurations. Compare alternatives based on economic and technical considerations. Prepare a logical case that recommends one option in the form of a report.
Courses: EE60, EE78, EE82
Prerequisites: EEP208, 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 synchronous machines; induction generator models; assessment of model bandwidth for use in dynamic studies; excitation system models, turbine governor models, boiler models, hydraulic system models; characteristics of load plant; evaluation of small signal adequacy by eigenvalue analysis; determination of modes of electromechanical and control systems; identification of modes with insufficient damping, eigenvalue participating states and eigenvectors; establishment of transfer evaluation of gains/phases at identified model frequencies; time domain dynamic simulations of power system opera res, identification of maintenance liabilities, identification of critical success factors to minimise life cycle costs, approval and dissemination of policy, policy review; maintenance planning: identification of constraints, review of existing maintenance programs, establishment of plans for periodic actions, documentation of procedures, design of reporting procedures; data recording and analysis: registers of defects, design of data collection and reporting systems, preparation of control charts, computer systems, database development; maintenance operations: identification of refurbishment needs, resource evaluations, design of work procedures, impact of Acts and regulations, identification of staff training needs, supervision, auditing of work practices; maintenance program evaluation: assessment against KPI, modification of programs to account for continuing defects and failures or to reflect changing technologies.
Courses: EE60, 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 spares, identification of maintenance liabilities, identification of critical success factors to minimise life cycle costs, approval and dissemination of policy, policy review; maintenance planning: identification of constraints, review of existing maintenance programs, establishment of plans for periodic ac-

tions, documentation of procedures, design of reporting procedures; data recording and analysis: registers of defects, design of data collection and reporting systems, preparation 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 staff training needs, supervision, auditing of work practices; maintenance program evaluation: assessment against KPI, modification of programs to account for continuing defects and failures or to reflect changing technologies.
Courses: EE60, EE78, EE82
Prerequisites: EEP214, EEP215
Credit points: 4 **Contact hours:** 3 per week
Semester offered: 1, 2, 3

► EEP223 LOAD FORECASTING
Nature of load patterns: historical patterns, links between customers and loads and between energy and demand demographics. Categories of DSM, costs of DSM options, benefits, and limitations to DSM. Tariffs and their impact. Impact of economic trends on demand growth. Load manipulation. Load forecast methods: data collection and availability, weather correction, interpreting data, synthesising missing data, developing load forecast data, developing alternative scenario load forecasts. Establishment of base loads from: historical load data, customer load predictions, and other contributing factors. Prediction of growth rates. Generation of load forecasts.
Courses: EE60, EE78, EE82
Prerequisites: EEP213
Credit points: 4 **Contact hours:** 3 per week
Semester offered: 1, 2, 3

► EEP224 POWER SYSTEM OPERATION
Frequency control and AGC under normal load conditions, operation under emergency and contingency conditions, black starting, load shedding philosophy; generation operation; contract fuel prices, variations, automatic generation control systems; analysis of power station operating costs; establishment of optimum operating costs; management of forced outages: management of resources to restore system to normal in minimum time, abnormality control to prevent plant damage and maintain personnel safety, logging and reporting of forced outages; coordination of planned outages including assessment of risks and contingency planning; control of reactive power and voltage levels under normal and abnormal conditions; load reduction - instantaneous, delayed and planned; maintenance of consumer services and records.
Courses: EE60, EE78, EE82
Prerequisites: EEP202, EEP212, EEP214, EEP221, EEP223
Credit points: 4 **Contact hours:** 3 per week
Semester offered: 1, 2, 3

► EEP230 THESIS A
Students work in industry for 100 days of supervised practice. As part of this practical training, one or more linked topics are identified that are related to the work of the section in which the training is carried out. A Masters thesis is prepared describing results of studies done by the student during the practical training. It is expected that the thesis will demonstrate that students have a deep background knowledge of the topic, can apply advanced skills to formulation and solution of engineering problems, and have an understanding of the relationship of the work to the overall objectives of the workgroup. The thesis will be examined by internal and external examiners appointed by the University.
Courses: EE78
Credit points: 12 **Contact hours:** 3 per week

► EEP231 THESIS B
Work done in this unit and the related unit EEP230 is examined by submission of a single Masters thesis.
Courses: EE78
Credit points: 12 **Contact hours:** 3 per week

► 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 reports; key performance indicators, the derivation, interpretation and pitfalls; financing arrangements; taxation issues that affect the industry including income tax, repairs, tax effect of depreciation and capital gains tax; various asset management issues including inventory and fixed assets; cost volume profit analysis including breakeven, contribution margin and EBIT.
Courses: EE60, EE78, EE82
Credit points: 4 **Contact hours:** 3 per week
Semester offered: 1, 2, 3

► 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 relay comparator operation (amplitude and phase angle comparators), implement non-switched distance protection schemes, implement switched distance protection schemes (including allowance for various starter characteristics), allow for the effects of mutual coupling with other feeders, design protection schemes and set relays for teed feeder systems and also for bridges or paralleled feeder configurations, allow for the effects of arc and/or 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-onto-fault logic, VT supervision, memory, power swing blocking and healthy phase polarising. Protection signalling: direct, series, permissive (overreaching and underreaching), distance acceleration and blocking intertripping.
Courses: EE60, EE78, EE82
Prerequisites: EEP211
Contact hours: 3 per week
Semester offered: 1, 2, 3

► EEP242 EFFICIENT MARKETING & UTILISATION OF ELECTRICITY: DEMAND & SUPPLY SIDE SOLUTIONS
Assessment of future DSM options: state, national and international DSM programs assessed; local opportunities examined; impact of new and evolving technology; compare options and select for cost effectiveness, load impact 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 SSM 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: EE60, EE78, EE82
Prerequisites: EEP208, EEP223
Credit points: 4 **Contact hours:** 3 per week
Semester offered: 1, 2, 3

► EEP243 CONTRACT ADMINISTRATION
Categories of contracts: supply; supply, deliver and erect; performance guaranteed; services, for example. maintenance; period for supply of stock items or services; general conditions of 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; pretender acceptance negotiation practice; evaluation of tenders: tender adjustments; determination of the lowest comparatively priced offer on a total capitalised cost basis which conforms with the specified technical and commercial requirements; tender acceptance; contract correspondence; drawings - standards, amendment; contract law, dispute resolving procedures; contract progress monitoring: approval of drawings and documents; approval of delivery, erection, site testing. Acceptance, takeover, maintenance period, retention provisions.
Courses: EE60, EE78, EE82
Prerequisites: EEP208
Credit points: 4 **Contact hours:** 3 per week
Semester offered: 1, 2, 3

► EEP244 CIRCUIT BREAKERS - SWITCHGEAR
Basic switching theory for the main circuit breaker types: SF6, Vacuum, GIS, minimum oil, airbreak (11kV), bulk oil; characteristics and applications for these types at various voltage levels; circuit-breaking principles: interruption of load current, small inductive current, short-line faults and out-of-phase switching; TRV and ITRV concepts; direct and synthetic testing; technical specifications of circuit breakers: operating voltage; impulse withstand; rated current; interrupting capacity; switching duties; operating mechanisms - single or 3 pole; clearing time; environment; selection of circuit breakers: analysis of tenders on a whole of life basis; circuit breaker failures: failure modes for different types; catastrophic failures; cat estimating procedures; comparison of design/site options; whole of life cost comparison including capital and operatic costs; environmental and public issues; identification of design parameters: voltages, ratings, protection, metering, SCADA, communication, operational - preparation of one-line diagram and general arrangement; design scope; review with other parties.
Courses: EE60, EE78, EE82
Prerequisites: EEP202, EEP219, EEP244
Credit points: 4 **Contact hours:** 3 per week
Semester offered: 1, 2, 3

► EEP245 INTRODUCTION TO SUBSTATION DESIGN
Preparation of design/site options: standard layouts (outdoor, indoor, GIS, package, single bus, 1.5 CB, etc.) - cost, site, reliability lead time and communication factors; estimating procedures; comparison of design/site options; whole of life cost comparison including capital and operatic costs; environmental and public issues; identification of design parameters: voltages, ratings, protection, metering, SCADA, communication, operational - preparation of one-line diagram and general arrangement; design scope; review with other parties.
Courses: EE60, EE78, EE82
Prerequisites: EEP202, EEP219, EEP244
Credit points: 4 **Contact hours:** 3 per week
Semester offered: 1, 2, 3

► EEP246 CUSTOMER METERING
Tariff structures network & retail. Metered parameters kW, kWh, var, varh, VA, VAh, power factor, demand and the interrelationships between them. Electronic metering multifunction, measurement methods, advantages and limitations. HV metering, import/export metering, limitations, Blondel's theorem, safety aspects. Current and voltage transformers--theory of operation and accuracy limitations. Metering in the deregulated market viz Ch7 National Electricity Code. Single and polyphase electromechanical metering--method of operation and techniques used to measure reactive power. Electronic registers, summation registers and other techniques for customers with multiple points of supply. Communication methods in remote meter reading. Standards and regulatory bodies - Australian and international.
Courses: EE82, EE60, EE78
Prerequisites: Nil **Corequisites:** Nil
Credit points: 4 **Contact hours:** 3 per week

► EEP248 INTRODUCTION TO ELECTRICITY MARKETS
Problems associated with monopoly utilities and the central planning model. Economic models of markets including perfect competition, monopoly and oligopoly. Deregulation of the electricity supply industry. Applied competition on electricity generation: the spot market. Theory of derivative instruments. Applied risk management: the electricity derivatives market. Electricity market simulation. Potential failures in the deregulation environment.
Courses: EEP248
Credit points: 4 **Contact hours:** 3 per week
Campus offered: 1, 2, 3

► EEP301 PROJECT
Students carry out research or development work on a project in specified areas. This can be undertaken over one or two semesters.
Courses: EE76 **Credit points:** 24

► 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 reported 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, MAB101, MAB347
Campus offered: GP **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 macroeconomic stabilisation policy are analysed and explained within the Australian context. The significance of the international economy is described through a discussion of foreign exchange markets, the Australian dollar and the terms of trade.
Courses: BS50, BS56, ED50, IF28, IF30, IF37, IF41, IF48, IF60, IF62, IF72
Prerequisites: BSB113
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: EPB116 and EPB172; EPB140 and EPB150 if both have been passed; EFB103 and EFB104 if both have been passed
Campus offered: GP **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 alternative functional form issues will be illustrated in the context of published Australian data. The unit includes extensive use of a commonly used computer package to allow the practical application of the various techniques.
Courses: BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF60, IF62
Prerequisites: EFB101 or MAB101
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: EPB102
Campus offered: GP **Semester offered:** 1

► EFB201 FINANCIAL MARKETS
This unit introduces students to the institutional structure of global financial markets, and thereby complements the understanding of theoretical finance gained in either EFB206 or EFB210. Topics covered include the functions of financial markets, the banking and payments system, financial system deregulation, non-bank financial institutions, stock exchange operations, corporate and government debt markets, the Euromarket and markets for financial derivatives.
Courses: BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF60, IF62
Prerequisites: EFB206 or EFB210
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: FNB100
Campus offered: GP **Semester offered:** 1

► EFB202 BUSINESS CYCLES & ECONOMIC GROWTH
Develops an analytical framework in order to evaluate the macroeconomic performance of the Australian economy and the policy actions taken by government. Key issues addressed include business cycle stabilisation, unemployment, inflation; economic growth; the foreign debt; budget deficits; and national saving.
Courses: BS50, BS56, ED50, IF28, IF30, IF41, IF47, IF48, IF60, IF62, IF72
Prerequisites: EFB102 or EFB103
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: EPB141, EPB142
Campus offered: GP **Semester offered:** 1

► EFB206 CORPORATE FINANCE
The unit covers the financial decisions of the firm (investment, financing and dividend); sources of funds; Australian taxation environment, financial mathematics, valuation and the capital market; market efficiency; risk and return; portfolio theory; cost of capital; investment evaluation; capital budgeting; dividend policy; financing policy; futures; options; and an introduction to international finance.
Courses: BS50, BS56, ED50,
Prerequisites: BSB110
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: FNB111, FNB107, EFB210
Campus offered: GP **Semester offered:** 1

► EFB210 FINANCE 1
An introduction to the Australian institutional framework; terminology; debt and equity instruments. Financial mathematics applied to the pricing of debt and equity securities. A firm's investment decision; Net Present Value (NPV) and Internal Rate of Return (IRR); introduction to risk and uncertainty; Capital Asset Pricing Model (CAPM) and Weighted Average Cost of Capital (WACC).
Courses: BS50, BS56, IF28, IF30, IF37, IF41, IF47, IF48, IF56, IF60, IF62
Prerequisites: BSB110, BSB113
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: FNB107, FNB111, EFB206
Campus offered: GP **Semester offered:** 1, 2

► EFB211 FIRMS, MARKETS & RESOURCES
The unit introduces students to economic concepts that may be used beneficially in managerial decision-making. It is concerned with the economic analysis of the motivations, decisions and actions of consumers, firms, and governments in modern economies. It develops student understanding of that body of economics that is expressly concerned with the operations of, and inter-relationships between, the individual units of the economy. The unit is designed, not only to foster both clear thinking about the interplay between government, private firms, and consumers, but also to develop the student's ability to apply microeconomic concepts to economic problems that the student has not previously encountered.
Courses: BS56, ED50, IF28, IF30, IF41, IF47, IF48, IF60, IF61, IF62, IF72
Prerequisites: EFB102 or EFB104
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: EPB151, EPB152
Campus offered: GP **Semester offered:** 1

► EFB307 FINANCE 2
The financing decision: capital structure, debt versus equity, lease versus debt, term structure versus default structure of interest rates. The dividend decision: dividends versus capital gains, franked versus unfranked income. Firm valuation: free cash flow model, evaluation of takeovers. Risk and Return: diversification, the CAPM model, its practical application and its relationship to efficient market hypothesis. Introduction to forwards, futures, options, warrants, convertibles and risk management using financial derivatives.
Courses: BS56, IF28, IF30, IF37, IF41, IF47, IF48, IF60, IF61, IF62
Prerequisites: EFB210
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: FNB112
Campus offered: GP **Semester offered:** 1, 2

► EFB308 FINANCE 3
A study of contemporary finance research; beta estimation; market efficiency; asset pricing anomalies and the extension of basic pricing theory; valuation theory; value-at-risk; use of finance research tools. Students are required to complete a research project combining theory and practice.
Courses: BS56, IF28, IF30, IF41, IF47, IF48, IF61, 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 options, futures and physical instruments; option replication strategies; modifications to the basic option theory, to account for firm capitalisation changes (e.g. bonus shares); designer options; and option pricing models, other than the standard Black-Scholes OPM studied in EFB307.
Courses: BS50, BS56, IF28, IF30, IF41, IF45, IF47, IF48, IF60, IF62
Prerequisites: EFB307
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 2

► EFB310 FINANCIAL INSTITUTIONS - CONTROL
Designed to familiarise students with the management considerations of a financial institution, particularly 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, IF60, IF62
Prerequisites: EFB206 or EFB210
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: FNB124, FNB115
Campus offered: GP **Semester offered:** 2

► EFB311 FINANCIAL INSTITUTIONS - LENDING
Finance theory and the lending function; cost of bank funds; the evaluation of retail loans, lending to small business; financial statement analysis; corporate lending and securities; financing international trade; problem loans and credit scoring.
Courses: BS50, BS56, IF28, IF30, IF41, IF47, IF48, 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; interest rate 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, EPB132
Campus offered: GP **Semester offered:** 2

► EFB314 INTERNATIONAL TRADE & ECONOMIC COMPETITIVENESS
The unit analyses the increasing globalisation of world trade and finance, and develops an analytical framework to assess the impact of these flows on the Australian economy, its businesses and its policy makers. It examines trade and capital flows, exchange rate.
Courses: BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF60, IF62, IF72
Prerequisites: BSB116, EFB211, EFB202
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: EPB130, EPB132, EFB212
Campus offered: GP **Semester offered:** 2

► EFB318 PORTFOLIO & SECURITY ANALYSIS
Management of investment portfolios; diversification; performance management; risk management; advanced theories on option pricing, efficient markets, futures trading (hedging) and asset pricing.
Courses: BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF60, IF62
Prerequisites: EFB307
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: FNB126
Campus offered: GP **Semester offered:** 1

► EFB323 FINANCIAL & MONETARY ECONOMICS
This unit emphasises the economics of financial markets and their interaction with the real sector of the economy. Major attention is devoted to the flow of funds, the theory and behaviour of interest rates, the structure and regulation of financial markets, the role of the central bank and the operation of monetary policy. The unit builds on the microeconomic and macroeconomic foundations laid in EFB202 and EFB211.
Courses: BS56, IF28, IF30, IF41, IF47, IF48, IF60, IF62, IF72
Prerequisites: EFB202
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: EFB215
Campus offered: GP **Semester offered:** 2

► EFB324 MACROECONOMICS OF GLOBAL FINANCIAL MARKETS
This unit deals with Global Financial Markets, the various theoretical and policy approaches to the macro economy as they affect those markets in different countries. Particular markets dealt with include equity, bond and currency markets. It examines the comparative macroeconomic performance in different markets and different countries over time. The unit also examines the distinction between interventionist and laissez-faire policies, as well as the differences in traditions and approaches between English speaking and non-English speaking countries.
Courses: BS56, IF26, IF28, IF30, IF41, IF47, IF48, IF60, IF62.
Prerequisites: EFB202
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1

► EFB325 FINANCIAL MICROECONOMICS
This unit addresses the theoretical microeconomic foundations of financial economics, focusing on how individuals and firms deal with uncertainty. The theoretical concepts are illustrated with applications from both the private and public sector. Contents include expected utility theory, risk analysis, intertemporal preferences, economic applications of game theory, cost of capital, demand for capital, asymmetric information, and the economics of information technology.
Courses: BS56, IF26, IF28, IF30, IF41, IF47, IF48, IF60, IF61
Prerequisites: EFB211
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 2

► EFB326 APPLIED PORTFOLIO MANAGEMENT
This unit introduces the student to the treasury environment in which financial institutions operate. The key to the unit is the raising of funds and the management of interest rate risk. This unique hands-on unit allows students to develop these skills by trading in a simulated environment of international economic uncertainty. Students have trading parameters within which they should operate. Students must make decisions concerning source of funds, term and duration, interest rate re-set, and risk management with derivatives. Trading will be conducted over a simulated four-quarter year.
Courses: BS56, IF26, IF30, IF41, IF47, IF48, IF60, IF62.
Prerequisites: EFB210
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 2

► EFB327 ECONOMETRICS OF FINANCIAL MARKETS
The Econometrics of Financial Markets provides a comprehensive introduction to models of economic behaviour in financial markets, using the tools of discrete time-series analysis. It aims to give grounding in the necessary econometric methods before demonstrating how competing theoretical models may be tested. It provides illustrative empirical results from the stock, bond and foreign exchange markets.
Courses: BS56, IF28, IF30, IF41, IF47, IF48, IF60, IF62.
Prerequisites: EFB200
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 2

► EFB328 PUBLIC ECONOMICS & FINANCE
This unit extends the economic theory introduced to students in the pre-requisite unit and applies these economic principles to a range of public finance issues. In particular, the role of government expenditure and finance in the areas of education, health and the environment is examined, with an emphasis on the critical analysis of economic arguments for and against government intervention. The topics in this unit are unified by a concern with the sources of market failure (problems of information, problems of market structure, externalities and public goods); their impacts on efficiency; the role, if any, of government in their presence; and the economic and financial instruments available to governments to improve the efficiency of resource allocation. The unit draws on theoretical and empirical examples in the economic and financial literatures on health, education, and the environment.
Courses: BS56, IF26, IF28, IF30, IF41, IF47, IF48, IF60, IF62.
Prerequisites: EFB211
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 2

► EFN401 ADVANCED FINANCIAL INSTITUTIONS MANAGEMENT
The study of current technical issues facing managers of financial institutions including an examination of theoretical framework for the analysis of the function and operation of the modern financial institution. Topics include strategic management, evolution of the Australian financial market place, issues associated with regulation.
Courses: BS70, BS94, IF64
Prerequisites: PG only; with an UG degree with a major in Economics or Finance
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP
Semester offered: Not offered 2002

► EFN405 MANAGERIAL ECONOMICS
Managerial decision making in an economic environment; an introduction to economics, demand analysis, cost analysis, market strategy and the macroeconomic environment; problems of resource allocation at the firm, in industry and the economy; completion of an industry study by each student, and an analysis of the Commonwealth Budget strategy.
Courses: BS39, BS89, BS96, BS98, GS81
Prerequisites: PG only
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: EPN102, GSN203, GSN411, GSN414
Campus offered: GP **Semester offered:** 1

► EFN406 MANAGERIAL FINANCE
Introduction to the world of finance and financial management. Topics include: the finance function, the role of the financial manager; the Australian financial environment; sources of funds; present and future value; time value of money; financial mathematics; introduction to valuation; cost of funds; the firm investment decision; investment evaluation techniques; capital budgeting; portfolio theory; risk and return; capital asset pricing model; dividend policy; financial structure policy; futures; and options.
Courses: BS39, BS89, BS91, BS96, BS98, GS70, IF64
Prerequisites: PG only
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: FNN102, GSN413, GSN423
Campus offered: GP **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: BS70, BS93, BS94, IF64
Prerequisites: PG only
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AYN419, EFN503, FNN103
Campus offered: GP **Semester offered:** 2

► EFN412 ADVANCED MANAGERIAL FINANCE
Expands on material introduced and developed in EFN406 Managerial Finance. Its objective is to examine the key decisions made by corporate financial managers (that is the investment, financing and dividend decisions). In addition, a number of topics of special interest to financial managers will also be covered, namely leasing, working capital management, risk management and takeovers.
Courses: BS39, BS91, BS96, BS98, GS10, GS11, GS85, GS86, GS90, GS91
Prerequisites: PG only, EFN406
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1

► EFN413 SECURITIES LAW
Examines the legal framework of those working in the securities industry. The unit looks at the system of law operating in Australia, provides a study of the law of contract and provides an introduction to the law of torts, particularly negligent misstatement. Corporations law as it affects dealers, advisors and participants of the securities industry is included. The law of business associations, takeovers and market offences are examined.
Courses: BS39, BS91, BS96, BS98
Prerequisites: PG only
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 2

► EFN414 INTERNATIONAL FINANCE
The theory and practice of international finance, the relationship between domestic and international financial markets, international parity conditions and arbitrage, foreign exchange risk management, interest rate, risk management, international trade finance, international portfolio investment, multinational cost of capital and capital structure, and international capital budgeting.
Courses: BS39, BS91, BS96, BS98, GS10, GS11, GS85, GS86, GS90, GS91
Prerequisites: PG only, plus EFN406
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: EFB312
Campus offered: GP **Semester offered:** 2

► EFN415 SECURITY ANALYSIS
A one-semester unit dealing with security analysis and portfolio management. The unit is both descriptive, dealing with a range of securities and the market they operate in, and theoretical, considering theories of the market and the equilibrium prices of securities. Topics covered include: portfolio theory and the capital asset pricing model; bond and equity portfolio management; market, industry, and company analy-

sis; portfolio hedging; technical and fundamental analysis; active vs. passive investment strategies; and the evaluation of portfolio performance. The ultimate purpose of this unit is to provide the necessary tools for you to manage investment risk and return, select mispriced securities, design and administer investment portfolios, accomplish goals in portfolio management, and measure the performance of investment management.
Courses: BS39, BS91, BS96, BS98, GS10, GS11, GS85, GS86, GS90, GS91
Prerequisites: PG only, EFN406
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: EFB318, EFN408
Campus offered: GP **Semester offered:** 2

► 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 operate. Students must make decisions concerning source of funds, term and duration, interest rate re-set, and risk management with derivatives. Trading will be conducted over a simulated four-quarter year.
Courses: BS39, BS70, BS91, BS94, BS96, BS98, GS80, GS81
Prerequisites: PG only; with an UG degree in Economics or Finance or EFN406
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1

► EFN417 AN INTRODUCTION TO INTERNATIONAL FINANCE
This unit provides an introduction to international financial issues involved in managing the multinational corporation's (MNC) finance functions. Material covered includes: the theories and empirical evidence that are necessary for the sound understanding of the MNC's international financial environment; the foreign exchange and other international financial markets; the key techniques for the management of international financial risks including exchange rate risk, country risk and interest rate risk, and the sourcing and investment of the MNC's funds both in the short-term and in the long-term.
Courses: BS63, BS93, GS10, GS11, GS85, GS86, GS90, GS91
Prerequisites: PG only
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: Cannot be undertaken after EFN414
Campus offered: GP **Semester offered:** 2

► EFN418 INTRODUCTION TO FINANCIAL RISK MANAGEMENT
This is a risk management unit at the intermediate level, which provides students with the ability to identify, assess and subsequently reduce common financial risks of business within an open economy. The role of the financial risk manager is central to this understanding, particularly in relation to how the manager makes decisions in relation to financial risks, which of those risks need to be controlled, the extent of mitigation, and the techniques used to neutralise them.
Courses: IF88, HL88, PU85
Prerequisites: PUN008 or BSB113 or equivalent
Credit points: 12
Contact hours: External mode
Incompatible with: EFN406
Campus offered: EXT **Semester offered:** 1, 2

► EFN500 CONTEMPORARY MACROECONOMIC THEORIES
Introduces students to the latest theoretical developments in the field of macroeconomics using both qualitative and quantitative approaches. It places these theories in their historical, philosophical and societal contexts. This unit looks at New Classical and New Keynesian theoretical approaches to a range of issues. These include: expectation theories, supply side economics, theories of labour markets, monetary theories, and growth theories (including the role of international trade). Also differences in the theoretical foundations of macroeconomic policies employed in different countries are highlighted.
Courses: BS63, BS70, BS92, BS94, GS70, GS80, IF64
Prerequisites: PG only with an UG degree with a major in Economics or Finance
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: EPN111
Campus offered: GP **Semester offered:** 1

► EFN501 CORPORATE & COMMERCIAL LENDING
The study of advanced lending issues and structures for commercial applications. Examination of procedures for analysis of specialist lending; credit rating, leasing structures, venture finance.
Courses: BS70, BS94, GS80, IF64
Prerequisites: PG only; with an UG degree with a major in Economics or Finance
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP
Semester offered: 2 (2003 and 2005)

► EFN502 DEVELOPMENTS IN MICROECONOMIC THEORIES
Discussion of refinements in microeconomic theory such as consumer demand theory, labour supply, intertemporal demand, producer theory, market structure, theory of regulation, externalities, and public goods are considered in this unit. It explores refinements in microeconomic theory that have been contemporaneously used in the development of government policies in areas such as the environment, energy, public enterprises and industrial development.
Courses: BS63, BS70, BS92, BS94, GS80, IF64
Prerequisites: PG only with an UG degree with a major in Economics or Finance
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: EPN108
Campus offered: GP **Semester offered:** 1

► EFN504 FINANCE HONOURS
An advanced coverage of the theory of financial management, building on work done in the undergraduate course with reference to empirical evidence where available; topics include; capital markets, investment decisions, market equilibrium, the capital asset pricing model, arbitrage pricing theory, capital structure, dividend policy, efficient capital markets; provides a theoretical basis allowing for evaluating policy problems in the area of financial management, a prerequisite for further specialisation in this area.
Courses: BS63, BS70, BS92, BS94
Prerequisites: PG only with an UG degree with a major in Economics or Finance
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: FNN101
Campus offered: GP **Semester offered:** 1

► EFN505 FINANCIAL RISK MANAGEMENT
The unit covers the main areas of modern risk management. The focus will be on measuring and managing risks in financial institutions, although some specific aspects of risk management in non-financial corporations will be considered. Particular attention will be paid to developing understanding of the analytical techniques employed in the construction of hedging strategies and the interrelations between the main areas of risk management. The unit will also emphasise empirical applications and assessment of risk management techniques. A self-contained introduction to the relevant probability concepts will be provided. The topics that will be covered include the current state of prudential regulation of financial institutions, measurement and management of market risks, hedging strategies with derivatives, managing interest rate and exchange rate risks and the role of insurance.
Courses: BS39, BS63, BS70, BS91, BS92, BS94, BS98, IF64
Prerequisites: PG only, EFN415 or equivalent (e.g. a recent UG degree with a major or specialisation in Finance).
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: FNN104
Campus offered: GP **Semester offered:** 1

► EFN506 ADVANCED INTERNATIONAL FINANCE
A rigorous study of the major issues in international finance pertaining to the foreign exchange market, international parity conditions, hedging of foreign exchange risk, international asset pricing, international portfolio diversification, international cost of capital and capital structure, international capital budgeting and international financial markets integration.
Courses: BS70, BS94, GS10, GS11, GS85, GS86, GS90, GS91, IF64
Prerequisites: PG only with an UG degree with a major in Finance or EFN414
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: FNN105
Campus offered: GP **Semester offered:** 2

► 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, refunding decisions, analysis of financial and leverage leases, the impact of recent taxation changes on the financing, dividend and investment decisions of the firm, capital budgeting in an international context. The course includes a series of case studies, problems and exercises, which require the student to apply the theory they have learned, to practical situations, not covered in normal undergraduate courses. A basic understanding of spreadsheets is assumed.
Courses: BS39, BS70, BS91, BS94, BS98, IF64
Prerequisites: PG only with an UG degree with a major in Economics or Finance or EFN412
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: EFN400, FNN100
Campus offered: GP **Semester offered:** 2

► GSN200 BUSINESS STRATEGIES
This unit develops a manager's knowledge, analytical understanding and action-taking competencies. The paradigm adopted is 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: GSN405
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MGN504
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 examined.
Courses: GS10, GS11, GS13, GS70, GS80, GS81, GS85, GS86, GS87, GS90, GS91, GS92
Prerequisites: 48 credit points from the core
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1, 2

► GSN224 CORPORATE PHILANTHROPY
The nature of the relationship between the for profit corporation and the nonprofits sector is invariably through corporate philanthropy. This unit examines five issues central to corporate philanthropy: legal and taxation, cause related alliances, corporate foundations, business giving

models in Australia and corporate social responsibility. The unit is taught through case studies in Australian and international practice.
Courses: BS39, BS93, BS95, GS20
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 2

► GSN225 BUSINESS DEVELOPMENT IN CREATIVE INDUSTRIES
This unit introduces the student to the issues involved in selecting and refining a business concept in the creative industries. Topics include business opportunity recognition, screening for potential viability and sustainable competitive advantages; identifying and analysing strategic options, creating a marketing strategy, and outlining the production and operations, human resources, and financial plans for a selected creative industries venture. 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
Corequisites: GSN401, GSN408
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 2

► GSN226 ARTS POLICY & STRATEGY
This unit analyses the function and processes of arts policy and its relationship to society, the arts and cultural organisations, and the profession of arts management. This includes an investigation of the status of the artist, public policy, funding processes, cultural economics, international perspectives and the contemporary policy issues in the non-profit arts and cultural sector.
Courses: BS30, BS39, BS63, BS92, BS93, GS10, GS20, IF02, IF04
Prerequisites: PG only
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MIN400
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. The unit concludes with an examination of cultural leadership in the community.
Courses: BS30, BS39, BS63, BS92, BS93, GS10, GS20, IF02, IF03, IF04
Prerequisites: PG only
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MIN430
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 within 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, GS10, GS20, IF02, IF04
Prerequisites: PG only
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MIN415
Campus offered: GP **Semester offered:** 1

► GSN401 MANAGING IN THE GLOBAL BUSINESS ENVIRONMENT
Competence in managing is the key to success for any organisation and for any person within that organisation. The knowledge and ability to manage within the global business environment are crucial requirements for today's and tomorrow's managers. This unit introduces the planning, leading, organising and controlling functions of management to elucidate current trends in management practice in the global environment.
Courses: BS30, BS91, GS10, GS11, GS12, GS13, GS85, GS86, GS87, GS90, GS91, GS92, GS93, IF13, IF15, IF16
Prerequisites: Must be taken in first semester of study
Credit points: 6 **Contact hours:** 3 per week
Incompatible with: GSN204, MGN409
Campus offered: GP
Semester offered: 1, 2, 3 (GP1 & GP2)

► GSN402 STRATEGIC USE OF INFORMATION TECHNOLOGY
This unit discusses the impact of the digital era on business strategy, emphasising the importance of the information sector of the economy, the growth of electronic commerce, and the displacement effects of technology to the global business environment. The convergence of communication technology and information technology (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, GS85, GS86, GS87, GS90, GS91, GS92, GS93, IF13, IF15, IF16
Prerequisites: Must be taken in first semester of study
Credit points: 6 **Contact hours:** 3 per week
Incompatible with: GSN201
Campus offered: GP
Semester offered: 1, 2, 3 (GP1 & GP2)

► GSN403 UNDERSTANDING DATA
This unit is designed to provide students with a clear understanding of basic statistical techniques and to present well-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, GS93, IF13, IF15, IF16
Prerequisites: Must be taken in first semester of study
Credit points: 6 **Contact hours:** 3 per week
Incompatible with: EFN409
Campus offered: GP
Semester offered: 1, 2, 3 (GP1 & 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, GS93, IF13, IF15, IF16
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. The 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. The focus is upon business level strategies that are examined as per the classical and resource-based perspective. Teaching strategies emphasise the content of the field through the use of conceptual and analytical frameworks.
Courses: BS30, BS91, GS10, GS11, GS12, GS13, GS85, GS86, GS87, GS90, GS91, GS92, GS93, IF13, IF15, IF16
Prerequisites: GSN401 **Corequisites:** GSN401
Credit points: 6 **Contact hours:** 3 per week
Incompatible with: GSN420
Campus offered: GP
Semester offered: 1, 2, 3 (GP1 & GP2)

► GSN406 HUMAN RESOURCE MANAGEMENT ISSUES
This unit examines the challenges faced by managers in achieving effective human resource management in the contemporary business environment. An issues based approach is adopted to focus attention on the need for the individual managers to complement their technical expertise with knowledge and skills in people management. Specific attention will be given to the human resource management implications arising from the global business environment and the changing nature of organisations.
Courses: BS30, BS91, GS10, GS11, GS12, GS13, GS85, GS86, GS87, GS90, GS91, GS92, GS93, IF13, IF15, IF16
Prerequisites: GSN401, GSN409
Credit points: 6 **Contact hours:** 3 per week
Campus offered: GP
Semester offered: 1, 2, 3 (GP2)

► GSN407 BUSINESS COMMUNICATION
Professional Communication 1 is an introductory unit designed to promote effective 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 available to the manager 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, GS93, IF13, IF15, IF16
Credit points: 6 **Contact hours:** 3 per week
Incompatible with: CON404
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, marketing segmentation, targeting and positioning, and marketing planning. It further examines the place of marketing planning within the strategic processes of the modern firm and the complexities brought about by an increasingly competitive international environment.
Courses: BS30, BS91, GS10, GS11, GS12, GS13, GS85, GS86, GS87, GS90, GS91, GS92, GS93, 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 I is an introductory course which analyses human behaviour at work with a focus on issues of personality, motivation, group interaction, occupational stress, and health and organisational change. The unit will examine issues related to aspects of the working environment and to the relationship between managerial strategies, organisational structures and their effects on performance, health and autonomy.
Courses: BS30, BS91, GS10, GS11, GS12, GS13, GS85, GS86, GS87, GS90, GS91, GS92, GS93, 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)

► 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 attitudes and abilities, opportunity recognition, preliminary viability screening, analysis of sustainable competitive advantages, 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.
Courses: BS30, BS91, GS10, GS11, GS12, GS13, GS85, GS86, GS87, GS90, GS91, GS92, GS93, IF13, IF15, IF16
Prerequisites: GSN408 **Corequisites:** GSN408
Credit points: 6 **Contact hours:** 3 per week
Incompatible with: GSN300
Campus offered: GP
Semester offered: 1, 2, 3 (GP1)

► GSN411 ECONOMICS OF STRATEGY 1
Competitive strategy requires an understanding of the market context in which the business firm is operating and increasingly this means the global market context. This unit is concerned with the microeconomics of strategic business choices, such as acquiring a competitor, supplier, or major customer, or diversifying into similar and dissimilar markets, using economic concepts such as economies of scale, economies of scope, incremental costs and transaction costs. Topics include industry analysis, market structure, strategic commitment and competition and the dynamics of pricing rivalry.
Courses: BS30, BS91, GS10, GS11, GS12, GS13, GS85, GS86, GS87, GS90, GS91, GS92, GS93, IF13, IF15, IF16
Credit points: 6 **Contact hours:** 3 per week
Campus offered: GP
Semester offered: 1, 2, 3 (GP1)

► GSN412 BUSINESS LAW 1
This module 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.
Courses: BS30, GS10, GS11, GS12, GS13, GS85, GS86, GS87, GS90, GS91, GS92, GS93, IF13, IF15, IF16
Prerequisites: GSN401 **Corequisites:** GSN401
Credit points: 6 **Contact hours:** 3 per week
Incompatible with: AYN410
Campus offered: GP
Semester offered: 1, 2, 3 (GP2)

► GSN413 FINANCIAL MANAGEMENT 1
This unit introduces the student to 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 evaluation, diversification, risk and return, and cost of capital.
Courses: BS30, GS10, GS11, GS12, GS13, GS85, GS86, GS87, GS90, GS91, GS92, GS93, IF13, IF15, IF16
Prerequisites: GSN403 **Credit points:** 6
Contact hours: 3 per week
Incompatible with: EFN406
Campus offered: GP
Semester offered: 1, 2, 3 (GP1)

► GSN414 BUSINESS CONDITIONS ANALYSIS 1
This unit provides managers with an understanding of the basic workings of the national economy in its international 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 organisation. These include the level of economic activity, unemployment, inflation, interest rates, the exchange rate, the balance of payments and the wage rate. A series of real world models that explain how the values of these key variables are determined are then discussed. During these discussions, the importance of an understanding of the current and future values of these variables for sound management of the organisation will be addressed.
Courses: BS30, BS91, GS10, GS11, GS12, GS13, GS85, GS86, GS87, GS90, GS91, GS92, GS93, IF13, IF15, IF16
Credit points: 6 **Contact hours:** 3 per week
Incompatible with: GSN203
Campus offered: GP
Semester offered: 1, 2, 3 (GP2)

► GSN415 LEADERSHIP 1
Leadership is the process of persuasion or example by which an individual influences others to pursue identified goals. The skills of leadership can be identified and learned. This unit explores the attributes, roles and tasks of leaders in contemporary business situations and the issues that impact on leadership, such as leader-follower interaction, 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.
Courses: BS30, BS91, GS10, GS11, GS12, GS13, GS85, GS86, GS87, GS90, GS91, GS92, GS93, IF13, IF15, IF16
Prerequisites: GSN401
Credit points: 6 **Contact hours:** 3 per week
Campus offered: GP
Semester offered: 1, 2, 3 (GP1)

► GSN416 BUSINESS PLANS 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 concept is feasible and viable. Consideration is given to the major purpose and intended 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.
Courses: BS30, BS91, GS10, GS11, GS12, GS13, GS85, GS86, GS87, GS90, GS91, GS92, GS93, IF13, IF15, IF16
Prerequisites: GSN404, GSN408, GSN410
Credit points: 6 **Contact hours:** 3 per week
Campus offered: GP
Semester offered: 1, 2, 3 (GP2)

► GSN417 EFFECTIVE ADVOCACY FOR MANAGERS
The ability to differentiate oneself from competitors has become crucially important to managers. Students need to develop the necessary knowledge and skills to be confident and articulate communicators in leadership positions. Competing for 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.
Courses: BS30, GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92
Prerequisites: GSN407
Credit points: 6 **Contact hours:** 3 per week
Campus offered: GP
Semester offered: 2 (GP2)

► GSN418 MARKETING MANAGEMENT 2
This unit builds upon the foundation provided by GSN408 and examines the managerial process involved in identifying and developing effective marketing strategies. It examines the role of marketing within the strategic processes of the modern firm and considers the process involved in strategic marketing in the global business context. It 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.
Courses: BS30, GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92
Prerequisites: GSN408
Credit points: 6 **Contact hours:** 3 per week
Incompatible with: GSN206
Campus offered: GP
Semester offered: 1, 2, 3 (GP2)

► 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 behaviour in organisations. Theories of power and authority are examined with an emphasis on understanding political behaviour. Various psychological perspectives are used to understand the motivation behind specific behaviours. Frameworks for counselling employee performance and decision-making are examined.
Courses: BS30, GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92
Prerequisites: GSN409
Credit points: 6 **Contact hours:** 3 per week
Incompatible with: MGN412
Campus offered: GP
Semester offered: 2 (GP1)

► 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 strategic analyses on a new venture concept as part of the assessment.
Courses: BS30, GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92
Prerequisites: GSN410
Credit points: 6 **Contact hours:** 3 per week
Incompatible with: GSN405
Campus offered: GP
Semester offered: 1, 2, 3 (GP1)

► GSN421 ECONOMICS OF STRATEGY 2
This unit continues the analysis introduced in GSN411 and develops in greater depth the economics of competitive strategy and competitive advantage in the global business context. Topics include exit and entry of firms, strategic positioning for competitive advantage, analysing cost and differentiation positions, methods of sustaining competitive advantage, the origins of competitive advantage and incentives and agency problems.
Courses: BS30, GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92
Prerequisites: GSN411
Credit points: 6 **Contact hours:** 3 per week
Campus offered: GP
Semester offered: 1, 3 (GP2)

► 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.
Courses: BS30, GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92
Prerequisites: GSN412
Credit points: 6 **Contact hours:** 3 per week
Incompatible with: AYN410
Campus offered: GP
Semester offered: 2 (GP1)

► GSN423 FINANCIAL MANAGEMENT 2
This unit builds on the foundations of GSN413 and considers more advanced financial management topics. It extends the analysis of firms' decisions in the areas of investment, dividends and financing. Topics include capital budgeting, capital asset pricing, option and futures, risk management, dividend and financing policy, and an introduction to international finance.
Courses: BS30, GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92
Prerequisites: GSN413
Credit points: 6 **Contact hours:** 3 per week
Incompatible with: EFN406

Campus offered: GP
Semester offered: 2 (GP2)

► GSN424 BUSINESS CONDITIONS ANALYSIS 2
This unit, which builds on knowledge gained in GSN414, examines recent developments in economic agents and their effect on macroeconomic outcomes. Students are introduced to the key macroeconomic schools of thought and the key issues include the assumption of rational expectations, the proposition that fiscal and monetary policy are ineffective, the maintenance of external balance, the efficiency wage theory, menu costs, insider-outsider models and game theory. During these discussions, the relevance of these ideas for sound decision-making within the organisation will be addressed.
Courses: BS30, BS91, 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, 3 (GP1)

► GSN425 LEADERSHIP 2
This unit builds upon GSN415 to develop leadership ability, utilising a conceptual framework for self-understanding and the development of the requisite knowledge, skills and attitudes required to lead successfully in contemporary society. It is designed to allow individuals a better understanding of their own capacities as leaders. It will use this understanding to design leadership development strategies. Individuals will learn the principles of effective leadership and how their own style affects leadership, decision-making, vision building, organisational culture, the use of power and teamwork. The focus is on the development of self-awareness and improvement of the individual's capacity to understand, 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
Campus offered: GP
Semester offered: 1, 2, 3 (GP2)

► GSN426 BUSINESS PLANS 2
This unit is a continuation of GSN416 and culminates in the writing and presentation of a formal Business Plan. The business plan is the first of a three-part communication strategy between new venture management and the potential investor. The second and third stages (namely the Presentation and the Question and Answer session) are also considered in this unit. As part of the assessment, candidates will complete 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, GSN405 (or GSN420)
Credit points: 6 **Contact hours:** 3 per week
Campus offered: GP
Semester offered: 1, 2, 3 (GP2)

► GSN427 FINANCIAL STATEMENTS ANALYSIS 2
This unit builds upon GSN404 and extends students' understanding of accounting concepts and examines the use of accounting concepts and examines the use of accounting information in supporting managerial decision making: an introduction to management accounting, costing, cost-volume-profit analysis, budgeting and capital budgeting.
Courses: BS30, GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92
Prerequisites: GSN404
Credit points: 6 **Contact hours:** 3 per week
Campus offered: GP
Semester offered: 1, 3 (GP1)

► GSN428 INTERNATIONAL STUDY TOUR
This unit involves a group excursion to one or more international countries for students interested in learning more about doing business with that (those) countries. Students will normally have previously completed MIN437 Country Specialisation and/or MIN40x Business in (Region X) and have studied the business environment and other aspects in that (those) countries in considerable detail. The international study tour would normally be scheduled during the semester break period, and involve 10-14 days overseas, accompanied by an Academic Advisor. Assessment will include a major paper on a specific aspect of doing business with that (those) countries, to be completed following the conclusion of the international study tour.
Courses: BS30, GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92
Prerequisites: Permission of the MBA Director
Credit points: 6 **Contact hours:** 3 per week
Campus offered: GP

► GSN429 NEW VENTURE MARKETING
New Venture Marketing is concerned with the special marketing needs of new and entrepreneurial businesses in international markets. New ventures face market ignorance much greater than that faced by new products of existing firms. Needs of potential customers must be analysed, and product offerings modified accordingly. Product design and prototypes must be developed in close contact with marketing research results. New marketing channels must be created or access to existing channels must be secured. Potential customers must be identified, informed, and persuaded to try the new product. Pricing is a major problem area, since there is a conflict between relatively low prices to encourage trial, and premium pricing because the new product better serves customer needs. These issues will be examined in this unit.
Courses: BS30, GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92
Prerequisites: GSN410, GSN418
Corequisites: GSN418
Credit points: 6 **Contact hours:** 3 per week
Campus offered: GP
Semester offered: 1, 2, 3 (GP2)

► GSN430 NEW VENTURE FUNDING
This unit is concerned with raising the funds in international capital markets to establish, launch and grow a new business venture. Sources of funding include self-funding, family and friends, Business Angels, Venture Capitalists and Banks. Other sources of initial funding or cash flow conservation, such as agreements with suppliers, customers, and employees, are also considered. Assumptions underlying the valuation of the business, and the equity share allocated to an investor are also examined in considerable detail.
Courses: BS30, GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92
Prerequisites: GSN404, GSN410
Credit points: 6 **Contact hours:** 3 per week
Campus 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, distribution, 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' involvement in every aspect of the business to a more detached strategic planning and senior management role. This unit considers 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, GSN405 (or GSN420)
Credit points: 6 **Contact hours:** 3 per week
Campus offered: GP
Semester offered: 2 (GP1)

► GSN432 NEW VENTURE LEADERSHIP & HRM
The entrepreneur's ability to exercise leadership is a critical factor in the success of most new ventures, and thus the main purpose of this unit is to enhance entrepreneurial leadership skills. Human resource management issues, including international human resource and cross-cultural management, are introduced and applied to the new venture situation. Incentive remuneration schemes, including bonus and stock option schemes, are considered as a means of reducing current employee cost and reducing employee turnover, while allowing employees to participate in the upside potential of the venture.
Courses: BS30, GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92
Prerequisites: GSN410, GSN415
Credit points: 6 **Contact hours:** 3 per week
Campus offered: GP
Semester offered: 2 (GP1)

► GSN433 PUBLIC POLICY TOWARDS NEW & SMALL BUSINESS
This unit considers, in the Australian and in the global context, national and international policies for small enterprise development, types of government and non-government assistance and the availability of various management advisory services for small enterprises. It also looks at the use of multiplier agents in providing services for small enterprises, an examination of policy issues, a review of policies in Australia and overseas, and specific country and regional cases in small policy.
Courses: GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92
Prerequisites: GSN410, GSN405 (or GSN420)
Credit points: 6 **Contact hours:** 3 per week
Campus offered: GP
Semester offered: 1, 3 (GP1)

► GSN434 VENTURE CAPITAL
This unit considers, in the Australian and global financial market contexts, the operation of the venture capital industry and its rationing of relatively scarce risk capital among relatively abundant demands for new venture funding. Students will gain an understanding of how the venture capital industry works and the criteria by which funds are committed to the support of new ventures. Students will increase their ability to distinguish the less risky and more profitable investment opportunities from the more risky and less remunerative opportunities that may also be presented to venture capitalists.
Courses: GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92
Prerequisites: GSN404, GSN410, GSN413, GSN405 (or GSN420)
Credit points: 6 **Contact hours:** 3 per week
Campus offered: GP
Semester offered: 1, 3 (GP2)

► GSN435 ELECTRONIC COMMERCE
An increasing proportion of business activities can be conducted electronically, from marketing and sales activity to financial transactions. It follows that a sound knowledge of Information Technology and its application to business activities is an increasingly important element in the manager's tool kit.
Courses: BS30, GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92
Prerequisites: GSN402
Credit points: 6 **Contact hours:** 3 per week
Campus offered: GP
Semester offered: 1, 2, 3 (GP1)

► GSN436 FACILITIES MANAGEMENT 1
This unit traces the development of facilities management as a crucial role in business support. Topics include definitions and concepts, facilities managers' role and competencies, and the importance of incorporating strategic facilities planning within the corporate business plan.
Courses: GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92
Prerequisites: GSN406
Credit points: 6 **Contact hours:** 3 per week
Semester offered: Not offered 2002

► GSN437 FACILITIES MANAGEMENT 2
This unit builds upon GSN436 and provides an overview of facilities management practice and the range of tools essential for the definition, assessment, and procurement and monitoring of facility-related services. Topics include real estate portfolio review and occupancy cost management, structuring and resourcing the facilities management set-up, outsourcing of support ser-

vices, 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 1
This unit introduces the student to the strategic management of an organisation's production system, which converts inputs into products and services. The responsibility of this conversion process falls to the Operations Manager, and this responsibility is increasingly global in scope. Topics include operations strategy (using quality, cost and service as competitive weapons), forecasting and planning, designing and developing products 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: 2 (GP1)

► GSN439 OPERATIONS & PRODUCTION MANAGEMENT 2
This unit builds on the foundation provided by GSN438 and concentrates on the operating decisions involved in planning production to meet global demand for the organisation's products or services. Topics include production planning systems, inventory systems, resource requirements planning systems, shop floor planning and control, just-in-time manufacturing, materials management, and purchasing and quality control systems.
Courses: GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92
Prerequisites: GSN438
Credit points: 6 **Contact hours:** 3 per week
Campus offered: GP
Semester offered: 2 (GP2)

GSN440 RISK MANAGEMENT 1
This unit examines the role of risk management in modern corporate governance. It examines key risk decision areas of financial risk and physical risk (asset management, fire, flood, siege etc). It further examines the place of risk management within the strategic processes of the modern corporate 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 (GP1)

► GSN441 RISK MANAGEMENT 2
This unit extends the concepts addressed in GSN440 to include human resources risk, business systems risk, legislative risk and technology risk. It examines the place of risk management within the strategic processes of the modern private or public organisation and the complexities brought about by an increasingly competitive international environment.
Courses: GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92,
Prerequisites: GSN440
Credit points: 6 **Contact hours:** 3 per week
Campus offered: GP
Semester offered: 1, 3 (GP2)

► GSN442 PROJECT MANAGEMENT 1
Managers are increasingly placed in the position of project manager, to manage 'projects' as diverse as construction of new facilities, expansion to global markets, implementation of cultural change, technology systems installation, or planning an annual convention, for example. This unit will impart the fundamental skills in both the operational and strategic aspects of project management. Topics include defining the project, strategic issues in project management, organising for project management and project management charting. Students will complete a basic project management plan for a selected project as a major part of the assessment.
Courses: BS30, 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 (GP1)

► GSN443 PROJECT MANAGEMENT 2
Builds upon the foundation provided by GSN442 to equip the manager with project management skills and a project-driven focus. Topics include project planning, project management information systems, project evaluation and control, project leadership, internal and external communications, negotiation, conflict management and resolution. Students will complete a project plan as part of the unit evaluation.
Courses: BS30, GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92
Prerequisites: GSN442
Credit points: 6 **Contact hours:** 3 per week
Campus offered: GP
Semester offered: 1, 3 (GP2)

► GSN447 STRATEGIC INTERNET MARKETING 1
Strategic Internet Marketing 1 is the first of two half-semester units focussing on Internet marketing. The rapid expansion of electronic commerce with the widespread acceptance of Internet technologies has inevitably led to its use by marketing professionals. Strategic Internet Marketing 1 is primarily issues based and assumes a good working knowledge of both marketing and electronic commerce.
Courses: GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92
Prerequisites: GSN402 & GSN418
Credit points: 6 **Contact hours:** 3 per week
Campus offered: GP
Semester offered: 1, 2, 3 (GP1)

► GSN448 STRATEGIC INTERNET MARKETING 2
Strategic Internet Marketing 2 focuses on the practical implications of the issues and concepts discussed in Strategic Internet Marketing 1. It explains how the basic tools of marketing are applied in the online environment. Specifically it will address issues relating to pricing including both monetary and non monetary costs to the consumer, the Internet as part of the promotional mix and a promotional medium, an evaluation of product types most suited to Internet marketing and the value of the Internet as a distribution channel.
Courses: GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92
Prerequisites: GSN447
Credit points: 6 **Contact hours:** 3 per week
Campus offered: GP
Semester offered: 2 (GP2)

► GSN449 PUBLIC SECTOR & SOCIAL MARKETING 1
Marketing has rapidly expanded its application over recent years from being a primarily commercial practice, to being used to increase the effectiveness and efficiency of a range of non-commercial activities. In particular, over the past decade marketing has been adopted by government agencies world wide to improve service standards and communicate with key audiences. This unit examines the problems and issues associated with the application of marketing concepts and techniques to the social, not for profit and public sectors focussing in particular on service delivery and the use of social marketing to facilitate social and individual change.
Courses: GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92
Prerequisites: GSN408 & GSN418
Credit points: 6 **Contact hours:** 3 per week
Campus offered: GP
Semester offered: 1, 3 (GP1)

► GSN450 PUBLIC SECTOR & SOCIAL MARKETING 2
This unit applies the theory and models developed in Public Sector and Social Marketing 1 to a range of practical situations.
Courses: GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92
Prerequisites: GSN449
Credit points: 6 **Contact hours:** 3 per week
Campus offered: GP
Semester offered: 1, 3 (GP2)

► 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 political economy. Students are introduced to the key learning objectives through a series of international case studies on the European Union, the North American Free Trade Agreement, the East Asian economic crisis, and the transitional economies in Eastern Europe.
Courses: 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 (GP2)

► GSN452 INTERNATIONAL HUMAN RESOURCE MANAGEMENT
This unit provides students with an understanding of some of the key factors affecting the management of human resources in an international environment. The integrating theme to studying this area of HRM is the management of expatriate managers. The topic is considered from the perspective of the international management generally, through the recruitment and selection of expatriates, their preparation, in-post support and eventual repatriation
Courses: 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 (GP1)

► 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 of health 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 (GP1)

► 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 (GP1)

► GSN456 PERSONAL DEVELOPMENT & ETHICS FOR MANAGERS
This unit provides students with an opportunity to increase their understanding of themselves and how their interactions with others impact on their effectiveness as managers in a global environment. This unit also provides a framework of basic principles for ethical decision-making. The roles of the individual and ethics in business decision-making are explored through the use of international case studies. Students get the opportunity to evaluate, critically, the role of individual behaviour and ethical decision making, from not only a personal career perspective but as determinants of management and business effectiveness in an international context.
Courses: GS10, GS11, GS12, GS13, GS85, GS86, GS87, GS90, GS91, GS92
Credit points: 6 **Contact hours:** 3 per week
Incompatible with: GSN208
Campus offered: GP
Semester offered: 2 (GP2)

► HHB050 MANDARIN FOR CHINESE
Students will receive instructions in listening and speaking Putonghua; reading and writing Pinyin Romonisation; reading and writing simplified characters; learn differences in structure and nuance between their native dialect and Putonghua.
Courses: All
Credit points: 12 **Incompatible with:** HUB450
Campus offered: GP **Semester offered:** 3

► HHB051 INTRODUCTORY MANDARIN 1
This unit introduces students who have little or no prior knowledge of Chinese Mandarin to the four macro skills of listening, speaking, reading and writing through an integrated communicative approach to teaching. Content will include: the Mandarin sound and tonal systems; the Pinyin Romanization system; introduction to Chinese character writing, greetings and introductions; family, identification of nationalities, places and objects, locations and directions.
Courses: All
Credit points: 12 **Incompatible with:** HUB453
Campus 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. While there is further consolidation of a knowledge of the Pinyin Romanization system, greater attention is devoted to the reading and writing of characters. With acquisition of language, students receive further exposure to aspects and characteristics of Chinese culture.
Courses: All
Prerequisites: HUB453 or HHB051
Credit points: 12 **Incompatible with:** HUB454
Campus offered: GP **Semester offered:** 3

► 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 purpose 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 of language proficiency is acquired through the treatment of a wide range of everyday situations set in a Chinese cultural and social context.
Courses: All
Prerequisites: HHB051, HOB052
Credit points: 48
Incompatible with: HUB455
Semester offered: 1

► 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 purpose 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: HUB456
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, HU22, IF43, IF70, IF81, IF82, IF86, IF30, ED50, BS56, SS60
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, HU20, HU22, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60
Credit points: 24 **Incompatible with:** HUB647

► HHB058 IN-COUNTRY STUDY - A
An approved course of study at a designated foreign institution for one semester.
Courses: ED50, HH01,HU20, HU22, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60
Credit points: 48 **Incompatible with:** HUB648

► HHB059 IN-COUNTRY STUDY - B
An approved course of study at a designated foreign institution for one semester.
Courses: HH01, HU22, HU20, IF43, IF70, IF81, IF82, IF86, SS60, IF30
Credit points: 48 **Incompatible with:** HUB461

► 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 HHB065 (for students wishing to take HUB675 French 6 in Semester 2)
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: HUB452
Campus offered: GP **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, ED50, ED51, HH01, HU20, HU22, IF43, IF70, IF81, IF82, IF83, IF84, IF86 IF70, SC30, IF30, SS60
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: HUB670
Campus offered: GP **Semester offered:** 1, 2

► HHB062 FRENCH 2
Aims to give students who have not reached senior or equivalent the grounding necessary for the post-senior course. Videodisc technology using the 'French in Action' method allows students to develop conversational skills, and introduces them to reading and writing.
Courses: BS56, ED50, ED51, HH01, HU20, HU22, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60
Prerequisites: HUB670
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 spontaneity in social conversations, with some work on reading and writing skills. The course encourages students to make contacts in the French speaking community in Brisbane.
Courses: BS56, ED50, ED51, HH01,HU20, HU22, IF43, IF70, IF81, IF82, IF83, IF84, IF86 IF70, SC30, IF30, SS60
Prerequisites: Year 12 French or equivalent
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: HUB672
Campus offered: GP **Semester offered:** 1

► HHB064 FRENCH 4
This course expands on first semester, to allow students to discuss a number of current issues in French society. Magazine articles, news reports, the Internet, videos and a novel develop reading, writing, speaking and listening skills, as well as cultural awareness.
Courses: BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60
Prerequisites: HUB672
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: HUB673
Campus offered: GP **Semester offered:** 2

► HHB065 FRENCH 5
This unit has two components: a) An introduction to Business French. Students work on the skills necessary to the recruitment process; reading job offers, preparation of a CV and so on. b) The study of the French verbal system. Using a feature film on videodisc, students revise and expand their understanding of the French verb system. Skills are put into practice in the writing of a short story.
Courses: BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60
Prerequisites: HUB673
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 video report.
Courses: BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60
Prerequisites: HUB674
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: HUB675
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, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60
Prerequisites: HUB675 (4 or better)
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: HUB678
Campus offered: GP **Semester offered:** 1

► HHB068 FRENCH 8
This unit allows students to play with verbal and non-verbal aspects of French by studying puns; comic sketches; cartoons. Students write and present a short play at the end of the course.
Courses: BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF70, SC30, IF30, SS60
Prerequisites: HUB675
Credit points: 12 **Contact hours:** 2 per week
Incompatible with: HUB677
Campus offered: GP **Semester offered:** 2

► HHB069 FRENCH 9
Advanced French unit available through cross-enrolment at the University of Queensland. See staff for details.
Courses: BS56, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60
Prerequisites: HUB675
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HUB679
Campus offered: UQ **Semester offered:** 2

► HHB070 FRENCH 10
Practical introduction to French-English translation. Available through cross-enrolment in FH306 at the University of Queensland.
Courses: BS56, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60
Prerequisites: HUB675
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HUB731
Campus offered: UQ **Semester offered:** 1

► HHB071 INDONESIAN 1
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 about basic needs in mostly familiar and predictable situations.
Courses: BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: HUB650
Campus offered: GP **Semester offered:** 1

► HHB072 INDONESIAN 2
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 about basic needs in mostly familiar and predictable situations.
Courses: BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60
Prerequisites: HHB071, HUB650 or equivalent
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: HUB651
Campus offered: GP **Semester offered:** 2

► HHB073 INDONESIAN 3
This level advances learners' competence to intermediate level, with some analytical focus on sentence construction and word formation (the affix system). Authentic texts, especially reading materials, are increasingly used during this year, and by the end of the second semester, with the use of a dictionary, students can make good sense of straightforward Indonesian reading material from newspapers, books and magazines. An interview assignment each semester provides opportunities for interaction with native speakers.
Courses: BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60
Prerequisites: HUB651, HHB072 or equivalent
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: HUB652
Campus offered: GP **Semester offered:** 1

► HHB074 INDONESIAN 4
This level advances learners' competence to intermediate level, with some analytical focus on sentence construction and word formation (the affix system). Authentic texts, especially reading materials, are increasingly used during this year, and by the end of the second semester, with the use of a dictionary, students can make good sense of straightforward Indonesian reading material from newspapers, books and magazines. An interview assignment each semester provides opportunities for interaction with native speakers.
Courses: BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60
Prerequisites: HUB652, HHB073 or equivalent
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: HUB653
Campus offered: GP **Semester offered:** 2

► HHB075 INDONESIAN 5
At this level students view weekly audio-visual (tape-slide and video) programs produced in Indonesia for local consumption. Conversation, reading and writing classes reinforce and extend students ability to communicate on a range of everyday topics relevant to modern Indonesian society. Students give weekly classroom presentations in the language.
Courses: BS56, ED50, ED51, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60
Prerequisites: HUB653, HH074 or equivalent
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: HUB654
Campus offered: GP **Semester offered:** 1

► HHB076 INDONESIAN 6
At this level students view weekly audio-visual (tape-slide and video) programs produced in Indonesia for local consumption. Conversation, reading and writing classes reinforce and extend students ability to communicate on a range of everyday topics relevant to modern Indonesian society. Students give weekly classroom presentations in the language.
Courses: BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60
Prerequisites: HUB654, HHB075 or equivalent
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: HUB655
Campus offered: GP **Semester offered:** 2

► HHB077 INDONESIAN 7
At this level students are comfortable in using authentic Indonesian source materials dealing with a range of sophisticated and complex issues. Students have the opportunity to pursue in some depth topics of special interest and relevance to their individual vocational, career or research needs.
Courses: BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60
Prerequisites: HUB655, HHB076 or equivalent
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: HUB656
Campus offered: GP **Semester offered:** 1

► HHB078 INDONESIAN 8
At this level students are comfortable in using authentic Indonesian source materials dealing with a range of sophisticated and complex issues. Students have the opportunity to pursue in some depth topics of special interest and relevance to their individual vocational, career or research needs.
Courses: BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60
Prerequisites: HUB656, HHB077 or equivalent
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: HUB657
Campus offered: GP **Semester offered:** 2

► HHB081 JAPANESE 1
Conversation and listening skills are developed using communicative methodology. Students study controlled natural language in authentic cultural settings using interactive videodisc programs. The hiragana and katakana scripts are taught from the outset and a total of 175 kanji are introduced.
Courses: BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: HUB660
Campus offered: GP **Semester offered:** 1, 2

► HHB082 JAPANESE 2
Conversation and listening skills are developed using communicative methodology. Students study controlled natural language in authentic cultural settings using interactive videodisc programs. The hiragana and katakana scripts are taught from the outset and a total of 175 kanji are introduced.
Courses: BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60
Prerequisites: HUB660, HHB081 or equivalent
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: HUB661
Campus offered: GP **Semester offered:** 2, 3

► HHB083 JAPANESE 3
Begins with a review segment to consolidate skills of students as they merge from introductory units and school studies. Language skills are developed through a combination of communicative classroom activities and interactive videodisc based computer programs. 150 additional kanji are introduced and cultural aspects are integrated.
Courses: BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60
Prerequisites: HUB661, HHB082, Year 12 Japanese or equivalent
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: HUB662
Campus offered: GP **Semester offered:** 1

► HHB084 JAPANESE 4
Students learn to express themselves on a variety of social and cultural topics. An additional 150 kanji are introduced and the use of computer programs is encouraged to reinforce kanji knowledge. Videodisc-based programs extend the ability to comprehend natural language in authentic cultural settings.
Courses: BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60
Prerequisites: HUB662, HHB083
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: HUB663
Campus offered: GP **Semester offered:** 2

► HHB085 JAPANESE 5
The videodisc series is completed in this unit, incorporating the whole range of grammatical structures used in natural settings. More complex texts expose students to a variety of socio-cultural issues. A further 150 kanji are introduced and students are encouraged to consolidate their skills using the computer programs available.
Courses: BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60
Prerequisites: HUB663 or HHB084
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: HUB664
Campus offered: GP **Semester offered:** 1

► HHB086 JAPANESE 6
A television drama series modified for classroom use will be the focus of listening and speaking activities in this unit. Reading/writing skills are extended and a further 150 kanji are introduced. Students are encouraged to consolidate their skills using the computer programs.
Courses: BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60
Prerequisites: HUB664 or HHB085
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: HUB665
Campus offered: GP **Semester offered:** 2

► HHB087 JAPANESE 7
The focus of this unit is the media. Television news and documentary programs of social and cultural interest are made accessible through the use of an interactive CD-ROM. Reading/writing activities focus on newspaper articles. Students should be able to write 1000 kanji by the end of this unit.
Courses: BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60
Prerequisites: HUB665 or HHB086
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: HUB666
Campus offered: GP **Semester offered:** 1

► HHB088 JAPANESE 8
Practical skills for use in a business or other work-related environment are developed. These include writing a CV and letter of application for a job using a Japanese word processor, making phone calls, going for an interview, understanding the structure of Japanese companies, using polite language and presenting a business plan in Japanese. Kanji knowledge is extended beyond 1000.
Courses: BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60
Prerequisites: HUB666 or HHB087
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: HUB667
Campus offered: GP **Semester offered:** 2

► HHB091 GERMAN 1
In this introductory unit, students study authentic material using interactive videodisc technology and communicative class activities to equip them with basic communication skills for everyday use and for some workplace situations.
Courses: BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: HUB735
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, IF43, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60
Prerequisites: HUB735, HHB091 or equivalent
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: HUB736
Campus offered: GP **Semester offered:** 2, 3

► HHB093 GERMAN 3
Consolidates speaking, listening, reading and writing skills using authentic video, interactive computer exercises, classroom communication activities, and written language and grammar assignments. Topics promote socio-cultural awareness and cover several areas of business and workplace language use.
Courses: BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60
Prerequisites: HUB736 or HHB092
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: HUB737
Campus offered: GP **Semester offered:** 1

► HHB094 GERMAN 4
Central to this unit are videodiscs relating to the events of 1989 and their consequences for German society. There is an increasing emphasis on writing skills and the expansion of the social and linguistic skills necessary in a German-speaking workplace.
Courses: BS56, ED50, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60
Prerequisites: HUB737, HHB093 or equivalent
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: HUB738
Campus offered: GP **Semester offered:** 2

HHB095 GERMAN 5
Develops linguistic competence to a higher level through intensive study of syntax and vocabulary expansion exercises. More complex texts found in German work environments are analysed and students are introduced to German post-war cultural history through a variety of more demanding literary texts.
Courses: BS56, ED50, ED51, HH01, HU20, HU22, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF70, IF30, SS60
Prerequisites: HUB738, HHB094 or equivalent
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: HUB739
Campus offered: GP **Semester offered:** 1

► HHB096 GERMAN 6
Two streams: (1) Students expand their knowledge of German culture through legends, fairytales, songs and news broadcasts on interactive CD ROMS. (2) Study of German texts relating to business and the professions.
Courses: BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60
Prerequisites: HUB739, HHB095 or equivalent
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: HUB740
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
Prerequisites: HUB740, HHB096 or equivalent
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: HUB741
Campus offered: GP **Semester offered:** 1

► HHB098 GERMAN 8
Students continue their journey in German literature but explore different genres. Computer and technology applications, tools and terminology increase competencies in this area.
Courses: BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF39, IF70, SC30, IF30, IF43, IF70, IF81, IF82, IF30, IF86, SS60
Prerequisites: HUB741, HHB097 or equivalent
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: HUB742
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 state. It examines both the history, and global and national forces, which shape the current direction of welfare policy and the human service industry. The purpose of human service work and the various roles a human service worker may undertake or utilise will be explored. The unit challenges students to reflect on their own understandings of human services and human service work, and provides a foundation for detailed study in later years of the course.
Courses: HH02, SS60
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HSB110
Campus offered: CA **Semester offered:** 1

► HHB102 THE HUMAN CONDITION
This unit introduces students to a range of individual, familial and social conditions that impact on the lives and lifestyles of Australians. Attention is directed toward the impact of factors such as age, ability, gender, culture and class, and the identification and exploration of key processes in human growth and development. Students become informed about theories from a range of disciplines and develop a critical and reflective approach to understanding human development. By examining how societies define and respond to human need and adversity students develop a framework for examining the dynamic interaction of individual, interpersonal and social forces.
Courses: HH02
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HSB121
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 and descriptive framework thus providing students with both knowledge and analytical skills that are necessary for the ongoing exploration of social issues. It explores the connection between forces at a macro level and human disadvantage and examines the value assumptions that sustain structural inequity. It encourages students to reflect on the implications of structural disadvantage for human service practice and the role of the human service worker as a participant in civil society.
Courses: HH02
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HSB122
Campus offered: CA **Semester offered:** 2

► HHB104 UNDERSTANDING SOCIETY: INTRODUCTION TO SOCIOLOGY
This unit introduces students to the way sociology approaches the understanding of the social world in general and Australian society in particular. The following important issues will be covered throughout the semester. Firstly, students will learn about the role and significance of sociology and sociological knowledge. The development of sociology and sociological knowledge will be outlined and students will learn about the major sociological themes and authors. Secondly, the importance and placement of sociology in the context of social science will be discussed. Thirdly, students will learn how to understand and utilize some of the central sociological concepts such as class/status, sex/gender, and race/ethnicity. It is essential that social science students have a good grasp of these concepts. Last but not least, the aim of this unit is to broaden your knowledge and to contribute to your skills as social scientists.
Courses: PU49, SS60, HH01, HU20, HU22, ED50, IF30, IF36, IF43, IF70, IF81, IF82, IF86
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HHB120
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 organised around exercises that encourage you to place your personal experiences in the context of a bigger picture of societal, interpersonal and environmental change. The unit also introduces the conceptual analytical, information retrieval, problem-solving and communication skills that form the basis of the society and change major. The three themes in the society and change major are: Societies in Transition, Environment, Society and Change and The Individual and Society. 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: HUB146
Campus offered: CA **Semester offered:** 2

► HHB106 AUSTRALIAN SOCIETY AND CULTURE
Historical, political, economic and cultural information about Australia and Australians; egalitarianism; religion, frontiers and rural Australia; the historical and future role of technology in Australia.
Courses: ED50, HH01, HU20, HU22, IF36, IF43, IF70, IF30, IF81, IF82, IF86, SS60
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HUB600
Campus offered: CA **Semester offered:** 1

► HHB107 WORLD REGIONS
Overview of world regional geography. It highlights key themes in both physical and human geography within specific regions, such as human-environment interactions; resource management; natural hazards; population and culture; and economic development.
Courses: ED50, HH01, HU20, HU22, IF70, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HUB202
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, encyclopaedia, documentaries, museums, galleries and national celebrations is contested, uncertain,

and controversial. Who should tell history, what should be told and what should be left out are hotly debated. History is no longer dominated by celebratory, chronological narratives. Multidisciplinary approaches, alternative viewpoints and a wide range of media are now used to project private, family, community and national myths and stories. Current Australian historical studies, research and teaching reflect these uncertainties.
Courses: HH01
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 important perspectives in understanding international and global social change. Students will identify trends in globalisation from historical and theoretical frameworks, analyse regional trends and issues, and investigate the workings of significant international organisations and operations. In this unit students will develop research and communication skills in print and electronic media.
Courses: HH01, HU20, HU22, SS60, IF30, IF36, IF43, IF70, IF81, IF82, IF86
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HUB221
Campus 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 work, live and relate to each other in societies and cultures. To be 'globally literate' means to critically engage with the concepts and issues of contemporary social change. This unit provides students with opportunities to investigate and analyse these issues, their opportunities and their impacts and to develop skills in analysis, research and reporting, and on-line discussions.
Courses: HH01, HU20, HU22, 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, HU20, HU22, IF36, ED50, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HUB694
Campus offered: CA **Semester offered:** 2

► HHB113 INTERPERSONAL COMMUNICATION
Introduces skills and processes of interpersonal relating as modified by culture, gender and power. Microskills are developed including building rapport, reflective listening questioning to understand, facilitate and advocate for clients of human services. Interviewing skills and skills in group communication are highlighted. Collaborative models are emphasised and special application includes third party involvement in communication
Courses: HH02, SS60
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: PYB052, HSB052
Campus offered: CA **Semester offered:** 2

► HHB114 INTRODUCTION TO HUMAN RIGHTS AND ETHICS
This unit locates human rights in a broad political, legal, social, cultural and economic context. The unit draws on a number of academic disciplines. It consistently connects academic considerations to contemporary international, regional and national human right events. Thus, students may examine human rights in particular countries, explore topics such as child soldiers and trafficking and investigate thematic issues concerning the human rights of women, children and indigenous peoples. Extensive use is made of the Internet and media. Assessment options allow students to present work in a variety of forms.
Courses: HH02
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HSB002
Campus offered: 1, 2
Semester offered: 1 (CA), 2 (GP)

► 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, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HUB601
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 a range of topics 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, HH02, HU22, 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 METHODS
Part of human service work involves the capacity to analyse, critique, and understand the logic and relationship to practice of research findings. The emphasis of the unit is on becoming a good consumer of research through the adoption of a critical approach to the reading and utilisation of research. This unit is also designed to develop basic research skills and to prepare students for post-graduate research. Social scientific knowledge, its uses and ethical implications in the human service context; research designs and methodologies, data collection techniques are discussed.
Courses: HH02, HH01, HU22, SS60, IF43, IF70, IF81, IF82, IF86, IF30
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HSB222
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 groups: those constituted by the law and those constituted by ethics. This unit has been designed to provide for nursing students and practitioners an opportunity to develop a reflective understanding of the place of law and ethics in nursing and a professional awareness of current legal statutes and ethical discussions as they apply to nursing practice.
Courses: NS40, NS48
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 questions of evidence and interpretation. Investigates from a critical perspective the status and value of historical knowledge, its construction, dissemination and meaning.
Courses: ED50, HH01, HU20, HU22, HU21, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60
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: ED50, ED51, HH01, HU20, HU22, IF36, IF43, 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 organisational paradigms; organisational cultures and gender; personal skills for human service workers including career, time and stress management; interpersonal skills for working collaboratively and resolving disagreement.
Courses: HH02, HH07
Prerequisites: HSB110, HSB120
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HSB211
Campus offered: CA **Semester offered:** 2

► HHB201 INITIAL PROFESSIONAL PRACTICE
Only enrolled Bachelor of Social Science (Human Services) students can undertake this unit. It provides students with an orientation to the human services industry and the organisational context of practice. A broad range of practice methods and approaches is introduced. Students undertake 200 hours of professional training consisting of an on-the-job, vocationally based experience supervised by an experienced practitioner. Attendance at seven university seminars is also required. The student and their agency supervisor devise an individual learning plan and work performance is assessed on six core competencies. Students assess their own suitability for the different types of human services practice.
Courses: HH02, HH07
Credit points: 24 **Incompatible with:** HSB201
Campus 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 studies and focuses on approaches to supporting families and promoting change. Students gain an overview of issues facing contemporary families that contribute to adversity and examine responses to the welfare needs of children and families, including indigenous families. Students examine characterisations of successful family relationships and causes and effects of domestic violence and child maltreatment. Principles and practices for working with families are discussed with an emphasis on rationales for and strategies associated with family-centred and empowering approaches. Dilemmas associated

with working with children and families facing adversity are examined.
Courses: HH02, HS07, SS60
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HSB214
Campus offered: CA **Semester offered:** 1

► HHB205 CORRECTIVE SERVICES: INTRODUCTION
Introduces students to the development and function of corrective services within the Australian criminal justice system. Examining the history and changing role and functions of prisons, and the emergence of community corrections, the unit assists students in understanding social and philosophical underpinnings about the purpose and function of prisons and community corrections. The unit also examines theories of deviance, and types of offenders.
Courses: HH02, HS07, SS60
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HSB215
Campus offered: CA **Semester offered:** 1

► HHB206 DISABILITY SERVICES: INTRODUCTION
This unit links social justice, human rights and empowerment philosophies underpinning courses in the School. It examines the implications of these broad principles in the lives of people with disabilities. The unit explores the theoretical, social and political frameworks for analysing and understanding disability, the principles underpinning current service provision and their impact on the lives of people with disabilities using the service. Also explored are the cultural values and assumptions about disability, and the processes by which these values are translated into human service activity. Finally, the unit examines individual program planning and skill development practices.
Courses: HH02, HS07, SS60
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HSB216
Campus offered: CA **Semester offered:** 1

► HHB207 SERVICES TO YOUNG PEOPLE: INTRODUCTION
This unit provides an introduction to human services practice with young people. It gives students an overview from both theoretical and operational perspectives. The various theoretical and popular understandings about 'youth' or 'adolescence', which condition human services provision to young people, will be critically explored. Diversity and marginalisation amongst young people in relation to socio-economic status, gender, race and ethnicity, disability, sexual identity, and geographic location will be examined. The unit then briefly overviews contemporary policies, services, and practice frameworks oriented to young people in respect of family, health, juvenile justice, accommodation, recreation/cultural life, housing, secondary education, vocational training and the labour market.
Courses: HH02, HS07, SS60
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HSB217
Campus offered: CA **Semester offered:** 1

► HHB210 INDIGENOUS AUSTRALIA: COUNTRY, KIN & CULTURE
This unit will build upon student's prior study of life in Indigenous communities. It aims to expand understanding of issues of importance to Indigenous people and to relate those issues to the practices in human service agencies. The Oodgeroo staff and leaders from the Indigenous community will work with staff from the School of Human Services in presenting this unit. Though no prerequisite unit is required it is strongly recommended that students undertake an introductory unit such as HUB703.
Courses: HH01, HS07
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HSB233
Campus offered: CA **Semester offered:** 1, 2

► HHB211 CASEWORK AND CASE MANAGEMENT
Casework and case management are the predominant human services practice methods and involve a range of processes and skills to ensure that service outcomes are effective and efficient. This unit compares and contrasts casework and case management strategies and approaches across a variety of practice contexts and scenarios. Students explore and analyse primary skills, tasks and roles including assessment, referral, brokering, review, advocacy, record keeping and workload management. Key learning strategies include problem based learning and the review, design and modification of a case management system for a particular practice context. Assessment is a scenario based exam and project paper.
Courses: HH02, HS07
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HSB230
Campus offered: CA **Semester offered:** 2

► HHB212 COMMUNITY WORK
Community work as a distinct intervention skill is defined. The background to community work in Australia. Models of community work are introduced and analysed. Basic skills and techniques are developed: entering a community; building community involvement; developing community action; managing common problems.
Courses: HH02, HS07
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HSB320
Campus offered: CA **Semester offered:** 1

► HHB213 SOCIAL POLICY PROCESSES
Conceptualising economic, structural change in Australia: understanding emergent ideas about state and society; identifying and contrasting alternative social policies and strategies. The major debates in Social Policy will be explored. Analyses of Australia's response and the impact on redistribution in the Welfare State. Current analyses of health, housing, income security, immigration and family policies at federal, state and local government level.
Courses: HH02, HS07
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HSB231
Campus offered: CA **Semester offered:** 2

► HHB214 GROUP AND TEAM PRACTICE
A significant methodology used in human service work involves facilitating, supporting or consulting with various groups of people. This unit focuses on the development of skills to utilise this type of intervention appropriately. The unit aims to provide a basic understanding of the various uses to which group processes may be applied. Group work is located as an intervention process within the human service arena as distinguished from other processes at individual, community and societal level.
Courses: HH02, HS07
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HSB232
Campus offered: CA **Semester offered:** 2

► HHB215 CRISIS AND CONFLICT RESOLUTION
This unit identifies the physiological, psychological and social impacts of human crises and interpersonal conflict. It further aims to provide students with an understanding of such crises on individuals, social units and communities, and to prepare students for professional roles involving responses to crises services. It assists students to develop specific intervention skills for professional practice in a variety of settings requiring crisis intervention, family mediation, dispute resolution, grievance hearings, and critical incident debriefing skills.
Courses: HH02, HS07
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HSB234
Campus offered: CA **Semester offered:** 1

► HHB216 THE HUMAN DIMENSIONS OF SPACE
This unit is a component of the Community Studies major and will cover the role of space in contemporary societies; key types of spaces and patterns in their usage; spaces as sites for cultural and symbolic expression; understanding the way inequality can and is reproduced through the configuration and management of space; understanding of the way particular public spaces are used and experienced by particular sections of the community e.g. young people; key issues in public space configuration, management and policy eg. enhancing social inclusion, safety and security, links between the economic and social, new urbanism; emerging theory and ideas about good practice in the development or reconfiguration of public and community accessed public spaces to achieve improved community outcomes.
Courses: HH01
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HSB235
Campus offered: CA **Semester offered:** 2

► HHB220 INTERVENTION THEORIES AND METHODS
Sound human services practice involves the assessment of complex social and client issues and the application of relevant theories and practice frameworks to implement effective change strategies and processes. In this unit students apply and integrate theory with practice realities and dilemmas. Problem based learning is a major feature along with exploration and analysis of relevant theoretical perspectives and models. Students are assisted toward the development of their initial framework for human services practice. The influences of ideologies, values, ethics, cultural diversity and practice contexts upon service delivery options are explored. Assessment includes an oral presentation and two exams.
Courses: HH02, HS07
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: HSB218
Campus offered: CA **Semester offered:** 1

► HHB221 INTERVENTION PROCESSES AND ETHICS
This unit focuses on knowledge and skills for human services practice. Its particular focus is enabling students to apply core human services processes (such as engagement, assessment, intervention, case management, closure), and to develop skills in considering the ethical and cultural dimensions of human service practice. Critical examination of these will further assist students in the ongoing development of their own practice framework especially in respect of the dynamic interplay between personal and professional influences. The unit plays an important role in preparing students to undertake their Professional Practice Placement in third year.
Courses: HH02, HS07
Prerequisites: HSB218
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HSB228
Campus offered: CA **Semester offered:** 2

► HHB222 HUMAN SERVICE PRACTICE: LEGAL DIMENSION
This unit focuses on the connection between the law, judicial and legal systems, and human service practice. It provides a detailed description of the legal, criminal and judicial systems and processes in Australia and Queensland. It includes a critical analysis of the relationship between the law and justice exploring the notion of law as a social construct reflecting differentials in power. Throughout, an emphasis is placed on those aspects of law and legal processes that have particular application for human services and human service practice.
Courses: HH02, HS07
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HSB 229
Campus offered: CA **Semester offered:** 2

► HHB224 QUALITATIVE RESEARCH METHODS
Introduces students to the logic/s, techniques and contributions of qualitative methods. First, it focuses on the processes and logics involved in qualitative research, paying particular attention to theory construction, the inductive method and issues of reliability and validity. The unit looks at these processes with respect to the contribution and logic of the qualitative case study. Students will then acquire both conceptual and hands on skills in the application of a number of qualitative research techniques. These include ethnography and observational methods, accessing documents through internet search techniques and some approaches to analysing them,

the analysis of spoken interaction through conversation analysis and Goffman's concept of footing, and techniques for conducting and analysing qualitative interviews.
Courses: HH01, PY07, SS60, HU20, HU22, IF30, IF36, IF43, IF70, IF81, IF82, IF86, ED50
Prerequisites: SSB969 or HUB133
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HUB140
Campus offered: CA **Semester offered:** 1

► HHB225 POLITICAL SOCIOLOGY
This unit examines a variety of sociological themes that might broadly be termed political. Central to the unit will be an examination of sociological conceptions of power. Typically, sociologists have examined power in connection with the state; power has frequently been regarded as flowing from the state. We shall examine these debates, and move on to recent theorisations that have begun to detach power from the state. We shall take some case studies to make these distinctions clearer, including the construction of an Australian administrative elite, the notion of police in seventeenth and eighteenth century Europe, and the compulsory education as the sphere of the reproduction of social relationships.
Courses: HH01, HH03, HU22, SS60, HU20, IF30, IF36, IF70, IF81, IF82, IF86
Prerequisites: Nil **Corequisites:** Nil
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HUB134
Campus offered: CA **Semester offered:** 2

► HHB226 CONSUMING CULTURES
Consumption is usually understood in economic terms as the 'flip-side' to production. However, the act of consuming can also be considered as a practice that has particular cultural/social connotations. Additionally, while the social relations of consumption and the way in which consuming practices are read culturally are often understood in local or community terms, much contemporary debate centres on the implications of globalisation in the (re)formulation of cultures and cultural values. For example, does globalisation and its associated mass production of goods and services imply increasingly homogenised consumer cultures or are there other processes at work that act to challenge or unsettle such homogenising tendencies? Are the forces of globalisation more unstable and diverse than previously imagined? Might globalised digital networks act to refashion consumer cultures in more ecologically sustainable ways? How are the new global virtual consumer cultures to be understood? This unit explores some of these issues.
Courses: HH01, HU22, SS60, IF43, IF30, IF70, IF81, IF82, IF86
Credit points: 12 **Contact hours:** 3 per week
Campus offered: CA **Semester offered:** 2

► HHB227 ENVIRONMENT AND SOCIETY
A geographical, systems approach to investigations of the natural and social environments, and human-environmental interactions. The emphasis is on explaining spatial patterns and variability in social and natural landscapes through the understanding of physical, social and cultural processes and systems at regional and local spatial scales. Through practical sessions, the acquisition of basic geographical field and mapping skills is fostered.
Courses: ED50, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HUB201
Campus offered: CA **Semester offered:** 1

► HHB228 ENVIROMENTAL HAZARDS
The nature of hazard, risk and disaster; origins of hazards; nature of disaster; influences on the perception of risk; disaster prediction, preparation, response and recovery strategies.
Courses: ED50, HH01, HU20, HU22, IF70, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HUB207
Campus offered: CA **Semester offered:** 2

► HHB229 WINDOWS ON JAPAN
The focus of this unit is contemporary Japan and Japanese people. Topics include a geographical overview of Japan, its natural resources and population; contemporary political, social and environmental change; Japan's role in the Asia Pacific region.
Courses: ED50, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60
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 ideology, old and new political values, support for minor political parties, political campaigns and political issues, party leaders and local candidates, connections between elite and mass political behaviour and political participation.
Courses: SS60, HH01, HU22, HU20, IF30, IF36, IF43, IF70, IF81, IF82, IF86
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 patients, nurses and doctors), theories of disease causation, and relationships in illness situations and illness behaviours. Covers sociology of the body including exploration of the experience of illness and professional practice from the patient's perspectives. Influence of gender, age, ethnicity, social class and disability in their experience. Importance of social and cultural approach to environmental health issues.
Courses: SS07, HH01, HU20, HU22, SS60, NS40, NS48, IF30, IF36, IF70, IF81, IF82, IF86
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 surveys and then introduces students to the basics of how to analyse survey data once they have been collected. No prior knowledge of or experience with survey research or statistics is assumed.
Courses: SS07, SS60, HH01, HU20, HU22, IF30, IF36, IF43, IF70, IF81, IF82, IF86
Prerequisites: HUB120, HHB104 or SSB000
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 feminist perspectives for research strategies will be considered with reference to feminist philosophers of science and metatheorists such as Sandra Harding and Dorothy Smith.
Courses: SS07, SS60, HH01, HU22, HU20, IF30, IF36, IF43, IF70, IF81, IF82, IF86
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HUB131
Campus offered: CA **Semester offered:** 1

► HHB234 SOCIOLOGICAL THEORY
Examines the relationship between sociological theories and sociological analysis. It covers a range of theoretical approaches and looks at their application in specific case studies. Students are encouraged to see the social world as an explorable milieu 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, Georg Simmel, Max Weber and Emile Durkham, as well as many
contemporary authors.
Courses: SS07, HH01, HU20, HU22, SS60, IF30, IF36, IF43, IF70, IF81, IF82, IF86
Prerequisites: HUB120 or HHB104
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HUB133
Campus offered: CA **Semester offered:** 1

► HHB236 VIRGINS, SAINTS & SINNERS: SOCIOLOGY OF RELIGION
This unit explores the role that religions and various forms of spirituality play in contemporary social processes. It will discuss how religious movements are gaining instead of losing social significance (e.g. religious fundamentalisms) and explain why and how they are diversifying. Students will be given insights into a variety of themes, including new religious movements, civil religion, sex and Christianity, the ideas of sin, apocalypse, and many more. Religious phenomena will be explored in a manner sensitive to believers but also in a critical, relativist and value-neutral fashion.
Courses: HH01, HU20, HU22, SS60, IF36, IF43, IF70, IF30, IF81, IF82, IF86
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HUB145
Campus offered: CA **Semester offered:** 1

► HHB238 ASIAN CULTURES AND SOCIETIES
This is an introductory survey of Asian societies and cultures. It presents the diverse array of cultures, languages and peoples that comprise the many identities of the Asia Pacific region. It aims to introduce students to the environment, the cultures, and the societies of the Asia Pacific at the current time. Focus 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, historical and cultural links with Australia. In this introductory unit on Korea, students will examine the histories, culture and societies of South and North Korean, with foundations in pre-modern history and the philosophies of shamanism, Taoism, Buddhism and Confucianism. The unit will examine the experiences in Korea of colonialism, communism and modernization. Students will critically evaluate contemporary politics, society and social relations in Korea, the impacts of globalisation and Korea's place in regional and world affairs.
Courses: HH01, HU20, HU22, SS60, IF36, IF43, IF70, IF81, IF82, IF86, IF30
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 the causes and forms of crime and deviance, and the unit will give students some of the theoretical and methodological skills necessary to collect, interpret and evaluate information about crime and deviance. While this unit is offered as an elective in the sociology major, it deals with one of the core concerns in sociology. It is extremely useful for students for a variety of career options (policing, corrections, social policy, private security, etc.). It is intended to be a relevant unit for students studying in other Humanities and Social Science majors, especially Politics, Ap-

plied Ethics, Gender Studies, Human Services and Psychology.
Courses: HU20, HU22, HH01, SS60, HH03, IF43, IF36, IF30, IF81, IF82, IF86
Prerequisites: Nil **Corequisites:** Nil
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HUB150
Campus offered: CA **Semester offered:** 2

► HHB245 AUSTRALIA AND THE SOUTH PACIFIC
Critical analysis of the history of Australian bilateral and multilateral links with the Pacific islands region, including Pacific frontier theory, sub-imperialism, colonial rule and contemporary dialogue over aid, trade, regionalism, defence, cultural exchange and migration.
Courses: HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF86, SS60
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HUB627
Campus offered: CA **Semester offered:** 1

► HHB248 THE USA AND THE ASIA PACIFIC REGION
Despite claims that it was not a colonial/imperial power, the USA had extensive territories - Hawaii, Philippines, Samoa, Micronesia - and historically was active in China, Vietnam, Korea, and Taiwan and was the occupation force in post-war Japan. How did the USA acquire this interest in the Asia-Pacific, how was it administered and why did the USA withdraw? How did Asia-Pacific peoples react to USA control? What role did Asia play in the USA's concept of their Manifest Destiny, the Open Door policy, the Nixon Doctrine and the Cold War? How is the USA situated now in Asia-Pacific? This unit addresses these questions from a global, regional and historical perspective.
Courses: HH01, HU22, SS60, IF30, IF43, IF70, IF81, IF82, IF86
Credit points: 12 **Contact hours:** 3 per week
Campus offered: CA **Semester offered:** 2

► HHB249 SOCIAL MOVEMENTS IN AUSTRALIA
New social movements in Australia since the 1960s; includes green, women's, peace, indigenous and Third World development movements; comparison with overseas and old social movements.
Courses: ED50, HH01, HU20, HU22, SS13, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF70, IF30, SS60
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HUB682
Campus offered: CA **Semester offered:** 1

► HHB250 AUSTRALIAN GEOGRAPHICAL STUDIES
The unit systematically describes and explains the geography of Australia by analysing the distinctive spatial patterns and processes that constitute the Australian landscape. Topics include: the state of the environment, land-use patterns, the rural crisis, settlements and cities, population and societal change, and economic/regional development. Emphasis is on contemporary, issue-based themes.
Courses: ED50, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HUB683
Campus offered: CA **Semester offered:** 1

► HHB251 AUSTRALIAN RESOURCE MANAGEMENT
Describes the principles of Ecologically Sustainable Development and environmental resource management and outlines their practical applications to environmental planning, development and conservation issues in Australia. Institutional, political, social, economic and technological processes affecting environmental resource management are critically discussed with examples drawn from contemporary Australian experiences.
Courses: ED50, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HUB685
Campus offered: CA **Semester offered:** 2

► HHB253 CONSPIRACY AND DISSENT IN AUSTRALIAN HISTORY
Case studies reflect conspiracies as well as protest movements in nineteenth and twentieth century Australia; includes nineteenth century land grab conspiracies; Aboriginal resistance; the Petrov affair; the 1975 Dismissal and the Hilton bombing.
Courses: ED50, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HUB692
Campus offered: CA **Semester offered:** 2

► HHB254 INDIGENOUS AUSTRALIAN CULTURE STUDIES
An appreciation of the two distinct indigenous cultures of Australia; how external forces to Aboriginal and Torres Strait Islander cultures caused social, economic and political changes; traditional family life and organisation.
Courses: ED50, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HUB700
Campus offered: CA **Semester offered:** 1

► HHB255 INDIGENOUS POLITICS AND POLITICAL CULTURE
Examines issues and influences underlying the world of indigenous politics: political representation; land rights; health; education; community development; criminal justice; culture and heritage. An Australian focus with New Zealand and North American comparisons.
Courses: ED50, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HUB703
Campus offered: CA **Semester offered:** 2

► HHB256 EUROPE SINCE 1945
Uses historical and literary perspectives to highlight major themes in the development of European society and culture since 1945.
Courses: ED50, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HUB720
Campus offered: CA **Semester offered:** 2

► HHB259 WAR AND REVOLUTION IN EUROPE 1914-1945
Examines political, social, economic and intellectual developments in Europe from 1914-1945.
Courses: HH01, HU22, HU20, IF30, IF43, IF70, IF81, IF82, IF86, SS60,
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HUB723
Campus offered: CA **Semester offered:** 2

► HHB260 NATIONS AND NATIONALISM IN MODERN EUROPE
This unit selectively examines political, social, economic and intellectual developments in modern Europe from the French Revolution to the era before the Great War of 1914-18.
Courses: HH01, HU22, HU20, IF43, IF30, IF70, IF81, IF82, IF86, SS60
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HUB743
Campus offered: CA **Semester offered:** 1

► HHB262 POLITICAL IDEOLOGIES
The political spectrum of the traditional Left-Right-Centre ideologies including Fascism; Conservatism; Liberalism; Socialism; Communism; Anarchism are discussed, along with cross-spectrum ideologies such as Feminism; Imperialism; Racism; Environmentalism. The course concludes with reference to post-modernist politics and its implications for the traditional ideological spectrum.
Courses: HH01, HU20, HU22, IF36, ED50, IF30, IF70, IF43, IF81, IF82, IF86, SS60
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HUB772
Campus offered: CA **Semester offered:** 1

► HHB263 POLITICS OF GLOBALISATION
Political economy of production; form of economic calculation and theories of value, profit and interest; ownership and control of production in market and non-market situations.
Courses: HH01, HU20, HU22, IF36, ED50, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HUB802
Campus offered: CA **Semester offered:** 1

► HHB264 PUBLIC AND PROFESSIONAL ETHICS
Discusses the ethical dimensions of public and professional life; the ethical rights and responsibilities of the individual citizen and the state within a liberal democracy; the ethical responsibilities of institutional and professional agencies and the roles and ethical responsibilities of individual citizens in such agencies.
Courses: HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HUB751
Campus offered: CA **Semester offered:** 1

► HHB265 THE JUST SOCIETY
Explores the notions of justice and concepts such as equity, justice and concepts such as equity in various ethical and political traditions are applied to recent policy debates about affirmative action, the criminal justice system, political practice, health and the environment.
Courses: HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HUB752
Campus offered: CA **Semester offered:** 2

► HHB266 ETHICAL DECISION MAKING
Examines the ways in which various decision-making practices can be normally grounded; the practical value of such procedures for human transformation and emancipation; the ways in which decision-making practices either sustain or subvert moral communities.
Courses: HH01, HU20, HU22, IF36, IF39, IF43, IF81, IF82, IF83, IF84, IF86, IF30, SS60
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HUB753
Campus offered: CA **Semester offered:** 2

► HHB267 FEMINISM AND ETHICS
Discusses the impact of the feminist movement on ethical and political theory; what does it mean to say the differences between men and women are natural or socially cultivated? What are the normative implications of these differences? What counts as equality between the sexes? Do women think differently about ethical situations than men?
Courses: HH01, HU20, HU22, IF36, IF43, IF81, IF82, IF83, IF84, IF86, IF30, SS60
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HUB754
Campus offered: CA **Semester offered:** 2

► 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 of others as well as themselves.
Courses: HH01, HU20, HU22, IF36, IF43, IF81, IF82, IF83, IF84, IF86, IF30, SS60
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HUB755
Campus offered: CA **Semester offered:** 1

► 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; ethical aspects of issues such as genetic engineering, free-riding problems with 'caring for' the environment, human obligations toward non-human animals, whether wilderness areas have value independent of their value to humans, and whether a proper concern for the environment requires a new 'environment or ecological ethic'.

Courses: HH01, HU20, HU22, IF36, IF43, IF81, IF82, IF83, IF84, IF86, IF30, SS60
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HUB757
Campus offered: CA **Semester offered:** 2

► HHB270 GENE TECHNOLOGY AND ETHICS

Gene technology is poised to revolutionise science, technology, the practice of medicine, and the global economy. Social and public policies must keep up with the science and with public sentiments. Ethical inquiry must identify acceptable rules of public conduct. Processes are called for to balance the vastly divergent perspectives and interests. The introductory unit mirrors the interdisciplinary nature of gene technology and is open to students from all faculties. The unit will discuss the nature of ethics and gene technology. It will present select topics of relevance to medical genetics, the environment and the biotechnology industry. Finally, it will discuss Federal and State Government Policy and Strategy.
Courses: All courses
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HUB831
Campus offered: CA, GP **Semester offered:** 1

► HHB274 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 system 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: HSB003
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, cultural, and indigenous perspectives. It critically reviews the effectiveness of the domestic human rights system in the protection, promotion and realization of civil, political, economic, social, cultural, and 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: HSB005
Campus offered: CA **Semester offered:** 2

► HHB300 CURRENT DEVELOPMENTS IN HUMAN SERVICES

This unit identifies major forces influencing the direction and nature of the welfare state. It explores the impact of change in welfare state for the contemporary human service industry. The unit identifies emerging trends in human service organisation and delivery and examines the implications for human service practitioners, service providers, and consumers.
Courses: HH02, HS07
Credit points: 12 **Contact hours:** 2 week block
Incompatible with: HSB300
Campus offered: CA **Semester offered:** 2

► HHB301 ADVANCED PROFESSIONAL PRACTICE

Only enrolled Bachelor of Social Science (Human Services) students can undertake this unit. Students prepare for employment by developing and refining their assessment and intervention skills while undertaking a 400 hour vocationally based practice experience supervised by an experienced practitioner. Demonstrated sound and ethical practice abilities are expected of students during an intensive exposure to a range of practice methods, issues and dilemmas. Students and their agency supervisor devise a learning plan, which assesses work performance in six core competencies and a flexible assessment item. Students attend university workshops and complete university requirements including a job application and reflective assignment.
Courses: HS07
Prerequisites: HSB201, HSB218, HSB228, HSB211, HSB229
Credit points: 36 **Incompatible with:** HSB301
Campus offered: CA **Semester offered:** 2

► HHB303 AGED SERVICES: ADVANCED

This unit builds on the knowledge, skills and abilities developed in Aged Services: Introduction. Issues around the health and wellness status of older people are explored and there is an emphasis on investigation and addressing the needs of this group as they grow older in the Australian environment. Specific issues to be discussed include: health behaviours, physical changes associated with ageing, nutrition, physical exercise, sexuality, substance abuse, dementia, caregiving and advocacy.
Courses: HH02, HS07, SS60
Prerequisites: HSB213
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HSB323
Campus offered: CA **Semester offered:** 1

► HHB304 CHILD AND FAMILY SERVICES: ADVANCED

Work with disadvantaged parents, foster carers and adoptive parents; human services responses by women; parents and women's participation in services; service characteristics consistent with user rights, empowerment and social justice; parents and families involuntarily receiving services; application of skills in ethical decision-making, policy development, interpersonal processes and group work.
Courses: HH02, HS07, HH03, SS60
Prerequisites: HSB214
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HSB324
Campus offered: CA **Semester offered:** 1

► HHB305 CORRECTIVE SERVICES: ADVANCED

Designed to enhance students' knowledge and understanding of contemporary issues currently facing corrective services based on analysing the student's field education experiences. From this understanding students will be assisted in developing their critical thinking and problem solving skills, and undertake strategies to prepare for employment opportunities in corrective services.
Courses: HH02, HS07, HH03, SS60
Prerequisites: HSB215
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HSB325
Campus offered: CA **Semester offered:** 1

► HHB306 DISABILITY SERVICES: ADVANCED

This unit builds on concepts and issues introduced in the Disability Services: Introduction unit and is designed to promote understanding of the knowledge required to undertake policy and service development activities within the disability sector. It explores the range of service models relevant to people with a disability across their lifespan. Additionally, it examines the quasi-legal and policy aspects of working in disability service organisations, along with some of the ethical dilemmas inherent in human service provision with particular relevance to people with a disability.
Courses: HH02, HH03, HS07, SS60
Prerequisites: HSB216
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HSB326
Campus offered: CA **Semester offered:** 1

► HHB307 SERVICES TO YOUNG PEOPLE: ADVANCED

Many of the positions available in the human services industry and oriented to young people, require specific knowledge, skills and understandings. This unit will involve an in-depth exploration of contemporary and emerging areas of direct and indirect practice with young people. Included are early intervention and prevention, youth policy analysis and development, juvenile justice practice, youth and family work, youth health practice, public space practice, accommodation and housing practice, and the interface between human services practice and schools. The unit will also examine the legal and ethical dimensions of direct practice as an integral part of the unit.
Courses: HH02, HH03, HS07, SS60
Prerequisites: HSB227, HSB310
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HSB327
Campus offered: CA **Semester offered:** 1

► HHB310 GLOBALISATION AND SOCIAL THEORY

Examines a range of social theory that has had an increasing impact on sociological work in the last decade or so. The unit will concentrate on the so-called 'post-marxist' tradition (Althusser, Poulantzas, Bourdieu), on poststructuralism and postmodernism (Lyotard, Baudrillard, Derrida, Foucault), on German critical theory (Habermas), and on theories of the breakdown of modernity and the birth of the risk society (Giddens, Beck). This social theory will be introduced with an emphasis on its practical uses for the empirical sociologist.
Courses: HH01, SS07, SS60, HU20, HU22, IF30, IF36, IF43, IF70, IF81, IF82, IF86
Prerequisites: HUB133 or HHB234
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HUB139
Campus offered: CA **Semester offered:** 2

► HHB312 GEOGRAPHICAL RESEARCH DESIGN

The unit develops skills in geographical field techniques and data analysis, and provides a foundation in advanced research design for geographical studies. Information capture and analysis focuses on local-region investigations, and the use of geographical software and databases including resources from the Australian Bureau of Statistics, Bureau of meteorology and local government
Courses: ED50, HH01, HU20, HU22, IF70, IF36, IF43, IF70, IG81, IF82, IF83, IF84, IF86, IF30, SS13, SS60
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HUB688
Campus offered: CA **Semester offered:** 1

► HHB315 SEX AND DRUGS IN SOUTH EAST ASIA

This unit focuses on the social, cultural, economic and political impacts of the drug trade and the sex trade in 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, IF30, IF43, IF70, IF81, IF82, IF86, HH03
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HUB633
Campus offered: CA **Semester offered:** 2

► HHB320 INDEPENDENT PROJECT 1

Designed to develop research and writing skills, and available within the BA degree, enabling students to engage in a small-scale research project.
Courses: HH01, HU20, HU22, SS60, HH03

Credit points: 12 **Incompatible with:** HUB954
Campus offered: CA

► HHB321 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 RESEARCHING 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 off-campus situation in work related to their studies. This unit may be taken over one semester or extended to cover two.
Courses: HH01
Credit points: 24 **Incompatible with:** HUB952
Campus offered: CA **Semester offered:** 1, 2, 3

► HHB400 HUMAN SERVICES RESEARCH THESIS 1-5
This unit involves the design and initial development of the dissertation topic. This includes the literature review. HHB400 4-5 involve further research and completion of 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

► HHB403 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, HU21, 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 design 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, HU21, SS13
Prerequisites: HU20, HU22, SS60, SS13 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, HU21, SS13
Prerequisites: HU20, HU22, SS60, SS07 or equivalent, HUB901 and HUB902
Credit points: 36 **Incompatible with:** HUB903
Campus offered: CA **Semester offered:** 2

► HHB410 LOGIC OF SOCIAL INQUIRY
This unit assists students to address crucial questions of research design and methodology in the formulation and conduct of both qualitative and quantitative research projects. The students are guided through tasks such as identifying the purpose and contribution of their work, designs appropriate for theory construction and theory testing, hypothesis construction, issues and techniques pertaining to operationalising their concepts, and addressing issues of reliability and validity. These are then applied to specific methodologies such as case study, comparative research, experimental research and the analysis of qualitative and quantitative data. Attention is also given to the logic and contribution of conceptual work in the case of theoretical research projects.
Courses: HH31, HH21, HH23, HU21, SS13, PY09, PY20
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: PYB454
Campus offered: CA **Semester offered:** 1

► HHP003 AGED SERVICES - GRADUATE STUDIES
This unit engages students in analysing national and international developments in the broad field of aged services through comparative study of policies, practices and processes. Students will examine issues affecting the well-being of older adults and their families; critically evaluate approaches to services provision for older people and to research in gerontology; and explore a range of impacts on service design and delivery.
Courses: HH30, HH31, HH32, HS13, HS15, HS16
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HSP425
Campus offered: CA **Semester offered:** 2

► HHP004 CHILD AND FAMILY SERVICES - GRADUATE STUDIES
In this unit students conduct a comparative analysis of Australian and international policies, practices and processes in services for children and families and identify the impact of sociocultural, 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

► HHP006 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 arena.
Courses: HH32, HH32, HH30, HS15, HS13, HS16
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HSP426
Campus offered: CA **Semester offered:** 2

► HHP007 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 they know about in order to enhance skill development and transfer, in particular the informed application of research.
Courses: HH32, HH31, HH30, HS13, HS16, HS15
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HSP427
Campus offered: CA **Semester offered:** 2

► HHP011 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 comprehension of the issues, and their implications for the specific domains of service delivery of the proposed research projects and/or areas of interest of participants.
Courses: HH22, HH31, HS14, HS15
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HSP411
Campus offered: CA **Semester offered:** 1

► HHP012 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 and management of governments and community organisations, and in energising and enabling community groups to identify and meet their needs. Underlying this unit is the notion that leadership, as currently conceptualised, is not simply the task of those in positions of responsibility but all involved in the development and delivery of services.
Courses: HH31, HH32, HS15, HS16
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HSP412
Campus offered: CA **Semester offered:** 1

► HHP013 MANAGING HUMAN SERVICE ORGANISATIONS
This unit will create an awareness of the issues and challenges faced by the human service manager and improve knowledge of the functions and techniques of management. As well as developing an understanding of the application of these management techniques to human services, it will recognise the influence between the quality of management and the quality of service provided to service users. It will build competency 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

► HHP015 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 imperatives of understanding performance and accountability between purchasers (governments) and providers (non-state agencies). Contracts are an important part of these changes. To date, there is little experience in the industry of the management of a contract regime or its implications for service delivery outcomes. This unit is designed to convey key skills in managing contracts from both the purchaser and provider side of the equation.
Courses: HH31, HH32, HS15, HS16
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HSP423
Campus offered: CA **Semester offered:** 2

► HHP020 HUMAN SERVICES PRACTICE RELATED RESEARCH 1-2
Students explore an issue from their practice or the field using research and scholarship.
Courses: HH32, HS16
Credit points: 48 (24 each)

Incompatible with: HSP020
Campus offered: CA **Semester offered:** 1

► HLN405 QUALITATIVE RESEARCH
This unit addresses a range of qualitative methodologies and methods that represent alternative approaches to the application of the quantitative paradigm in Health Science research. The predominance of the natural sciences in nursing/health research has come into question in recent times and thus the unit introduces students to the origins of such challenges, to the knowledge bases of the alternative approaches to investigating the microsocial world of health/illness and to the relevant research methods. The unit comprises a series of lectures, seminar presentations and relevant readings.
Courses: HL88, HL50, HL52, HL55, NS85, NS64, PU65, PU69
Credit points: 12 **Contact hours:** 3 per week

► HLN700 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 PU85
Credit points: 48 **Campus offered:** KG, EXT
Semester offered: 1, 2

► HLN701 INDEPENDENT STUDY
Independent Study allows students to study a topic that is not otherwise available as a formal unit. Students have the opportunity to pursue their studies relatively independently and to develop and practice skills in problem identification, evaluation and/or critical thinking. The study may be for example a critical literature review, an examination of guidelines or an evaluation. The process and outcomes are negotiated in a contract with a supervisor.
Courses: HL90 **Credit points:** 12
Campus offered: KG **Semester offered:** 1, 2

► HLN703 PROJECT A
An important aspect of postgraduate development is the opportunity for students to engage in research and/or project work in their specialist field of study in industry or as a component of consultancy work. Working in industry or within a health-related agency locally or internationally can provide students with valuable work experience and develop skills and expertise that advances their profession or the particular industry with which they are involved. The research option in this unit enables students to undertake an independent and original piece of work completed with the guidance of a supervisor. The research work may be a report on research that makes a contribution to knowledge, or a study in which the student critically analyses and appraises existing knowledge and produces observations and conclusions of value to the field concerned.
Courses: HL88 **Credit points:** 24
Campus offered: KG, EXT
Semester offered: 1, 2

► HLN704 PROJECT B
An important aspect of postgraduate development is the opportunity for students to engage in research and/or project work in their specialist field of study in industry or as a component of consultancy work. Working in industry or within a health-related agency locally or internationally can provide students with valuable work experience and develop skills and expertise that advances their profession or the particular industry with which they are involved. The research option in this unit enables students to undertake an independent and original piece of work completed with the guidance of a supervisor. The research work may be a report on research that makes a contribution to knowledge, or a study in which the student critically analyses and appraises existing knowledge and produces observations and conclusions of value to the field concerned.
Courses: HL88 **Credit points:** 24
Campus offered: KG, EXT
Semester offered: 1, 2

► HLN705 INTRODUCTION TO QUANTITATIVE RESEARCH METHODS
The content of this unit emphasises the practical aspects of quantitative research methods, with the aim of exposing students to important concepts in the design of research studies, and in the assessment of the research of others. There is a strong emphasis on applying concepts through critical reading of the literature and the development of a comprehensive research proposal as the main practical exercise.
Courses: HL68, HL88, PU60, PU85
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG **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 discussion of results. Analytical strategies for modelling health data are compared, and practical experience focuses on the analysis and interpretation of various data sets.
Courses: HL68, HL88, PU60, PU85
Prerequisites: HLN705 or PUN105
Credit points: 12 **Contact hours:** 4 per week
Campus offered: KG **Semester offered:** 1

► HLN708 PROJECT
This 48 credit point project extends the range of applied investigative options for the Master of Health Science students to undertake. The project is designed to be a workplace-based unit that enables students to undertake a concentrated applied project in a specific area of interest in the workplace and to combine work and study requirements. It enables students to concentrate on a specific area of interest and to apply intellectual rigour to that area to complete a project of work at an advanced level.
Courses: HL88
Credit points: 48 **Campus offered:** KG, EXT
Semester offered: 1, 2

► HLN750 THESIS
Part-time students enrol in this unit. It is conducted part-time over two semesters. Provides students with an opportunity to formally extend and synthesise knowledge gained in earlier semesters of the course. The study represents an independent and original piece of research completed under the guidance of a supervisor.
Courses: HL88, PU85
Credit points: 48 **Campus offered:** KG, EXT
Semester offered: 1, 2

► HLP101 ADVANCED DISCIPLINE READINGS
This unit is a compulsory component of the Faculty of Health Honours programs. It provides the opportunity for students to identify and review the literature relevant to their selected research topic. A one day seminar in advanced information retrieval skills is included in the unit.
Courses: HL50, HL52, HL55
Corequisites: HLP103 **Credit points:** 12
Campus offered: KG **Semester offered:** 1, 2

► HLP102 RESEARCH SEMINARS
This unit is a compulsory component of the Faculty of Health Honours programs. Content includes the preparation and completion of a seminar presentation in a professional and scientific manner plus attendance at scheduled seminars.
Courses: HL50, HL52, HL55
Prerequisites: HLN706 or HLN405 (nursing students must complete both)
Corequisites: HLP101 **Credit points:** 12
Campus offered: KG **Semester offered:** 1, 2

► HLP103 DISSERTATION
This is a compulsory unit in the Faculty of Health Honours programs. It is broken into a number of components that are completed over successive semesters (as appropriate for full-time or part-time course structure). The dissertation study represents an independent piece of research completed with the guidance of a supervisor. A written report in the form of a dissertation proposal must be submitted by the end of Week 6 in the semester in which enrolment in the dissertation commences.
Courses: HL50, HL52, HL55
Corequisites: All other units in the program
Credit points: 48
Campus offered: KG **Semester offered:** 1, 2

► HLR710 RESEARCH PROJECT
The Doctor of Health Science prepares graduates to be leaders in their professions. The degree incorporates a large research component, which may be a single large research project or a portfolio of approved related smaller projects. The research is designed to be strongly grounded in the student's professional practice in order to enhance and extend critical thinking, synthesis, application of theoretical frameworks and the development of new knowledge at an advanced level in a relevant field. The research can be interdisciplinary but should apply concepts and principles acquired and developed through the coursework component of the degree.
Courses: HL90
Prerequisites: Completion of coursework component of Doctorate program
Credit points: 192
Campus offered: KG **Semester offered:** 1, 2, 3

► HMB171 FITNESS HEALTH & WELLNESS
The dimensions and interrelationships of health, physical activity and wellness are studied; basic principles of conditioning and exercise prescription necessary to demonstrate the impact of physical activity on lifestyle diseases, health behaviours and wellness are examined; principles and theory of behaviour change are employed.
Courses: ED43, ED50, ED51, ED52, HL 40, HL42, HL44, HM42, IF62, IF73
Credit points: 12 **Contact hours:** 3-4 per week
Campus offered: KG **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 (auxology) in relation to nutrition and health. The unit is designed to underpin studies in exercise physiology and sports nutrition.
Courses: HM42, IF73, IF62, HL44, IF62, HL40
Credit points: 12 **Contact hours:** 4 per week
Campus offered: KG **Semester offered:** 2

► 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 sensory mechanisms related to movement. Foundations of motor learning and adaptation will be introduced, linking underlying mechanisms of learning with principles that may be applied in teaching, coaching and rehabilitation. Major changes in the capacity for movement over the life-span will be covered, including those in infancy, childhood, adulthood and senescence.
Courses: ED50, ED51, HL40, HL42, HL44, HM42, IF46, IF73
Prerequisites: LSB131, LSB231
Credit points: 12 **Contact hours:** 4 per week
Campus offered: KG **Semester offered:** 1

► HMB272 BIOMECHANICS
The application of mechanics as they apply to Human Movement including: kinematics and dynamics of human body models; quantitative analysis; impact; work and power; fluid dynamics; material properties.
Courses: HL40, HL42, HL44, HM42, IF62, IF73, PU40
Credit points: 12 **Contact hours:** 4 per week
Campus offered: KG **Semester offered:** 2

► 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 theme of energy supply and utilisation and deals with the relationship between metabolism (aerobic and anaerobic) and muscle power during exercise. The theory 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 walking and running; cinematography and electromyography in functional anatomy of movement tasks.
Courses: ED50, ED51, HL40, HL42, HL44, HM42, IF62, 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 theory and practice; aggression and psycho-social development, leadership and team cohesion.
Courses: ED50, HL40, HL42, HL44, HM42, IF62, 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; theory building. Research presentation: writing a research report; developing conclusions. Application of research; examples in human movement; related literature. Computer data analysis and information retrieval.
Courses: ED50, HL40, HL42, HL44, HM42, IF62, 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. Areas covered include dietary and energy requirements in exercise and sport and substrate utilisation at the cellular level during exercise. The influence that nutrition has on performance via changes in body composition, fuel utilisation, blood biochemistry and ergogenic aids will also be covered. Nutritional supplements and water and electrolyte balance in exercise and sport is also part of this unit.
Courses: HL42, HM42, 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
Campus offered: KG **Semester offered:** 1

► HMB307 HEALTH AND PHYSICAL EDUCATION CURRICULUM (PRIMARY)
The unit provides teachers for the years 1-10 Health and Physical Key Learning Area, with appropriate learning experiences based on current philosophy and knowledge focused to assist children in meeting development needs. Health and Physical Education (HPE) can add significantly to this development by providing physical, emotional, social and intellectual support. It is necessary for Primary teachers to understand the syllabus and the implications it contains to enable them to develop modern units and lesson plans.
Courses: ED26, ED51, ED56, IF84
Prerequisites: Nil **Corequisites:** Nil
Credit points: 12 **Contact hours:** 4 per week
Campus offered: KG **Semester offered:** 1

► HMB310 PHYSICAL EDUCATION CURRICULUM STUDIES 1
The nature of physical education as an applied curriculum area. Insights into relevant Queensland syllabus and curriculum documents are provided; competencies in planning and teaching are developed and close links are made with teaching practice.
Courses: ED50, ED54, IF73
Prerequisites: EDB323 and at least 48 credit points in the relevant discipline area
Credit points: 12 **Contact hours:** 5 per week
Campus offered: KG **Semester offered:** 2

► HMB313 SOCIO-CULTURAL FOUNDATIONS OF PHYSICAL ACTIVITY
Lays a foundation in the disciplines of the socio-cultural areas that underpin the study of human movement. It serves as an introduction to the historical, sociological, philosophical, anthropological and cultural foundations of sports, games and leisure activities.
Courses: ED50, ED51, HL42, HL44, HM42, IF46, IF62, IF73
Credit points: 12 **Contact hours:** 4 per week
Campus offered: KG **Semester offered:** 1

► HMB314 PERFORMANCE SKILLS 1
Involves the application of movement principles to the analysis and development of techniques in all major swimming strokes, water rescue methods, and track and field events. Students explore teaching strategies, motivational, conditioning and training activities, the development of learning experiences for various ability levels and event rules application.
Courses: ED50, ED51, ED52, IF73
Credit points: 12 **Contact hours:** 6 per week
Incompatible with: PRB344, PRB345, PRB346
Campus offered: KG **Semester offered:** All

► HMB315 PERFORMANCE SKILLS 2
Various game forms are analysed in order to identify fundamental game skills and problem areas in skill development. Emphasis is placed on the application of relevant movement knowledge and skills to suit game situations and on learning appropriate strategies for teaching and coaching selected games.
Courses: ED50, ED51, ED52, IF73
Credit points: 12 **Contact hours:** 6 per week
Campus offered: KG **Semester offered:** 1, 2

► HMB316 PERFORMANCE SKILLS 3
Basic movement principles fundamental to the performance and teaching of gymnastics and dance will be explored; physical fitness and basic biomechanical principles in gymnastics; routines incorporating a variety of gymnastic and dance skills on floor/apparatus; safe and unsafe practices will be addressed.
Courses: ED50, ED52, IF73
Credit points: 12 **Contact hours:** 6 per week
Campus offered: KG **Semester offered:** 1, 2

► HMB317 OUTDOOR EDUCATION
The value and place of outdoor education in schools and the community; development of proficiency in a number of outdoor pursuits; lightweight, minimum impact camping; leadership skills and safety techniques; the Australian natural environment; promotion of positive attitudes towards natural environments.
Credit points: 12 **Contact hours:** Block
Campus offered: KG **Semester offered:** 3

► HMB321 SPORT IN SOCIETY
The relationship between sport and the social world. The nature and importance of the role of sport in modern Australian society through an analysis of such contemporary issues and developments in sport as drugs in sport, sport and the law, violence in sport, equity and sport, and sport and socialisation.
Courses: BS50, ED50, IF73
Prerequisites: Relevant performance skills subjects
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 1

► HMB332 HEALTH RELATED FITNESS
Provides a forum for a review of selected classic and recent literature representing the growing body of evidence and the arguments supporting the relationships between physical activity and chronic disease and the relationships between physical activity, fitness and optimal health. Special attention is given to the question of 'How much is enough?'. to achieve health enhancement. Application of this knowledge is made within the school, community and personal lifestyle contexts.
Courses: ED50, ED51, IF73
Prerequisites: HMB171 or PUB327
Credit points: 12 **Contact hours:** 3-4 per week
Campus offered: KG **Semester offered:** 1

► HMB333 CHILD & ADOLESCENT HEALTH
Child and adolescent health and the wide range of factors that impact on the health of individuals in these two crucial stages of life. An analysis is made of skills required for health-enhancing behaviours and experience provided in some of the skills needed to assess and maintain the health status of children.
Courses: ED50, ED51, ED52, IF73
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 2

► HMB337 ORGANISATION & MANAGEMENT IN PHYSICAL EDUCATION & SPORT
School physical education departments and sporting associations are medium-sized organisations requiring direction for servicing a large client base. Students examine the role of administrators and the administration of monies, facilities and human resources in a school physical education and sports setting.
Courses: ED50, IF73
Prerequisites: HMB314, HMB315 or consent of unit coordinator
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 1

► HMB341 SPORTING & OUTDOOR EDUCATION ADMINISTRATION
The primary school physical educator and class teacher is responsible for the organisation of educational programs both at school and in other education and sporting settings. This unit assists students in understanding and organising a variety of sporting tournaments, carnivals and outdoor education.
Courses: ED51
Prerequisites: HMB307, HMB315 or consent of unit coordinator
Credit points: 12 **Contact hours:** 5 per week
Campus offered: KG **Semester offered:** 2

► HMB342 THE DEVELOPMENT OF TEACHING SKILLS IN PRIMARY PHYSICAL EDUCATION
Designed around micro-teaching and involving student teachers, children and their working environment in schools, this unit promotes excellence in teaching, preparation and planning with an emphasis on active learning and research. Physical education teacher education students develop a greater understanding of their prospective working environment.
Courses: ED50, ED51, IF73
Prerequisites: HMB310, HMB370 or consent of unit coordinator

Credit points: 12 **Contact hours:** 4 per week
Campus offered: KG **Semester offered:** 2

► HMB361 FUNCTIONAL ANATOMY 2
A project-based unit designed to enable students with a background in Functional Anatomy to develop greater expertise in one or a combination of the following areas: electromyography, orthopaedic biomechanics, kinesiology of sport and work, comparative functional anatomy, locomotion and posture and research techniques in functional anatomy.
Courses: HM42, IF73 **Prerequisites:** HMB274
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 electrographic analysis of movement; an introduction to viscoelasticity and biological materials; material properties; mass and inertial characteristics of the human body; applied aspects of biomechanics undertaken from a research project perspective
Courses: HM42, ME46, IF46, IF73
Prerequisites: HMB272, HMB274
Credit points: 12 **Contact hours:** 4 per week
Campus offered: KG **Semester offered:** 1

► HMB363 INDEPENDENT STUDY
To meet the specific interest of students beyond content offered within existing units; conceptualise, plan and execute a research study including survey of literature, development of an action plan, reflection on a practice or situation, and proposal for future action. The student works at an advanced level and autonomously under the supervision of a lecturer.
Courses: 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
Offered to capitalise on the expertise of resident or visiting staff, special needs and interests of students, and to create flexibility in unit offerings. These may include special expertise, high quality limited period research projects, seminars, conferences and new initiatives by staff and students. An interest group will study the area chosen cooperatively.
Courses: ED50, ED51, 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
The focus of this unit is divided between issues and directions of current trends in curriculum development and advanced strategies used to achieve variety in the implementation of indoor and outdoor lessons.
Courses: ED50, ED54, IF73
Prerequisites: HMB310
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 capability 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 examined, 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 PSYCHOLOGY OF REHABILITATION
Factors that predispose to injury and behavioural change; the psychological process of rehabilitation; teaching specific psychological rehabilitation and coping strategies; the grief process; the rehabilitation psychologists role in the rehabilitation team; disabled athletes.
Courses: ED50, 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 diseases; design and implement programs suitable for these people to improve levels of motor skills and general health and wellness; participate in, and design programs for disabled athletes.
Courses: 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 behavioural aspects; underlying sensory, perceptual, neurological and cognitive changes which influence motor development in children. A theoretical understanding of developmental differences and development delay in children with intellectual, sensory or physical disability. Experience will be obtained in developmental and adapted physical activity programs.
Courses: 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, Aussie sport program.
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 introduced are not intended to be exhaustive, but represent conditions that effect significant numbers of individuals, account for much movement and activity-related morbidity and/or mortality, and represent the various physiological systems underlying movement (i.e. cardiorespiratory, metabolic, musculoskeletal, neuromuscular and central nervous system).
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 aspects of cardiovascular and pulmonary physiology are integrated. These aspects include the control and distribution of blood flow through the macro- and microvasculature, the heart and hemodynamics, the control and function of the pulmonary system, and concludes with an integration of the physiology covered in the unit and HMB273 within the context of exercise in the heat. The theory is also addressed with the contexts of age, health, disease and athletic performance. Practice complements theory and includes the measurement of heart rate, blood pressure and lung function, as well as exercise capacities such as the 'an-aerobic threshold' and maximal oxygen consumption.
Courses: ED50, HM42, IF46
Prerequisites: HMB273
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 assessment and exercise prescription is a major component of the unit, introducing the student to these requirements in the context of aerobic conditioning, resistance training, weight loss and flexibility. There is a strong emphasis on putting theory into practice, including the development and utilisation of appropriate practical skills in both fitness assessment and exercise prescription.
Courses: HM42, IF73, IF46, IF62, HL44, HL42, 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, promotion, implementation, administration and evaluation of programs from a fitness counsellor's perspective.
Courses: ED50, HM42, IF46, IF73
Prerequisites: HMB171 or HMB332
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 highlighted by examining specific 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 1
The nature of health education as an applied curriculum area. Insights into relevant Queensland syllabus and curriculum documents are provided; competencies in planning and teaching are developed and close links are made with teaching practice.
Courses: ED50, ED54, IF73
Prerequisites: EDB323 and at least 48 credit points in the relevant discipline area
Credit points: 12 **Contact hours:** 3 per week

Campus offered: KG **Semester offered:** 2

► HMB395 HEALTH EDUCATION CURRICULUM STUDIES 2

The focus in this unit is divided between issues and directions associated with current trends in curriculum development and advanced teaching strategies used to achieve a variety of health education outcomes. An enquiry based approach incorporating a social view of health will be emphasised in relation to current syllabuses in Health Education.
Courses: ED50, ED54, IF73
Prerequisites: HMB390
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: ED26
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG, EXT
Semester offered: 1

► HMB470 PRACTICUM 1

The BAppSc (HMS) course is designed to prepare Human Movement professionals for work in a wide range of areas in the field of physical activity. In order to become competent practitioners, students need opportunities to apply classroom learned knowledge and skills via supervised practice in real world settings. Such practice should develop students' confidence, attitudes, values and understanding of professional issues while providing opportunities to interact with Human Movement practitioners. As this unit 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 strands and evaluate the fit of personal skills in different worksites. It is designed to prepare students for their final 9 weeks full time in the workforce the following year.
Courses: HL40, HL42, HL44, 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 BAppSci are required to undertake a project in Year 4. Students work in small groups on original topics. Work includes: a literature review and the presentation of experimental hypotheses, research methodology and analysis procedures. Groups present a formal colloquium at the end of Semester 1.
Courses: HL42, HL44, 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 as a supervised full-time internship. Students are supervised in the performance of operational tasks including management and administration and further develop independent professional skills and knowledge. The internship is followed by a comprehensive reflective analysis of the experience.
Courses: HL42, HL4, HM42
Prerequisites: Satisfactory completion of years 1-3 practicum requirements and seven semesters of coursework
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 different disease states, special populations and scenarios are used to examine the potential role of physical activity and appropriately prescribed exercise to maintain and improve functional capacity. A strong emphasis is placed on identifying the problems faced in fitness assessment and exercise prescription for special cases and conditions, and finding appropriate solutions.
Courses: HM42, HL38, HL68, HL88, IF46
Prerequisites: HMB382
Credit points: 12 **Contact hours:** 4 per week
Campus offered: KG **Semester offered:** 1

► HMB610 CLINICAL MEASUREMENT

Blood flow and volume, plethysmography; cardiorespiratory measurement; electrical impedance imaging; anthropometry and body composition; measurement of normal and pathological gait; kinematic and kinetic analyses of human movement and performance; functional evaluation of orthotics and prostheses; electromyography; ergonomic and environmental issues; measurement of special populations.
Courses: ME46
Prerequisites: HMB862, HMB864
Credit points: 8 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 1

► HMB615 EXERCISE PHYSIOLOGY

Bioenergetics; exercise metabolism; hormonal response to exercise; muscle structure and function; circulatory adaptations, respiration and acid-base balance during exercise; temperature regulation, training and conditioning; body composition and nutrition; fitness testing and assessment procedures.
Courses: ME46
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 associated professionals; trends in mortality and morbidity; workplace health promotion agencies and programs; planning, development, promotion, implementation and evaluation process.
Courses: ME46
Credit points: 8 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 2

► HMN201 DEVELOPING TEACHING AND LEARNING INITIATIVES FOR THE HEALTH & PHYSICAL EDUCATION KEY LEARNING AREA

Critically analyse outcomes based education and the relationship of the Years 1-10 HPE syllabus to the context of broader agendas of 1-10 school education in Australia; apply key concepts of the Years 1-10 HPE syllabus to whole of school curriculum development, planning and implementation; (re)design programs for successful student achievement and evaluation of the achievement of the outcomes of the Years 1-10 HPE syllabus; and identify relationships between the Years 1-10 HPE syllabus, Senior PE and HE syllabuses.
Courses: ED13, HL88
Prerequisites: Nil **Corequisites:** Nil
Credit points: 12
Campus offered: KG **Semester offered:** 1

► HMN202 DEVELOPING AND ASSESSING HIGHER ORDER THINKING SKILLS IN SCHOOL PHYSICAL EDUCATION

Examine contemporary theories of teaching and learning and knowledge frameworks for school PE; evaluate current models of teaching and learning and existing personal practices in PE in the context of learning theories and knowledge frameworks; and create new and alternative approaches to teaching and learning for the development and assessment of higher order thinking skills in school PE.
Courses: ED13, HL88
Prerequisites: Nil **Corequisites:** Nil
Credit points: 12
Campus offered: KG **Semester offered:** 1

► HMN203 APPLICATION OF THE SCIENCES TO TEACHING AND LEARNING IN PHYSICAL EDUCATION AND SPORT

Identify the key knowledge from the biophysical and socio-cultural sciences that pertain to the improvement of performance in physical activities and sports; analyse the relationship between the sciences and improvement of performance in selected physical activities and sports; design teaching and learning or coaching programs that promote understanding of the relationship between the sciences and performance in physical activity and sport; and use selected software and technology to enhance the teaching and learning or coaching programs that promote understanding of the relationship between the sciences and performance in physical activity and sport.
Courses: ED13, HL88
Prerequisites: Nil **Corequisites:** Nil
Credit points: 12 **Campus offered:** KG

► HMN204 SOCIO-ENVIRONMENTAL PERSPECTIVES FOR THE HEALTH EDUCATION CURRICULUM

Reflect critically on the broadening role of a health educator; reconstruct pedagogical practices in relevant health education 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 human health; design teaching and learning strategies which promote: safe, harm-minimisation responses to potential environmental health hazards; and appropriate change responses in the health education field.
Courses: ED13, HL88
Credit points: 12 **Incompatible with:** PUN620
Campus offered: KG

► HMN205 HEALTH EDUCATION CURRICULUM ACCROSS 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
Campus offered: KG **Semester offered:** 2

► HMN206 DESIGNING PHYSICAL ACTIVITY EXPERIENCES FOR SPECIAL POPULATIONS

Identify key issues, educational policies and legal obligations considered in designing physical activity programs for specific populations; understand how physical education syllabi can incorporate adapted programs and practices; critically evaluate and review existing programs designed for specific populations; design physical activity experiences that are sensitive toward and encouraging of participation among individuals with specific needs; and demonstrate teaching and developmental support strategies which are responsive to the learning needs of students within an inclusive physical education curriculum.
Courses: ED13, HL88 **Credit points:** 12
Campus offered: KG **Semester offered:** 2

► HMP332 ERGONOMIC AIDS AND NUTRITIONAL SUPPLEMENTS

This unit describes the range of established and claimed work-enhancing aids and nutritional supplements. substances included will be natural and processed foodstuffs, 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

Campus offered: KG **Semester offered:** 2

► HMP351 HUMAN FACTORS
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 relevant to workplace activities; models of information processing, skill acquisition, fatigue and work schedules, cognitive workload, human error, and accident causation. The unit will draw on examples relevant for the design and assessment of work practices, human-machine systems, and workplaces.
Courses: HM35 **Credit points:** 12
Campus offered: KG **Semester offered:** 1

► HMP352 OCCUPATIONAL BIOMECHANICS
this unit covers the major kinematic and kinetic factors underlying workplace activities. Topics will be drawn from a range of work activities including office work and seated posture, manual handling and load carriage, tool use, and repetitive movements. Consideration will be given to biomechanical measurement and assessment principles and methods, and to relevant biomechanical standards.
Courses: HM35 **Credit points:** 12
Campus offered: KG **Semester offered:** 1

► HMP353 ERGONOMICS & HUMAN FACTORS
The project provides students with an opportunity to conduct a study, or to implement a new 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
Campus offered: KG **Semester 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
Campus offered: KG **Semester offered:** 2

► HMP383 SPORT STUDIES PROJECT
The project provides students with an opportunity to conduct a study, or to apply a coaching technique, administrative procedure, assessment method or other innovative practice in a sports 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
Campus offered: KG **Semester 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 may already have had in sport, thus placements may be in a sport or activity other than the student's principal area. Students will meet regularly with supervisors, maintain a diary and prepare reports on and evaluations of the activities undertaken during the placement.
Courses: HM38 **Credit points:** 12
Campus offered: KG **Semester offered:** 1

► HMP389 ASSESSMENT IN SPORT
This unit will acquaint students with contemporary methods used in sports assessment, focusing on physiological and biomechanical measures. Students will acquire practical skills in assessment methods through laboratory classes. In addition, lectures will provide an overview of the theoretical basis of different tests, as well as knowledge concerning the rationale for each assessment, its application and interpretation. Consideration will be given to issues such as the suitability of assessment methods for various sports and populations, and the use made of test data for decision-making.
Courses: HM38 **Credit points:** 12
Campus offered: KG **Semester offered:** 1

► HMP610 CLINICAL MEASUREMENT
Measurement of normal and pathological gait; kinematic and kinetic analyses of human movement and performance; functional evaluation of orthotics, prostheses, electromyography, bioelectrical impedance and imaging techniques, measurement of cardiovascular and respiratory function with examples from special populations.
Courses: ME46
Prerequisites: HMB862, HMB864
Credit points: 8 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 2

► IBB101 BUSINESS IN AUSTRALIA
This unit will introduce international students and students new to Australia to the business environment in Australia. Students will examine historical, socio-cultural, geographical, economic, political and other factors and contemporary issues that impinge upon doing business in Australia. Learning activities include computer simulations, field studies and industry analysis. Generic skills addressed include teamwork, report writing and presentation skills.
Courses: BS56, 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 international operations and performance of business can be put at risk 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, the foreign exchange market, the types of foreign exchange rate exposures, managing exchange, translation and consolidation risks, assessing foreign direct investment targets, comparing the performance of foreign affiliates, operations exposure to regulatory risk of tax, investment and competition policy changes, country risk assessment and managing country risk exposure.
Courses: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF48, IF56, IF61, IF62, IF72
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 cultures, management philosophies, corporate strategies and business negotiations. It is designed to develop skills in negotiating in the international environment. The unit will assess the relationships among values and managerial and corporate negotiation and communications behaviour in diverse environments.
Courses: BS56, IF05, IF09, IF28, IF30, IF41, IF48, IF60, IF61, IF62
Prerequisites: BSB119, BSB122; or 48 credit points of approved prior study for non-Bachelor of Business students only
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MIB205
Campus offered: GP **Semester offered:** 2

► IBB208 EUROPEAN BUSINESS DEVELOPMENT
This unit gives students an understanding of the major historical factors influencing European economic development and business practices, industrial and organisational structures, international relations and government-business relations. Topics include: demographic change; agriculture; trade and colonisation; transport and communications; financial institutions and capital accumulation; intellectual and religious movements; economic theories; the role of government; war and revolution; industrialisation; big business; the Great Depression; 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 critical for the successful planning, organisation, implementation and control of export operations. The unit is highly applied and covers practical aspects of the production, dispatch and distribution of products for international markets. Specifically the unit addresses legal, documentary, physical and financial challenges to the delivery of goods and services, and to the assured receipt of payment in return for that delivery. The processes of planning, market analysis, information gathering, cooperative arrangements with government and other firms are all considered. Contemporary developments in technological applications and business practices are illustrated.
Courses: BS56, IF05, IF09, IF28, IF30, IF41, 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 business is conducted and the theories of why and how firms choose to do business in foreign locations. The unit will provide an understanding of the differences in the political economy of countries, the architecture and governance of the international economy and the operational challenges of doing business in different cultures.
Courses: BS56, IF05, IF09, IF28, IF30, IF41, 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: BSB113
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MIB212
Campus offered: GP **Semester offered:** 1

► IBB213 INTERNATIONAL MARKETING
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 applied and provides students with an 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 develop an operationally sound international marketing plan; and study the role of marketing strategy in the globalisation of business.
Courses: BS56, IF05, IF09, IF28, IF30, IF41, IF48, IF61, IF62
Prerequisites: BSB116
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MKB149
Campus offered: GP **Semester offered:** 2

► IBB217 ASIAN BUSINESS DEVELOPMENT
This unit gives students an understanding of the historical foundations of the development of business in East and South East Asia. Material presented will include the traditional economic and social institutions in Asia and their changing impact on business since East Asia's integration into the international economy. Topics studied will include: the evolution of local firms and firm structures; the impact of western business and economic influences; local ideology and development policies; the rapid growth of Northeast Asia, the Asian NICs and ASEAN. The changing impact of the international economy upon business development within selected East Asian economies is a unifying theme of this unit.
Courses: BS56, IF05, IF09, IF28, IF30, IF41, IF48, IF60, IF61, IF62
Prerequisites: BSB119
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MIB200
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 globalisation and how emerging technology becomes an asset for enterprises' global operations. Topics examined include the process of innovation, changes to the production paradigm, the risks of global innovation, international technology transfer and the management of emerging technologies across international borders.
Courses: BS56, IF05, IF09, IF28, IF30, IF41, IF48, IF60, IF61, IF62
Prerequisites: BSB113
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MIB223
Campus offered: GP **Semester offered:** 1

► IBB300 INTERNATIONAL BUSINESS STRATEGY
This unit aims to develop student competencies in the analysis of issues and problems encountered by international firms in the formulation and implementation of business strategies. The unit emphasises the connection between core competencies, strategy and corporate performance and will use case studies to analyse the strategic behaviour of successful global companies. Issues examined include: the forms of international involvement and entry mode strategies; organisational structures, control and cultural diversity; multinational versus global competitive strategies; using international business to build competitively valuable competencies and capabilities; the formulation and implementation of strategies of international cooperation and strategic alliances; small and medium enterprise (SME) strategies to compete in global markets.
Courses: BS56, IF05, IF09, IF28, IF30, IF41, IF48, IF60, IF61, IF62
Prerequisites: IBB211 or 96 credit points of approved study
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: BSB300, MGB330
Campus offered: GP **Semester offered:** 1, 2

► IBB303 INTERNATIONAL LOGISTICS
This unit examines international logistics through the concepts of international distribution channels and international supply chain management. Strategy in managing international logistical constraints is emphasised with practical studies of contemporary international supply chain management in international industries. Traditional costs and financial aspects of supply chain management are considered. Contemporary issues are incorporated including: the impact of e-business on international logistics; the evolution of new technologies for 'smart' packaging, warehousing and international stock control; the combination of international services with goods products; recent technological developments in international transportation and product quality control.
Courses: BS56, IF05, IF09, IF28, IF30, IF41, IF48, IF60, IF61, IF62
Prerequisites: IBB210
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MIB303
Campus offered: GP **Semester offered:** 2

► IBB304 GLOBAL INDUSTRY ANALYSIS
The aim of this unit is to analyse the nature and structure of industry in national and international contexts to provide a suitable framework for students to be competent in the analysis of a specific industry. Topics examined include: inter-industry dependencies; international location advantages; regional and interregional linkages; demand analysis; international transactions in information, goods, services and other products; and, strategies in structure markets. Applications to specific global industries are used to develop conceptual and analytical skills.
Courses: BS56, IF05, IF09, IF28, IF30, IF41, IF48, IF60, IF61, IF62
Prerequisites: IBB212 or MGB206 or MGB208
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MGB309, MIB212
Campus offered: GP **Semester offered:** 2

► IBB308 CONTEMPORARY BUSINESS IN EUROPE
Building upon the historical understandings established in the prerequisite unit, this unit analyses contemporary issues relevant to business in Europe. Areas of study include: the growth of regional cooperation in Europe; business and regional cooperation; European Union policies and impacts; challenges of doing business in the emerging markets of Central and Eastern Europe. Case studies of contemporary business activities in Europe including entry to European markets will be used in the analysis.
Courses: BS56, IF05, IF09, IF28, IF30, IF41, IF48, IF60, IF61, IF62
Prerequisites: IBB208 or 96 credit points of approved study
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MIB300
Campus offered: GP **Semester offered:** 2

► IBB312 SPECIAL TOPIC - INTERNATIONAL BUSINESS
An 'open-ended' unit where the opportunity will be available for staff and visiting scholars to offer a specialised program of study.
Courses: BS56, IF05, IF09, IF28, IF30, IF41, IF48, IF60, IF61, IF62
Prerequisites: IBB211
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MIB312
Campus offered: GP **Semester offered:** 1, 2

► 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 modern enterprises in Asia. The unit analyses specific country markets to inform business decisions pertaining to: business strategy; production and procurement; and, distribution and marketing. The unit addresses important contemporary business trends throughout the region including: market access; corporate governance; 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, IF05, IF09, IF28, IF30, IF41, IF48, IF60, IF61, IF62
Prerequisites: IBB217 or 96 credit points of approved study
Credit points: 12 **Contact hours:** 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 **Prerequisites:** PG only
Credit points: 12 **Contact 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 and markets in Asia. The development of the major industries will be examined, together with major intra-regional patterns of trade, commerce and finance. Significant economic, political and social factors determining developments will be focussed upon, as well as regulatory restraints governing market access. The student will be required to undertake a project 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, IF64
Prerequisites: PG only, GSN101 or GSN204 or IBN408
Credit points: 12 **Contact 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 and markets in Europe. The development of the major industries will be examined, together with intra-regional patterns of trade, commerce and finance. A particular focus will be the development of a single European market and its international implications. Significant economic, political and social factors determining developments will be focussed upon, as well as regulatory restraints governing market access. The student will be required to undertake a project 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, IF64
Prerequisites: PG only
Credit points: 12 **Contact 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 and 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.

Courses: BS30, BS92, BS93, GS10, GS11, GS12, GS85, GS86, GS87, GS90, GS91, GS92, IF64
Prerequisites: PG only
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MIN405
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 Europe, Asia and North America. 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 international environment that has direct and rapid impacts upon domestic and other markets for products and services. The aim 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: BS30, BS39, BS93, GS70, GS80
Prerequisites: PG only
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: GSN101, BSN408
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 extension. 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, GS92
Prerequisites: PG only; with an UG specialisation in Marketing or 24 credit points from GS10, GS11 or BS93 (or equivalent)
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: BS30, BS39, BS63, BS92, GS70, 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, GS92
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 research.
Courses: JS52, LW52 **Credit points:** 96

► IFN201 PART-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 research.
Courses: JS52 **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 general document preparation are covered. Particular attention is given to current word processing, spreadsheet, and presentation preparation systems. All aspects are covered initially at a basic level; higher level concepts are introduced to compliment this basic knowledge.
Courses: SC12, SC15
Credit points: 8 **Contact hours:** 2 per week

► ITB106 FOUNDATIONS OF COMPUTING
Propositional logic: propositions, truth values, truth tables, basic deduction, logical equivalence, laws of logic and Boolean algebra. Predicate calculus: predicates, quantification, equivalence, basic inferencing, introduction to automated inferencing. Prolog: fact, rules and queries. Sets: basic definitions, operations 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: list, graphs and trees, basic concepts and terminology.
Courses: IT21, IF58, 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 coverage, and the presentation of test results. A personal process will be introduced and students will be required to apply this process to each programming task.
Courses: IT21, IF58, IF59, IT79, IF38, IF48, IF85, IF90
Prerequisites: ITB410 and knowledge of Java
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 and development 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. The aim is to give students a balanced overview of the process of analysing and designing information systems, while ensuring that students develop the necessary skills to apply the major techniques to simple problems. Emphasis is placed on the practical application of techniques to real-world problems.
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 design; Development of information systems in a 4GL environment.
Courses: IF33, IF38, IT20, IT21, IF48, IF58
Prerequisites: ITB229
Credit points: 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 and integrity.
Courses: IT21, IF38, IF47, IF48, IF58, IF79, IF90
Prerequisites: Nil
Credit points: 12
Contact hours: 3 per week

► ITB227 WEB APPLICATIONS
I) Design Elements for Interactive Web Front Ends; II) Architecture of web-enabled database applications; III) Database design for web enabled database applications.
Courses: IT21, IF38, IF48
Prerequisites: ITB310, ITB225
Corequisites: 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 FI,MM,PP,CO); IV) The ES Lifecycle; V) Implementation Processes; VI) Implementation Issues; VII) Integration with other systems (legacy and specialist); VIII) Systems Evolution; IX) Case Study critique; X) Future of Enterprise Systems.
Courses: IT21, IF38, IF48
Prerequisites: ITB310 **Corequisites:** Nil
Credit points: 12 **Contact hours:** 3 per week

► ITB229 INFORMATION SYSTEMS SPECIFICATION
Analysing an information model: the static, transition, 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 application to a range of small to large problems.
Courses: IT21, IF38, IF48
Prerequisites: ITB225, ITB106
Credit 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: IT20, IT21, IF33, IF48
Prerequisites: ITB225
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITN232

► ITB233 ENTERPRISE SYSTEMS APPLICATIONS
I) Enterprise Systems Management, The SAP Example, The Enterprise Systems Lifecycle, II) The main modules of Enterprise Systems, Accounting (Financial Accounting, Controlling), Human Resource Management, Logistics (Materials Management, Production Planning and Control, Sales and Distribution), Integration of this modules, III) E-Commerce and Customer Relationship Management
Courses: IT21, IF38
Prerequisites: ITB228 (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 databases. Modelling of non typical data.
Prerequisites: ITB229
Credit points: 12 **Contact hours:** 3 per week

► ITB235 DISTRIBUTED OBJECT INFORMATION SYSTEMS
Object-oriented fundamentals, distributed environments, and distributed technologies.
Prerequisites: ITB225, ITB410
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
Enterprise Wide Systems and e-business, System Selection Processes, Implementation Issues, Project Management, Business Issues with IT, outsourcing.
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 data and experts. Problem handling and techniques will be drawn from typical industry applications and real world data sources. Common problems from the field of Finance, Marketing and Operations/Service that demonstrate the use of the various techniques and the tradeoffs involved in choosing from 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 deduction, resolution.
Courses: IT20, IT21, 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 other course units. Selected topics and study areas are offered as required and when the expertise is available. See School of Information Systems announcements for details of topics being offered.
Courses: 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
Prerequisites: ITB232 Database Systems
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITN245

► ITB254 INTERACTIVITY DESIGN
Introduction to interactivity design and the usability engineering lifecycle; human cognition and perception and their effect on user interactivity; introduction to contextual analyses; the usability engineering life cycle; usability goal setting; planning and carrying out evaluation of interface designs; structured interactivity design methods; guidelines and standards for interface design; testing & evaluation interface designs; basics of support printed manuals, demonstration & discussion of prototypes; summary and review.
Courses: IT21
Prerequisites: ITB227 or permission of unit coordinator
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: ITB257 or ITB537
Corequisites: Nil
Credit points: 12 **Contact hours:** 3 per week

► ITB262 E-COMMERCE TECHNOLOGIES
This unit provides an introduction to some of the information technologies being used to support electronic commerce. In particular, it will cover (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 electronic services, catalogues, negotiation, and trading.
Courses: IT21, IF38
Prerequisites: ITB225, ITB410
Credit points: 12 **Contact hours:** 3 per week

► ITB263 WEB INTELLIGENCE FOR E-COMMERCE
The notions of agency, a taxonomy of intelligent agents, agent communication languages, the Belief-Desire-Intention agent model, Web-based intelligent information agents, agent-mediated electronic-commerce, collaborative filtering in Recommender systems, data mining methods for web content analysis, statistical approaches for Web users' profiling, automated negotiation in electronic market-places.
Courses: IT21, IF38
Prerequisites: ITB106 or ITB243, and ITB410
Corequisites: ITB106 or ITB243, ITB410
Credit points: 12 **Contact hours:** 3 per week

► ITB264 INFORMATION SYSTEMS CONSULTING
This unit examines the strategic and operational environment of an IS consulting firm. It looks at the lifecycle of an IS consulting engagement and the issues involved at each stage of that lifecycle. The marketplace for IS consulting firms is appraised to give students a better understanding of their positioning and the role of consultants within the different market sectors. Context is provided by examining specific IS consulting practices such as large scale software implementation, systems integration and development and IS Strategic Planning.
Prerequisites: ITB310
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 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: ITB310
Corequisites: 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 in-house information strategies, policies and systems are explored with reference to information as a resource. Approaches to the successful integration of technical and business skills for the tasks of information management are explored.
Courses: IT21, IF38, IF48
Prerequisites: ITB310
Credit points: 12 **Contact hours:** 3 per week

► ITB310 ORGANISATIONAL INFORMATION SYSTEMS
I) The e-organisational setting
II) Skills acquisition (Web 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.

Courses: IF38, IF54, IF58, IF79, IT20, IT21, IF48, IF59
Prerequisites: Nil **Corequisites:** Nil
Credit points: 12 **Contact hours:** 3 per week

► ITB322 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; demographic data; government resources; marketing information sources; patents, standards; census data, company annual reports; people as sources of information; ethics of information gathering.
Courses: IT20, IT21, IF38, IF48
Prerequisites: ITB310
Credit points: 12 **Contact hours:** 3 per week

► ITB330 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, corporate, and individual levels - with reference to issues such as information ownership, access to information, and protection of information. Subject focus creates awareness of both direct and indirect impacts of information and associated technology, including potential abuse of expert power, information overload, pornography and Internet addiction. 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 professionals.
Courses: IF52, IF54, IT20, IT21, IF38, IF48
Prerequisites: ITB310
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITN330

► ITB335 DIGITAL LIBRARIES
The development of automated library systems based upon analysis of subsystems such as acquisitions, circulation, cataloguing, reference and information retrieval and special materials control; standards for description, distribution and retrieval of information in such systems; integration of subsystems; linking of systems into networks and organisation of document delivery, access to digital collections, knowledge representation and information retrieval from databases and resource discovery within a coordinated framework; digitisation programs and their management.
Courses: IT21 **Prerequisites:** ITB222
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITN335

► ITB337 INFORMATION ORGANISATION 1
Principles and strategies for organising information; the nature of information; theory of indexing and classification; the structure of bibliographic databases and bibliographic records; international standards for information organisation; subject heading lists; library catalogues; indexing and abstracting services; library networks; adopting a client-approach to knowledge organisation; developing personal heuristics for approaching unfamiliar technologies.
Courses: IT21 **Prerequisites:** ITB310
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITP327

► 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 recording 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 of the range of media producers/publishers are 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 the 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, procedures for maintaining collection currency and the legal and ethical dimensions of information resource provision are also highlighted.
Courses: IT21 **Prerequisites:** ITB310
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITN338

► 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 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: IT21 **Prerequisites:** ITB322, ITB337
Credit points: 12
Contact hours: 2 per week, plus 2 placements each of 3 weeks
Incompatible with: ITN339

► ITB341 STRATEGIC INFORMATION AND KNOWLEDGE MANAGEMENT
The course attempts to describe the major approaches and the practical techniques that students are likely to encounter in formulating and implementing information and knowledge based strategic plans in a typical business organisation within a competitive environment. Students are guided systematically in acquiring the analytical and managerial skills required to develop information and knowledge based strategic plans that are aligned with organisational strategies, with a view to achieving organisational goals. It also deals with functions and practices of management that relate to provision of information and knowledge services, and utilisation of technology to support them.
Courses: IT52, IF54, IT20, IT21
Prerequisites: ITB310
Credit points: 12 **Contact hours:** 3 per week

► 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: IT21, IF38, IF58, IF79, IF48, IF59
Prerequisites: Nil
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP, CA
Semester offered: 1, 2 , 3

► ITB411 SOFTWARE DEVELOPMENT 2
Quality software development 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 application. This course provides the foundations of module specification and 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: IT21, IF58, IF59, IT79, IF38, IF48
Prerequisites: ITB410
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP, CA
Semester offered: 1, 2

► ITB412 TECHNOLOGY OF INFORMATION SYSTEMS
This unit is designed to introduce students to computer architecture and systems software. It deals with the organisation and operation of the hardware; the services provided by the operating system; and with input, storage and output data.
Courses: IT21, IF58, IF59, IT79, IF38, IF48, IF85, IF90
Prerequisites: Nil
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITN412

► ITB420 COMPUTER ARCHITECTURE
This unit encompasses: The organisation of simple computer systems and the way in which hardware provides the basic facilities for the machine, Programming at the assembly language level (80x86 assembly language is used). The programming of input-output operations including the use of the interrupt mechanism underlying operating system organisation of uniprocessor systems
Courses: IT20, IT21, IF58, IF59
Prerequisites: ITB412
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITN413

► ITB421 SOFTWARE DEVELOPMENT 3
The unit makes use of the C programming language as a tool for expressing abstraction and modular programming. Advanced table abstractions (balanced trees and hashing) are introduced along with the graph ADT, its implementation, and several common graph algorithms. Formal specification of programs is considered essential for abstract reasoning about data types and is integrated into the unit, as in the prerequisites.
Courses: IT20, IT21, IF59, IF90
Prerequisites: ITB411, ITB107
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITN414

► ITB424 SOFTWARE ENGINEERING PRINCIPLES
This unit presents the software engineering principles and the associated techniques and tools for producing software systems that are reliable, within budget, fully documented, and well tailored to their needs.
Courses: IT20, IT21, IF59, IF79, IF90
Prerequisites: ITB411 or ITN410, ITB106 (A knowledge of Java is recommended)
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITN424

► ITB427 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 addresses related 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, IF29, IF58, IF59
Prerequisites: ITB421, ITB412
Credit points: 12 **Contact hours:** 3 per week

► ITB432 ADVANCED PROGRAMMING LABORATORY
Team working; system documentation; requirements capture; rapid prototyping; user interface and GUI design; exposure to integrated development environment; GUI programming (windows/dialogs/menus) software component/object

use and development; applied software engineering.
Courses: IT21, IT38/IT45
Prerequisites: ITB424 & ITB448 (IT38/IT45: ITN424, IT35/IT40: ITN415 and ITN 424)
Credit points: 12 **Contact hours:** 3 per week

ITB433 PROGRAMMING LANGUAGES
General language overview: syntax, semantics, and types. Study of a modern functional language: types, higher-order routines, polymorphism, algebraic data types, and I/O. Language processing: scanners, parsers, translators, interpreters and compilers, grammars, abstract vs. concrete syntax, type rules and abstract machines. Examples, simple arithmetic expressions and a mini-programming language: EBNF and recursive descent parsing, interpretation, compilation, translation and simple type checking. General language processing.
Courses: IT21, IF58, IF59, IF79
Prerequisites: ITB411
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITN433

► ITB441 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 around); 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: IF52, IF59, IT20, IT21
Prerequisites: ITB421
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITN440
Campus offered: GP **Semester offered:** 2

► 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 overviews the history, scope, and limitations of AI as well as its 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 natural language understanding systems.
Courses: IT20, IT21, IF58, IF59, IF90
Prerequisites: ITB411
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITN441

► ITB447 PROJECT
Analysis, design and programming skills, and the underlying theory, are presented in various units; practice in those units naturally emphasises their particular specialisation. A project unit brings many of those skills together in a practical exercise of greater size and complexity, emphasising their complementary nature and the need for careful management. Students, either individually or in small groups, undertake a significant project, relevant to the needs of industry, government or a research area, carried out under the supervision of a staff member whose interests lie in the field of the project. Before work commences on the project, student(s) and supervisor must agree on the topic of the project and the scope of the work to be attempted. The role of the supervisor is to provide broad guidance on the methods and techniques to be used but progress depends largely on student initiative and problem-solving ability.
Courses: IT20, IT21
Prerequisites: Completion of at least 72 credit points of Software Engineering units
Credit points: 12 **Campus offered:** GP
Semester offered: 1, 2, 3

► ITB448 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, IF90
Prerequisites: Knowledge of the C language and Abstract Data Types eg. ITB421 and ITB107, or ITN410
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITN415

► 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 underpinning 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. The 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 10-13).
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 in games design; the use of artificial life in the design of games; user interface design and game control; networking techniques for multi-user environments; the 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
Presents the neurocomputing paradigm and explains the biological concepts on which it is based. Focus on how neurocomputing complements the tools of the computing professional; demonstrates that neurocomputing is an inherently parallel computing method. Discusses the strengths and limitations of the most used neural network architectures and training methods; provides hands-on experience with the analysis of real world pattern recognition problems.
Courses: IT20, IT21 **Prerequisites:** Nil
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITN461
Campus offered: GP **Semester offered:** 2

► ITB463 PATTERN RECOGNITION
Opportunities abound for the application of pattern recognition techniques to present-day problems, such as character recognition, digital image processing, financial forecasting, and the recognition of speech. This unit focuses upon three main approaches: statistical, syntactic, and neurocomputing. After completing this unit, students should have a good grounding in the fundamentals of each approach, with some perspective of the applicability of each.
Courses: IT20, IT21, IF58, IF59
Prerequisites: Nil
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITN445

► ITB464 MODERN COMPILER CONSTRUCTION
Regular expressions and context free grammars are introduced as convenient notations for formally specifying programming languages. The mechanical recognition of such languages is considered from a formal as well as practical/implementational point of view. Attribute grammars are discussed as a way of extending these simple recognisers into useful language translation tools. Intermediate forms such as abstract syntax trees and intermediate languages are examined as a bridge to machine code. Code generation for a realistic RISC machine is studied 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 discussed.
Courses: IT21, IT38/IT45, IF58
Prerequisites: ITB421
Credit points: 12 **Contact hours:** 3 per week

► ITB466 COMPONENT TECHNOLOGY
Relevant industrial technologies include 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: IT21, IT38/IT45
Prerequisites: ITB448 (IT38/IT45: ITN415)
Credit points: 12 **Contact hours:** 3 per week

► ITB468 SOFTWARE ENGINEERING PROJECT
Students work in groups on a significant project involving all phases of the software lifecycle from requirements on. The emphasis in this project unit is on the processes involved in software development and leading up to it, on the formal and informal communication that is part of that, and on evaluation (of the process) and estimation, rather than on the product itself. The unit includes readings and lectures in project management at the start of the semester. Students are required to report to the unit co-ordinator at several points during the semester and at the end of the semester. These reports will focus on the processes, project management involved and their evaluation.
Courses: IT21, IF58, IF79, IF59
Prerequisites: ITB424
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1,2, 3

► ITB469 UNIX SYSTEMS PROGRAMMING & ADMINISTRATION
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 and security aspects of LINUX operating system.
Courses: IT21, IF48, IF29, IF59
Prerequisites: ITB426 or ITB427
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP

► ITB470 WINDOWS 2000 SYSTEM PROGRAMMING & ADMINISTRATION
This unit builds on the general principles of operating systems gained in an earlier unit to provide specific knowledge and skills for programming and administering of computer installations consisting of multiple workstations

using the Microsoft Windows 2000 Operating System
Courses: IT21, IF59, IF58, IF29
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
The web is the most important computer system. However the web is rather different from traditional PC systems and this has important effects on software development. For example the web comprises of many loosely coupled machines that are heterogenous 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.
Courses: IT21
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) (eg. Ethernet), Wide Area Networks (WANs), and communications architectures (eg. TCP/IP). An overview of network management and network security issues.
Courses: IT21, IF38, IF48, IF58, IF59
Prerequisites: Nil
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITN510
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 completion of this unit, 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 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: IT21 **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 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: 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 networking hardware and the interaction of that hardware with application software and with networking media, issues arising from the use of networking especially 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, MAB177
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITN527
Campus offered: GP, CA
Semester offered: 1, 2

► ITB529 NETWORK SERVICES
This unit develops your practical knowledge of the design, implementation and operation of web based network services by using scripting programming languages. The unit includes network 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. 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 (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 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, 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: IF23, IT20, IT21, MA34, SC30, SC60
Prerequisites: MAB177
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITN549
Campus offered: GP **Semester offered:** 2

► ITB551 NETWORK PLANNING
Strategic planning and network technology; networked business applications; analysing and assessing networking opportunities; determining networking requirements; local and wide area network design issues; future planning.
Courses: IT21 **Prerequisites:** ITB527
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITN551
Campus offered: GP **Semester offered:** 2

► ITB564 APPLICATION SERVICES
The unit describes the role of networked object-oriented applications for data communications in 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 distributed data and distributed processing on networks; and collaborative computing.
Courses: IT20, IT21
Prerequisites: ITB529 or ITB458
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITN564
Campus offered: GP **Semester offered:** 2

► ITB565 NETWORK MANAGEMENT
Management of a large 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: IT20, IT21 **Prerequisites:** ITB525
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITN565
Campus offered: GP **Semester offered:** 1, 2

► ITB566 INTRODUCTION TO CRYPTOLOGY
This unit provides students with a background in the fundamental concepts of cryptology, both in the areas of cryptography and cryptoanalysis. Topics include: classical, modern and public key ciphers; practical cryptology.
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

► ITB568 WIRELESS NETWORKS
Wireless communications is rapidly becoming a more and more important part of everyday life. This unit aims to give the students the skill 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 area.
Courses: IT21 **Prerequisites:** ITB527
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITN568
Campus offered: GP **Semester offered:** 2

► ITB569 NETWORK SECURITY FOR E-COMMERCE
Network Security is required for all internetworked 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 secure e-commerce systems.
Courses: IT21 **Prerequisites:** ITB523
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITN569
Campus offered: GP **Semester offered:** 1

► ITB576 DATA COMMUNICATIONS 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 DATA COMMUNICATIONS 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

► ITB823 WEB SITES FOR ELECTRONIC COMMERCE
Systems analysis and design for e-commerce systems. The use of databases to store, alter and retrieve information. Creation of Internet based web pages using commonly available authoring tools.
Prerequisites: BSB112
Credit points: 12 **Contact hours:** 3

► ITB825 ELECTRONIC BUSINESS INFORMATION SYSTEMS
This unit introduces students to information technology in organisations, the way in which information systems technologies support key organisational functions, what information resources are available to them, and how various organisations' staff are involved in the systems development process. How organisations use these technologies and how they plan for, develop and implement technology applications are considered.
Courses: BS56, IF26, IF28, IF30, IF37, IF41, IF47, IF48, IF57, IF60, IF62, IF72
Prerequisites: BSB112 or equivalent
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **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 attributes including domains, primary and foreign keys, and the use of views. Update anomalies. The first three normal forms of relational database theory. Application development using a fourth generation database management system. Privacy, security and integrity.
Courses: PU40 **Prerequisites:** Nil
Credit points: 12 **Contact hours:** 3 per week

► 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 Email, Web browsers, Microsoft Word, Excel and Access.
Courses: CH32, SC30
Prerequisites: Nil
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1, 2

► ITB844 PROJECT (IF59)
Students in IF59, either individually or in small groups, undertake a substantial project relevant to the needs of industry designed to provide insight into industrial requirements. Each project is carried out under the supervision of a staff member whose interests lie in the field of the project. Before work commences on the project, the student(s) and supervisor must agree on the topic and the scope of the work to be attempted. This unit is offered over two semesters.
Courses: IF59
Prerequisites: Completion of 72 credit points in Software Engineering
Credit points: 24

► ITB906 INDUSTRIAL TRAINING EXPERIENCE
Consists of a one year work experience program. For more information about this program, refer to the Co-operative Education Program.
Courses: IT21
Credit points: 12

► ITD107 PROGRAMMING LABORATORY
Reinforcement of the fundamental programming concepts already introduced in ITD410 through a series of practical exercises. Develops practical programming skills in writing well structured and well documented software and in testing and debugging that software.
Courses: IT10
Prerequisites: ITD410
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: ITB107
Campus offered: KG **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 attributes including domains, primary and foreign keys, and the use of views; update anomalies; the first three normal forms of relational database theory; application development using a fourth generation database management system; privacy, security and integrity.
Courses: IT10
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: ITB225
Campus offered: KG **Semester offered:** 1, 2, 3

► ITD410 SOFTWARE DEVELOPMENT 1
Introduces the techniques and concepts 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: IT10
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: ITB410
Campus offered: KG **Semester offered:** 1, 2, 3

► ITD411 SOFTWARE DEVELOPMENT 2
Quality software development 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 application. This course provides the foundations of module specification and 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: IT10 **Prerequisites:** ITD410
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: ITB411
Campus offered: KG **Semester offered:** 1, 2, 3

► ITD412 TECHNOLOGY OF INFORMATION SYSTEMS
Topics include: number systems, data formats, the Little Man Computer model, the CPU and memory, instructions in the computer, programming tools, input/output, computer peripherals, overview of operating systems, the user view of operating system, and the internal operating system and file management.
Courses: IT10
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: ITB412
Campus offered: KG **Semester offered:** 1, 2, 3

► ITD510 DATA COMMUNICATIONS
An introduction to telecommunications and data communication networks with specific reference to the World Wide Web (WWW), Local Area Networks (LANs) (e.g. Ethernet), Wide Area Networks (WANs), and communications architectures (e.g. TCP/IP). An overview of network management and network security issues.
Courses: IT10
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: ITB510
Campus offered: KG **Semester offered:** 1, 2, 3

► ITN100 RESEARCH METHODOLOGY
In this unit students are introduced to the research process, research quality control, research project management, and research methodology. Students examine how to source relevant literature, critique results, manage a research project, and how to write a research proposal.
Courses: IT30, IT35, IT40, IT60, IF49
Prerequisites: Nil
Corequisites: ITN110 (corequisite for honours only) or equivalent
Credit points: 12

► ITN110 PROJECT (HONOURS)
This unit is a research project. Normally, the unit will be followed by an honours dissertation (24 CP). The unit itself complements ITN100 Research Methodology, and gives students the opportunity to pilot one phase of the proposed research program. This unit allows students to acquire necessary skills in a problem domain, review the applications of other researchers, and to implement a component of the proposed research. The unit also exercises students in preparing a well written research report.
Courses: IT30
Prerequisites: ITN100
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 within 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: IT30
Prerequisites: ITN100, ITN110 (12 credit point project) (In some circumstances these may be undertaken concurrently after consultation with the Honours co-ordinator)
Credit points: 24 to be completed in a single semester
Contact hours: By arrangement with the supervisor(s) of the project, but the minimum desirable contact should be once per week. It is the responsibility of the student to ensure that the frequency of such contact is sufficient.

► ITN124 DISSERTATION 2 (CS)
Designed to enable a student to undertake research work in a particular area of information technology. Topic is decided by agreement between the student and a supervising staff member.
Courses: IT30 **Prerequisites:** ITN100, ITN110
Credit points: 24
Campus offered: GP **Semester offered:** 1, 2, 3

► ITN125 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: IT30 **Prerequisites:** ITN100, ITN110
Credit points: 24 **Contact hours:** 1 per week
Campus offered: GP **Semester offered:** 1, 2, 3

► ITN132 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 within 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: IT30
Prerequisites: 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: By arrangement with the supervisor(s) of the project, but the minimum desirable contact should be once per week. It is the responsibility of the student to ensure that the frequency of such contact is sufficient.

► ITN134 DISSERTATION 2 (CS)
Designed to enable a part-time student to undertake research work in a particular area of information technology. Topic is decided by agreement between the student and a supervising staff member.
Courses: IT30 **Prerequisites:** ITN100, ITN110
Credit points: 24
Campus offered: GP **Semester offered:** 1, 2, 3

ITN135 DISSERTATION 2 (DC)
Designed to enable a part-time student to undertake research work in a particular area of infor-

mation technology. Topic is decided by agreement between the student and a supervising staff member.
Courses: IT30 **Prerequisites:** ITN100, ITN110
Credit points: 24 **Contact hours:** 1 per week
Campus offered: GP **Semester offered:** 1, 2, 3

► ITN142 MAJOR PROJECT (IS) FULL-TIME
An appropriately sized problem is formulated in consultation with one or more project supervisors in either the School of Information Systems or the School of Computing Science and Software Engineering, and is usually associated with one of the research interests within the School. Student and supervisor must agree on a topic, scope and semester plan for the work to be attempted. At the end of the semester, the outcome of the investigation is presented to the School both orally and in written form.
Courses: IT40
Prerequisites: ITN100 **Credit points:** 48
Contact hours: By arrangement with the supervisor of the project. Minimum contact should consist of one meeting per week.

► 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.
Courses: IT40
Prerequisites: ITN100 **Credit points:** 48
Contact hours: By arrangement with the supervisor of the project. Minimum contact should consist of one meeting per week

► 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.
Courses: IT40
Prerequisites: ITN100 and 84 credit points in relevant postgraduate units
Credit points: 48 **Contact hours:** 1 per week
Campus offered: GP **Semester offered:** 1, 2, 3

► ITN152 MAJOR PROJECT (IS) PART-TIME
An appropriately sized problem is formulated in consultation with one or more project supervisors in either the School of Information Systems or the School of Computing Science and Software Engineering, and is usually associated with one of the research interests within the School. Student and supervisor must agree on a topic, scope and semester plan for the work to be attempted. At the end of the semester, the outcome of the investigation is presented to the School both orally and in written form.
Courses: IT40 **Prerequisites:** ITN100
Credit points: 48 (24 per semester in consecutive semesters)
Contact hours: By arrangement with the supervisor of the project. Minimum contact should consist of one meeting per week.

► 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.
Courses: IT40 **Prerequisites:** ITN100
Credit points: 48 (24 per semester in consecutive semesters)
Contact hours: By arrangement with the supervisor of the project. Minimum contact should consist of one meeting per week

► ITN155 MAJOR PROJECT (DC)
Designed to enable a part-time 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.
Courses: IT40
Prerequisites: ITN100 and 84 credit points in relevant postgraduate units
Credit points: 48 **Contact hours:** 1 per week
Campus offered: GP **Semester offered:** 1, 2, 3

► ITN160 RESEARCH PLAN (MIT BY RESEARCH)
This unit is a research project. Normally, the unit will be followed by a master's thesis (96 CP).
The unit itself complements ITN100 Research Methodology, and gives students the opportunity to pilot one phase of the proposed research program. This unit allows students to acquire necessary skills in a problem domain, review the applications of other researchers, and to implement a component of the proposed research. The unit also exercises students in preparing a well written research report.
Courses: IT60 **Prerequisites:** ITN100
Credit points: 12 **Contact hours:** 3 per week

► ITN162 PROJECT (IS)
An appropriately sized problem is formulated in consultation with one or more project supervisors, in either the School of Information Systems or the School of Computing Science and Software Engineering, and is usually associated with one of the research interests within the School. Student and supervisor must agree on a topic, scope and semester plan for the work to be attempted. At the end of the semester, the outcome of the investigation is presented to the School both orally and in written form.
Courses: IT35/IT40
Prerequisites: Minimum of 48 credit points in course units
Credit points: 24

► ITN164 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.
Courses: IT35/IT40
Prerequisites: Minimum of 48 credit points in course units
Credit points: 24

► ITN165 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.
Courses: IT35/IT40
Prerequisites: 48 credit points in relevant postgraduate units
Credit points: 24 **Contact hours:** 1 per week
Campus offered: GP **Semester offered:** 1, 2, 3

► 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.
Courses: IT35/IT40
Prerequisites: Minimum of 48 credit points in course units
Credit points: 24 (12 per semester in consecutive semesters)

► 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.
Courses: IT35/IT40
Prerequisites: Minimum of 48 credit points in course units
Credit points: 24 (12 per semester in consecutive semesters)

► ITN175 PROJECT (DC)
Designed to enable a part-time student to undertake research work in a particular area of information technology. Topic is decided by agreement between the student and a supervising staff member.
Courses: IT35/IT40
Prerequisites: 48 credit points in relevant postgraduate units
Credit points: 24 **Contact hours:** 1 per week
Campus offered: GP **Semester offered:** 1, 2, 3

► ITN180 MAJOR PROJECT (IS)
Each student will undertake a substantial project relevant to the needs of commerce or industry. Ideally, the project will be set 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.
Courses: IT50
Prerequisites: Nil **Credit points:** 48
Campus offered: GP **Semester offered:** 1, 2, 3

► ITN181 MAJOR PROJECT (IS) PT
Each part-time student will undertake a substantial project relevant to the needs of commerce or industry. Ideally, the project will be set 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.
Courses: IT50
Prerequisites: Nil **Credit points:** 48
Campus offered: GP **Semester offered:** 1, 2

► ITN183 MAJOR PROJECT (CS)
Each student will undertake a substantial project relevant to the needs of commerce or industry. Ideally, the project will be set 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.
Courses: IT50
Prerequisites: Nil **Credit points:** 48
Campus offered: GP **Semester offered:** 1, 2, 3

► ITN184 MAJOR PROJECT (CS) PT
Each part-time student will undertake a substantial project relevant to the needs of commerce or industry. Ideally, the project will be set 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.
Courses: IT50
Prerequisites: Nil **Credit points:** 48
Campus offered: GP **Semester offered:** 1, 2, 3

► ITN185 MAJOR PROJECT (DC)
Each student will undertake a substantial project relevant to the needs of commerce or industry. Ideally, the project will be set 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.
Courses: IT50, IT95 **Prerequisites:** Nil
Credit points: 48 **Contact hours:** 1 per week
Campus offered: GP **Semester offered:** 1, 2, 3

► ITN186 MAJOR PROJECT (DC)
Each part-time student will undertake a substantial project relevant to the needs of commerce or industry. Ideally, the project will be set 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.
Courses: IT50, IT95 **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 Development Methods, Information Gathering, Process and Data Modelling, Automated Tools, Design techniques 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 formally specified. A specification language, in the form of the Z notation, is used to formulate unambiguous requirements for an information model. The entity-relationship (ER) approach is used to provide a graphical perspective on the model, which will be implemented via SQL. This is a foundation unit for the further study of database and information systems theory and practice.
Courses: IT38/IT45
Prerequisites: Nil **Corequisites:** Nil
Credit points: 12 **Contact hours:** 3 per week

► ITN219 APPLICATION PROGRAMMING
Extends student skills in structured program design 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 INFORMATION TECHNOLOGY
This unit explores aspects of Information Systems Technology judged to be of current or potential importance. These include matters relating to standards, emerging technologies as well as social and ethical considerations.
Courses: IF64, IT35/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 methodologies and techniques of object-oriented analysis and design. With an applied emphasis on database systems.
Courses: IT30, IT35/IT40, IT38/IT45
Prerequisites: ITN410, ITN211
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITB236, ITB448
Campus offered: GP **Semester offered:** 2

► ITN223 4GL SYSTEMS
Characteristics of 4GL development environments; Database creation and manipulation in a 4GL environment; Principles of report and screen design; Development of information systems in a 4GL environment.
Courses: IT38/IT45 **Prerequisites:** ITN212
Credit points: 12 **Contact hours:** 3 per week

► ITN227 WEB APPLICATIONS
Design Elements for Interactive Web Front Ends; Architecture of web-enabled database applications; Database Design for web enabled database applications.
Courses: IT35/IT40, IT38/IT45
Prerequisites: ITN212 **Corequisites:** Nil
Credit points: 12 **Contact hours:** 3 per week

► ITN232 DATABASE SYSTEMS
The unit introduces the theoretical foundations of databases, system implementation techniques, and gives an overview of emerging database technologies and applications.
Courses: IT38/IT45
Prerequisites: ITN212
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITB232

► ITN233 ENTERPRISE SYSTEMS APPLICATIONS
I) Enterprise Systems Management, The SAP Example, The Enterprise Systems Lifecycle, II) The main modules of Enterprise Systems, Accounting (Financial Accounting, Controlling), Human Resource Management, Logistics (Materials Management, Production Planning and Control, Sales and Distribution), Integration of this modules, III) E-Commerce and Customer Relationship Management
Courses: IT38/IT45
Prerequisites: ITB228 (for IT students), BSB112 (for Business students), and BNB007 (for Engineering students)
Corequisites: Nil
Credit points: 12 **Contact hours:** 4 per week
Campus offered: GP

► ITN242 DATA WAREHOUSING FOR DECISION SUPPORT
The essential data mining and knowledge representation techniques used to extract intelligence from data and experts. Problem handling and techniques will be drawn from typical industry applications and real world data sources. Common problems from the field of Finance, Marketing and Operations/Service that demonstrate the use of the various techniques and the tradeoffs involved in choosing from among them.
Courses: IT35/IT40
Prerequisites: ITN212 **Corequisites:** Nil
Credit points: 12 **Contact hours:** 3 per week

► ITN243 KNOWLEDGE-BASED SYSTEMS
Propositional and Predicate logic, knowledge representation, AND/OR graphs, semantic consequence, natural deduction, resolution.
Courses: IT38/IT45
Prerequisites: ITN212
Credit points: 12
Contact hours: 3 per week
Incompatible with: ITN231

► ITN244 SPECIAL TOPIC 1A
These units are designed to allow for the significant development of, or emphasis in, information systems not dealt with in other course units. Selected topics and study areas are offered as required and when the expertise is available. See School of Information Systems announcements for details of topics being offered.
Courses: IT30, IT35/IT40 **Prerequisites:** Nil
Credit points: 12 **Contact hours:** 3 per week

► ITN245 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: 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 broaden their knowledge in an area of relevance to their employment. Topic is decided by agreement between the student and a staff member acting a supervisor. A short 20 minute demonstration and/or presentation will be required before the due date for submitting the report in last week of the semester.
Courses: IT35/IT40
Prerequisites: At least 48 credit points completed
Credit points: 12
Contact hours: By arrangement with the supervisor 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 agreement between the student and a staff member acting a supervisor. A short 20 minute demonstration and/or presentation will be required before the due date for submitting the report in the last week of the semester.
Courses: IT35/IT40
Prerequisites: At least 48 credit points completed
Credit points: 12
Contact hours: By arrangement with the supervisor of the project. Minimum contact should consist of one meeting per week.

► ITN251 ISSUES IN INFORMATION TECHNOLOGY MANAGEMENT
Unit presents sound management principles - drawing on findings from both applied research and case studies - in dynamic field of information technology. Critical success factors for IT Managers including human resource dimensions of strategy-formulation and successful planning for new IT diffusion projects are the focus. Unit has appeal for both IT students and management postgraduate students as well as practitioners. Examine strategic importance of IT, issues that relate to developing organisation's IT strategy, information technology planning, selected hardware and software trends, attendant human resource aspects, and methodologies for assessing performance aspects. Underpinning such assessments is the impact of new work trends such as virtual teams, and telework, along with other forms of distributed work.
Courses: IT30, IT35/IT40, IT38/IT45
Prerequisites: IT38/45: Completion of Block 1 units
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITN283

► ITN252 PROCESS ENGINEERING
I) Process Management: Business Process (Re)Engineering, Process Innovation, The Process Life-Cycle, Process Modelling with ARIS, and the SAP Reference Models. II) Organisational Units in SAP R/3: MM, SD, FI, CO. III) Implementing Enterprise Systems: A Process-oriented Approach, SAP IMG, ValueSAP, ARIS for mySAP.com, Solution Maps. IV) Benefits Realisation: RBE, PPM
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; process engineering; outsourcing; implementation issues (such as business process reengineering, benefits realisation and change management), alignment issues, relationship management.
Courses: IT30, IT35/IT40
Prerequisites: ITN251
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITN282

► ITN254 INTERACTIVITY DESIGN
Introduction to interactivity design and the usability engineering lifecycle; human cognition and perception and their effect on user interactivity; introduction to contextual analysis; the usability engineering life cycle; usability goal setting; planning and carrying out evaluation of interface designs; structured interactivity design methods; guidelines and standards for interface design; testing & evaluating interface designs; basics of support printed manuals, demonstration and discussion of prototypes; summary and review.
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

► 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: IT38/IT45, IT35/IT40
Prerequisites: ITN251
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITB255
Campus offered: GP **Semester offered:** 2

► ITN257 MULTIMEDIA SYSTEMS
Multimedia Authoring; Cognitive aspects of multimedia; The Media Elements; Still images, vector images and text; Video and animation; Sound (wave form, MIDI, voice); Compression and transmission of multimedia; Hypermedia; Client/Server considerations for multimedia delivery; Programming development for multimedia; Combining media; The Future in Multimedia.
Courses: IT38/IT45
Prerequisites: IT38/IT45: ITN212; IT35/IT40: Nil
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 **Incompatible with:** ITB258

► ITN260 E-COMMERCE SITE DEVELOPMENT
The aims of an electronic commerce site. The business objectives. Issues in a site: design, software, databases, payment, staffing, hosting and maintenance. Applications development over the Internet. Producing and evaluating site quality.
Courses: IT38/IT45, IT35/IT40
Prerequisites: ITN257 or ITN520
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITB260
Campus offered: GP

► ITN262 E-COMMERCE TECHNOLOGIES
This unit provides an introduction to some of the information technologies being used to support electronic commerce. In particular, it will cover (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 electronic services, catalogues, negotiation, and trading.
Courses: IT38/IT45
Prerequisites: ITN212, ITN410
Corequisites: Nil
Credit points: 12 **Contact hours:** 3 per week

► 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 content analysis, statistical approaches for Web users' profiling, automated negotiation in electronic market-places.
Courses: IT38/IT45
Prerequisites: Basic knowledge in sets, functions, and predicates (eg. by completing ITN243 or ITN212); and basic Java 2 programming skill
Corequisites: Nil
Credit points: 12 **Contact hours:** 3 per week

► ITN265 MANAGMENT OF INFORMATION PROGRAMS
Application of 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: ITB310
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITB265
Campus offered: GP **Semester offered:** 2

► ITN271 WORKFLOW MANAGEMENT
Workflow Management as a perspective on Process Engineering, Benefits, Success Factors, Selection and Implementation, Workflow Modelling, Petri Nets, Workflow Patterns, Organisational Modelling, Workflow Architectures and Workflow solutions, Workflow-based process Controlling, Workflows on the Web.
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
I) ES Management, II) Technical Architecture of SAP R/3 as an exemplar Enterprise System, III) A process walk through functional boundaries (spanning FI,MM,PP,CO), IV) The ES Lifecycle, V) Implementation Processes, VI) Implementation Issues, VII) Case Study critiques, and VIII) Future of Enterprise Systems
Courses: IT50, IT93
Prerequisites: Nil **Corequisites:** Nil
Credit points: 12 **Contact hours:** Nil
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 **Credit points:** 12
Contact hours: Nil

► 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 capture in the data warehouse and traditional databases in supporting management functions such as decision making and planning.
Courses: IT50, IT93
Prerequisites: Nil **Credit points:** 12
Incompatible with: ITN255
Campus offered: GP **Semester offered:** 2

► ITN286 PROCESS ENGINEERING & EWS
I) Process Management: Business Process (Re)-Engineering, Process Innovation, The Process Life-Cycle, Process Modelling with ARIS, and the SAP Reference Models. II) Organisational Units in SAP R/3: MM, SD, FI, CO. III) Implementing Enterprise Systems: A Process-oriented Approach, SAP IMG, ValueSAP, ARIS for mySAP.com, Solution Maps. IV) Benefits Realisation: RBE, PPM
Courses: IT50 **Prerequisites:** Nil
Credit points: 12 **Contact hours:** Nil
Incompatible with: ITN252
Campus offered: GP **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, BRBACKUP, & BRARCHIVE utilities for database administration functions; Management of Users, Authorisations and Profiles, Use of automated system administration tools provided with R/3.
Courses: IT50 **Prerequisites:** Nil
Credit points: 12 **Contact hours:** Nil
Incompatible with: ITN245
Campus offered: GP **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 **Contact hours:** Nil

► ITN290 PROJECT (KNOWLEDGE MANAGEMENT)
Students working individually or in groups, may pursue a specialised area or broaden their knowledge in areas of relevance to their profession. 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
Process Management: Business Process Engineering, Process Modelling and Simulation, SAP Reference Models, ES Implementation, Benefits Realisation, Project Management, Benchmarking.
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; demographic data; government resources; marketing information sources; patents, standards; census data, company annual reports; people as sources of information; ethics of information gathering.
Courses: IT38/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 development of the information society concept and policy issues in both public and private organisations as well as professional bodies such as the Australian Computer Society and Australian Library & Information Association. Representative issues

addressed are: information ownership, equity in information access, protection of information, Internet censorship and pornography, information overload, and other It-related issues. Also examined are issues of professional responsibility and ethics in the information professions, a framework for ethical use of information in organisations, and the influence that legislation may have on information policy.
Courses: IT38/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: ITB330

► ITN335 DIGITAL LIBRARIES
The development of automated library systems based upon analysis of subsystems such as acquisitions, circulation, cataloguing, reference and information retrieval and special materials control; standards for description, distribution and retrieval of information in such systems; integration of subsystems; linking of systems into networks and organisation of document delivery, access to digital collections, knowledge representation and information retrieval from databases and resource discovery within a coordinated framework; digitisation programs and their management.
Courses: IT38/IT45, IT25
Prerequisites: ITN211
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITB335
Campus offered: GP **Semester offered:** 2

► ITN336 INFORMATION SOURCES 1
Different media and the publishing process; primary, secondary and tertiary published information resources; lead-in tools, general reference tools, abstracting and indexing services (print and electronic); characteristics of resources in business, law, government, science, technology, health and medicine, humanities and social sciences; conducting a client interview; selecting a database; selecting a database provider; developing a search strategy; designing a search query; the proliferation of Internet resources; Web organization; search engines; digital reference services; reference, instruction and information literacy; management of the reference process, the value of information literacy competencies.
Courses: IT25
Prerequisites: Nil **Corequisites:** Nil
Credit points: 12 **Contact hours:** 3 per week

► ITN337 INFORMATION ORGANISATION 1
Principles and strategies for organising information; the nature of information; theory of indexing and classification; the structure of bibliographic databases and bibliographic records; international standards for information organization; subject heading lists; library catalogues; indexing and abstracting services; library networks; adopting a client-approach to knowledge organization; developing personal heuristics for approaching unfamiliar technologies.
Courses: IT25
Prerequisites: Nil **Corequisites:** Nil
Credit points: 12 **Contact hours:** 3 per week

► ITN338 INFORMATION RESOURCES 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 recording 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 of the range of media producers/publishers are 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 the 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, procedures for maintaining collection currency and the legal and ethical dimensions of information resource provision are also highlighted.
Courses: IT25 **Prerequisites:** Nil
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITB338
Campus offered: GP **Semester offered:** 2

► ITN339 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 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 placements of three weeks
Incompatible with: ITB339
Campus offered: GP **Semester offered:** 2

► ITN361 INFORMATION USER INSTRUCTION
This unit introduces students to principles and techniques for designing, implementing and evaluating instruction that will enhance their client's ability to work within contemporary information environments. Different approaches to information literacy and information literacy education will be considered, and ways of conceiving teaching and learning will be explored.
Courses: IT25, IT38/IT45, IT35/IT40
Prerequisites: ITN336, ITN337
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 2

► 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 trees, hash tables; algorithm analysis - complexity measures, the big-O notation; software engineering - analysis, specification, design coding, test planning and testing, documentation and life cycle. This unit provides students with practical experience in designing, implementing and testing software.
Courses: IT35/IT40, IT38/IT45
Prerequisites: Previous one-semester tertiary level programming unit using a modern block-structured language (eg. Pascal, Modula, Ada, C, Java)
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITB421

► ITN412 TECHNOLOGY OF INFORMATION SYSTEMS
Topics include: Number systems, data formats, the Little Man Computer model, the CPU and memory, instructions in the computer, programming tools, input/output, computer peripherals, overview of operating systems, the user view of operating system, and the internal operating system and file management.
Courses: IT38/IT45 **Prerequisites:** Nil
Credit points: 12 **Contact hours:** 3
Incompatible with: ITB412

► ITN413 COMPUTER ARCHITECTURE
This unit encompasses: The organisation of simple computer systems and the way in which hardware provides the basic facilities for the machine, Programming at the assembly language level (80x86 assembly language is used). The programming of input-output operations including the use of the interrupt mechanism underlying operating system organisation of uniprocessor systems.
Courses: IT35/IT40, IT38/IT45
Prerequisites: ITB412
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITB420

► ITN414 SOFTWARE DEVELOPMENT 3
The unit makes use of the C programming language as a tool for expressing abstraction and modular programming. Advanced table abstractions (balanced trees and hashing) are introduced along with the graph ADT, its implementation, and several common graph algorithms. Formal specification of programs is considered essential for abstract reasoning about data types and is integrated into the unit, as in the prerequisites.
Courses: IT35/IT40, IT38/IT45
Prerequisites: ITB411, ITB107
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITB421

► ITN415 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: IT35/IT40, IT38/IT45
Prerequisites: Knowledge of the C language and Abstract Data Types eg. ITB421 and ITB107, or ITN410
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITB448

► ITN421 SOFTWARE SPECIFICATION
The use of formal methods is viewed as an integral part of the software engineering process. The unit includes formal specifications and uses refinement methods to derive code. Students are introduced to a variety of specification styles, and are given more detailed instruction in the use of the Z specification language.
Courses: IT30, IT35/IT40, IT38/IT45
Prerequisites: Nil
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, within budget, fully documented, and well tailored to their needs.
Courses: IT35/IT40, IT38/IT45
Prerequisites: ITB411 or ITN410 and ITB106 (A knowledge of Java is recommended)
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITB424

► 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 addresses related 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: IT35/IT40, IT38/IT45
Prerequisites: ITB421, ITB412
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 control underlying their construction. A number of representative systems will be examined throughout the subject with practical work being carried out us-

ing Java and the Common Object Request Broker Architecture (CORBA) to reinforce theoretical concepts in a practical setting.
Courses: IT30, IT35/IT40, IT38/IT45
Prerequisites: ITB427
Credit points: 12 **Contact hours:** 3 per week

► ITN432 ADVANCED PROGRAMMING LABORATORY
Team working; system documentation; requirements capture; rapid prototyping; user interface and GUI design; exposure to integrated development environment; GUI programming (windows/dialogs/menus) software component/object use and development; applied software engineering.
Courses: IT38/45, IT35/40
Prerequisites: IT38/45: ITN424,
IT35/40: ITN415, ITN424
Credit points: 12 **Contact hours:** 3 per week

► ITN433 PROGRAMMING LANGUAGES
General language overview: syntax, semantics, and types. Study of a modern functional language: types, higher-order routines, polymorphism, algebraic data types, and I/O. Language processing: scanners, parsers, translators, interpreters and compilers, grammars, abstract vs. concrete syntax, type rules and abstract machines. Examples, simple arithmetic expressions and a mini-programming language: EBNF and recursive descent parsing, interpretation, compilation, translation and simple type checking. General language processing.
Courses: IT35/IT40, IT38/IT45
Prerequisites: ITB411
Credit points: 12 **Contact hours:** 3
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 around); 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
Incompatible with: ITB441
Campus offered: GP **Semester offered:** 2

► ITN441 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 overviews the history, scope, and limitations of AI as well as its 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 natural language understanding systems.
Courses: IT30, IT35/IT40, IT38/IT45
Prerequisites: ITB411
Credit points: 12 **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 exploring the 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
Introduction to proven traditional and promising new algorithms for recognising and operating on patterns in data. Nature of patterns and their computer representation; feature extraction; one-dimensional patterns; syntactic pattern recognition; string, tree, web, flex and shape, glamer, parsing; basic image processing algorithms; classification of high dimensional data; neural network algorithms for pattern recognition.
Courses: IT30, IT35/IT40, IT38/IT45
Prerequisites: Nil
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1

► ITN446 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
Prerequisites: 48 credit points in relevant post-graduate units
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 course program. See noticeboard for further information.
Courses: IT30, IT35/IT40, IT38/IT45
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 2

► ITN449 MINOR PROJECT 2 (CS)
Students may pursue a specialised area or broaden their knowledge in an area of relevance to their employment. Topic is decided by agreement between the student and a supervising staff member.
Courses: IT35/IT40
Prerequisites: 48 credit points in relevant post-graduate units
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1,2, 3

► ITN450 COMPILER LABORATORY
Students will work individually or in small groups on a project based around the .NET or JVM version of Gardens Point Component Pascal.
Courses: IT60, IT35/IT40, IT38/IT45
Credit points: 12 **Contact hours:** 3 per week

► ITN454 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: IT38/IT45
Prerequisites: ITN424 or ITN211
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITB454
Campus offered: GP **Semester offered:** 1

► ITN458 JAVA & EXTENSIBLE PROGRAMMING
An introduction to the Java language, its standard libraries, the theoretical models underpinning 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. The 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 10-13).
Courses: IT35/IT40, IT38/IT45
Prerequisites: ITB421 or equivalent knowledge of Data Structures and C or ITN410 or ITN414
Credit points: 12
Contact hours: 3 per week
Incompatible with: ITB458
Campus offered: GP

► ITN466 COMPONENT TECHNOLOGY
Relevant industrial technologies include COM/ActiveX, Java/JavaBeans and COBRA. This unit combines an in-depth coverage of these approaches with a thorough introduction to their relation to the theoretical concepts of component-orientated software development.
Courses: IT38/45, IT35/40
Prerequisites: ITN415
Credit points: 12 **Contact hours:** 3 per week

► ITN469 UNIX SYSTEM PROGRAMMING & ADMINISTRATION
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 LINUX operating system. Topics covered include: 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 system.
Courses: IT35/IT40, IT38/IT45
Prerequisites: ITB426 or ITB427
Credit points: 12 **Contact hours:** 3 per week

► ITN481 OBJECT TECHNOLOGY
The unit provides an introduction to Object Technology and C++. The unit first examines how using object-oriented techniques can lead to more robust solutions than traditional design 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: IT50, IT91
Prerequisites: Assumed knowledge of C programming, abstract data types and basic software engineering principles
Credit points: 12 **Incompatible with:** ITB448

► ITN483 SOFTWARE ENGINEERING & QUALITY ASSURANCE
The unit introduces students to the discipline and principles of software engineering and quality assurance. The unit consists of 4 modules:
Software Engineering Process,
Software Engineering Techniques,
Quality Assurance Management, and
Quality Assurance Techniques
Courses: IT50, IT91
Prerequisites: Assumed knowledge - Experience in software development
Credit points: 12 **Incompatible with:** ITB454

► ITN484 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 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: ITN431

► ITN485 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; creating a coherent server environment; tuning your system for performance and troubleshooting your system.
Courses: IT50 **Prerequisites:** Nil
Credit points: 12 **Contact hours:** Nil
Campus offered: GP **Semester offered:** 1

► ITN510 DATA COMMUNICATIONS
An introduction to telecommunications and data communications networks with specific reference to the World Wide Web (WWW), Local Area Networks (LANS) (e.g. Ethernet), Wide Area Networks (WANs), and communications architectures (e.g. TCP/ IP). An overview of network 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, 3

► 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 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: IT38/IT45, IT35/IT40
Prerequisites: IT38/IT45: ITN510, IT35/IT40: Nil
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,
IT38/IT45: 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: ITN524
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITB525
Campus offered: GP **Semester offered:** 1, 2

► ITN527 NETWORK TECHNOLOGIES
This unit covers a study of the operation of networking hardware and the interaction of that hardware with application software and with networking media, issues arising from the use of networking especially 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: 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 design, implementation and operation of web based network services by using scripting programming languages. The unit includes network protocol design, models of client-server systems, object-oriented applications, CGI script programming, middleware, super-servers, and security of client-server systems.
Courses: IT35, IT38, IT40, IT45
Prerequisites: IT38, IT45: ITN524, ITN410.
IT35, 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 infrastructures. Underlying security technologies are considered within a broader legal and standards environment for the protection of enterprise networks, particularly as electronic commerce activities gather pace. Research topics in this area will also be identified.
Courses: IT30, IT35/IT40, IT38/IT45
Prerequisites: ITN566 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 (MCSE).
Courses: IT35/IT40 **Prerequisites:** ITN524
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITB533
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 form part of a secure system; 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; each 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, 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: ITB549
Campus offered: GP **Semester offered:** 2

► ITN551 NETWORK PLANNING
Strategic planning and network technology; networked business applications; analysing and assessing networking opportunities; determining networking requirements; local and wide area network design issues; future planning.
Courses: IT35/IT40
Prerequisites: ITN527
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITB551
Campus offered: GP **Semester offered:** 2

► ITN556 ADVANCED TOPICS IN CRYPTOLOGY
Design and cryptanalysis of ciphers; in depth study of methods for forming secure ciphers and attacking various ciphers; secret sharing schemes; crypto-protocols, including zero knowledge systems; current topics in cryptology.
Courses: IT30, IT35/IT40
Prerequisites: ITN566
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 2

► ITN564 APPLICATION SERVICES
The unit describes the role of networked object-oriented applications for data communications in 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 distributed data and distributed processing on networks; and collaborative computing.
Courses: IT35/IT40, IT38/IT45
Prerequisites: ITN529 or ITN458
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITB564
Campus offered: GP **Semester offered:** 2

► ITN565 NETWORK MANAGEMENT
Management of a large 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, 2

► ITN566 INTRODUCTION TO CRYPTOLOGY
This unit provides students with a background in the fundamental concepts of cryptology, both in the areas of cryptography and cryptoanalysis. Topics include: classical, modern and public key ciphers; practical cryptology.
Courses: IT35/IT40, IT38/IT45
Prerequisites: IT35/IT40: Nil,
IT38/IT45: MAB177
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITB566
Campus offered: GP **Semester offered:** 1

► ITN567 ACCESS CONTROL
This unit examines access 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 trusted systems and the common criteria used 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: IT38/IT45: ITN510.
IT35/IT40: 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 skill 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 area.
Courses: IT35/IT40 **Prerequisites:** ITN527
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITB568
Campus offered: GP **Semester offered:** 2

► ITN569 NETWORK SECURITY FOR E-COMMERCE
Network Security is required for all internetworked 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 secure E-commerce systems.
Courses: IT38/IT45, IT35/IT40
Prerequisites: ITN523
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITB569
Campus offered: GP **Semester offered:** 1

► 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, IT38/IT45
Prerequisites: Completion of at least 36 cedit points of units in the Graduate Diploma/Masters course.
Credit points: 12 **Contact hours:** 1 per week
Campus offered: GP **Semester offered:** 1, 2, 3

► 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
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1, 2, 3

► 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 cryptology and about modern symmetric and asymmetric ciphers. Students will be able to use and apply cryptology and to perform research and offer advice in the area of cryptology
Courses: IT50, IT92 **Prerequisites:** Nil
Credit points: 12 **Contact hours:** Flexible
Semester offered: 1

► ITN582 INFORMATION SECURITY MANAGEMENT
Students will learn about the organisational requirement for information security and about management attitudes to information security. The development, role and application 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: 2

► 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 requirements to particular distributed information systems environments. Students will also identify key aspects of security requirements and solutions in the areas of electronic commerce systems and the global information infrastructure, and identify pertinent business and legal obligations relevant to the activities of the information technology professional.
Courses: IT50, IT92
Prerequisites: ITN581 or equivalent
Credit points: 12 **Contact hours:** Flexible
Semester offered: 2

► 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 is the important area of smart cards and smart card systems. Students will learn about user identification and authentication issues and will examine 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

► ITN590 INDUSTRY BASED PROJECT (INFORMATION SECURITY)
The unit requires students 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, IT50
Prerequisites: Satisfactory completion of at least 24 credit points of Information Security units
Credit points: 12 **Contact hours:** Flexible
Semester offered: 1, 2, 3

► ITZ211 SYSTEMS ANALYSIS & DESIGN
Systems Development Life Cycle, Systems Development Methods, Information Gathering, Process and Data Modelling, Automated Tools, Design techniques and Guidelines, Prototyping, Quality Assurance in information systems.
Courses: IT34 (Off-shore offering)
Prerequisites: Nil
Credit points: 12 **Contact hours:** 3 per week
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 be formally specified. A specification language, in the form of the Z notation, is used to formulate unambiguous requirements for an information model. The entity-relationship (ER) approach is used to provide a graphical perspective on the model, which will be implemented via SQL. This is a foundation unit for the further study of database and information systems theory and practice.
Courses: IT34 (Off-shore Offering)
Prerequisites: Nil
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITN212, ITB212

► ITZ410 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 trees, hash tables; algorithm analysis - complexity measures, the big-O notation; software engineering - analysis, specification, design coding, test planning and testing, documentation and life cycle. This unit provides students with practical experience in designing, implementing and testing software.
Courses: IT34 (Off-shore offering)
Prerequisites: Previous one-semester tertiary level programming unit using a modern block-structured language (e.g. Pascal, Modula, Ada, C, Java)
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITB421, ITN410

► ITZ510 DATA COMMUNICATIONS
An introduction to telecommunications and data communications networks with specific reference to the World Wide Web (WWW), Local Area Networks (LANS) (e.g. Ethernet), Wide Area Networks (WANs), and communications architectures (e.g. TCP/ IP). An overview of network management and network security issues.
Courses: IT34 (Off-shore offering)
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITN510, ITB510, ITD510

► JSB131 FRAMING SOCIAL JUSTICE
The Justice Studies degree is about producing competent justice professionals. In order to achieve this purpose, this degree combines knowledge of the criminal justice system with an understanding and appreciation of the complexities of social justice. The purpose of this unit is to introduce students to the structural parameters of social justice.
Courses: JS31, LW41, LW42
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: JSB101, JSB011
Campus offered: KG **Semester offered:** 1

► 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 students and justice professionals. This unit introduces basic skills in research and written and oral communication in order to lay a successful foundation for academic and professional achievement.
Courses: JS31, LW42, LW41
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: JSB012, JSB014
Campus offered: KG **Semester offered:** 1

► JSB133 LAW AND GOVERNMENT
The justice professions have as their common factor an involvement in the process of law, and particularly the administration of law and law enforcement. The increasing role of governments in law-making is a significant feature of modern times. This unit introduces you to the concepts of law and government. It examines the role of government in making and administering the law and encourages you to start thinking critically and analytically about legal, political and justice issues. Law and Government provides those of you who intend to work in the justice system with a foundation framework of key legal and political information and knowledge. You will use this knowledge throughout your studies and in your future professional careers.
Courses: JS31
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: JSB103, JSB013
Campus offered: KG **Semester offered:** 1

► JSB134 SOCIAL ETHICS AND THE JUSTICE SYSTEM
It is essential for those working in the justice system to be able to competently and confidently work at the borders between ethics and the law. Ethical ability will enable practitioners to critically assess the moral status of current laws, to interpret acceptable standards of behaviour in situations not covered by the laws, as to develop shared understandings of moral responsibility in justice organisations and the wider community.
Courses: JS31, LW42, LW41
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 1

► JSB135 UNLOCKING CRIMINAL JUSTICE
The Justice Studies Degree is about producing competent Justice Professionals. In order to achieve this purpose, this degree combines knowledge of the criminal justice system with an understanding and appreciation of the complexities of social justice. This unit in particular focuses on the theoretical and practical relationship between social justice and criminal justice by examining not only the concepts of human rights, equality, social justice and citizenship, but asking students to apply this knowledge to a series of practical situations. This application happens throughout the lectures and tutorials as well as within the assessment.
Courses: JS31, LW41, LW42
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. The domain of forensic psychology concerns itself with the behaviour of people involved in the justice system, in particular, the criminal and civil components of the legal justice system. By its very nature forensic psychology draws from a wide multi-disciplinary base for the application of its specialised knowledge. Hence, you will need a broad introductory appreciation and critical perspective on what forensic psychology involves and has to offer in relation to the Law and the practice of it by a range of practitioners within the legal justice system.
Courses: 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 units in the course and equip you with the necessary understandings to enter employment in the Justice System. The unit will also provide you with knowledge necessary to act responsibly as an informed citizen in Australian society. In addition to an understanding of criminal justice related issues, this unit helps you to build on your understanding of the relationship between law and society, as well as develop problem-solving skills appropriate to a legal and justice context.
Courses: JS31
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 as such 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 offered: KG **Semester offered:** 2

► JSB231 UNDERSTANDING CRIMINOLOGY
This unit deals with formal criminological theories of crime and crime control. Particular attention is drawn to various concepts, assumptions and propositions contained in criminological theories and the contribution which criminological knowledge has made to advancing our understanding of crime and crime control. Criminological theories are viewed as integral to a range of governmental practices aimed at ensuring the regulation and control of particular 'problem populations'. The unit develops an analytical framework in order to critically assess the epistemological claims and justifications found in all formal articulations of criminological theory. 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 concerned with the administration and management of youth crime through formal systems designed to prevent and reduce unlawful acts. Particular attention is drawn to the historical development of youth justice in Australia and to the changing nature of youth crime control across jurisdictions. Contemporary articulations of youth crime control are examined in relation to Queensland's system of youth justice, particularly as this relates to young indigenous people, young women and those from various social classes and ethnic groups. Theoretically, the unit takes as its starting point a genealogical analysis that focuses on questions of 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: JSB041
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 Correction supervision are fine defaulters (and have committed only minor offences), it remains the case that a significant majority of those labelled 'deviant' by our police and judicial systems never go to prison. How did we arrive at this situation? We need to study the philosophical and ideological evolution of probation, parole and other alternative sanctions if we are to understand current community corrections systems.
Courses: JS31, LW41, LW42
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: JSB317, JSB073
Campus offered: KG **Semester offered:** 2

► JSB241 INTRODUCTION TO INVESTIGATIONS AND POLICING
As a consequence of the changing nature of society and the criminal justice system various investigatory agencies have been established to deal with the designated investigations as well as possible breaches of any accompanying legislation. As the police make up a major part of the Criminal Justice System, it is the police who predominantly instigate criminal justice procedures which follow-on to involve other components of the Criminal Justice System. Due to the diversity of both public and private agencies becoming involved in the investigative process it is important that students grasp an understanding of the machinery of this process. Also it is considered important that students are aware of and understand the development of policing up to 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
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. Those students undertaking the Investigations, Intelligence and Policing major need to understand issues of criminal procedure and due process as well as specific contexts of criminal law.
Courses: JS31, LW41, LW42
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: JSB204, JSB024
Campus offered: KG **Semester offered:** 1

► JSB243 INTELLIGENCE LED INVESTIGATIONS
Intelligence Led Investigations is the final unit for the Major in Investigation, 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 government, the private sector and the community. Intelligence offers an advantage through the provision of accurate and timely advice. Intelligence requires proficiency in thinking strategies and skills, interpersonal effectiveness skills, teamwork and application of intelligence process methodologies 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 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: JSB081
Campus offered: KG **Semester offered:** 1

► JSB252 CITIZENSHIP AND JUSTICE
Society demands certain responsibilities from people once they become adults. Legal rights and responsibilities apply to adult citizens in our society whenever they engage in social relations. Some of the most important of these rights and responsibilities involve the law and occur in the areas of property, family, employment and social welfare. This subject is concerned with an analysis of the legal rights and responsibilities of adult citizens in Australia in terms of owning property, being involved in relationships, being employed or unemployed, and receiving welfare from the government.
Courses: ED50, JS31, LW41, LW42
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: JSS005, JSB082
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 by, often to perform an oversight role on public administration. Justice professionals need to know the range of agencies with such watchdog roles, and their powers and responsibilities. A good understanding of the theoretical and political framework within which the investigative and other powers of oversight agencies are exercised and utilised is important for those who may carry out, evaluate or critique the powers of such watchdogs. 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 dingoes. Necessary understanding for anyone concerned with accountable public administration.
Courses: JS31, LW42, LW41
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 2

JSB331 PRISONS AS INDUSTRY
The modern Western prison has a two hundred year history. That history follows no Darwinian pattern of evolutionary logic. Instead, it fits and starts, it lurches forward and leaps backwards, seemingly often at the individual whim of powerful bureaucrats rather than in response to any dominant public discourse of the time.
What does the near future hold? More prisons, less prisons or none? The technological push, increasing privatisation and expanding captive labour forces all have implications for the future of the prison. To what extent will political and economic imperatives, rather than social discourse,

dictate the future of our prisons? This unit sets out to examine the future of punitive incarceration.
Courses: JS31, LW41, LW42
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: JSB318, JSB074
Campus offered: KG **Semester offered:** 1

► JSB332 CRIME CONTROL AND GOVERNANCE
This unit deals with the way in which crime control is administered in western neo-liberal states, with specific reference to Australia. Based on a critical criminological perspective, the unit considers contemporary 'cultures of crime control' as part and parcel of a governmental approach to the attempted management of 'problem populations' in the neo-liberal state. 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 'globalisation' impact on such developments?
Courses: JS31, LW41, LW42
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: JSB304, JSB021
Campus offered: KG **Semester offered:** 2

► JSB333 RESPONDING TO CRIME
Current directions in research on the 'crime problem', based in developmental and cognitive psychology, outline a complex web of intervention in the lives of 'at risk' populations. This shift from a reactive crime control model to a pro-active crime prevention model, has been embraced by governments at both state and federal level in Australia and elsewhere. Students intent upon working in the criminological field need to fully understand both the strengths and weaknesses of this new way of understanding crime. Most important however, will be the implications of such a major shift in the control of 'criminal populations', which is well beyond the scope of the traditional criminal justice system.
Courses: JS31, LW41, LW42
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: JSB044
Campus offered: KG **Semester offered:** 2

► JSB341 INVESTIGATIONS, EVIDENCE AND POLICE POWERS
Students endeavouring to undertake employment within the Justice System need to be introduced to a core component of that System, namely, the criminal law particularly Police Powers and evidence.
This unit of study will provide a comprehensive knowledge base of some of the principles, rules and concepts of police powers and selected evidentiary components. This together with an understanding and application of these principles, concepts and rules to selected situations will ensure a better analysis and appreciation of the workings of the Criminal Justice System as a whole.
Courses: JS31, LW42, LW41
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: JSB031, JSB051
Campus offered: KG **Semester offered:** 1

► JSB342 ORGANISED CRIME
The apparent growth of organised crime, both nationally and internationally, in recent years has resulted in a deepening commitment on the part of law enforcement agencies to its suppression. Although not confined to the association with illicit drugs, the so-called drug trade is a major enterprise behind the proliferation of organised crime. Another consequence of organised crime is the development of corruption through the diverse levels of society. Students therefore will gain an understanding of the historical development, social perceptions and consequences and the perceived extent of organised crime. Students will also consider the strategies employed to combat organised crime including the extent of investigations and/or Commissions of Inquiry documented to date.
Courses: JS31, LW41, LW42
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: JSB310, JSB053
Campus offered: KG **Semester offered:** 2

► JSB343 FUTURE POLICING STRATEGIES
The role of policing has changed considerably since its inception. The last decade or so has been particularly transient. The enforcement emphasis that was previously promulgated has been refocussed towards service to the community and problem solving in collaboration with the community, not wholly resting with the police agencies. In addition, the advancements in technology and overall societal changes have also impacted on the role of policing within contemporary society. On this basis students undertaking this unit will be exposed to some of the issues that require further debate and analysis as we move into the 21st century.
Courses: JS31, LW41, LW42
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: JSB054
Campus offered: KG **Semester offered:** 2

► JSB351 ADMINISTRATIVE JUSTICE
It is essential that justice professionals know and understand the rules of administrative law as well as the underlying philosophy of administrative justice so that those working in the public sector understand the rules that guide their decision making as well as the avenues of appeal from any decision they make. Those working in the community sector need to know how to question administrative decisions and actions and be able to challenge the power of government when it contravenes principles of administrative justice. The unit is organised around theoretical perspectives of democracy, specifically participation and accountability, and examines mechanisms of State accountability, their philosophy and practice so as to provide a strong working knowledge of the administrative justice system and its legal, social and political environment.
Courses: ED50, JS31, LW41, LW42
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: JSB083
Campus offered: KG **Semester offered:** 1

► JSB352 INDIGENOUS JUSTICE
It is essential that justice professionals know and understand the rules of administrative law as well as the underlying philosophy of administrative justice so that those working in the public sector understand the rules that guide their decision making as well as the avenues of appeal from any decision they make. Those working in the community sector need to know how to question administrative decisions and actions and be able to challenge the power of government when it contravenes principles of administrative justice. The unit is organised around theoretical perspectives of democracy, specifically participation and accountability, and examines mechanisms of State accountability, their philosophy and practice so as to provide a strong working knowledge of the administrative justice system and its legal, social and political environment.
Courses: JS31, LW42, LW41
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG
Semester offered: 1 (Not offered 2002)

► JSB353 GLOBAL JUSTICE
Debates over the protection and enforcement of human rights norms within the Australian social, legal and political landscape are increasingly prevalent. The influence and impact of human rights standards in the enactment of legislation, policy and public administration needs to be understood by all justice professionals, particularly since moves by the High Court in the last decade to increasingly recognise and incorporate international human rights norms into Australian law. Similarly, knowledge and understanding of Australia's international, regional and domestic human rights obligations and activities are vital for all justice professionals. An understanding of the theoretical and practical frameworks of human rights norms and their influence in global justice is necessary to foster a critical appreciation of Australia's position and role in the enhancement of global justice, e.g. our contribution to international treaties such as the greenhouse gas protocol.
Courses: ED50, JS31, LW41, LW42
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: JSB314, JSB084
Campus offered: KG **Semester offered:** 2

► JSB405 JUSTICE ORGANISATIONS
In justice organisations, whether they are government or non-government, dynamics operate that mark the organisation as more or less effective, efficient or accountable. The culture of a particular organisation underpins much of what occurs both internally and in its external relationships. The dynamics and the culture can be understood from a variety of perspectives. It is important that serving professionals or those seeking entry into such organisations have some understanding of the issues that impact on organisational culture and attitudes as it relates to justice organisations.
Courses: JS40
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 reveal conflicting ideas about what justice actually means both theoretically, and in practice. Students who are to graduate with honours In a Bachelor of Justice require a sophisticated level of understanding of theories of justice in a social and criminal context if they are to effectively apply in practice the content knowledge they have acquired in the course of their study.
Courses: JS40 **Credit points:** 12
Contact hours: Regular meetings with supervisor
Incompatible with: JSN001
Campus offered: KG **Semester offered:** 1

► JSB412 LITERATURE REVIEW
Employment as a researcher in government departments and justice agencies and the successful undertaking of higher degree study require an ability to independently design and execute complex research projects. The Honours year 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 specialised literature relevant to their nominated field of research and to appreciate the significance of literature reviews to larger research projects.
Courses: JS40
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.
Courses: JS40
Credit points: 12 **Contact 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 with specialist supervision.
This unit in conjunction with thesis 2, 3 and 4 is a major part of the Honours program and begins the process of thesis conceptualisation and formulation. Together with the unit, Literature Re-

view, this unit provides the first semester preparation for the honours dissertation.
Courses: JS40 **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 from the formal adjudication of the legal system, to the less structured forum of mediation, to the process of negotiation. The unit will also help you to develop the professional and interpersonal skills necessary for you to manage conflict effectively in a variety of contexts relevant to the Justice system.
Courses: JS31, LW41, LW42
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 and understanding of research design and analysis. This subject builds upon research skills acquired in first and second year study and is thus intended to provide advanced knowledge and skills in research design and methodology for use in the fields of criminal justice, justice administration and criminology.
Courses: JS31, LW41, LW42
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 they will be particularly involved with them in their working lives, and will need to be aware of what characterises contractual promises, how they are interpreted, how they affect us once validated, how they can be invalidated or discharged and what sorts of remedies arise from them. Such promises follow us through life, not only at 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: JSS002, 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: JSS003, 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 emphasises the fundamental links between, science, social justice and the legal system while outlining the various rules of evidence in Australian courts. Professionals involved in science, law enforcement and justice administration need a clear understanding of the fundamental rules and legal principles relating to the investigation of, and admissibility of evidence. The rationale is to provide knowledge that equips students to work in this area.
Courses: SC01, JS31, LW42, LW41
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 2

► JSN001 THEORIES OF JUSTICE 1
Centrally concerned with and/or clarifying the assumptions that underpin arguments about what is just or unjust within various spheres of contemporary Australian society. The unit provides a framework for evaluating the relative usefulness of various theories of justice in terms of their theoretical implications and practical applications. The unit focuses on the interface between justice, postmodernism and the law.
Courses: JS51, LW51
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 governmentality. Attention is paid to the emergent contexts of criminological theories, and the contribution these have made to advancing our understanding of crime and its attempted management.
Courses: JS51, LW51
Credit points: 12 **Contact hours:** 2 per week
Campus offered: KG **Semester offered:** 1

► JSN003 APPLIED CRIMINOLOGY
Expands knowledge of theories of criminality and an understanding of criminology as a discipline. In particular, the unit examines key and emerging debates within criminology and invites students to apply theoretical knowledge to contemporary, practical situations. Issues to be canvassed will include fear of crime, crime prevention strategies, white collar crime, criminal careers and the over-representation of indigenous people in the criminal justice system.
Courses: JS51, LW51
Credit points: 12 **Contact hours:** 2 per week
Campus offered: KG **Semester offered:** 1

► JSN004 ISSUES IN CRIMINAL JUSTICE
Examines the issue of domestic violence from an interdisciplinary perspective with an emphasis on the criminal justice system response. It includes topics such as the nature and extent of domestic violence and the effect on its victims. The changing criminal justice response; coordinated community responses; policing approaches and protection orders.
Courses: JS51, LW51
Credit points: 12 **Contact hours:** 2 per week
Campus offered: KG **Semester offered:** 2

► JSN005 THEORIES OF JUSTICE 2
Extends and develops the framework introduced in Theories of Justice I. The focus of the unit is on the interface between public policy and the Law as an instrument of social transformation in a Liberal Democratic Society. Initially, the unit explores the development of emotional and moral reasoning as a backdrop to the larger analysis of various public policies. The unit provides the opportunity for students to carry out advanced research into various justice models and their implications/applications as well as to produce a range of evaluative criteria against which to judge the degree of 'justice' in relation to a particular social problem within the realm of legal and public policy.
Courses: JS51, LW51
Prerequisites: JSN001
Credit points: 12 **Contact hours:** 2 per week
Campus offered: GP **Semester offered:** 2

► JSN006 INDEPENDENT STUDY 1
Designed to enable students to pursue particular aspects of their coursework or of professional interest in more depth. It is an opportunity for students to refine and develop research skills. Students are required to complete a piece of research under the guidance of an academic supervisor.
Courses: JS51
Credit points: 12 **Contact hours:** 2 per week
Campus offered: KG **Semester offered:** 1

► JSN007 INDEPENDENT STUDY 2
A continuation of the unit JSN006, Independent Study 1 and offers students the opportunity to extend further aspects of their coursework or professional interest in more depth, as well as to continue the process of refining and developing research skills.
Courses: JS51
Prerequisites: JSN006
Credit points: 12 **Contact hours:** 2 per week
Campus offered: KG **Semester offered:** 2

► JSN012 LAW MORALITY AND THE MEDIA
The unit focuses on intelligence activities relative to the rights of individuals, their 'need to know' and their 'right to know'. It examines relationships and responsibilities of intelligence professionals and organisations in Australian society, specifically: the nature, roles of intelligence, counterintelligence and security; laws and other instruments which protect individuals and their activities against unlawful intelligence and security actions and operations; human rights issues; perspectives of public and private morality; and, the media's right to disclose intelligence and security matters.
Courses: JS51, LW51
Credit points: 12 **Contact hours:** 2 per week
Campus offered: KG **Semester offered:** 2

► JSN014 LAW, JUSTICE AND NEW GENETIC TECHNOLOGIES
Our ability to test, screen and manipulate the human genome is made possible by recent technological breakthroughs in science. The science of genetics is not new, but its public profile has never been higher. Current initiatives in genetic knowledge have been described as an international voyage of scientific discovery. The scientific findings are prompting major rethinking of concepts of law and justice. The legal community faces a perpetual challenge in keeping apace of the revolution in genetics. This unit looks at some legal implications of this revolution and charts the major responses of our legal system to modern genetics and biotechnology. The rationale 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. Correspondingly, scientists of the next century will feel the impact of the law across their discoveries. All justice related professionals will benefit from advanced knowledge of the increasingly complex dimensions to the interaction between law and the modern genetics genie.
Courses: JS51, LW51
Credit points: 12 **Contact hours:** 2 per week
Campus offered: GP **Semester offered:** 1

► JSN020 RESEARCH PROJECT 1
This unit is to be taken in conjunction with JSB021. It will enable selected students, through appropriate selection criteria, to focus on particular topics of specific personal and/or professional 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 taken in conjunction with JSN020. It will enable selected students, through appropriate selection criteria, to focus on particular topics of specific personal and/or professional 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:** 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, nationally 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: JS25
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 policies and performance.
Courses: JS25
Credit points: 12 **Contact hours:** Intensive
Campus offered: KG **Semester offered:** 2

► JSP058 ORGANISATIONAL PRACTICES FOR EXECTUVE POLICING
The emphasis of this unit is on the effective formulation, 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 officer's responsibility to exercise effective command 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 interdependent model of intelligence and security; thinking and creative problem solving; personal characteristics of the professional; interpersonal effectiveness skills and culture; and analytical style and preferences.
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 concept of Protective Security and illustrates its relevance and professional application to society as a whole. The conventional functional areas of security are addressed as well as the recognition of new areas where confidentiality and integrity are important. The subject concentrates on the theories, principles and their practical applications to the three 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 systematic enquiry, naturalistic research and qualitative approaches addressing goal selection, types of data, 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 the main areas with protective security. This unit covers the methods and techniques for the collection of information and its management and analysis. Students conduct formal audits and complete written reports on their findings. Planning and controlling the flow of information
Courses: JS25, JS41
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 2

► JSP065 INTELLIGENCE & NATIONAL SECURITY
Critically examines the notions and concepts of National Security. It explores functions, roles and responsibilities for national security in the Australian context. The basic tenet is that intelligence and security are support functions that ensure the safety, security and quality of life within a nation. These concepts of security and intelligence, the essentials of an intelligence system, and multidisciplinary factors are applied to issues related to environment, economy and society. The principal focus will be on issues that constitute actual and potential threats to national security in Australia in the 21st century, and on examination of the means available and obstacles to support threat management.
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; physical/material security; Information security; personnel security; computer security; economic/industrial espionage; and conducting a security operation.
Courses: JS25, JS41
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 1

► JSP067 INTELLIGENCE, ORGANISATIONS, PERSONNEL & OPERATIONS
Concerned with the management of intelligence and security personnel and operations. It recognises the need for managers to be attuned to the context and environment in which they are operating. The unit examines organisational structures against proven principles. It acknowledges the importance of people, and examines the specific needs of personnel systems in the intelligence and security business. Ethical and legal consideration, and the requirement for strict accountability, 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
Innovations in media and communication technologies have been deeply implicated in the evolution of human society from ancient times to the present. This unit explores the enabling capacities of media and communications, as well as other aspects of media power from a variety of perspectives, in the development of the modern nation state, consumer culture and the global information economy.
Courses: Creative Industries Open elective
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MJB140
Campus offered: GP **Semester offered:** 1

► KCB150 MEDIA AND COMMUNICATIONS INDUSTRIES
This unit provides an introduction to media and communications industries, with particular reference to the Australian media and communications industries and associated issues. The course 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: MJB150
Campus offered: GP
Semester offered: Not 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, community media and multimedia. The unit consid-

ers these industries from social, historical and industrial perspectives, examines the development and implementation of regulation and policy, and explores a range of contemporary and future issues.
Courses: Open elective
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MJB204
Campus offered: GP **Semester offered:** 2

► KCB213 STRATEGIC SPEECH COMMUNICATION
Based in rhetorical and group communication theory and informed by a knowledge of semiotics, specifically the way sign systems both create and interpret social meaning. Through these theories it introduces students to a fuller understanding of the verbal and nonverbal languages 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: BS50, BS56, IF26, IF28, IF30, IF41, IF47, IF48, IF62
Prerequisites: BSB117; or 48 credit points of approved prior study for non-Bachelor of Business students only
Credit points: 12
Incompatible with: COB134, MJB180, COB213
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 or civic cultures, minority cultures and subcultures, the Internet as a tool for political action, and questions of community, identity and social inequality in Internet culture. It would also discuss discussion group moderation, 'flaming' and conflict management, and ethical and privacy issues on the Web.
Courses: Open elective
Prerequisites: 96 credit points of undergraduate study or enrolment in MJ30, MJ31, or MJ32
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MJB295
Campus offered: GP **Semester offered:** 1

► KCB311 COMMUNICATION PRACTICE INTERPERSONAL 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. Topics relating to organisational communication, public relations and advertising will inform content, practice and assessment.
Courses: BS50, BS56, IF26, IF28, IF30, IF41, IF47, IF48, IF62
Prerequisites: COB213 or MJB180
Credit points: 12
Incompatible with: COB158, COB311
Campus offered: GP **Semester offered:** 1

► KCB335 COMMUNICATION STRATEGY AND TECHNOLOGY
Communication strategy requires an analysis of the environment, as well as the organisation's capacity to respond to that environment. All businesses are being confronted by rapid changes, including social, economic, and technological change. Communication professionals need to be aware of these changes so they can make intelligent decisions regarding communication strategies and practices. A major focus of the unit involves a specific examination of the impacts of communication technology on communication strategy. The unit creates a theoretical base for targeting messages appropriately in the practice of public relations, advertising and organisational communication. The unit thus raises student awareness of contemporary issues that shape communication strategy.
Courses: BS56, IF26, IF28, IF30, IF41, IF47, IF48, IF62
Credit points: 12
Incompatible with: COB310, COB335
Campus offered: GP **Semester offered:** 1

► KCB336 NEW MEDIA TECHNOLOGIES
This unit examines the relationship between new technologies and media production in their social and cultural context. It evaluates the impact of digitisation and convergence on work, leisure, film, TV, print media and other areas of cultural production; and considers the contribution of media theory to insights about the cultural, economic and political impacts of new media technologies.
Courses: IF26, IF35, MJ20, KC32, IF10, IF09
Prerequisites: 144 credit points of undergraduate study
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MJB336
Campus offered: GP **Semester offered:** 2

► KCB348 APPLIED MEDIA STUDIES
In this unit students explore ways in which their knowledge of media industries, audiences and texts finds application in employment contexts. Students also develop and consolidate an applied understanding of databases in the process of maintaining and developing an online directory of media and related organisations serving the greater Brisbane area. Questions of professional practice in online and workplace environments are also discussed, with particular reference to matters of freedom of expression, accuracy and fairness, access and equity, cultural difference, privacy, security and intellectual property.
Courses: MJ20, KC32
Prerequisites: MJB349 or KCB349. Available to MES students only.
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MJB348
Campus offered: GP **Semester offered:** 2

► KCB349 MEDIA AUDIENCES
A knowledge of and ability to research audiences is essential to a detailed and comprehensive understanding of the media. The ability to undertake quantitative and qualitative research into various audience groupings, the use of associated analytical tools and the ability to critically analyse academic and industry based audience research are important skills for students undertaking research in Media Communication and those seeking employment in media industries.
Courses: 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: MJB349
Campus offered: GP **Semester offered:** 1

► KCB350 GLOBAL MEDIA CULTURES
Global Media Cultures explores the creation, distribution and reception of media and popular cultural phenomena in an international context. Students will both examine issues of globalisation, transnationalism and cultural imperialism, and use global media technologies to conduct research and complete assessment items. This unit is taught collaboratively with Massachusetts Institute of Technology and 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 QUT and MIT will work collaboratively to produce group projects investigating a particular global media phenomenon or issue.
Courses: MJ20, KC32
Prerequisites: 144 credit points of undergraduate Creative Industries study plus GPA >5.0
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MJB350
Campus offered: GP **Semester offered:** 1

► KCB351 MEDIA & COMMUNICATIONS INDUSTRY PLACEMENT 1
This unit involves students applying the conceptual knowledge, research techniques and project management skills acquired during their degree to a specific project or projects on behalf of a media and communications organisation. Working in teams and in conjunction with a nominated media and communications organisation students will develop, implement and report on a project or series of projects for that organisation. This unit may be taken individually in order to develop a small-scale project over the course of a semester, or it may be taken in conjunction with Media and Communications Industry Placement 2 to develop a larger scale project(s) over the course of one or two semesters.
Courses: IF09
Prerequisites: 144 credit points of undergraduate Creative Industries study
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1, 2

► KCB352 MEDIA & COMMUNICATIONS INDUSTRY PLACEMENT 2
This unit involves students applying the conceptual knowledge, research techniques and project management skills acquired during their degree to a specific project or projects on behalf of a media and communications organisation. Working in teams and in conjunction with a nominated media and communications organisation students will develop, implement and report on a project or series of projects for that organisation. This unit is taken as an extension of Media and Communication Industry Placement 1 (either in separate semesters or concurrently) to develop a larger scale project(s) over the course of one or two semesters.
Courses: IF09
Prerequisites: 144 credit points of undergraduate Creative Industries study
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP
Semester offered: Not offered 2002

► KCN404 COMMUNICATION PRACTICE FOR PROFESSIONALS
Covers key theoretical principles 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 skills of staff, 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, COB217
Campus offered: GP **Semester offered:** 1

► KCN404 COMMUNICATION PRACTICE FOR PROFESSIONALS
Covers key theoretical principles 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 skills of staff, and preparation for staff training and consulting in these roles.
Courses: BS39, BS72, BS88
Prerequisites: PG only **Credit points:** 12
Incompatible with: CON404
Campus offered: GP **Semester offered:** 1

► KCN410 INTERPERSONAL COMMUNICATION & NEGOTIATION
Explores the theory and practice of interpersonal communication and negotiation. It focuses on the role of interpersonal and group skills in the development of effective work teams. Current understandings of the dynamics of power and participation in communication processes in organisations will be used to contextualise the experience of the individual and the group. An analysis of the possibilities of, and the con-

straints on, effective interpersonal communication will be undertaken to provide the opportunity for students to develop strategies to support workplace practice.
Courses: BS72, BS88, BS39
Prerequisites: PG only **Credit points:** 12
Incompatible with: CON410
Campus offered: GP **Semester offered:** 1

► KCP018 CREATIVE INDUSTRIES
This unit provides an overview of the creative industries as a major element of the global knowledge economy. It critically analyses issues such as the rise of a knowledge-based economy, technological convergence, networks and clusters, services industries, creative cities, globalisation, creativity and consumption, intellectual property issues, social entrepreneurship and social capital.
Courses: Creative Industries Core Unit
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1

► KCP110 MEDIA THEORY AND POLICY
This unit will involve postgraduate student in the School of Media and Journalism in developing an advanced-level understanding of theoretical issues in media studies, and relating these to the critical analysis of media policy. It will also provide practical skills in the formation and evaluation of policy documents in Australian media, in the context of considering the relationship of such trends to developments at a regional and global level.
Courses: KK54, KP35, KP36, KC36, KC42, KK51
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MJP110
Campus offered: GP **Semester offered:** 1

► KCP336 NEW MEDIA TECHNOLOGIES
This unit considers the social, cultural, economic and political implications of development of new media technologies, such as the Internet and World Wide Web, broadband cable and satellite technologies. This unit considers the historical development of technologies; different understandings of digital culture; the impact of new media forms upon cultural practices and modes of social interaction; the impact of new media in traditional media industries (print, broadcast) and areas such as entertainment and education; and the legal, regulatory and policy issues arising from the development of new media technologies.
Courses: KK54, KP35, KP36, KC36, KC42, KK51
Prerequisites: 96 credit undergraduate study in Creative Industries; GPA >5
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: KCB336
Campus offered: GP **Semester offered:** 2, 3

► KCP353 CREATIVE INDUSTRIES RESEARCH SEMINAR
The capacity to undertake research utilising a range of methodologies is a central skill for advocacy, policy analysis, and industry development 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 study.
Courses: KK54, KP35, KP36, KC36, KC42, KK51
Prerequisites: 96 credit points of undergraduate study in Creative Industries
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP
Semester offered: Not offered 2002

► KCP354 CREATIVE INDUSTRIES IN ASIA
This unit provides an overview of creative industries development in the Asian region. Recognising the diversity of the Asian region, it tracks the emergence of cultural policy in the period of decolonisation after World War II and the transitions arising from economic growth, globalisation, consumerism and liberalisation. It considers the ways that the transition to a global knowledge economy has led to new challenges and tensions in nation-states in the Asian region, with a particular focus on Singapore, Malaysia, India and China. It also looks at the circulation of media and cultural forms in Asian diasporic communities, as well as Australian media and creative industries in Asia.
Courses: KC42, IF04
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 2

► KCP355 CREATIVE INDUSTRIES PROJECT
This unit will involve students in the writing of a major analytical essay or research project that systematically engages with a topic related to an aspect of the development of the creative industries. It may engage with social, cultural, policy, legal, ethical, political or economic aspects of the development of creative industries or media and creative practice (including developments in digital media), with a local, regional, national or international perspective. It may take the form of a reflective essay upon creative or professional practice undertaken by the student.
Courses: KC42, IF04
Prerequisites: 96 credit points of undergraduate study in Creative Industries; enrolment in KC42
Credit points: 24 **Contact hours:** 6 per week
Campus offered: GP **Semester offered:** 1, 2, 3

► KCP356 CREATIVE INDUSTRIES PLACEMENT 1
This unit involves students in the Master of Creative Industries to applying the conceptual knowledge, research techniques and project management skills to a specific project or projects in the creative industries. This unit may be taken individually in order to develop a small scale project over the course of a semester, or it may be taken in conjunction with Creative Industries Placement 2 to develop a larger scale project(s) over the course of one or two semesters.
Courses: KC42, IF04
Prerequisites: 96 credit points undergraduate study in Creative Industries; enrolment in KC42 or IF04
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP
Semester offered: Not offered 2002

► KCP357 CREATIVE INDUSTRIES PLACEMENT 2
This unit involves students in the Master of Creative Industries to applying the conceptual knowledge, research techniques and project management skills to a specific project or projects in the creative industries. This unit is taken as an extension of Creative Industries Placement 1 (either in separate semesters or concurrently to develop a larger scale project(s) over the course of one or two semesters.
Courses: KC42, IF04
Prerequisites: KCP356; 96 credit points of undergraduate study in Creative Industries
Corequisites: KCP356
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP
Semester offered: Not offered 2002

► KCP392 DIGITAL MEDIA PROJECT
This unit will involve students in the development of an in-depth project, pursued independently or in collaboration with an industry, government or community partner, on a topic relating to digital media. The final project may take on of many forms, including Web publication and/or design; it may be a collaborative project; it may; be an industry or community-based project. It will involve the creative application of skills and knowledge in digital media systems, technologies and software, to undertake an activity that is informed by audience, client and community needs and expectations. It may involve a placement being arranged with an industry, government or community partner, or the further development and application of current or projected initiatives in the student's workplace or community context.
Courses: KC36, IF02, IF03, KC42, IF04
Prerequisites: 48 credit points of postgraduate study
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MJP392
Campus offered: GP **Semester offered:** 2, 3

► KDB053 GENDER ISSUES IN THE VISUAL & PERFORMING ARTS
This unit introduces students to the ways in which the arts contribute to, or challenge, concepts of femininity and masculinity in Western European culture. Areas covered include; an overview of various strands of feminist thought; discussion of key issues in the sex/gender debate; analysis of the representations of gender in both historical and contemporary examples of dance, drama, music and visual arts.
Courses: Open Elective
Prerequisites: Nil **Corequisites:** Nil
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB053
Campus offered: KG **Semester offered:** 1

► KDB065 DANCE & THEATRE OF ASIA
Historical overview of dance and theatre practice in selected countries in Asia; examines artistic process and product in relation to socio-cultural context in which the art form and the artists exist. Influence of philosophical traditions, world views, economic pressures, political constraints and inter/intracultural contact will be examined in relation to performing arts practice in Asia and its subsequent impact on Australia.
Courses: KD25, KD32, KS25, KS26, KV25, KV32,KI25, KI32, KM32
Prerequisites: KDB064
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB065
Campus offered: KG **Semester offered:** 2

► KDB106 THE ANALYSIS OF MODERN DANCE
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.
Courses: Open Elective
Prerequisites: KDB125
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB106
Campus offered: KG **Semester offered:** 2

► KDB114 AUSTRALIAN DANCE
A study of the ritual, artistic and social functions of dance in contemporary Australian society.
Courses: Open Elective
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB114
Campus offered: KG **Semester offered:** 2

► KDB117 DANCE IN EDUCATION
A practical introduction to philosophies and practices in dance education. The areas of choreography, performance and appreciation will be explored as students develop basic teaching and reflective practice skills. Appropriate for students planning to teach dance in the primary, secondary, community or studio context.
Courses: IF75, IF76, IF77, IF78, KD32
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB117
Campus offered: KG **Semester offered:** 1

► KDB125 DECONSTRUCTING 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 ballet.
Courses: Open Elective
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB125
Campus offered: KG **Semester offered:** 1

► KDB158 DANCE & TECHNOLOGY 1
Modes of choreographic communication: discussion of aesthetic questions that have emerged out of the last major choreographic movements; an exploration of possible future directions for Australian dance. Technological applications in dance creation.
Courses: KD25, KD32
Credit points: 12 **Contact hours:** 2 per week
Incompatible with: AAB158
Campus offered: KG **Semester offered:** 1

► KDB159 DANCE & TECHNOLOGY 2
Major choreographic project for public performance. Exploration of aesthetic and artistic values

in collaborative processes of making new work with technology.
Courses: KD25, KD32
Prerequisites: KDB158
Credit points: 12 **Contact hours:** 2 per week
Incompatible with: AAB159
Campus offered: KG **Semester offered:** 2

► KDB171 THEATRE DANCE STYLES
Character, jazz and tap styles - essential steps and various combinations.
Courses: KD15, IF75, KD25, KD32
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB171
Campus offered: KG **Semester offered:** 1

► KDB172 WORLD DANCE
Exposure to a range of culturally specific dance styles through practical workshops; a theory component providing contextual background to the styles taught.
Courses: Open Elective
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB172
Campus offered: KG **Semester offered:** 2

► KDB176 POPULAR DANCE STYLES
History and sociology of jazz and popular dances; examination of dance in musical theatre and other commercial contexts; basic technique and steps in a range of jazz and popular dance styles.
Courses: Open Elective
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB176
Campus offered: KG **Semester offered:** 2

► KDB180 DANCE TECHNIQUE STUDIES 1
Students attend daily ballet technique class within the Levels system. Alignment component - discussions on alternative body therapies; conditioning techniques for dancers including stretching and strengthening.
Courses: IF75, KD25, KD32
Credit points: 12 **Contact hours:** 7.5 per week
Incompatible with: AAB180
Campus offered: KG **Semester offered:** 1

► KDB181 DANCE TECHNIQUE STUDIES 2
Continuation of Dance Technique Studies 1 without alignment component. Introduction to dance teaching skills.
Courses: IF75, KD25, KD32
Prerequisites: KDB180
Credit points: 12 **Contact hours:** 6 per week
Incompatible with: AAB181
Campus offered: KG **Semester offered:** 2

► KDB182 DANCE TECHNIQUE STUDIES 3
Continuation of Dance Technique Studies. Composition component replaces introduction to dance teaching skills.
Courses: IF75, KD25, KD32
Prerequisites: KDB181
Credit points: 12 **Contact hours:** 6 per week
Incompatible with: AAB182
Campus offered: KG **Semester offered:** 1

► KDB183 DANCE TECHNIQUE STUDIES 4
Continuation of Dance Technique Studies 3. Further development of composition component.
Courses: IF75, KD25, KD32
Prerequisites: KDB182
Credit points: 12 **Contact hours:** 6 per week
Incompatible with: AAB183
Campus offered: KG **Semester offered:** 2

► KDB189 DANCE ASSESSMENT & REPORTING
Relates current theoretical issues in assessment to the unique challenges of dance assessment. Students will explore a range of assessment procedures, methods and strategies to support quality and equity in dance assessment at all levels.
Courses: KD05, KD06
Prerequisites: Nil **Corequisites:** Nil
Credit points: 12 **Contact hours:** 6 per week
Incompatible with: AAB189
Campus offered: KG **Semester offered:** 1

► KDB191 DANCE TEACHING METHODOLOGIES
Provides students with the opportunity to investigate and explore dance teaching issues relevant to their own teaching context. The unit materials will include strategies and models for planning and implementing dance lessons and curriculum, catering for the diverse learning needs of students and managing the classroom as a complex social environment.
Courses: KD05, KD06
Prerequisites: Nil **Corequisites:** Nil
Credit points: 12 **Incompatible with:** AAB191
Campus offered: KG **Semester offered:** 1

► KDB192 STAGECRAFT & COSTUME FOR DANCE
Provides opportunities to investigate the principles of design as they relate to the visual environment of a dance performance/production. Considers principles and theoretical issues relevant to design for stage and video, stimulating and innovative examples of visual designs for dance performance and practical information for production/planning and budgeting.
Courses: KD05, KD06
Prerequisites: Nil **Corequisites:** Nil
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB192
Campus offered: KG **Semester offered:** 1

► KDB193 DANCE PROJECT 1A
Courses: KD25 **Incompatible with:** AAB193
Campus offered: KG **Semester offered:** 1, 2

► KDB194 DANCE PROJECT 2
Courses: KD25 **Incompatible with:** AAB194
Campus offered: KG **Semester offered:** 1, 2

► KDB195 DANCE TEACHING STUDIES 1
This unit examines basic theoretical understandings and practical skills to support and enhance students' ability to plan for, manage and promote effective and safe learning in dance classes.
Courses: KD05, KD06
Prerequisites: Nil **Corequisites:** Nil
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB195
Campus offered: KG **Semester offered:** 3

► KDB196 DANCE TEACHING STUDIES 2
This unit covers the theory of choreography and the basic skills of crafting choreography will form the basis of study in this unit. This unit also provides students with the opportunity to investigate current research relating to the teaching for performance. Issues such as psychology of performance and pacing of dance training will be addressed.
Courses: KD25, KD32
Prerequisites: Nil **Corequisites:** Nil
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB196
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 to and reflect upon dance. Students will apply this understanding to the research and analysis of dances in context.
Courses: KD25, KD32
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB197
Campus offered: KG **Semester offered:** 1, 2

► KDB198 SAFE DANCE PRACTICE
This unit focuses on knowledge and understanding of safe dance practices. Practical activities will focus on the implications of current research in dance science to dance teaching and learning. Reflects a holistic approach to training in dance; considers issues such a basic anatomy and physiology, injury prevention and management strategies, nutrition and lifestyle management.
Courses: KD25, KD32
Prerequisites: Nil **Corequisites:** Nil
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB198
Campus offered: KG **Semester offered:** 1, 2

► KDB199 DANCE PROJECT 1B
Courses: KD25
Incompatible with: AAB199
Campus offered: KG **Semester offered:** 1, 2

► KDB421 DANCE CURRICULUM STUDIES 1
Focuses on the implementation of Dance Curriculum documents. Students develop strategies for dance teaching that cater for diverse learning needs of students and assist in the management of safe dance learning environments.
Courses: ED32, ED37, IF75, KD33
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB421
Campus offered: KG **Semester offered:** 2

► KDB429 DANCE CURRICULUM STUDIES 2
Advanced practical applications in assessment, curriculum planning and teaching/learning strategies relevant to dance education.
Courses: ED37, IF75, IF76, KD33, KT33
Prerequisites: KDB421
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB429
Campus offered: KG **Semester offered:** 1

► KDP104 SAFE DANCE PRACTICE
Focuses on the knowledge and understanding of the most up to date information regarding safe dance practices. Practical activities will focus on the implications of current research in safe dance to 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:** n/a
Incompatible with: AAP104
Campus offered: KG, EXT
Semester offered: 1, 2

► KDP180 DANCE TEACHING STUDIES 1
Examines theoretical understandings and practical skills to support and enhance students' ability to plan for, manage and promote effective and safe learning in dance classes.
Courses: KD35, KD36 **Credit points:** 12
Contact hours: One-week full-time residency in summer semester
Incompatible with: AAP180
Campus offered: KG **Semester offered:** 3

► KDP181 DANCE TEACHING STUDIES 2
The theories of choreography and the skills of crafting choreography will form the basis of study in this unit. This unit also provides students with the opportunity to investigate current research relating to the teaching for performance. Issues such as psychology of performance and pacing of dance training will be addressed.
Courses: KD05, KD06
Credit points: 12
Contact hours: One-week full-time residency in summer semester
Campus offered: KG **Semester offered:** 3

► KDP189 DANCE ASSESSMENT & REPORTING
Relates current theoretical issues in assessment to the unique challenges that dance assessment provide. Students will explore a range of assessment procedures, methods and strategies to support quality and equity in dance assessment at all level.
Courses: KD35, KD36
Credit points: 12 **Contact hours:** Nil
Incompatible with: AAP189
Campus offered: KG, EXT
Semester offered: 1, 2

► KDP190 PROFESSIONAL PRACTICE FOR DANCE TEACHERS
As small business owners, dance teachers require a diverse range of skills to manage and operate their businesses. This unit will consider the implications of the Dance Industry Code of Ethics for teaching and learning in dance. This unit also includes practical and useful materials for the effective and efficient operations of a business in dance teaching by relating current small

business management practices to the specific organisational needs and requirements of dance teaching businesses.
Courses: KD35, KD36
Prerequisites: Nil **Corequisites:** Nil
Credit points: 12 **Contact hours:** Nil
Incompatible with: AAP190
Campus offered: KG, EXT
Semester offered: 1, 2

► KDP191 DANCE TEACHING METHODOLOGIES
Provides students with the opportunity to investigate and explore dance teaching issues relevant their own teaching context. The unit materials will include strategies and models for planning and implementing dance lessons and curriculum, catering for the diverse learning needs of their students and managing the classroom as a complex social environment.
Courses: KD35, KD36
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 design as they relate to the visual environment of a dance performance/production. Considers principles and theoretical issues relevant to design for stage and video, stimulating and innovative examples of visual designs for dance performance and practical information for the production/construction and budgeting for design.
Courses: 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
Designated unit. Study of selected repertoire pieces; duo work; rehearsal of individual aspects of the repertoire work; performance of all or part of the selected repertoire; preparation for rehearsals and performance; technique and dress rehearsals; critical evaluation during season and post-performance evaluation.
Courses: KD15, KD25 **Credit points:** 12
Contact hours: 6 per week
Incompatible with: AAX111
Campus offered: KG **Semester offered:** 1

► KDX112 PERFORMANCE 2
Designated 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
Designated unit. Continuation of studies initiated in KDX112.
Courses: KD15, KD25
Prerequisites: KDX112
Credit points: 12 **Contact hours:** 6 per week
Incompatible with: AAX141
Campus offered: KG **Semester offered:** 1

► KDX142 PERFORMANCE 4
Designated unit. Continuation of studies initiated in KDX141.
Courses: KD15, KD25
Prerequisites: KDX141
Credit points: 12 **Contact hours:** 6 per week
Incompatible with: AAX142
Campus offered: KG **Semester offered:** 2

► KDX143 CHOREOGRAPHIC STUDIES 1
Preparation and presentation of short solo and group works using a range of thematic and musical stimuli. Applicant of choreographic devises to communicate ideas with clarity. Discussion of the role of technology in creating artworks.
Courses: KD15, KD25
Credit points: 12 **Contact hours:** 2 per week
Incompatible with: AAX143
Campus offered: KG **Semester offered:** 2

► KDX144 CHOREOGRAPHIC STUDIES 2
Practice and performance of choreographic work 8-15 minutes long employing advanced choreographic skills in creation of movement material, form and style. Collaborative practices considered with specific focus on use of video and image in developing context.
Courses: KD15, KD25
Prerequisites: KDX143
Credit points: 12 **Contact hours:** 2 per week
Incompatible with: AAX144
Campus offered: KG **Semester offered:** 1

► KDX145 CHOREOGRAPHIC STUDIES 3
Courses: KD15, KD25
Prerequisites: KDX144
Credit points: 12 **Contact hours:** 2 per week
Incompatible with: AAX145
Campus offered: KG **Semester offered:** 2

► KFB056 PROFESSIONAL STUDIES (FASHION)
This subject prepares final year students for their first steps into the profession and facilitates a smooth and confident transition from undergraduate experiences to working life.
Courses: KF25
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB056
Campus offered: KG **Semester offered:** 2

► KFB401 DESIGN STUDIO 1
This sequence of six units is fundamental to the course and focus on the integration of design principles with the practical skills and understandings of pattern technology, garment design and construction.
Courses: IF25
Credit points: 12 **Contact hours:** 12 per week
Incompatible with: AAB401
Campus offered: KG **Semester offered:** 1

► KFB402 DESIGN STUDIO 2
This sequence of six units is fundamental to the course and focus on the integration of design principles with the practical skills and understandings of pattern technology, garment design and construction.
Courses: IF25
Credit points: 12 **Contact hours:** 12 per week
Incompatible with: AAB402
Campus offered: KG **Semester offered:** 2

► KFB403 DESIGN STUDIO 3
This sequence of six units is fundamental to the course and focus on the integration of design principles with the practical skills and understandings of pattern technology, garment design and construction.
Courses: KF25
Credit points: 12 **Contact hours:** 12 per week
Incompatible with: AAB403
Campus offered: KG **Semester offered:** 1

► KFB404 DESIGN STUDIO 4
This sequence of six units is fundamental to the course and focus on the integration of design principles with the practical skills and understandings of pattern technology, garment design and construction.
Courses: IF25
Credit points: 12 **Contact hours:** 12 per week
Incompatible with: AAB404
Campus offered: KG **Semester offered:** 2

► KFB405 DESIGN STUDIO 5
This sequence of six unit is fundamental to the course and focus on the integration of design principles with the practical skills and understandings of pattern technology, garment design and construction.
Courses: IF25
Credit points: 24 **Contact hours:** 20 per week
Incompatible with: AAB405
Campus offered: KG **Semester offered:** 1

► KFB406 DESIGN STUDIO 6
This sequence of six units is fundamental to the course and focus on the integration of design principles with the practical skills and understandings of pattern technology, garment design and construction.
Courses: IF25 **Credit points:** 24
Contact hours: 20 per week
Incompatible with: AAB406
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

► KFB407 2/2 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 2/2
Campus offered: KG **Semester offered:** 2

► KFB408 FASHION IN CONTEXT
In this unit students will analyse fashion trends and learn the influence of various factors that affect changes in fashion, including major designers.
Courses: IF25
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB408
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:** 1

► KFB410 2/2 RESEARCH SEMINAR
In this unit students will expand their knowledge and experience through exposure to the work of specialists in the field while extending their knowledge of the national and international fashion world.
Courses: IF25
Credit points: 6 **Contact hours:** 2 per week
Incompatible with: AAB410 2/2
Campus offered: KG **Semester offered:** 2

► KFB411 ADVANCED TEXTILES
This unit builds on the knowledge of the materials, skills and acquired in KFB407 and is planned for the design student who wishes further studies in the field of textile development and/or embellishment.
Courses: 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.

Courses: IF25
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB413
Campus offered: KG **Semester offered:** 1

► KFB414 CROSS MEDIA DESIGN APPLICATIONS
This unit is aimed for the student who wishes to work collaboratively with students in other Creative Industries disciplines on a design project.
Courses: IF25
Prerequisites: Nil **Corequisites:** Nil
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB414
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.
Courses: IF25
Prerequisites: KFB411 or KFB414
Corequisites: Nil
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB415
Campus offered: KG **Semester offered:** 1, 2

► KIB056 PROFESSIONAL STUDIES
This unit aims to facilitate a smooth and confident transition from undergraduate experiences to life in the workforce. Exploration of current issues in the creative industries, and development of professional skills including portfolio development, networking strategies, industry practices and career management.
Courses: AA81, KI25, KI32
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB056
Campus offered: KG **Semester offered:** 2

► KIB800 PROFESSIONAL PRACTICE
In this unit, a secondment to professional organisations, final year students gain insights into the practical aspects of their coursework. National and international staff connections provide students with exciting options for professional placement and employment.
Courses: KI25, KI32
Prerequisites: AAB807 (AAB818), AAB808, AAB809, AAB810, AAB803, AAB804
Corequisites: AAB813
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB800
Campus offered: KG **Semester offered:** 2

► KIB801 FOUNDATIONS OF COMMUNICATION DESIGN 1
Drawing and rendering skills, visual design, graphic design principles, an overview of media and design practice as they relate to communications technologies.
Courses: KI25, KI32
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB801
Campus offered: KG **Semester offered:** 1

► KIB802 FOUNDATIONS OF COMMUNICATION DESIGN 2
Further development of design skills for communications technologies including design priorities, visual systems, refinement of concepts and problem-solving through presentation models.
Courses: KI25, KI32 **Prerequisites:** KIB801
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB802
Campus offered: KG **Semester offered:** 2

► KIB803 TEMPORAL MEDIA
Introduction to analog video production, video technology, non-linear video editing, and digital media integration techniques.
Courses: KI25, KI32
Prerequisites: KIB808, KIB802 or KIB811
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB803
Campus offered: KG **Semester offered:** 1

► KIB804 3-D ANIMATION 1
This unit stresses the creative issues related to modelling and rendering three-dimensional computer graphics and animation including high-end computer visualisation and special effects for film and television.
Courses: KI25, KI32, KI42
Prerequisites: KIB808
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB804
Campus offered: KG **Semester offered:** 1

► KIB805 DESIGN PROJECT A
This unit covers intermediate and advanced interactive project development issues including, concept development, budgeting, resourcing, and product development. Students also acquire critical skills through the production of intermediate to advanced digital video and audio production, and interactive media productions.
Courses: KI25, KI32
Prerequisites: KIB803 or KIB804, KIB809 or KIB810
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB805
Campus offered: KG **Semester offered:** 1

► KIB806 DESIGN PROJECT B
A critique forum for individual final projects. Students are required to produce a final project for their degree. This unit also covers media and network technology infrastructures and advanced network and CD-ROM production techniques.
Courses: KI25, KI32 **Prerequisites:** KIB805
Credit points: 24 **Contact hours:** 3 per week
Incompatible with: AAB806
Campus offered: KG **Semester offered:** 1, 3

► KIB807 MEDIA TECHNOLOGY 1
Introduction to visual design and illustration using computer graphics including a practical introduction to authoring software and network applications.
Courses: KI25, KI32
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB807
Campus offered: KG **Semester offered:** 1

► KIB808 MEDIA TECHNOLOGY 2
Exploration of graphical interface design for computer screens and computer programming with authoring languages. Animation, video and audio are introduced in the context of software development, interactivity and applications of digital media.
Courses: KI25, KI32, KI42
Prerequisites: KIB807 or KKB818
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB808
Campus offered: KG **Semester offered:** 1

► KIB809 INTERACTION DESIGN 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 advanced visual design.
Courses: KI25, KI32, KI42
Prerequisites: KIB808, KIB802 or KIB811
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB809
Campus offered: KG **Semester offered:** 1

► KIB810 INFORMATION ARCHITECTURE
This unit covers an introduction to computer programming, object orientated programming, custom network applications and designing multi-user systems. Multi-platform delivery is stressed along with how designers can integrate their existing skills into a highly technical domain.
Courses: KI25, KI32
Prerequisites: KIB808, KIB802 or KIB811
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB810
Campus offered: KG **Semester offered:** 1

► KIB811 VISUAL INTERACTIONS
This unit will analyse how we represent our experience and communicate our intentions through both the reading of images and the process of image making. We will investigate the relationship between language, image and technology whilst tracing the human experience with visuals from passive engagement to immersive interactions. By focusing on the mutual development of technology and creative practices through the investigation of past and current shifts in the representation of image, the unit provides a foundation for further studies in the field of Communication Design and the broader Creative Industries.
Courses: Open Elective
Prerequisites: This unit requires to you to have prior experience with using: Windows and/or Macintosh operating systems; Word processing applications e.g. Microsoft Word or Word Perfect; electronic mail (email); and the World Wide Web.
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB811
Campus offered: KG **Semester offered:** 2

► KIB813 CONTEMPORARY 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 implications of technological change. This unit is designed to encourage students to reflect upon and analyse current interconnections between technology, design and society, and to provide tools to perform these activities effectively. Ethical implications will receive particular attention.
Courses: Open Elective
Prerequisites: KIB814, KIB816
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB813
Campus offered: KG **Semester offered:** 1

► KIB814 APPLICATIONS OF DESIGN TECHNOLOGY
Development of a critical understanding of how the application of technology influences modes of communication, production processes and creative practices, particularly within the Creative Industries. An introductory overview of the philosophies underlying applications of technology and critically examines current technology. Many of the lectures are presented by prominent industry professionals and practitioners, combined with workshops and tutorials focusing on computer mediated communication.
Courses: Open Elective
Prerequisites: KKB818 or KIB807
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB814
Campus offered: KG **Semester offered:** 2

► KIB815 INTERACTION DESIGN 2
This unit encourages students to break from traditional human computer interface paradigms by building and exploring electronic 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.
Courses: KI25, KI32 **Prerequisites:** KIB809
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB815
Campus offered: KG **Semester offered:** 1

► 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.
Courses: Open Elective
Prerequisites: KKB818 or KIB807
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB816
Campus offered: KG **Semester offered:** 1

► KIB817 PROJECT MANAGEMENT
This unit serves as an introduction to project management as a growing discipline/profession and how it relates to software development and new media production. It focuses on project management skills and professional development, and project management as a conscious process, making use of various concepts and techniques to achieve a successful project outcome - defining project brief/scope and boundaries. This is the prerequisite unit to the BFA Communication Design (Honours).
Courses: KI25, KI32 **Prerequisites:** KIB824

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 Creative Industries.
Courses: Open Elective
Prerequisites: KKB818 or KIB807
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB819
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 investigates the field of Virtual Reality looking at the history and related theory of this emerging interactive media. This material supports practical activities that directly address current practice in the field.
Courses: KI25, KI32
Prerequisites: KIB809, KIB804
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB821
Campus offered: KG **Semester offered:** 1

► KIB822 INTERACTION DESIGN 3
This unit finds a focus on the production of interactive digital video projects covering material including; concept development; creative and design processes; interactive techniques and styles; advanced digital video production and post production.
Courses: KI25, KI32
Prerequisites: KIB815, KIB803, KIB804
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB822
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 group project in the field of Communication Design. Access to this unit is reserved for students who have demonstrated an outstanding level of self-directed learning and high level of requisite skills.
Courses: KI25, KI32
Prerequisites: KKB818/KIB807 and a GPA of 5 OR approval from Unit Coordinator
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 experiment and philosophical, social and political comment.
Courses: Open Elective
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB825
Campus offered: KG **Semester offered:** 2

► KIB826 3-D ANIMATION 3
The unit provides the student with the opportunity to pursue advanced studies in three-dimensional modelling and animation, in the context of the creation of synthetic characters, after successful completion of KIB820 Three D Animation 2.
Courses: KI25, KI32
Prerequisites: KIB820
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB826
Campus offered: KG **Semester offered:** 1

► KIB850 RESEARCH & DEVELOPMENT
This unit provides students with an overview of research and development issues as they apply to various industry contexts. Project planning and documentation, marketing, legal issues and academic writing issues are covered through seminars, written assignments and oral presentations. This unit also provides the tools required for students to be properly prepared 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 organizational skills taught through the Bachelor of IT and the BCI Communication Design double degree. Final year students undertaking this unit will document, present and produce a major creative work. It is structured so that students present their ideas, document the project and then continue to present project progress throughout the semester. The outcome of this unit will provide the basis for a 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
The major topics of this unit involve 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, technology and interactivity preparing 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
The aim of this unit is for students to develop an understanding of interactive media through the study of human computer interface design concepts, theories, methodologies and practices. Upon completion of the unit students will have a knowledge of the human computer interface and develop an understanding of the broader social and cultural implications. After completion of this unit, students will demonstrate an understanding of current human computer interface design concepts, theories, methodologies and practices; an understanding of the cultural and social implications of interactive media; the ability to critically evaluate interactive media the ability to challenge existing human computer interface paradigms; practical skills in creation of interactive media works; an understanding of object orientated multimedia development applications proficient resource management skills and efficient work practices; and the ability to apply material covered to design problems.
Courses: KI42
Prerequisites: KIN818, KIN808
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAN809
Campus offered: KG **Semester offered:** 1

► KIN810 INFORMATION ARCHITECTURE
This unit provides knowledge of concepts in Information Architecture and their application to the production of large Internet web sites.. The concept of information architecture forms the basis for an understanding of the application of advanced multimedia in the design of dynamic web sites. This unit focuses on design supported by practical experience in the production dynamic interactive systems using advanced web technologies. In this unit, students learn to understand and apply the principles of a well designed and structured Web site; an advanced data base driven web site; the information architecture behind dynamic web sites; and advanced Web design technologies.
Courses: KI42
Prerequisites: AAN181, AAN808
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAN810
Campus offered: KG **Semester offered:** 1

► KIN816 INFORMATION DESIGN
This unit aims to develop understanding of the creative and analytical roles of writers, conceptual designers and information designers in New Media productions, and practice in the application of their relevant skills. On completion of this Unit, students will be able to analyse traditional (linear), non-linear and interactive narrative structures, create original narratives in appropriate script format, understand theoretical issues associated with branching story structures and interactive narratives, identify and analyse game structures, create original game ideas in appropriate script formats, and apply techniques of information design to the structuring of non-narrative content.
Courses: KI42
Prerequisites: KIN818, KIN808
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAN816
Campus offered: KG **Semester offered:** 1

► KIN817 PROJECT MANAGEMENT
Project management is a core requirement in the on-time, on-budget completion of project, whether building a bridge, launching a new product or developing a web site. Project management and its use of an associated customised methodology is paramount in successfully seeing a project to fruition. It is the roadmap by which all associated team members will travel. Without a methodology and the role of project manager held by someone within the team, the likelihood of success is slim. The aim of this unit is to develop within the student the ability to scope the needs of a digital media project, including its solution, and then to understand how to manage the client and project resources through its methodology to the project's completion.
Courses: KI42
Prerequisites: KIN824
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAN817
Campus offered: KG **Semester offered:** 2

► KIN818 INTRODUCTION TO DIGITAL MEDIA TECHNOLOGIES
The major topics of this unit are: 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 books, 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, human computer interaction, Use of visual development applications, use of acquisition, editing and publishing tools and processes and electronic publishing and delivery techniques.
Courses: KI42
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAN818
Campus offered: KG **Semester offered:** 1, 2, 3

► KIN819 ELECTRONIC PUBLISHING
This unit provides an introduction to designing Internet web sites for publication and commerce. 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. Concepts related to trust, security, privacy, fulfilment, digital cash and commercial transactions are introduced in an analytical, practical way. This unit 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 production, but also covers advanced issues related to interactivity, servers and publishing systems, and Internet programming.
Courses: KI42
Prerequisites: KIN818
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAN819
Campus offered: KG **Semester offered:** 1

► KIN824 PROJECT ADMINISTRATION
Project administration is a vital component of project management. Administration of a project consists of the development of all project documentation, including budgets, schedules and client correspondence. While the documentation must revolve around a sound methodology, the implementation of the methodology is only as successful as the administration of its documentation components and client interface. The Project Manager must have a sound working knowledge of both. The aim of this unit is to develop within the student the ability to create the documentation 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: AAN851 1/4
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: AAN851 2/4
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: AAN851 3/4
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: AAN851 4/4
Campus offered: KG **Semester offered:** 1, 2

► KJB101 JOURNALISM INFORMATION SYSTEMS
Acquaints students with the uses journalists make of computers in their work: for word-processing, personal information management, time management, and gathering information for stories by searching online and CD-ROM databases, by analysing public records with spreadsheets and by using email to interview sources found on Internet Bulletin Boards and in Newsgroups, Usergroups, and List servers.
Courses: Open Elective
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MJB101
Campus offered: GP **Semester offered:** 1, 2

► KJB120 NEWSWRITING
Students learn to think like journalists, to evaluate events for their potential news value, to interview and perform other reporting tasks and to write news stories; the evolution and theories of reporting.
Courses: KJ32, IF05, IF07
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: COB217, MJB120
Campus offered: GP **Semester offered:** 1, 2

► KJB121 JOURNALISTIC INQUIRY
The philosophical rationale behind the free flow of information and its use studied from practical and theoretical perspectives. The journalist's role in society defined and explored through the use of advanced research techniques involving Freedom of Information, property and company searches, and the use of newspaper databases.
Courses: IF05, IF07, KJ32
Prerequisites: KJB120, KJB101
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MJB121
Campus offered: GP **Semester offered:** 1, 2

► KJB180 SPEECH COMMUNICATION FOR JOURNALISTS
Draws on the theories of rhetoric, semiotics, group dynamics and interpersonal communication as a base for developing professionals who are articulate presenters, probing but empathic interviewers and interviewees, and good team players. Theory and practice are inter-related to develop understanding and self-reflexivity within students concerning their own communication skills. Practice in simulated work situations will allow growth and learning in the laboratory of the classroom.
Courses: IF05 IF07, KJ32
Prerequisites: KJB120
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: COB213, MJB180
Campus offered: GP **Semester offered:** 2

► KJB224 FEATURE WRITING
Should be combined with KJP224. Students use the principles of reporting to produce newspaper and magazine articles that profile personalities, or that treat processes, events and places to exploit their human-interest news value.
Courses: IF05, IF07, KJ32, KJ36
Prerequisites: KJB121
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MJB224
Campus offered: GP **Semester offered:** 1, 2

► KJB232 RADIO & TELEVISION JOURNALISM 1
Should be combined with KJP232. The practical and theoretical aspects of radio and television media are studied and applied through production of broadcast news programs. Students learn broadcast style and usage and the evaluation of television and radio products. Strong emphasis is placed on current affairs knowledge.
Courses: IF05, IF07, KJ32, KJ36
Prerequisites: KJB121, KJB155. Available to JOU majors only.
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MJB232
Campus offered: GP **Semester offered:** 2

► KJB239 JOURNALISM ETHICS & ISSUES
The Australian Journalists Association code of ethics is examined against the background of Australia's multicultural and pluralistic democracy; the evolution of the code, its philosophical underpinnings, how it compares to other national and international media codes and the general value of codes of ethics. Students will be placed in 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 maybe 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 study. The course aims 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 take distinct approaches to covering world issues. Students will develop the cross-cultural awareness and background knowledge required to identify story ideas, relate to sources and produce news reports in different countries and cultural environments. 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 new media in international communication, through news services or in private use. For their assessment, students will have the opportunity to study and report on chosen countries or regions and 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: KJB121
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MJB280
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 decision-making in the newsroom; leadership and motivation. Work is done in online journalism, newspaper production, radio and television.
Courses: IF05, IF07, KJ32
Prerequisites: KJB322, KJB338
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MJB303
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
Prerequisites: KJB224
Credit points: 12 **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 events/processes and their relationships to news media.
Courses: IF07, IF05, 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 2
Philosophy and formulation of radio and television news and current affairs, anchor techniques, radio and television news production using computers.
Courses: IF05, IF07, KJ32
Prerequisites: KJB232
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 editorial 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

► KJP105 THEORIES OF JOURNALISM
A summary of the body of classical literature pertaining to the theories of journalism and mass communication; identification of individual research interests; attention to the empirical traditions of mass communication theory; summary of media issues at an advanced level from journalists perspectives, involving the participation of media professionals.
Courses: KJ35, KJ36, KK51, KK53
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MJP105
Campus offered: GP **Semester offered:** 1

► KJP120 NEWSWRITING
Should be combined with KJB120. Students learn to think like journalists, to evaluate events for their potential news value, to interview and perform other reporting tasks and to write news stores; the evolution and theories of reporting.
Courses: KJ35
Prerequisites: enrolment in KJ35
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MJP120
Campus offered: GP **Semester offered:** 1, 2

► KJP224 FEATURE WRITING
Should be combined with KJB224. Students use the principles of reporting to produce newspaper and magazine articles that profile personalities, or that treat processes, events and places to exploit their human-interest news value.
Courses: KJ35
Prerequisites: enrolment in KJ35
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MJP224
Campus offered: GP **Semester offered:** 1, 2

► KJP232 RADIO & TELEVISION JOURNALISM 1
Should be combined with KJB232. The practical and theoretical aspects of radio and television media are studied and applied through production of broadcast news programs. Students learn styles and usage and the evaluation of television and radio products. Strong emphasis is placed on current affairs knowledge.
Courses: KJ35
Prerequisites: enrolment in KJ35
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MJP232
Campus offered: GP **Semester offered:** 2

► KKB002 GRADUATE SEMINAR
This unit provides Honours students with the opportunity to present a research report to a forum of staff, students and fellow Honours candidates. The seminar requires candidates to give a lucid, articulate and informative account of their findings to date, delivered as a formal research paper, and to field questions and comments from the floor. It is envisaged that the series as a whole will foster a culture of rigorous enquiry and debate pertaining to arts research and studio/performance issues.
Courses: KK52, KK53, KK54, KK55
Credit points: 12

► KKB018 CREATIVE INDUSTRIES
This unit provides an overview of the creative industries as a major element of the global knowledge economy. It critically analyses issues such as the rise of a knowledge-based economy, technological convergence, globalisation, intellectual property, and the relationship between creative and artistic practice and the commercial market place.
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

► KKB055 PROFESSIONAL PRACTICE
This unit offers final-year students the opportunity to immerse themselves within the professional culture of their chosen field through secondment to professional organisations and companies. These secondments will enable the students to gain insights into the practical application of their course work and also establish valuable professional contacts for their future employment. Access to this unit will be reserved for students who have demonstrated an outstanding level of self-directed learning and a high level of requisite skills.
Prerequisites: Third year students (except Dance); GPA of 5 and above; approval by discipline coordinator.
Credit points: 12 **Incompatible with:** AAB055
Campus offered: KG, GP
Semester offered: 1, 2

► KKB057 INDEPENDENT STUDY
This unit is designed for those students who wish to investigate an area of study not centrally covered in their course and who wish to have the opportunity to construct and execute their own project. The project may be either theoretical in the field of scholarship or comprise practical discipline work. Collaborative projects involving other students are encouraged.
Prerequisites: Third year students; GPA of 5 and above; approval of project by discipline coordinator
Credit points: 12 **Incompatible with:** AAB057
Campus offered: KG, GP
Semester offered: 1, 2

► KKB218 CREATIVITY
This unit is central to the Creative Industries program because it offers a basis in understanding the concept of 'creativity' and in the acquisition of skills that promote the creative process and practice throughout a variety of workplace environments and technologies. It is relevant for all working in the Creative Industries professions.
Courses: 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 contract the completion of a progressive assessment program. The students result is determined on the basis of reports, continuous assessment and the employers report.
Courses: Available to Journalism or FTV majors only. Not available to study abroad or cross institutional students.
Prerequisites: For Journalism majors KJB322 or KJB338; for FTV majors KPB155, KPB185
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MJB335
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 practices and process skills necessary for writing successfully. The three foundational, transferable skills are acquiring information and ideas; organising the information and ideas; and writing appropriately for various audiences.
Courses: Creative Industries Core Unit
Credit points: 12 **Contact hours:** 3 per week
Campus offered: Rotated offering between GP and KG
Semester offered: 1, 2

► KKB818 INTRODUCTION TO MULTIMEDIA TECHNOLOGY
This unit provides an introduction to theories and skills underpinning the application of multimedia technology within the Creative Industries, providing a foundation of conceptual and practical skills related to contemporary modes of electronic hypermedia production, communication and publishing.
Courses: Creative Industries Core Unit, KI32, KI25 students are not to take this subject
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB818
Campus offered: Rotated offering 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 fulfil related roles in the curriculum
Courses: ED56, ED51, IF82
Prerequisites: 12 **Incompatible with:** AAB914
Campus offered: KG **Semester offered:** 2

► KKB916 ADV VISUAL & PERFORMING ARTS CURRICULUM
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
Campus offered: KG **Semester offered:** 2

► KKB918 ARTS FOUNDATION STUDIES
Foundation experiences 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, ED52
Credit points: 12 **Contact hours:** 3 per week
Campus 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 innovatively.
Courses: KK52, KK53, KK54, KK55
Credit points: 24 **Incompatible with:** AAB001
Campus offered: KG, GP **Semester offered:** 1

► KKN002 GRADUATE SEMINAR
Seminar program of formal presentations of arts research projects by Honours students. Students also attend weekly presentations in the Masters graduate seminar series.
Courses: KK52, KK53
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: KK52, KK53, KK54, KK55
Prerequisites: KKN001 **Credit points:** 36
Campus offered: KG, GP **Semester offered:** 2

► KKN006 INDEPENDENT STUDY
Independent work of an artistic or scholarly nature that is 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 outcomes would normally be expected to be to the standard of public showing. Written presentation requires a minimum of 6,000-10,000 words, or equivalent if other media/reportage is used.
Courses: KK42 **Credit points:** 12
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAN020
Campus offered: KG
Semester offered: 1, 2

► KKN007 1/8 RESEARCH PROJECT
Students enrolled part-time or full-time in KK51 Master of Arts (Research) undertake a research project as the major component of their studies. This project may take the form of: a research thesis or a creative project accompanied by a written component.
The creative project could include an exhibition of visual art; a performance (dance, drama, music); or choreography, script or score; or a book-length work of fiction or non-fiction; or a film or multi-media script or production.
Units may be either taken one per semester or several per semester, depending on the enrolment pattern recommended by the School in the Course Summary Sheet, 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

► KKN011 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

► KKN012 ADVANCED PROFESSIONAL PRACTICE 2
Extension and elaboration of the student's professional practice through evaluation and analysis in consultation with the supervisor.
Courses: KK42
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAN012
Campus offered: GP, KG
Semester offered: 1, 2

► KKN013 ADVANCED PROFESSIONAL PRACTICE 3
A significant artistic outcome as part of the student's skills development including research, rehearsal and preparation for an exhibition or performance
Courses: KK42
Credit points: 24 **Contact hours:** 12 per week
Incompatible with: AAN013
Campus offered: GP, KG
Semester offered: 1, 2

► KKN014 DISCIPLINE STUDY
Working with other students from their home discipline this unit investigates 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

► KKN016 FRAMEWORKS FOR PERFORMANCE
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

► KKN058 ARTS RESEARCH
An introduction to current research methods and approaches in the arts, the unit addresses the issues of the status of the observer, 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

► KKN200 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: KK51
Prerequisites: Varies by School: EITHER AAN020 or MJP391 or PYB454 (or pre-2000 HUB900)
Corequisites: Nil
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAN200
Campus offered: GP, KG

► KKN850 RESEARCH AND DEVELOPMENT
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 earlier units to explore in some depth an applied or theoretical topic in their chosen discipline area. The dissertation is normally based on information from secondary sources and consists of a written report of approximately 12,000 to 15,000 words. It is also possible to undertake a creative work such as a film or multimedia script or production. 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 earlier units, to a chosen dissertation topic, in consultation with an approved supervisor. KKP107/2 will involve students consolidating the preparatory work begun in KKP107/1 by preparing drafts of two chapters under structured supervision. KK107/3 and KKP107/4 completes the sequence of dissertation units. Students complete the drafting of their dissertation and revise to a final copy for submission under supervision. Length will be 12,000 to 15,000 words or an equivalent in other media forms.
Prerequisites: Normally, KKP391 and one of KWP103, KPP104, KJP105, KCP110.
Credit points: 48 total
Incompatible with: MJP107 1-4
Campus offered: GP **Semester offered:** 1, 2

► 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 study of media industries, texts, audiences and professional practice. It combines analysis of areas of media research, including organisational, policy, content, 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 educational context, including work with professional groups, consultancy research and publication and career development strategies.
Courses: KK51, KK52, KK53, KK54
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MJP391
Campus offered: GP **Semester offered:** 1

► KMB056 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 public speaking, meeting procedures and career management.
Courses: KM32
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB056
Campus offered: KG **Semester offered:** 2

► KMB616 ENSEMBLE PROJECT A
Students experience the cooperative interaction of music-making as a participant or a leader. Options include: leadership in one group, participation in two groups, or participation in one group and submission of a written research 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

► KMB617 ARRANGING
Development of composition & arranging skills for instrumental/choral ensembles using music of various styles.
Courses: IF77, KM32
Prerequisites: 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:** 1

► KMB619 MUSIC AND SOUND TECHNOLOGY
An introduction to the broad range of options available to the musician in the age of technology. Through the universal electronic language of MIDI students explore sequencers as a tool for composition as well as basics of sound.
Courses: KM32
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB619
Campus offered: KG **Semester offered:** 1, 2

► KMB621 SOUND RECORDING AND ACOUSTICS
An introduction to the fundamentals of the physical world of sound, basic signal flow, sound recording and acoustics.
Courses: IF77, KI25, KI32, KM32, KS25, KS26, KT32
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB621
Campus offered: KG **Semester offered:** 1, 2

► 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
Prerequisites: Available only with the approval of the Unit Coordinator
Credit points: 12 **Contact hours:** 1 per week
Incompatible with: AAB622
Campus offered: KG **Semester offered:** 2

► KMB623 CONDUCTING
Introduces students to a wide range of choral music and styles and assists them to achieve artistic objectives in music performance through conducting workshop activities including practical conducting, stylistic practices, repertoire and rehearsal and performance techniques.
Courses: IF77, KM32
Prerequisites: 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 non-linear structures, the effect and affect of sound in digital media productions, sound effects and foley techniques, musical acoustics, and digital sound theory.
Courses: IF77, KM32
Prerequisites: AAB621 or AAB619
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB626
Campus offered: KG **Semester offered:** 1, 2

► KMB628 SECOND STUDY 2
Continues the development of a student's practical skills through the study of a second instrument or voice. (Year-long unit.)
Courses: IF77, KM32
Prerequisites: IF77 - approval of Unit Coordinator, AA91 - grade of 6 or above in KMB622
Credit points: 12 **Contact hours:** 1 per week
Incompatible with: AAB628
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: IAA91, F77, KM32
Prerequisites: KMB 616 and approval of the Unit Coordinator
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB629
Campus offered: KG

► 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
Prerequisites: KMB632 or approval of Unit Coordinator
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 1
Students will develop strategies for problem solving techniques in creative musical thinking, and music making. Content includes aural training, composition techniques, contextual study, analysis, composition and improvisation presentations and the application of computer music printing software.
Courses: KM32, IF77
Credit points: 12 **Contact hours:** 4.5 per week
Incompatible with: AAB632
Campus offered: KG **Semester offered:** 1

► KMB633 CORE MUSICIANSHIP 2
Students will further develop skills in creative musical thinking and music making. Content includes aural training, keyboard lab, composition techniques, contextual study, analysis, composition, and improvisation presentations.
Courses: KM32, IF77
Credit points: 12 **Contact hours:** 4.5 per week
Incompatible with: AAB633
Campus offered: KG **Semester offered:** 2

► 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 sonic and psycho-acoustic thinking, synthesis, sampling and applying software applications.
Courses: KM32, IF77
Prerequisites: KMB633
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 art music, with an emphasis on Australian music. Aural and keyboard musicianship skills are taught within the context of seminal repertoire.
Courses: KM32, IF77
Prerequisites: 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 create music drawing 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:** 1

► KMB637 JAZZ AND POPULAR MUSIC MUSICIANSHIP
This unit offers a study of the development of jazz and contemporary popular music through analysis, composition and complementary aural and keyboard musicianship sessions.
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 imagination. Through a discussion of classic and contemporary world examples students map this interplay 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 **Semester offered:** 2

► KMB645 PRINCIPAL STUDIES E
Consolidation and extension of performance/production studies leading to a solo-based

recording; performance/production seminar, directed ensemble.
Courses: KM32
Prerequisites: Grade of 5 or above for KMB644
Credit points: 12 **Contact hours:** 5 per week
Incompatible with: AAB645
Campus offered: KG **Semester offered:** 1

► KMB646 PRINCIPAL STUDIES F
Consolidation and extension of performance/production studies leading to a public presentation; performance/production seminar, directed ensemble.
Courses: KM32 **Prerequisites:** KMB645
Credit points: 12 **Contact hours:** 5 per week
Incompatible with: AAB646
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 developing music culture. In parallel, Australian popular and indigenous music was beginning to achieve some worldwide successes. Today with the increasing globalisation of the music industry, the local scene takes on new meanings. This unit will explore these relationships both musically and culturally.
Courses: KM32, IF77, Open Elective
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB648
Campus offered: KG **Semester offered:** 1

► 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: AAB650
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: AAB651
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: AAB652
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: AAB653
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

► KMB657 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, KI25, KM32, KV25
Credit points: 12 **Contact hours:** 5 per week
Incompatible with: AAB657
Campus offered: KG **Semester offered:** 1

► KMB658 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, KI25, KM32, KV25
Credit points: 12 **Contact hours:** 5 per week
Incompatible with: AAB658
Campus offered: KG **Semester offered:** 2

► KMB659 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, KI25, KM32, KV25
Credit points: 12 **Contact hours:** 5 per week
Incompatible with: AAB659
Campus offered: KG **Semester offered:** 1

► KMB660 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, KI25, KM32
Credit points: 12 **Contact hours:** 5 per week
Incompatible with: AAB660
Campus offered: KG **Semester offered:** 2

► KMB681 MUSIC PROJECT 1
Courses: KM32
Credit points: 24 **Contact hours:** 5 per week
Incompatible with: AAB681
Campus offered: KG **Semester offered:** 1

► KMB682 MUSIC PROJECT 2
Courses: KM32
Credit points: 24 **Contact hours:** 5 per week
Incompatible with: AAB682
Campus offered: KG **Semester offered:** 2

► KMB912 INTRODUCTORY MUSICIANSHIP
Music is increasingly being defined as 'organised sound in a cultural framework'. Students will study improvisation, listening and production of music, developing sound creative and conceptual skills. The unit is intended to stimulate both beginners and experienced musicians, adopting a fresh approach to the field.
Courses: ED51, KM32
Prerequisites: AAB911
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB912
Campus offered: KG **Semester offered:** 1

► KMN601 MUSIC PROJECT 1
This is the first in a sequence of self-directed project units. Students will undertake a music project of relevance to the creative industries. This will incorporate discovery, practice and reflection. This unit may be taken in the most appropriate location to ensure a successful outcome and the detail would be agreed with their supervisor.
Courses: AA93, AA94, AA95
Prerequisites: Nil **Corequisites:** Nil
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: AA93, AA94, AA95
Prerequisites: KMN601 **Corequisites:** Nil
Credit points: 24 **Contact hours:** 3 per week
Incompatible with: AAN602
Campus offered: KG **Semester offered:** 1, 2, 3

► KMN603 MUSIC PROJECT 3
This unit follows from KMN602 and enables students to further develop their project.
Courses: AA93, AA94, AA95
Prerequisites: KMN602
Corequisites: Nil
Credit points: 24 **Contact hours:** 3 per week
Incompatible with: AAN603
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: AA93, AA94, AA95
Prerequisites: KMN603 **Corequisites:** Nil
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: AA93, AA94, AA95
Prerequisites: KMN604 **Corequisites:** Nil
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: AA93, AA94, AA95
Prerequisites: KMB619 or KMB621
Credit points: 12 **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 developing music culture. In parallel, Australian popular and indigenous music was beginning to achieve some worldwide successes. Today with the increasing globalisation of the music industry, the local scene takes on new meanings. This unit will explore these relationships both musically and culturally.
Courses: AA93, AA94, AA95
Credit points: 12 **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 exciting and demanding 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: AA93, AA94, AA95, IF77, KM32
Prerequisites: KMB619 or KMB633
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAN608
Campus offered: KG **Semester offered:** 1

► KMN609 INDEPENDENT PROJECT
It is important for those students who wish to investigate an area of study or discovery not centrally covered in the compulsory units, to have the opportunity to construct and execute a project in an area of their own choice. The project may be in the field of scholarship and research or in creative work within music or in interdisciplinary work
Courses: AA93, AA94, AA95, IF77, KM32
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAN609
Campus offered: KG **Semester offered:** 1, 2, 3

► KMN610 MATERIALS OF MUSIC
In an acoustic or electronic ensemble or in an orchestra, there has to be strong understanding of musical texture. This includes timbral, tonal and rhythmical and structures as well as understanding the idiosyncrasies of different instruments. The study of the generic musical skill of textural design has been further enriched since the invention of the microphone and amplifier, enabling music to be heard as pure timbre in the sound media.
Courses: AA93, AA94, AA95
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAN610
Campus offered: KG **Semester offered:** 1

► KMN611 MULTI-INSTRUMENTAL STUDIES 1
This unit is designed to widen the base of students' practical skills and to enhance career opportunities through the study of second instruments. Students will work through an intensive program in groups, on a variety of instruments, to obtain fundamental skills on those instruments, which will develop and enhance their multi-instrument skills for teaching.
Courses: AA93, AA94, AA95
Prerequisites: Nil **Corequisites:** Nil
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAN611
Campus offered: KG **Semester offered:** 3

► KMN612 MULTI-INSTRUMENTAL STUDIES 2
This unit is designed to deepen students' practical skills through the study of second instruments, and to have them engage with multi-instrumental pedagogical methods. Students will work through an intensive program, in groups on a variety of instruments to obtain fundamental skills on those instruments, which will develop and enhance their multi-instrument skills for group instruction.
Courses: AA93, AA94, AA95
Prerequisites: Nil **Corequisites:** Nil
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAN612
Campus offered: KG **Semester offered:** 3

► KMN613 MUSIC & SOUND FOR DIGITAL MEDIA
As digital media and online Internet music services proliferate in our society the need for students to be aware of and skilled in the areas of digital music making becomes more evident. One of the largest growth areas in presentation and publication of digital music and sound in our society is digital media production. The skills and insights presented in this unit build upon the student's existing music and technology abilities, equipping them appropriately for working in digital sound and music.
Courses: AA93, AA94, AA95
Prerequisites: KMB619 or KMB621
Corequisites: Nil
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAN613
Campus offered: KG **Semester offered:** 1, 2

► KMN614 TEACHING MUSIC WITH TECHNOLOGY
Building on the established tradition of assisting learning with technologies, from blackboards to photocopiers, this unit will introduce students to the uses of contemporary technology in music education. Given the pace of technological change this unit will be useful for both pre-service teachers and for teachers updating their skills and knowledge. The unit provides a foundation for ongoing learning about music technologies by providing transferable pedagogical principles and practical skills.
Courses: AA93, AA94, AA95
Prerequisites: Nil **Corequisites:** Nil
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAN614
Campus offered: KG **Semester offered:** 2

► KMN615 ADVANCED CONDUCTING
This unit is designed to further acquaint Music students with a wide range of works and styles and to assist them to achieve artistic objectives in music performance through an intensive program conducting workshop activities.
Courses: AA93, AA94, AA95, IF77, KM32
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAN615
Campus offered: KG **Semester offered:** 3

► KMN627 STUDIO MUSIC: TEACHING AND MANAGEMENT
This unit applies to keyboard teaching only. With the growing popularity of schools of music, where fee-paying clients are taught in small groups, the studio music teacher is required to possess a range of teaching and planning skills beyond that of the individualised instruction. This unit also develops the abilities of students to teach both practical and theoretical concepts to individuals and small groups, thereby empowering them to become successful practitioners in the field.
Courses: AA93, AA94, AA95
Prerequisites: KMN604 **Corequisites:** None
Credit points: 24 **Contact hours:** 3 per week
Incompatible with: AAN627
Campus offered: KG **Semester offered:** 3

► KMP423 MUSIC CURRICULUM STUDIES 1
Focuses on curriculum and methods of teaching music in the junior secondary school, with emphases on singing, aural training and music literacy. Philosophical bases for the development, implementation of principles and writing of individual lesson plans for use in teaching practice.
Courses: ED19, ED55, IF77
Prerequisites: 72 credit points or equivalent in Music
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAP423
Campus offered: KG **Semester offered:** 2

► KMP431 MUSIC CURRICULUM STUDIES 2
Advanced practical applications in assessment, curriculum planning and teaching and learning strategies relevant to secondary music education.
Courses: ED19, ED55, IF77
Prerequisites: KMP423
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAP431
Campus offered: KG **Semester offered:** 1

► KMP433 MUSIC CURRICULUM STUDIES 2A
Extension studies in methods of teaching and curricula relevant to specialist teachers of instrumental, secondary or primary music.
Courses: ED19, ED55, IF77, AA93, AA94, AA95
Prerequisites: KMP434, For AA93, AA94 & AA95 only - 144 credit points in Music
Corequisites: KMP431
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAP433
Campus offered: KG **Semester offered:** 1

► KMP434 MUSIC CURRICULUM STUDIES 1A
A specialist extension study in curriculum for students planning a career as a primary, secondary or instrumental music specialist in schools; materials and appropriate methods of teaching related to music in the wider school curriculum outside the classroom.
Courses: ED55, IF77, ED19, AA93, AA94, AA95
Prerequisites: 144 credit points or equivalent in Music
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAP434
Campus offered: KG **Semester offered:** 2

► KPB111 MEDIA WRITING
Introduction to writing for the electronic media. Examines the major strategies for writing practice within a variety of electronic media industry 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: KP25, KP35, KP36
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MJB111
Campus offered: GP **Semester offered:** 1, 2

► KPB118 FUNDAMENTALS OF PHOTOGRAPHY
Historical development of the photographic arts, role of the photographer in society, the principles of visual perception, composition and design, photography as both art and craft; display photography, news photography, photo layout and design; the still camera, processing and printing techniques; creative use of camera and of Photoshop 4 for computer enhancement and manipulation of images. Two photographic assignments and a photographic portfolio, plus a (computer) digital assignment.
Courses: KK32
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MJB118
Campus offered: GP **Semester offered:** 1, 2

► KPB130 MEDIA TEXT ANALYSIS
Acquaints students with a range of approaches, both traditional and contemporary, to the analysis of media texts. Equips students with practical methods of understanding the creation and structuring of social meaning through media. The strategies applied in the analysis of texts will be drawn from the following areas: Utilitarianism, New Criticism and the traditional legacy; Semiotics and Structuralism/Post-Structuralism; Marxism and Contextual/Historical Approaches, Feminism, Psychoanalysis, and Multi-Culturalism. The media texts chosen will include newspaper articles, cartoons, photographs, advertisements, films and television programs.
Courses: KK32, IF25, IF27, IF35, KP25, ED50
Credit points: 12 **Contact hours:** 3 per week
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 sound.
Courses: KK32, KP25, IF25, IF27, IF35, ED50
Credit points: 12 **Contact hours:** 4 per week
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 and iconography of particular film and television genres. It also examines the relationships between film genres and television genres, between genre and history/ideology, between genre and the film and television industries, and between the generic texts produced by these industries.
Courses: KK32, KP25, IF27, IF26, IF35, ED50
Prerequisites: KPB130 or equivalent
Credit points: 12 **Contact hours:** 3 per week

Incompatible with: MJB147
Campus offered: GP **Semester offered:** 2

► KPB155 MEDIA PRODUCTION
Should be combined with KPP155. Basic design for informational, creative, corporate, documentary and drama productions. Exploration of the history and theory of design for media production. Introduction to the design of project management strategies, art and screen direction, images, sounds and sequences of audio visual montage at an introductory level. Introduction to project management; performance and screen direction; image capture and lighting design; sonic capture and audio design; visual montage and image mixing.
Courses: KP25, KK32, IF27, KP35, KP36, IF26, IF35
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MJB155
Campus offered: GP **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. Exploration of the historical and theoretical underpinnings of informational media. Training in management, direction, camera, sound and editing as they apply to moving image media at an introductory level. Practice in project management, performance and art direction; image capture and lighting design; sonic capture and audio design; visual montage and image mixing.
Courses: KP25, KK32, IF27, KP35, KP36
Prerequisites: MJB155. This is a quota based unit with preference given to FTVP majors.
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MJB185
Campus offered: GP **Semester offered:** 2

► KPB190 CREATIVE PRODUCTION
Experimentation in the coverage of live movement events; the visual interpretation of sound; the sonic transformation of visual events . Exploration of the historical and theoretical underpinnings of experimental motion picture art. Training in management, direction, camera, sound and editing as they apply to moving image media at an advanced level. Practice in specialist roles on creative productions.
Courses: KP25
Prerequisites: KPB185, KPB155. Available to FTVP majors only.
Credit points: 24 **Contact hours:** 6 per week
Incompatible with: MJB190
Campus offered: GP **Semester offered:** 1

► KPB209 AUSTRALIAN TELEVISION
Explores the role of television in the construction of Australia's cultural identity. Particular attention is paid to the part played by a number of historical mini series and documentary films 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, KK32, IF27, ED50, IF26, IF35
Prerequisites: 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 processes 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 subject draws on the insights provided by a range of media studies approaches: semiotics and structuralism, British cultural studies, narrative theory, reception theory, ideological analysis, feminist criticism, and psychoanalysis. It examines television production as texts, and analyses the factors determining their construction and their possible 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 community-focused video production using video cameras, editing equipment and computers; maximising outcomes using low-cost new wave technologies to produce magazine programs, oral histories, corporate promotional, educational and training videos. This unit is quota based with preferences given to Education and FTVP majors.
Courses: KK32, IF27, KP25, ED50
Prerequisites: KPB155
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MJB260
Campus offered: GP **Semester offered:** 2

► KPB265 CORPORATE PRODUCTION
Electronic field production and television studio production as they apply to business communication. Exploration of the historical and theoretical underpinnings of corporate television and video production. Training in management, direction, camera, sound and editing as they apply to corporate moving image media at an advanced level. Practice in specialist roles on corporate productions.
Courses: KP25, IF27
Prerequisites: KPB155 and KPB185. Available to FTVP majors only.
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 methodologies in film and television drama. Students will be exposed to different approaches to directing actors. The unit will examine a number of case studies of seminal directors who encompass a variety of performance strategies and aesthetic techniques. In addition, the unit will familiarise students with a wide range of stylistic approaches to directing for film and television. Students will be expected to assimilate the principles outlined in the unit into their own creative work and will be formatively assessed on dramatic screenplays they write in the unit.
Courses: KP25
Prerequisites: KPB111, KPB155, KPB185, KPB190, KPB265.
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 mediators in the communication of fictional events. Exploration of the historical and theoretical underpinnings of fictional motion picture art. Training in management, direction, camera, sound, and editing at a professional level. Practice in a specialist role on short drama production/s.
Courses: KP25
Prerequisites: KPB111, KPB155, KPB185, KPB190. Available to FTVP majors only.
Credit points: 24 **Contact hours:** 6 per week
Incompatible with: MJB270
Campus offered: GP **Semester offered:** 2

► KPB275 VIDEO DRAMA PRODUCTION
In this unit students work in small groups to produce short dramas shot on video. Students will be required to shoot either on location or in the studio.
Courses: KP25
Prerequisites: KPB111, KPB155, KPB185
Credit points: 24 **Contact hours:** 6 per week
Campus offered: GP
Semester offered: Not offered 2002

► KPB305 AMERICAN FILM
A contextual study of American films across 50 years. It allows students to explore how films form part of and contribute to the ideologies current during the period of their production. The subject examines the refraction of the Great Depression and Roosevelt's New Deal in 1930s genre films; the post-war reconstruction and the reaffirmation of the family in 1940s films; the anti-communist hysteria and conservatism of the 1950s; the relation of 1960s films to various radical movements of the period; and the treatment of a range of social issues in 1970s and 1980s and 1990s films.
Courses: KK32, IF27, KP25, IF25, IF35, ED50
Prerequisites:
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 constructing gendered and sexualised identities within our culture. Women and men are spectators, objects of the gaze, and creators of meaning. The gender/sexual politics of various cultural texts is integral 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 perspective, incorporating issues of race, class and age, as well as gender and sexuality.
Courses: KK32, IF27
Prerequisites:
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 study of the following national cinemas - China and Japan and also to the study of media within Asia. China will be taken to include reference to the cinemas of the People's Republic of China and Taiwan. The films will be placed within their political, cultural and historical contexts. Thus Chinese cinema will include the study not only of the New Cinema that emerged from the filmmakers Chen Kaige, Wu Tianming, Zhang Yimou and Tian Zhuanzhuang 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 Indonesia, 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 television production including corporate, training and documentary, grant films, features telemovies and mini-series; matching television network programming needs and achieving balance in above-the-line, below-the-line and marketing costs. Sources of finance: PFTC, networks, corporate sponsors, corporate clients, investors, presales, government grants, Film Finance Corporation; methods of obtaining finance, insurance, completion guarantees, legal and accounting requirements; social and ethical 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 construction and circulation of cultural discourses such as national identity, nationalism, gender, ethnicity and class; the Australian landscape in film; experimental and avant garde films; indigenous films; new technological and global challenges.
Courses: KK32
Prerequisites: 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 to national/international cinemas are covered, along with significant historical, textual, representational and ideological issues. The critical challenges posed by productions from these different cultures to Hollywood mainstream productions are also explored.

Courses: KK32, KP25, IF26, IF35, ED50
Prerequisites: 96 credit points of undergraduate study.
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MJB344
Campus offered: GP **Semester offered:** 2

► KPB358 DOCUMENTARY THEORY AND PRACTICE
This unit introduces students to the tradition of documentary production. Students will be exposed to the aesthetic, technical and ethical concerns of the documentary practitioner through history. The unit is a compulsory unit in the major for Media Studies students 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 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: KP25, KK32, KP36, IF26, IF35
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MJB358
Campus offered: GP **Semester offered:** 2

► KPB359 FILM HISTORY
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 Italy, and the '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: KP25, KK32
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MJB359
Campus offered: GP **Semester offered:** 2

► KPB360 DOCUMENTARY PRODUCTION
Video production concerned with the communication of non-fiction events in science, the humanities and the arts. Exploration of the historical and theoretical underpinnings of non fictional motion picture art. Training in management, direction, camera, sound, and editing as they apply to documentary production at a professional level. Practice in a specialist role on video documentary productions.
Courses: KP25
Prerequisites: KPB111, KPB155, KPB185.
Credit points: 24 **Contact hours:** 6 per week
Incompatible with: MJB360
Campus offered: GP **Semester offered:** 2

► KPP104 FILM AND TELEVISION PRODUCTION THEORY
This postgraduate unit equips students with the skills to strategically develop, market and plan their own film and television productions in the international marketplace. It addresses at an advanced level production strategies that are only marginally addressed at the undergraduate level. It also informs students about film laboratory procedures which have been modified by the introduction of digital technology. In addition, student will be acquainted with methodologies and theoretical underpinning for formulating their own aesthetic and developing a personal style.
Courses: KK53, KK52, KK51, KK54, KP35, KP36
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MJP104
Campus offered: GP **Semester offered:** 1

► KPP111 MEDIA WRITING
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 industry 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: KP35
Prerequisites: enrolment in KP35
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MJP111
Campus offered: GP **Semester offered:** 1, 2

► KPP155 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: KP35
Prerequisites: enrolment in KP35
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MJP155
Campus offered: GP **Semester offered:** 1, 2

► KPP185 INFORMATIONAL PRODUCTION
Should be combined with KPB185. Forms of training and educational materials development as they apply to informational media. Exploration of the historical and theoretical underpinnings of informational media. Training in management, direction, camera, sound and editing as they apply to moving image media at an introductory level. Practice in project management, performance and art direction; image capture and lighting design; sonic capture and audio design; visual montage and image mixing.
Courses: KP35
Prerequisites: KPB155 and enrolment in KP35. This is a quota based unit with preference given to FTVP majors.
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MJP185
Campus offered: GP **Semester offered:** 2

► KSB011 MUSIC THEATRE SKILLS
Provides students with an introduction to practical skills development in acting, dance and singing for music theatre.
Courses: KS25, KD15, KM32
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: AAB011
Campus 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: KS25, KS26
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB056
Campus offered: KG **Semester offered:** 2

► KSB202 ACTING 1
Focuses on the actor's instrument, using a series of exercises that deal specifically with whatever impedes the actor's personal truth, and unblocking instrumental blocks to emotional expression. Work incorporates Stage and Camera requirements.
Courses: KS25
Credit points: 12 **Contact hours:** 14 per week
Incompatible with: AAB202
Campus offered: KG **Semester offered:** 1

► KSB203 ACTING 2
Continuation of the Instrument Work and the introduction of Craft Techniques, dealing with contemporary Naturalistic texts for Stage, Film and Television.
Courses: KS25
Prerequisites: KSB202
Credit points: 12 **Contact hours:** 21 per week
Incompatible with: AAB203
Campus offered: KG **Semester offered:** 2

► KSB204 VOICE & MOVEMENT 1
Introduction to an organic approach to body and voice and their integration as the basis for all forms of dramatic expression. All voice and body work complements and supports the emotional freeing demanded in acting classes. Combat, connected speech, and singing are introduced.
Courses: KS25
Credit points: 12 **Contact hours:** 6 per week
Incompatible with: AAB204
Campus offered: KG **Semester offered:** 1

► KSB205 VOICE & MOVEMENT 2
Continuation of the development of a free, responsive actor's instrument. Combat, singing, mask work continues. Introduction to Naturalistic text.
Courses: KS25 **Prerequisites:** KSB204
Credit points: 12 **Contact hours:** 6 per week
Incompatible with: AAB205
Campus offered: KG **Semester offered:** 2

► KSB233 VOICE & MOVEMENT 3
Explores naturalism to the area of heightened language. Focus is on the technical devices of Shakespearean text. Work developed will be performed both on the stage and for camera.
Courses: KS25 **Prerequisites:** KSB205
Credit points: 12 **Contact hours:** 6 per week
Incompatible with: AAB233
Campus offered: KG **Semester offered:** 1

► KSB234 VOICE & MOVEMENT 4
Development of a vocal and physical technique that supports and serves the professional performer. Advanced classes in physical theatre will develop physical expressiveness, clarity and strength. Advanced studio work continues development in film and television techniques.
Courses: KS25 **Prerequisites:** KSB233
Credit points: 12 **Contact hours:** 6 per week
Incompatible with: AAB234
Campus offered: KG **Semester offered:** 2

► KSB235 VOICE & MOVEMENT 5
Application of acting skills involving voice and movement is consolidated in production situations. Students are prepared for auditions for directors and agents.
Courses: KS25 **Prerequisites:** KSB234
Credit points: 12 **Contact hours:** 6 per week
Incompatible with: AAB235
Campus offered: KG **Semester offered:** 1

► KSB247 ACTING 3
Continuation of the development of a personal working process through rehearsal and performance of increasingly complex texts.
Courses: KS25 **Prerequisites:** KSB203
Credit points: 12 **Contact hours:** 20 per week
Incompatible with: AAB247
Campus offered: KG **Semester offered:** 1

► KSB255 THEATRE PROJECT 1
Students participate in a season of semi-profiled performance projects, working as an ensemble performing roles for film and theatre.
Courses: KS25, KS26
Prerequisites: KSB248 or KSB291
Corequisites: KSB294 (TPM students only)
Credit points: 24 **Contact hours:** 20 per week
Incompatible with: AAB255
Campus offered: KG **Semester offered:** 1

► KSB256 THEATRE PROJECT 2
A season of profiled performance projects, providing students with the opportunity to demonstrate their skills to potential employers in the industry,
Courses: KS25, KS26 **Prerequisites:** KSB255
Credit points: 36 **Contact hours:** 20 per week
Incompatible with: AAB256
Campus offered: KG **Semester offered:** 1, 2

► KSB259 THE PERFORMANCE INSTRUMENT: BODY & VOICE
Understanding vocal and physical patterns; application of integrated approach to body and voice in personal expression.

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: KS25, KS26
Prerequisites: KSB289 **Corequisites:** KSB292
Credit points: 12 **Contact hours:** 6 per week
Incompatible with: AAB274
Campus offered: KG **Semester offered:** 1

► KSB276 VISUAL THEATRE - DESIGN
Role of visual expression in theatrical events; elements of space; approaches to researching design elements; bearing of text and resources on events; Western and Eastern influences.
Courses: Open Elective
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB276
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: KS26
Credit points: 12 **Contact hours:** 6 per week
Incompatible with: AAB289
Campus offered: KG **Semester offered:** 1

► KSB290 TECHNICAL PRODUCTION 2
Continuation of creative use of lighting and sound in performances. Introduction to lighting and sound design.
Courses: KS26
Prerequisites: KSB274, KSB292
Credit points: 12 **Contact hours:** 6 per week
Incompatible with: AAB290
Campus offered: KG **Semester offered:** 1

► KSB291 TECHNICAL PRODUCTION 3
Broadening of skills base in areas of lighting and sound into drama, contemporary dance, ballet, opera, musicals, concerts and television productions.
Courses: KS26
Prerequisites: KSB290 **Corequisites:** KSB293
Credit points: 12 **Contact hours:** 21 per week
Incompatible with: AAB291
Campus offered: KG **Semester offered:** 2

► KSB292 STAGE MANAGEMENT 1
Introduction to coordination of a live theatre production including theatre layout and terminology, role of the stage manager, duties and responsibilities from pre-rehearsal to close of season, communication procedures, rehearsal room procedures.
Courses: KS26
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: KS26 **Prerequisites:** KSB292
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: AAB293
Campus offered: KG **Semester offered:** 1

► 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: KS26
Prerequisites: KSB291 and KSB293
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: AAB294
Campus offered: KG **Semester offered:** 1

► KTB056 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 public speaking, meeting procedures and career management.
Courses: KD25, KS25, KS26, KT32, KM32, KV23, KV32, IF78, KI25, KI32
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB056
Campus offered: KG **Semester offered:** 2

► KTB061 ARTS BUSINESS MANAGEMENT
An introduction to management techniques within the Australian arts environment, including company structures, cultural policy, strategic management and leadership in the arts, legal, ethical, economical and social requirements of arts, boards, entrepreneurial activity.
Courses: KD25, KS25, KS32, KT33, KM32, KV25, KV32
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB061
Campus offered: KG **Semester offered:** 2

► KTB062 ARTS EVENT PROMOTION & PUBLIC RELATIONS
The roles of publicist, promotion officer, marketing manager and public relations manager in arts organisations. Sponsorship, fundraising programs, membership drives. Planning the promotional and public relations campaign.
Courses: KD25, 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 an understanding 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: AAB208
Campus offered: KG **Semester offered:** 1

► KTB214 PROCESS DRAMA
Workshops involving individual, face-to-face and group role play; participant enrolment, leader-in-role and intervention; identification with role; negotiation, devising and consequent decision-making; dramatic tension and resolution; structuring for the theme and for the dramatic moment; distancing devices; reflection, re-enactment and remaking.
Courses: KS25, KS26, 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 movements: Realism, 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:** 1

► KTB253 THEATRE HISTORY: STAGING AUSTRALIA
Key concepts and practices pertaining to Australian theatre and drama of 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 performance.
Courses: KS25, KS26, KT32, KT33, IF76
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB257
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's 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 West 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. Students develop skills 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
Corequisites: KSB257
Credit points: 12 **Contact hours:** 5 per week
Incompatible with: AAB273
Campus offered: KG **Semester offered:** 2

► KTB275 UNDERSTANDING THEATRE
Theories of analysis: script to performance, semiotics, hermeneutics, reception studies, anthropology, phenomenology; theatrical actions and reactions, feminist studies. Objects of analysis include the classics, video/film, musicals, dance theatre, installations, stand-up comedy, opera, hybrid art forms and street theatre.
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
Introductory technical knowledge and skills in theatrical lighting and sound operation necessary to stage a production in a small theatre with a minimum of support 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 process of improvisation and the way drama can be used as a tool for critical enquiry and social change. Provides basis for further work in writing for performance and advanced improvisational skills.

Courses: KS25, KS26, KT32, KT33, IF76
Prerequisites: KSB214
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB280
Campus offered: KG **Semester offered:** 2

► KTB304 FORMING KNOWLEDGE
The approaches to art taken by major aestheticians; the characteristics and significance of the aesthetic field; the way the arts contribute to the development of mind and knowledge; modes of knowing, propositional knowledge and tacit understanding.
Courses: KS25, KS26, KT32, KT33, IF76
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB304
Campus offered: KG **Semester offered:** 2

► KTB306 DIRECTING FOR THEATRE
Analysis of the directors role in production management including play selection, resource auditing, pre-production analyses, time, budget and resource planning, design, technical effects, promotion and publicity and the responsibilities of health, safety and ethical issues.
Courses: KS25, KS26, KT32, KT33, IF76
Prerequisites: KSB271
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB306
Campus offered: KG **Semester offered:** 1

► KTB307 WRITING FOR PERFORMANCE
Approaches to the creative process of writing text for drama. The principal standpoint adopted is that of the writer but there is a secondary focus on script development from the point of view of the dramaturg. Both roles are considered in the working environment of Australian writers of drama. Most of the writing generated by students will be for the stage; but those who can demonstrate background in other media may be permitted to apply the principles and skills of dramatic writing in that context.
Courses: KS25, KS26, K32, KT33, IF76, Open Elective
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: AAB307
Campus offered: KG **Semester offered:** 2

► KTB308 PERFORMANCE 2
Development of a performance piece through group devising with professional guidance.
Courses: KS25, KS26, KT32, KT33, IF76
Prerequisites: KSB273
Credit points: 12 **Contact hours:** 8 per week
Incompatible with: AAB308
Campus offered: KG **Semester offered:** 1, 2

► KTB309 PERFORMANCE 3
This final year elective unit provides Theatre Studies students with an opportunity to collectively manage and perform a public season of an original production or series of smaller performances. Students themselves take on the various roles of direction, dramaturgy, rehearsal, research, scripting, stage management, design, publicity, documentation, acting and so on.
Courses: KS25, KS26 **Prerequisites:** KSB308
Credit points: 12 **Contact hours:** 6 per week
Incompatible with: AAB309
Campus offered: KG **Semester offered:** 2

► KTB310 STUDIES IN ACTING 3
This unit addresses the relationship between ideas and the way they are formed into action. It is designed to move the student into areas of advanced preparation for creating a performance by introducing major theoretical issues in contemporary cultural analysis and developing advanced acting skills.
Courses: KS25, KS26, KT32, KT33, IF76
Prerequisites: KSB257
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB310
Campus offered: KG **Semester offered:** 1

► KTB414 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 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.
Courses: ED55, KT33, IF76
Prerequisites: 96 credit points in each relevant discipline area
Credit points: 12 **Contact hours:** 5 per week
Incompatible with: AAB414
Campus offered: KG **Semester offered:** 2

► KTB415 DRAMA CURRICULUM STUDIES 2
Extends AAB414; 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:** 1

► KTN200 DRAMATURGY
An investigation of the role of the dramaturge in Western cultures, particularly the emerging role of the dramaturge in Australian theatre; the methodologies of the dramaturge, the criteria used for script assessment, and a comparative study of the role of the script editor/story editor in the screen writing industry.
Courses: KK42, KK52, KK53
Credit points: 12 **Contact hours:** 2 per week
Incompatible with: AAN200
Campus offered: KG **Semester offered:** 1

► KVB004 CONTEMPORARY AESTHETIC DEBATES
Introduction to modern aesthetic debates that inform contemporary art practice. The unit addresses philosophical discourse on art from Kant to post-modern theories.
Courses: KK52, KK53, KK51
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB004
Campus offered: KG **Semester offered:** 1

► KVB005 READINGS IN VISUAL ARTS
Concentrates on developing critical and analytical skills in reading and writing about the visual arts. It focuses on critical art-historical writings since 1968.
Courses: KK52, KK53
Prerequisites: Minimum course GPA of 5, and approval of Course Coordinator
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB005
Campus offered: KG **Semester offered:** 2

► KVB064 VISUAL & PERFORMING ARTS OF ASIA
Introductory overview to the influence of selected philosophical traditions on the visual and performing arts in Asia; contemporary arts practice in Asia; the impact of non-Asian ideas and artforms on selected Asian arts practices.
Courses: KD25, KS25, KS26, KT32, KV25, KV32, KI25, KI32, KM32, IF78
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB064
Campus offered: KG **Semester offered:** 1

► KVB412 ART CURRICULUM STUDIES 1
Students develop planning and teaching skills in selected Art curriculum areas. Content includes: the nature of the Art curriculum area/discipline; its role and contribution as a medium for education; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experiences in selected curriculum areas.
Courses: ED50, ED54, IF78
Prerequisites: 48 credit points in each relevant discipline area
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB412
Campus offered: KG **Semester offered:** 2

► KVB413 ART CURRICULUM STUDIES 2
Extends KVB412; Art curriculum development within the context of contemporary policies, frameworks and agencies; principles of measurement, assessment and evaluation; teaching and learning strategies; directions in curriculum development.
Courses: ED50, ED54, IF78
Prerequisites: KVB412
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 1

► KVB444 CONTEMPORARY VISUAL ARTS OF ASIA
Development of an understanding and awareness of non-Western art forms. The influences of historical visarts, backgrounds, philosophical beliefs and trade on the symbolism, forms, techniques and uses of various artefacts.
Courses: KV25, KV32, IF78
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB444
Campus offered: KG **Semester offered:** 2

► KVB447 DRAWING
Examination of conventional and contemporary drawing processes; investigation of materials for drawing, shape and volume, line as a means of expression and communication, perspective, rendering, perceptual organisation and expressive effects.
Courses: KV25, KV32, ED22, ED50, IF78, ED26, ED51, ED52
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB447
Campus offered: KG **Semester offered:** 1, 2

► KVB457 SCULPTURE
This subject provides an introduction to the history and theory of sculpture and provides students with the opportunity to develop their ideas in relation to the exploration and manipulation of a range of materials and techniques used in the sculpture studio.
Courses: KV25, KV32, ED22, ED26, ED50, ED51, ED52, IF78
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB457
Campus offered: KG **Semester offered:** 1, 2

► KVB701 MODERNISM
An examination of the concepts and movements that comprise twentieth-century modernism. Key themes such as avant-garde, modernism and modernity will be explored in detail, especially in relation to the theory and practice of avant-garde modernism.
Courses: KV25, KV32, ED50, IF78
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB701
Campus offered: KG **Semester offered:** 2

► KVB702 AUSTRALIAN AND INDIGENOUS ART
This unit introduces students primarily to Australian Art of the second half of the twentieth century as well as the contemporary period. It is critical that students consider the national, cultural and social frameworks within which this art has been produced. The unit will introduce students to a number of artists, artistic movements and issues within Australian Art. It also considers the nature of indigenous art ad its contribution to the complex of Australian cultural identity. All of these issues will be presented in order to assist students in understanding the important role of Australian art as an expression of our cultural values in the last decades of the twentieth century.
Courses: KV25, KV32
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 1, 2

► KVB703 VIDEO ART AND CULTURE
Existing Visual Arts units examine a broad range of subjects addressing artistic media such as painting, sculpture and installation. The 'Video Art and Culture' unit will supplement these by instituting a specialised study of artistic and cultural practice that focuses on new mass media technology. The unit will therefore enhance, extend and update knowledge of recent art strategies in contemporary society.
Courses: KV25, KV32
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB703
Campus offered: KG **Semester offered:** 1, 2

► KVB704 THEORIES OF SPATIAL CULTURE
This unit provides the necessary critical evaluation of issues and practices that relate to considerations of space in modern and contemporary art, new media and culture in general. It will provide a historical overview of key art practices that have focused their critical attention to the issue of space and the built environment. In order to function as an informed practitioner in the environment of public space a student must acquire such knowledge because it will form the critical-analytical background to current debates and theories in the field of spatial culture and public art.
Courses: KV25, KV32
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB704
Campus offered: KG **Semester offered:** 1, 2

► KVB712 CONTEMPORARY ART ISSUES
Current practices in the visual arts are addressed by analysing and interpreting original works on exhibition, in stockrooms and in studios. By means of lectures, discussions and analysis of artworks and readings, the individual's awareness of the conceptual, historical and philosophical contexts concerning artists and the artworks is heightened. (Prerequisite for entry to Honours.)
Courses: KV25, KV32, ED26, ED50
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB712
Campus offered: KG **Semester offered:** 1

► KVB740 STUDIO ART PRACTICE 1
Designated unit. Development of an enquiry-based, self-sustaining art practice; fostering of appropriate research skills; encouragement of open flexible independent approach to formulating resolutions to conceptual and visual concerns; development of safe workshop practices, safe studio work habits and appropriate professional skills. Introductions to technological artforms.
Courses: KV25, KV32, IF78
Credit points: 24 **Contact hours:** 12 per week
Incompatible with: AAB740
Campus offered: KG **Semester offered:** 1

► KVB741 STUDIO ART PRACTICE 2
Designated unit. Continued development of concepts, skills and approaches to self-generated contemporary art practice established in Studio Art Practice 1. Maintaining responsible art practice; expansion of appropriate research skills; increased knowledge of safe workshop practices, safe studio work habits, and appropriate professional skills.
Courses: KV25, KV32, IF78
Prerequisites: KVB740
Credit points: 24 **Contact hours:** 12 per week
Incompatible with: AAB741
Campus offered: KG **Semester offered:** 2

► KVB742 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 concepts.
Courses: KV25, KV32, IF78
Prerequisites: KVB741
Credit points: 12 **Contact hours:** 6 per week
Incompatible with: AAB742
Campus offered: KG **Semester offered:** 1

► KVB743 STUDIO ART PRACTICE 4
The conditions of current cultural practice, their production, reception and contribution to society are extremely diverse, increasingly complex and multi-layered. Sustained critical involvement and an increasing commitment to artistic conceptual pursuits will be underpinned by contemporary theoretical reference which includes investigation into a broad range of artists' practices. Students will be required to articulate a personal position in these issues.
Courses: KV25, KV32, IF78
Prerequisites: KVB742
Credit points: 24 **Contact hours:** 6 per week
Incompatible with: AAB743
Campus offered: KG **Semester offered:** 2

► KVB744 STUDIO PROJECT 1
In consultation with studio staff students at this level are expected to undertake individual projects that lead to the development of a professional organised and articulated body of work. Substantial research is expected in support of these projects.
Courses: KV25, KV32
Prerequisites: AAB743
Credit points: 24 **Contact hours:** 6 per week
Incompatible with: AAB744
Campus offered: KG **Semester offered:** 1

► KVB745 STUDIO PROJECT 2
In consultation with studio staff students at this level are expected to undertake individual projects that lead to the development of a professionally organised and articulated body of work. Substantial research is expected in support of these projects.
Courses: KV25, KV32 **Prerequisites:** KVB744
Credit points: 24 **Contact hours:** 6 per week
Incompatible with: AAB745
Campus offered: KG **Semester offered:** 2

► KVB746 INTERMEDIA PROJECT 1
Courses: KV25
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG, GP
Semester offered: 1, 2 (Not offered 2002)

► KVB747 INTERMEDIA PROJECT 2
Courses: KV25
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG, GP
Semester offered: 1, 2 (Not offered 2002)

► KVB751 EXTENDED STUDIO PRACTICE 1
Extension of practical studio units of core media studies or elective studio units.
Courses: KV25, KV32, IF78
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB751
Campus offered: KG **Semester offered:** 1, 2

► KVB752 EXTENDED STUDIO PRACTICE 2
Extension of practice studio units or core media studies or elective studio units.
Courses: KV25, KV32, IF78
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB752
Campus offered: KG **Semester offered:** 1, 2

► KVB753 EXTENDED STUDIO PRACTICE 3
Extension of practice studio units or core media studies or elective studio units.
Courses: KV25, KV32, IF78
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB753
Campus offered: KG **Semester offered:** 1, 2

► KVB754 EXTENDED STUDIO PRACTICE 4
Extension of practice studio units or core media studies or elective studio units.
Courses: KV25, KV32, IF78
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB754
Campus offered: KG **Semester offered:** 1, 2

► KVB755 FOUNDATIONS OF DRAWING FOR ANIMATION
This is a studio based unit that introduces students to media, processes, strategies and traditions of drawing and associated imagery for use in animated media. The development of critical/reflective frameworks of traditional and contemporary practice underpins studio development.
Courses: KI25, KI32
Prerequisites: Nil **Corequisites:** Nil
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB755
Campus offered: KG **Semester offered:** 1

► KVB756 FOUNDATIONS OF DRAWING FOR ANIMATION 2
This unit will develop individual knowledge, concepts and skills to enable students to articulate and present capabilities of motion through drawing for contemporary animation practices.
Courses: KI25, KI32
Prerequisites: KVB755 **Corequisites:** None
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB756
Campus offered: KG **Semester offered:** 2

► KVB757 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 drawing facilitates description, recording, synthesis, analysis, decoration, interpretation, reconstruction and response to visual form. Consequently, drawing in this industry incorporates conventions and interpretations of figures and materials to design, describe and promote fashion products. Core skills and knowledge of drawing provide an important foundation for existing and evolving modes for constructing and presenting fashion proposals.
Courses: KF25
Prerequisites: Nil **Corequisites:** Nil
Credit points: 6 **Contact hours:** 3 per week
Incompatible with: AAB757 1/2
Campus offered: KG **Semester offered:** 1, 2

► KVB757 2/2 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 drawing facilitates description, recording, synthesis, analysis, decoration, interpretation, reconstruction and response to visual form. Consequently, drawing in this industry incorporates conventions and interpretations of figures and materials to design, describe and promote fashion products. Core skills and knowledge of drawing provide an important foundation for existing and evolving modes for constructing and presenting fashion proposals.
Courses: KF25
Prerequisites: Nil **Corequisites:** Nil
Credit points: 6 **Contact hours:** 3 per week
Incompatible with: AAB757 2/2
Campus offered: KG **Semester offered:** 1, 2

► KVB758 1/2 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
Prerequisites: KVB758 **Corequisites:** Nil
Credit points: 6 **Contact hours:** 3 per week
Incompatible with: AAB758 1/2
Campus offered: KG **Semester offered:** 1, 2

► KVB758 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
Prerequisites: KVB757 **Corequisites:** Nil
Credit points: 6 **Contact hours:** 3 per week
Incompatible with: AAB758 2/2
Campus offered: KG **Semester offered:** 1, 2

► KVB759 FASHION ILLUSTRATION
The importance of drawing in fashion design is to visually communicate apparel design and pattern construction. Embedded in this communication process are the conventions and influences of historical, cultural, social and environmental sources that shape the traditions of drawing for fashion.

Courses: KF25
Prerequisites: KVB758 **Corequisites:** Nil
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAB759
Campus offered: KG **Semester offered:** 1, 2

► KVP503 CLAY MATERIALS
Develop ceramic knowledge, artistic concepts and practical/technical skills; investigation of selected historical ceramic eras; understanding of the relationship between ceramics and the maker's culture; development of personal imagery and design.
Courses: ED22, ED26, ED50, ED51, KV25, KV32, IF78
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAP503
Campus offered: KG **Semester offered:** 1, 2

► KVP507 PAINTING
Introducing and developing an active awareness of both historical and contemporary issues in painting and drawing through studio practice and tutorials; the skills appropriate to the range of available media pursued in studio classes and professional practice.
Courses: ED22, ED26, ED50, ED51, KV25, KV32, IF78
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAP507
Campus offered: KG **Semester offered:** 1, 2

► KVP509 PHOTOGRAPHIC MEDIA
Photographic practice in Visual Arts, with emphasis on, but not limited to chemical black/white processes. Darkroom and camera skills, aesthetic and conceptual aspects of photography, history of art and photography, history of art and photography, personal approaches to photographic practice. Students must have access to a camera for this unit.
Courses: ED22, ED26, ED50, ED51, KV25, KV32, IF78
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AAP509
Campus offered: KG **Semester offered:** 1, 2

► KVP511 PRINTMAKING
A selection of printmaking processes from the following will be undertaken: Relief processes: raised and incised surfaces i.e. lino, wood, cellograph; Intaglio processes: etching and drypoint. Monoprint; Serigraphic 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: AAP511
Campus offered: KG **Semester offered:** 1, 2

► KWB010 COMMUNICATION FOR THE IT SPECIALIST
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1, 2

► KWB150 FILM, CRIME AND DEVIANCE
What is deviance? Why do some people become deviant? How do certain acts come to be understood as crime? Topics covered include labelling theory, corporate and white-collar crime, drug use, organised crime and techniques of punishment. A variety of other problems of deviance, especially sexual deviance and mental illness, will be examined and compared to criminal deviance.
Courses: KW25, KW32, IF93
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HUB150
Campus offered: GP **Semester offered:** 2

► KWB216 THEORETICAL PERSPECTIVES ON COMMUNICATION
Surveys the intellectual foundations of the communication discipline and provides an introduction to various theoretical explanations of communication. Applications to the problems and opportunities encountered in the areas of organisational communication, public relations and advertising will be stressed.
Courses: BS50, BS56, IF26, IF28, IF30, IF41, IF47, IF48, IF62
Prerequisites: BSB115, BSB117; or 48 credit points of approved prior study for non-Bachelor of Business students only
Credit points: 12
Incompatible with: COB113, COB113
Campus offered: KG **Semester offered:** 2

► KWB222 INTRODUCTION TO COMMUNICATION PRACTICE
Builds on the practical applications of presentation and writing skills developed in the faculty core. Founded on theories of language and communication to develop competence in structuring and designing for varied audiences; analysing documents and speech presentation; managing and mentoring the writing and presentation skills of staff; and preparing for staff training and consulting in these roles.
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1

► KWB229 FILM AND TELEVISION SCRIPTWRITING
This unit aims to produce writers who can operate competently as scriptwriters, especially of drama scripts, and facilitates practice in writing scripts for moving image media productions. Students receive workshops and individual consultations and feedback on their work with industry professionals.
Courses: KW25, KW32, IF93
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 therefore be introduced to key language theory and creative writing practice.
Courses: KW25, KW32, IF93
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MJB250
Campus offered: GP **Semester offered:** 1

► KWB314 CORPORATE WRITING AND EDITING
This unit should provide a capstone for the knowledge and skills developed in other writing studies. Students expand their range of genres and acquire a more sophisticated understanding of writing fundamentals in a computer-mediated environment. This unit will develop the ability to identify and implement sophisticated writing genres; require students to investigate and report on a variety of writing issues; and to evaluate the efficacy of complex corporate and professional writing.
Courses: KW32
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1

► KWB315 PERSUASIVE WRITING
This unit teaches the use of persuasive writing in the workplace. The unit analyses a variety of writing genres to reveal how they persuade their audiences. The analysis is founded on critical discourse and semiotic theory. Students apply these learned techniques and theories to produce a portfolio of persuasive writing. It covers a range of genres such as Public Health Campaign, Proposal, Speechwriting and Political Persuasion.
Courses: KW25, KW32, IF93
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 2

► KWB318 MUSIC AND CULTURE: ROCK STARS TO DJS
This unit focuses on the cultural context, uses and functions of popular music, and is oriented around a rough history of popular music, from its beginnings in jazz and blues through some of its current manifestations.
Courses: KW25, KW32, IF93
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP
Semester offered: Not offered 2002

► KWB321 BODY MATTERS
The preoccupation with the body is a permanent feature of modern life, and increasingly so as the body intersects with technology and cyberspace. This unit examines a number of body matters in a range of discourses and through a number of literary and filmic texts.
Courses: KW25, KW32, IF93
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 2

► KWB350 CREATIVE WRITING & PUBLISHING
The emphasis is on writing the short story and narrative structure. The unit takes the perspective of the creative writing practitioner, and the emphasis is on writing for publication and for specific markets as well as for enjoyment. Editing and rewriting are viewed as integral to the writing process.
Courses: KW25, KW32, IF93
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MJB350
Campus offered: GP **Semester offered:** 1, 2

► KWB370 ELECTRONIC CREATIVE WRITING
An advanced unit for students working towards a vocation involving professional writing and especially for majors in creative writing production. This unit builds on the practical skills and conceptual background acquired in first and second year Creative Writing units, and offers advanced techniques in professional writing and editing, especially web/electronic narrative writing, and advanced experimental techniques.
Courses: KW25, KW32, IF93
Prerequisites: KWB350
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MJB370
Campus offered: GP **Semester offered:** 1

► 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: KW25, KW32, IF93, KW35
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MJB380
Campus offered: GP **Semester offered:** 2

► KWB381 CREATIVE NON-FICTION WRITING 2
This unit aims to produce writers who are competent in a variety of non-fiction written modes, specifically review writing, literary journalism, travel writing, technical, scientific, environmental, comic/satirical, food and sports writing, as well as textbook and essay writing.
Courses: KW25, KW32, IF93
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1

► 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 feedback and developmental opportunities for students to develop advanced editing skills.
Courses: KW25, KW32, IF93
Credit points: 24 **Contact hours:** 6 per week
Campus offered: GP
Semester offered: Not offered 2002

► KWB395 CREATIVE WRITING PROJECT 1 [12CP]
This unit provides the opportunity for students to write a sustained piece of creative work, within the genre of their choice, including short fiction, poetry, scriptwriting, creative non-fiction, hypertext and other multimedia interactive writing, under supervision. Such work will be written to a standard commensurate with being suitable to submit for publication to print or electronic publications. The students' final submission will also

be written after familiarisation with industry demands, 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 2 [36CP]
As the capstone unit in the BFA Creative Writing, this unit gives the student the vital opportunity to concentrate on developing, writing and editing a sustained major piece of creative work, within the genre of their choice, including short fiction, poetry, scriptwriting, non-fiction and hypertext/interactive narrative, under supervision.
Courses: KW25
Prerequisites: Final semester BFA Creative Writing students 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 literature. This unit provides a strong grounding in analysing a major branch of international writing and develops skills in textual and cultural analysis.
Courses: KW25, KW32, IF93
Credit points: 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 of Aborigines and Torres Strait Islanders has only recently begun to be appreciated. By examining this tradition, its continuation to the present day and its transformation 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
Credit points: 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 Australia; focuses on textual analysis of major generic types; considers issues such as race, gender, class and regionalism in fiction for young Australians.
Courses: KW25, KW32, IF93
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HUB712
Campus offered: GP **Semester offered:** 2

► KWB716 INTRODUCTION TO LITERARY AND CULTURAL STUDIES
Culture, whether it be 'high' or 'low', 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
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 expression of social and cultural change in literature, and the way in which those changes are mediated in popular entertainment in the twenty-first century.
Courses: KW25, KW32, IF93
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HUB724
Campus offered: KG **Semester offered:** 1

► KWB725 POPULAR FICTIONS, POPULAR CULTURE
Offers a historical and theoretical context 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 modes. It provides, as well, a critical assessment of the ways in which 'popular' culture has been interpreted and the issues such a private/public space addressed.
Courses: KW25, KW32, IF93
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 to analyse the dominance of this cultural icon; emphasises recent theoretical and performance strategies in Shakespearian genre studies.
Courses: KW25, KW32, IF93
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: BS72, 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 writing. Such theory enhances critical awareness and knowledge of writing strategies relevant to the production of a text.
Courses: KK51, KK54, KW35, KJ36, KP36
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: LP41
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: LP41
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 practice in the area of securities law, consumer credit and creditor's remedies.
Courses: LP41 **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 transactions and to advise on the legal effects of those transactions. In an economy such as Australia's, where the economic well being of many people depends on private commercial activities, lawyers must be prepared for their role in the facilitation and conduct of commercial transactions.
Courses: LP41 **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. Learning how to administer a deceased's estate is a good platform for developing legal drafting skills and the skill of giving legal advice in clear and concise terms. Family law practice is also one of the eight recommended areas of practice for pre-admission practical training specified by the Australasian Professional Legal Education Council.
Courses: LP41 **Prerequisites:** LPP101, LPP102
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 counselling are dealt with in the Dispute Resolution Skills unit.
Courses: LP41 **Prerequisites:** LPP101, LPP 102
Credit points: 12
Contact hours: 6 (on-campus) 2 (off-campus) per week
Campus offered: GP, EXT
Semester offered: 1, 2

► LPP107 PROPERTY LAW PRACTICE
Many lawyers are regularly involved in the purchase and sale of real property and the convey-

ance of real property. Most lawyers need an ability to advise clients in respect to contracts of sale of property and the effects on property transactions of legislation such as environmental and legislation planning.
Courses: LP41
Credit points: 12 **Contact hours:** 6 per week
Campus offered: GP **Semester offered:** 1, 2

► LPP108 PLACEMENT
A placement has always been regarded as a necessary part of the GradDipLegalPrac. Most preadmission 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: LP41
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 evolutionary terms: molecular biotechnology is introduced as a tool that assists both the mapping of populations and communities, and the diagnosis of organism malfunction.
Courses: ED50, LS37, LS50, PU43, SC01
Credit points: 12 **Contact hours:** 4 per week

► LSB131 ANATOMY
Basic concepts of anatomy; overview of the structure of cells, body 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 PHYSIOLOGY
The aim of this unit is to provide grounding in the principles of human anatomy and physiology. Following an introduction to the structure of the cell and the organisation of tissues, each of the major systems that constitute the human body are examined by the integrated study of their anatomy and physiology.
Courses: ED50, 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 structure of primary tissues and the macroscopic morphology of the organs and structures of organ systems.
Courses: OP42
Prerequisites: Nil **Corequisites:** Nil
Credit points: 12 **Contact hours:** 5 per week

► LSB182 BIOSCIENCE 1
Develops an understanding of normal human structures in relation to their functions at the cellular, tissue and organ levels. This is an foundation course in anatomy and physiology for nursing students. Topics covered are: the cell, tissues; systems of the body and their functions, surface anatomy and body topography
Courses: NS40, NS48
Credit points: 12 **Contact hours:** 5 per week

► LSB231 PHYSIOLOGY
Covers the general physiological principles such as homeostasis and how all systems in the body contribute to it. Topics will include cells, transport processes, cardiovascular system, cardiac electrical activity, cardiac output, regulation of blood pressure, respiratory system, endocrine system, 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, musculature, angiology and neurology.
Courses: PU40 **Prerequisites:** LSB131
Credit points: 12 **Contact hours:** 5 per week

► LSB238 CELL AND MOLECULAR BIOLOGY 1
Introduction at the cellular level to essential physiological and metabolic requirements fundamental to life processes. This unit will concentrate on basic cell biology concepts building from the simple levels of cell components and organelles to more complex concepts of organisation and expression of the genome, the cytoskeleton and extracellular matrix structures, information transduction, cell-cell interactions and cell specialisation.
Courses: ED50, LS37, LS50, SC01
Corequisites: 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, yet comprehensive study of the anatomy and physiology of the various body systems. Application of scientific methods to the study of the general principles of disease processes and the major diseases of the organ systems.
Courses: PH38 **Prerequisites:** LSB145
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 control; excitable tissues; control systems nervous and endocrine; maintenance systems gastrointestinal; cardiovascular; respiratory; renal; integrated mechanisms sexual development; pregnancy; parturition; lactation; control of growth; food intake; organic metabolism; body temperature; ECF osmolality and volume; blood pressure and flow; respiration; response to tissue damage; adaptation to stress. This unit includes a practical program of two hours per week.
Courses: LS37, OP42
Prerequisites: LSB150 OR LSB152
Credit points: 12 **Contact hours:** 6 per week

► LSB255 HUMAN ANATOMY
The medically oriented biological scientist requires a detailed understanding and knowledge of human anatomy. This unit exposes the student to the theoretical and practical facets of both microscopic and macroscopic anatomy of the human body with the emphasis on the microscopic anatomy.
Courses: LS37
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 BIOMOLECULAR SCIENCE
The structures and functions of proteins, carbohydrates, lipids and nucleic acids, basic enzymology, mechanisms of cellular energy production and the role of ATP; the metabolism of carbohydrates, lipids and amino acids and the fundamentals of protein biosynthesis and molecular biology.
Courses: OP42, PU40
Credit points: 12 **Contact hours:** 5 per week

► LSB282 BIOSCIENCE 2
Introduction to diseases, infections and treatments; the body defence systems and control of infection and considers in depth the respiratory and cardiovascular systems and diseases which affect these systems.
Courses: NS40, NS48
Prerequisites: LSB182 **Credit points:** 12

► LSB308 BIOCHEMISTRY
The basic biochemistry of amino acids, peptides and proteins, carbohydrates and nucleic acids; lipid biochemistry and membrane function; basic enzymology; energy production in cells: high energy molecules, thermodynamics and bioenergetics.
Courses: ED50, LS37, SC01
Prerequisites: PCB242, LSB238
Credit points: 12 **Contact hours:** 4 per week

► LSB309 INTRODUCTION TO INTELLECTUAL PROPERTY LAW
Intellectual property protection is undoubtedly of paramount importance in the research, development and commercialisation of emerging technologies. Managers and researchers need to be aware of the different types of property that can be protected and how the property needs to be protected. There have also been significant developments in the field of intellectual property law in recent years. The concepts to be taught in Introduction to Intellectual Property Law are of significant relevance to persons intending to practice in the emerging fields of science.
Courses: LS50
Credit points: 12 **Contact hours:** 4 per week

► LSB321 SYSTEMATIC PATHOLOGY
Diseases of the organ systems: cardiovascular, respiratory, alimentary, urogenital, nervous musculoskeletal, endocrine, haematologic and skin.
Courses: PH38 **Prerequisites:** LSB221
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 in health and disease, as a preparation for their clinical studies.
Courses: LS37, LS50
Prerequisites: PCB242 **Corequisites:** LSB338
Credit points: 12 **Contact hours:** 5 per week

► LSB328 MICROBIOLOGY 1
An introductory core unit in microbiology dealing with aspects of microbial diversity, ecology, classification and taxonomy, structure and function, nutrition and metabolism, growth and reproduction, genetics, control and host-microbe interactions.
Courses: LS50, SC01
Prerequisites: PCB242, LSB238
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 1
Focuses on the regional anatomy of the head, neck, upper limb, lower limb, and vertical column and the anatomy of the structures of the above regions that are visualised by medical imaging modalities.
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 enrolled 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 [LSB558] 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 process of medical care. Students must understand the nature of disease processes and the clinicians response to them in order to: design appropriate and efficient 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 and frequently encountered diseases and disorders of the major body systems.
Courses: PU40
Prerequisites: LSB142 **Corequisites:** PUB220
Credit points: 12 **Contact hours:** 3 per week

► LSB365 PATHOLOGY
Pathology is the study of disease processes underlying the major specific diseases of the organ systems that are the focus in systematic pathology. Understanding general and systematic pathology is fundamental to the application of basic biomedical knowledge to clinically relevant states and the major diseases. The 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 system; diabetes; diseases of joints; musculoskeletal adaptations; posture control and balance; obesity and its effects on the body; physiological demands of exercise.
Courses: NS40, NS48 **Prerequisites:** LSB282
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, and include: seed germination and the mobilisation of seed reserves; water and mineral-nutrient uptake; photosynthesis; responses to stresses (including water deficit, excess light, attacks by pests and pathogens); synthesis of unique chemicals; development of flowers and fruits. This is a foundation unit for continuation into plant biotechnology and ecology areas.
Courses: ED50, LS50, SC01
Prerequisites: NRB270
Credit points: 12 **Contact hours:** 4 per week
Semester offered: 2

► LSB408 METABOLISM
The basic pathways of metabolism of the major nutrient groups in mammals, including carbohydrates, lipids and amino acids; electron transport and oxidative phosphorylation; metabolic control mechanisms in relation to nutrient status, energy demand and the integration of specialised tissue functions.
Courses: ED50, SC01 **Prerequisites:** LSB308
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 search and project inception, design, management and feasibility. Academic and industry mentors will guide student teams through the preliminary stages of project conceptualisation 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, classification of living organisms, collection and manipulation of microbiological samples, public health concerns relating to micro-organisms, report writing skills applying microbiological knowledge and critique of publications.
Courses: PU40, PU43
Credit points: 12 **Contact hours:** 6 per week

► LSB425 QUANTITATIVE MEDICAL SCIENCE
This unit develops the understanding of basic theoretical and practical aspects of biochemistry and molecular biology in the context the clinical analysis laboratory, providing the background for the Clinical Biochemistry units.
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 microbes.
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 focussing 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 will assist in 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: PH38, PH90
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 2
The aim of this unit is to provide a thorough examination of the functional organisation of the human body. The subject provides a useful frame of reference for students enrolled in courses such as biology, biochemistry, microbiology, molecular biology, nutrition and human movements. The subject is offered in conjunction with LSB358 that runs in first semester and as a prelude to the third level subjects: Advanced Physiology [LSB558] and Clinical Physiology [LSB658].
Courses: SC01, PU40, PU43, HM42, ED50
Prerequisites: LSB131 or LSB142 or 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. The unit aims to impart a working knowledge of basic techniques used in clinical histopathology and research histology laboratories and the techniques involved in the current practice of diagnostic cytology.
Courses: LS37
Prerequisites: LSB255, LSB365, PCB243
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, gene 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
See LSB370.
Courses: PU43
Credit points: 12 **Contact hours:** 4 per week

► LSB480 PROFESSIONAL PRACTICE
Introduces students to the workplace, which is 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 is an intermediate level unit that will complement and extend the knowledge and skills obtained in the core biotechnology units to provide a basis for those intending to undertake more advanced plant biotechnology units. This unit will integrate the fundamentals of plant molecular biology, plant biochemistry and plant cell culture to teach the molecular basis of plant development. Topics covered will include: basic plant molecular biology; the genetic basis of control of plant development; cell signalling in plants; model systems for studying gene function; plant genome maps; manipulation of plants *in vitro*; 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 catabolic and anabolic pathways for the major macromolecules in mammalian systems. Important aspects of non-mammalian metabolism are described. Advanced concepts in bioenergetics and thermodynamics are described in the context of cellular metabolism. Integration of metabolism including production of mixed conjugates of biological significance such as amino-sugars and lipopolysaccharides, and hormonal regulation of metabolism.
Courses: SC01 **Prerequisites:** LSB408
Credit points: 12 **Contact hours:** 5 per week

► LSB509 MEDICAL BIOTECHNOLOGY 1
Students undertaking Medical Biotechnology should have a thorough understanding of diagnostics and therapeutics in the commercial environment of biotechnology. The sister unit of LSB509 is LSB609 which presents the current strategies and approaches to therapeutic intervention in medicine. LSB509 aims to increase the student's understanding of DNA and protein-based diagnostics and their use in genetic or biochemical mapping and identification of target genes, disease risks and traits, infectious diseases, identity testing and other forms of investigative analyses.
Courses: LS50, SC01 **Prerequisites:** LSB468
Credit points: 12 **Contact hours:** 4 per week

► LSB525 CLINICAL BIOCHEMISTRY 1
This course of study (along with LSB625 Clinical Biochemistry 2) provides the graduating scientists with sufficient biochemical knowledge and laboratory experience to work effectively in both the smaller general-purpose laboratory performing a limited number of biochemical tests and the larger specialised laboratory performing in-depth studies of all aspects of clinical biochemistry.
Courses: LS37 **Prerequisites:** LSB425
Credit points: 12 **Contact hours:** 5 per week

► LSB527 BIOMEDICAL RESEARCH TECHNOLOGIES
This unit complements the study of nucleic acid based research and diagnostic technologies studied in LSB598, by providing an understanding of the methodology and application of those protein based technologies that are important in biomedical research and diagnostic investigations.
Courses: SC01 **Prerequisites:** LSB308
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: SC01 **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 cycles of a variety of pathogens, particularly viruses, and the mechanisms employed by a host to avoid infection.
Courses: LS37 **Prerequisites:** LSB430, LSB438
Credit points: 12 **Contact hours:** 5 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 isolation and cloning; strategies and procedures for cellular transformation and gene library construction; nucleic acid hybridisation techniques; and methods of screening for recombinant clones using radioactive and non-radioactive gene probes.
Courses: LS50, SC01 **Prerequisites:** LSB468
Credit points: 12 **Contact hours:** 5 per week

► LSB547 BACTERIAL PATHOGENESIS
Clinical bacteriology dealing with the characteristics, isolation and identification of bacteria implicated in human disease; the collection and examination of clinical specimens; the initial use of computerised databases in bacterial identification and antibiotic sensitivity tests on laboratory isolates; the interpretation and reporting of results.
Courses: SC01 **Prerequisites:** LSB428
Credit points: 12 **Contact hours:** 5.5 per week

► LSB555 HAEMATOLOGY 1
This unit introduces the discipline of haematology and the routine procedures performed in the haematology section of a pathology department, and introduces the concepts of anaemia and its investigation. This unit provides a detailed understanding of the common erythrocyte disorders. Diagnostic procedures, aetiology, pathophysiology, clinical manifestations and treatment of each disorder are included.
Courses: LS37
Prerequisites: LSB325, LSB365, LSB465
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 that introduces experimental design. Using an emphasis on current research developments, selected physiological areas including the cardiovascular and neurological systems, will be considered in depth to extend prior knowledge of physiology. The practical course introduces aspects essential for the correct design of scientific experiments.
Courses: SC01 **Prerequisites:** LSB358, LSB458
Credit points: 12 **Contact hours:** 5 per week

► LSB565 HISTOPATHOLOGY 2
Histopathology is an essential component of pathology and one of the major clinical disciplines in Medical Laboratory Science. Students are introduced to advanced techniques and methods of handling histopathological specimens. Students acquire sufficient scientific and technical expertise to enable them to carry out and to understand a range of techniques used routinely in clinical histopathology and histology research laboratories.
Courses: LS37
Prerequisites: LSB255, LSB365, LSB465
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 complimentary to biology, microbiology and molecular biology; analytical capabilities of electron beam instruments.
Courses: SC01
Credit points: 12 **Contact hours:** 5 per week

► LSB577 PLANT BIOTECHNOLOGY 1
The potential of plant biotechnology can only be recognised as a result of the significant advances being made in technologies enabling the genetic manipulation of plants. Familiarity with the strategies, techniques and breadth of applications is essential as a basis for anyone planning a career in plant biotechnology. In this unit, students will be presented with an integrated picture of the current technology and applications used for the genetic manipulation of plants (including advanced cell and tissue culture and transformation technologies). The unit is designed with a significant emphasis on achieving technical expertise and to provide a basis for the more advanced applications presented in Plant Biotechnology II.
Courses: LS50, LS70, SC01
Prerequisites: LSB468 **Corequisites:** LSB537
Credit points: 12 **Contact hours:** 4 per week

► LSB578 VIROLOGY
Lectures and practical classes designed to introduce students to the basic concepts of virology. A range of viruses and virus diseases are examined and topics include viral morphology and composition, taxonomy and classification, replication, purification, diagnosis and assay, transmission and control.
Courses: SC01 **Prerequisites:** LSB428
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 delivered in Molecular Biology, Genetic Engineering and Genomics, defining the special considerations that apply to different expression systems and the unique difficulties of scale-up procedures for commercial development.
Courses: LS50, SC01 **Prerequisites:** LSB468
Credit points: 12 **Contact hours:** 4 per week

► LSB607 PROTEIN PURIFICATION
Comprehensive lectures and project work designed to integrate a number of specialist biochemical procedures including centrifugation, liquid chromatography, electrophoresis and spectrophotometry. Students participate in group projects where they are required to design and execute their own experimental protocols for the purification and analysis of selected proteins.
Courses: SC01, LS70 **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: SC01 **Prerequisites:** LSB308
Credit points: 12 **Contact hours:** 5 per week

► LSB609 MEDICAL BIOTECHNOLOGY 2
Students undertaking Medical Biotechnology should have a thorough understanding of diagnostics and therapeutics in the commercial environment of biotechnology. 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 optimisation and to the development of novel therapeutic agents, such as genes for gene therapy, and proteins and peptides for immunotherapy.
Courses: LS50, SC01 **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 eukaryote organisms, marks the beginning of a major revolution in fundamental biology that will, ultimately, reach into all corners of human life. Students undertaking any careers associated with the biotechnology, whether it be scientific investigation or related to the business or legal aspects of biotechnology require an appreciation of the concepts of and approaches to the science and technology behind genome projects.
Courses: LS50, SC01 **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: LS37 **Prerequisites:** LSB525
Credit points: 12 **Contact hours:** 5 per week

► LSB628 FOOD MICROBIOLOGY
A unit that covers the most significant areas of food microbiology at an advanced level. Topics include aspects of microbial ecology of foods, microbial spoilage and preservation, microorganisms of public health significance, food fermentations, and the isolation and identification of microbes often present in foods. A professional attitude towards work in a microbiology laboratory and an awareness of the dangers of working with pathogenic cultures will be established.
Courses: SC01 **Prerequisites:** LSB428
Credit points: 12 **Contact hours:** 4 per week

► LSB635 DIAGNOSTIC MICROBIOLOGY 2
This is an advanced level unit in clinical microbiology expanding on themes and concepts presented in Diagnostic Microbiology 1 and discusses aspects of direct relevance to graduating students in this discipline. Diagnostic Microbiology 2 thus completes 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 micro-organisms involved in infectious disease processes and in the interpretation and intelligent discussion of results and laboratory report writing, compilation and critical discussion.
Courses: LS37 **Prerequisites:** LSB435, LSB535
Credit points: 12 **Contact hours:** 5 per week

► LSB637 MOLECULAR GENETICS
Advanced lectures, seminars, demonstrations and practical exercises dealing with specialist techniques used in molecular biology. Lecture topics include the polymerase chain reaction and associated technologies, molecular methods for the detection and typing of bacteria, the control of gene expression in eukaryotic cells, and specialised techniques such as nucleic acid sequencing and DNA footprinting.
Courses: LS70, LS80, SC01
Prerequisites: LSB537
Credit points: 12 **Contact hours:** 5 per week

► LSB647 CLINICAL MYCOLOGY AND PARASITOLOGY
A third year unit in microbiology with aspects of fungal taxonomy, classification of clinical mycoses, collection of material for fungal isolation and identification of superficial, subcutaneous, systemic and opportunistic mycoses. Parasitology will include a systematic study of identification, life history, incidence, modes of infection, epidemiology and control of parasite infections in humans.
Courses: SC01 **Prerequisites:** LSB428
Credit points: 12 **Contact hours:** 4 per week

► LSB648 MOLECULAR MICROBIOLOGY
A third year unit in microbiology with aspects of microbial pathogenesis which includes microbial interactions with higher organisms, biological, cellular and molecular basis of infectious disease, human host defences, virulence factors of micro-organisms. Molecular microbiological aspects include molecular phylogeny and taxonomy and methods for detection and typing of micro-organisms.
Courses: SC01 **Prerequisites:** LSB428
Credit points: 12 **Contact hours:** 4 per week

► LSB655 HAEMATOLOGY 2
This unit provides a detailed understanding of the common leucocyte and coagulation disorders investigated by the haematology laboratory and reinforces knowledge acquired in the previous haematology units. Diagnostic procedures, aetiology, pathophysiology, clinical manifestations and treatment of each disorder are included in the discussion of the disorders.
Courses: LS37 **Prerequisites:** LSB555
Credit points: 12 **Contact hours:** 5 per week

► LSB657 PERSPECTIVES IN LIFE SCIENCE
Positive and negative aspects of humanity's utilisation of resources (especially biological resources) are critically analysed. Topics include the history and philosophy of science, ethics in animal experimentation, ownership of valuable species, ownership and release of genetically-engineered organisms, and major current consequences of resource use: food production, health care, shelter, employment, pollution, loss of soil, loss of biodiversity. Students are encouraged to distinguish between scientifically established facts and current hypotheses concerning the futures of humanity and the biosphere, and to consider what strategies might permit truly sustainable use of biological resources.
Courses: ED50, SC01
Prerequisites: LSB118 or LSB122
Credit points: 12 **Contact hours:** 4 per week

► LSB658 CLINICAL PHYSIOLOGY
Students will explore the physiological basis, pathogenesis, clinical features and treatment rationale of the major disorders of the cardiovascular, respiratory, haematological, renal, gastrointestinal, nervous and endocrine systems. One of the objectives of the unit is to develop critical thinking and apply this to the discussion of pathophysiological cases.
Courses: SC01 **Prerequisites:** LSB358, LSB458
Credit points: 12 **Contact hours:** 5 per week

► LSB665 IMMUNOHAEMATOLOGY
This course is designed to provide students with an understanding of the antigens, immune mechanisms and clinical factors involved in blood transfusion and tissue transplantation.
Courses: LS37
Prerequisites: LSB438, LSB535, LSB555
Credit points: 12 **Contact hours:** 5 per week

► LSB677 PLANT BIOTECHNOLOGY 2
This unit will expand on topics introduced in earlier units and will address the more advanced and more specialised areas of plant molecular biology and biotechnology. The unit is designed to give students an insight into the scope and future potential of plant biotechnology and include topics such as: advanced applications of transgenic plants, functional genomics and gene discovery, specific genes and gene families, molecular markers and mapping, and gene silencing.
Courses: LS50, LS70, SC01
Prerequisites: LSB517
Credit points: 12 **Contact hours:** 4 per week

► LSB698 MOLECULAR PATHOGENESIS 2
Lectures, tutorials, workshops and practical classes dealing with the molecular aspects of pathogenesis and diagnosis of diseases. Topics to be discussed will include: microbial pathogenesis, pathogenesis of cancer, endocrine disorders and genetic therapies. The practical classes make use of current technologies and highlight their use in analysis and diagnosis.
Courses: SC01 **Prerequisites:** LSB598
Credit points: 12 **Contact hours:** 5 per week

► LSB709 BIOTECHNOLOGY RESEARCH PROJECT
Knowledge of the practical aspects of developing a project for research and development is a fundamental aspect of real-world biotechnology. This unit involves a small team research project based on the R&D proposal developed in LSB409 Readings in Biotechnology. The unit will guide student teams through the research process from the experimentation to the writing of an assessment of the project under the guidance of academic and industry mentors.
Courses: LS50
Credit points: 36 **Contact hours:** 4 per week

► LSB850 RESEARCH STRATEGIES
Seminars presented by staff of the School of Life Sciences and other research scientists on their area of expertise. A series of tutorials and lectures on such topics as library searches, oral communications, written communications and ethics. Two seminars are presented by the student covering the background literature relevant to the student's research project and the research findings.
Courses: SC60 **Credit points:** 12

► LSB851 READINGS IN LIFE SCIENCE 1
The preparation of a literature review of direct and associated relevance to the Honours research project under the guidance of the supervisor(s). Includes presentation of a grant proposal demonstrating a considerable knowledge, understanding and appreciation of the literature as well as a critical appraisal of future research requirements.
Courses: SC60 **Credit points:** 24

► LSB852 PROJECT
The preparation of a paper reporting the methods and results of investigations in the Honours research projects. The paper also includes an introduction, analysis and discussion of the project in a style and length deemed to be appropriate by the Unit Coordinator. Students should relate this project work to published work already undertaken in the field.
Courses: SC60 **Credit points:** 60

► LSN009 READINGS IN LIFE SCIENCE 4
A review of literature in an area determined in consultation with the supervisor. The area can be associated with the research project topic and can be broadly or narrowly focused but should not include any significant material covered in LSN013. The review should cover the background to the area as well as recent advances and identify deficiencies and possible future research directions. The review should be a critical analysis of the area. Reviews should normally be approximately 5,000 words.
Courses: SC80
Credit points: 12 **Contact hours:** 1 per week

► LSN011 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 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:** 6

► LSN013 READINGS IN LIFE SCIENCE 3
A comprehensive and critical review of the background and current literature directly related to the research project topic. The review should identify major and minor deficiencies in the research literature and identify possible directions for future research. The review should be approximately 10,000 words and at least one draft should be presented to the supervisor prior to final submission.
Courses: IF49, SC80 **Credit points:** 24

► LSN023 RESEARCH SEMINARS IN LIFE SCIENCE 3
A 60-minute public seminar to include a presentation and question period outlining the results of the postgraduate research program as well as possible future research directions in this area.
Courses: IF49, SC80 **Credit points:** 12

► LSN102 CELLULAR BASIS OF DISEASE
Cell injury and stress mechanisms. Cellular communication. The responses of organelles, cells and tissues to injury and stress including: immune, inflammation, thrombosis, ageing and neoplastic responses. Transplantation and regeneration.
Courses: LS70, LS80
Credit points: 12 **Contact hours:** 3 per week

► LSN159 ADVANCED PATHOLOGY
The fundamentals of anatomy, physiology and pathology; emphasis on applied cross-sectional anatomy and integration of knowledge of pathological processes.
Courses: PH80
Credit points: 12 **Contact hours:** 4 per week

► LSN160 EPIDEMIOLOGY FOR LIFE SCIENTISTS
This unit aims to enable students to acquire knowledge and develop critical thinking in epidemiological research. Topics covered include general principles of Epidemiology; rates and ratios, standardisation; types of studies; ethical issues in study design and conduct; statistics as related to epidemiology; criteria for causal relationship; principles of screening tests; epidemiology of infectious diseases. Information is presented in informal interlinked lectures and tutorials. Epidemiological exercises are discussed. Students develop skills in using statistical capabilities in Excel.
Courses: LS70, LS80
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1

► LSN710 PROJECT
A supervised project in an area selected by the student. The project area may be novel, developmental or directed at an investigation of the introduction of a new system into the laboratory. Other areas that are considered appropriate include epidemiological analyses, laboratory safety, laboratory design or the efficacy of labo-

ratory service. Each student submits a written project report in a style to present the data.
Courses: LS80 **Credit points:** 48

► LSN711 PROJECT 1
See LSN710.
Courses: LS80 **Credit points:** 24

► LSN712 PROJECT 2
See LSN710.
Courses: LS80 **Credit points:** 24

► LSP127 BUSINESS ASPECTS OF BIOTECHNOLOGY
Commercial perspectives of a biotechnology company; funding for commercial research; research patents and intellectual property; GMAC/recombinant DNA guidelines and regulations; overview of Australian biotechnology companies; site visits to one or two biotechnology companies.
Courses: LS70, LS80
Credit points: 12 **Contact hours:** 5 per week

► LSP130 DIAGNOSTIC TECHNOLOGIES
Methods for diagnosing both infectious and genetic diseases are an integral part of medical, veterinary and agricultural sciences. The rapid development of techniques in the area of molecular biology over the past 10 years in particular, has seen a rapid expansion of the types of techniques used for diagnosis of such diseases. Initially these advanced techniques were in the area of antibodies and antigens but the last 5 years has seen a rapid expansion in techniques based on nucleic acids. These newer technologies are revolutionising the approach to diagnosis of many diseases. QUT is well placed to introduce students to state-of-the-art diagnostic technologies, being the lead site for the CRC for Diagnostic technologies.
Courses: LS70, LS80
Credit points: 12 **Contact hours:** 4 per week

► LWB136 CONTRACTS A
Formation of contracts; equitable estoppel; privity of contract; formalities; express and implied terms. An examination of promises that are legally binding, how contractual promises may be characterised and the significance of that characterisation. Topics include formation of contracts; equitable estoppel; privity; formalities; terms.
Courses: LW33, LW42, LW65, LW70, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
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, agreement, frustration); remedies; vitiating factors (misrepresentation, mistake, undue influence, duress, unconscionable contracts, illegality. An examination of and how contractual promises may be discharged or invalidated. Topics include discharge; performance; agreement; frustration; remedies; vitiating factors (misrepresentation, mistake, undue influence, duress, unconscionable contracts, illegality).
Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Prerequisites: LWB136
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 understanding how the Australian legal system operates to compensate the physical and/or financial harm one person suffers as a result of another's wrongdoing. Almost all law schools and most professional admission authorities share this common view of the fundamental nature of this category of civil wrongs. Today the most significant area of the law of torts is that of negligence which is also the most commonly litigated tort action. Of particular importance is the large number of negligence actions that arise out of motor vehicle, work-related, and similar types of accidents. However, a knowledge and understanding of the tort of negligence can only occur in the context of the development of the earlier torts such as trespass to the person, land and personal property. In this unit the principles and rules of the law of torts relating to negligence and trespass actions are also examined to ascertain whether they achieve outcomes that are consistent with contemporary legal and social values.
Courses: LW33, LW42, LW65, LW70, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: LWB103, LWB133
Campus offered: GP **Semester offered:** 1, 2

► LWB139 SELECT ISSUES IN TORTS
The law of torts is of primary importance in understanding how the Australian legal system operates to compensate the physical and/or financial harm one person suffers as a result of another's wrongdoing. Almost all law schools and most professional admission authorities share this common view of the fundamental nature of this category of civil wrongs. In the unit Fundamentals of Torts the principles and rules relating to the torts of negligence and trespass were examined in the context of whether these torts achieve outcomes that are consistent with contemporary legal and social values. In this unit a wider range of torts and related issues are examined so that you may develop the knowledge, understanding and skills necessary to maintain in the future your abilities in this important are of legal practice.
Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Prerequisites: LWB138
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: LWB103, LWB133
Campus offered: GP **Semester offered:** 2, 3

► LWB141 LEGAL INSTITUTIONS AND METHOD
This unit aims to introduce students to the building blocks of law - fundamental principles, legal terminology, legal institutions, legal methodology, sources of the law, ways to interpret the law including an introduction to policy and international considerations. The material is presented as an integrated whole so that the students obtain a broad perspective and an ability to 'navigate the law' without artificially dividing any particular aspect. The unit also aims to emphasise the joint responsibility of the teacher and the student for learning and to foster the development of skills in communication, comprehension and analysis.
Courses: LW33, LW42, LW65, LW70, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: LWB101, LWB135
Campus offered: GP **Semester offered:** 1, 2

► LWB142 LAW, SOCIETY AND JUSTICE
This unit will examine the basic tenets of our democratic liberal legal system, particularly the central concept, the rule of law. The unit begins with an historical development of rights and the rule of law. It will look at how law and values intertwine and how society at a particular time shapes notions of legal personality, the recognition of 'family' and human rights in law. It will finally address the limitations of democratic liberalism and the rule of law by examining the reality of equality before the law in relation to such topics as gender and cultural neutrality, equal access to justice, and lawyers and the adversarial system.
Courses: LW33, LW42, LW65, LW70, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: LWB101, LWB131
Campus offered: GP **Semester offered:** 1

► LWB143 LEGAL RESEARCH AND WRITING
A 'learn by doing' unit in which students are introduced to the use of all common legal research tools, in both print and electronic form, as they research a legal problem from a totally unfamiliar area of law. Also introduces students to legal writing and citation style, with an emphasis on the use of plain English.
Courses: LW33, LW42, LW65, LW70, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Prerequisites: LWB141 **Corequisites:** LWB141
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 understanding of the global context in which Australia operates and the important impact of this context on Australian law and legal practice. The unit will introduce and explain the fundamental structures and principles of Comparative Law, Public International Law and Private International Law; and examine their relevance to contemporary legal practice in Australia..
Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
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 executive, the Parliament and the judiciary; the general principles to which legislative power is subject, and the principles by which executive decision-making is kept open and accountable.
Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
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 effected by the Commonwealth Constitution; the structure and institutions of the constitution; the division of power between Commonwealth and states; and relations between the different levels of government; emphasis to Commonwealth legislative powers, executive and judicial powers.
Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Prerequisites: LWB231 **Corequisites:** LWB231
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 institutions at the basis of contemporary Australian society. A sound knowledge of the general principles of property and real property law is essential for any lawyer. This unit, together with Real Property B, examines general principles concerning the nature of property and real property law. Topics covered include: the concept of property, land ownership in Australia, native title, ownership, possession and title, ownership rights, law and equity, land transactions, and the Torrens system.
Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Prerequisites: LWB143, LWB240 or equivalent
Corequisites: LWB240 or equivalent
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 general principles of real property law commenced in Real Property A. Topics include: co-ownership of land, leases, mortgages, easements, freehold covenants, and community titles schemes.
Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Prerequisites: LWB236
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 is of fundamental importance as it impinges upon almost every aspect of domestic, commercial, corporate and public activity in Queensland. The aim of this unit is to provide an overview of the aims and sources of Criminal Law in Queensland and develop an understanding of the onus of proof in criminal matters. Additionally the

unit explores the concept of fault elements, the criminal justice system and a selection of major offences while also developing advocacy skills.
Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: LWB202, LWB232
Campus offered: GP **Semester offered:** 1

► LWB239 CRIMINAL RESPONSIBILITY
The aim of this unit is to build upon the principles and skills explored in LWB238 by developing an understanding of the way criminal responsibility is imposed through the complicity provisions of the Criminal Code and the common law and how the major defences and excuses operate. The unit also examines the major sentencing principles applied in Queensland.
Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Prerequisites: LWB238
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 our legal system. A knowledge and understanding of the major principles of equity is necessary to an understanding of how the Australian legal system operates and it is therefore located early in the LLB degree. The aim of this unit is to provide a coherent knowledge and understanding of equitable principles within the context of the Australian legal system as well as developing skills relevant to ongoing learning and professional practice.
Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
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

► LWB302 FAMILY 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; 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

► LWB306 PLANNING LAW
The course deals primarily with the law relating to town planning and development assessment in Queensland and the policy considerations that have shaped the law. The statutory focus of the course will be on the Integrated Planning Act 1997 and planning documents made under this legislation. A range of topics will be covered including the integrated development assessment system, infrastructure, dispute resolution, compensation and existing use rights.
Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1

LWB307 INSOLVENCY LAW
Examines the insolvency of individuals and the Bankruptcy Act 1966 (Cwlth); winding up of companies, reconstructions and arrangements and voluntary administration as procedures other than winding up which may be open to an insolvent company; the law relating to receivership; and relevant provisions of the Corporations Law.
Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Credit points: 12 **Contact hours:** 2 per week
Campus offered: GP **Semester offered:** 1

► LWB308 INDUSTRIAL LAW
The employment relationship is one which effects us all, and in the light of recent legislative changes to industrial and employment law, will continue to have a profound effect on both our own lives and the lives of those with whom we come into professional contact. The study of Australian industrial law will draw on your knowledge of contract, tort and constitutional law and introduce the legislative and common law bases by which industrial relations are conducted in this country.
Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Credit points: 8 **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 Title Management Act 1997 and Land Sales Act 1984.
Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Prerequisites: LWB132 or equivalent; LWB233 or equivalent; and LWB234 OR LWB240 only
Credit points: 12 **Contact hours:** 3 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 Australian legislation such as the Queensland Anti-Discrimination Act; the Anti-Discrimination Commission and procedures.
Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
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 public authorities, systems of merits appeal and the law of standing in public interest litigation.
Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Prerequisites: LWB231 **Corequisites:** LWB231
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: LWB311
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: LWB233 or LWB236 only
Corequisites: LWB233 or LWB236 only
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: LWB303
Campus offered: GP **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 inform changes to law through legislative and judicial action. Understanding the major theoretical and philosophical approaches assists with the resolution of novel and difficult legal problems. The unit content imparts both knowledge based content and process based competencies that will result in independent learning outcomes. Topics covered include Natural Law, Positivism, Dworkin, Social, Economic and Historical theories of law, Legal Realism, Sociological theories of law, Critical Legal Studies, Post-modern Legal Thought, Feminist Theories of Law, Critical Race Theory, Postcolonial Legal Theory.
Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: LWB305
Campus offered: GP **Semester offered:** 1

► LWB334 CORPORATE LAW
The basic legal principles relating to registered companies; the principle of the veil of incorporation, internal functioning of a registered company including the operation of the constitution and replaceable rules; dealings with third parties; legal rules relating to share capital, dividends and loan capital; introduction to obligations of company officers and shareholder rights. Further specialised units such as Law of Corporate Governance will be offered for students who have completed Corporate Law and wish to concentrate some of their studies in the corporations and commercial area.
Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: LWB401
Campus offered: GP **Semester offered:** 2

► LWB353 SELECT ISSUES IN LAW & GOVERNMENT
Examines contemporary issues in public law and government in areas such as commercial government activity, privacy and whistleblower protection.
Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Prerequisites: LWB231, LWB331
Credit points: 8 **Contact hours:** 2 per week
Campus offered: GP **Semester offered:** 1

► LWB354 ADVANCED CIVIL PROCEDURE
This elective unit builds on Civil Procedure (LWB431) providing advanced litigation skills in select areas. Content includes caseflow management and court supervision, affidavits, limitation of actions, interrogatories, non-party disclosure, and conducting personal injuries litigation - Motor Accident Insurance Act, WorkCover Queensland Act.
Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Prerequisites: LWB431
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 the fundamental skills of a good advocate, namely analysis, preparation and performance. Students are required to participate in oral advocacy exercises and mock trials. Regular attendance is necessary for successful completion of this unit.
Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Prerequisites: LWB432

Credit points: 8 **Contact hours:** 2 per week
Campus offered: GP **Semester offered:** 2

► LWB359 ADVANCED TAXATION LAW
Examines the taxation of business entities. The taxation processes for partnerships, trusts and companies will be analysed together with the implications for the taxation of individuals involved with business entities. These individuals include partners, beneficiaries, trustees and company shareholders. This unit builds on the principles developed in Introduction to Taxation law in relation to taxation of individuals in that the concepts of income, deductions, residence and so on are discussed in the context of business entities. Tax planning issues involving entities will also be critically analysed and reflected on together with the effect of the general anti-avoidance provisions in the taxation legislation. The general operation of the Goods and Services Legislation and Fringe Benefits legislation is also examined.
Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Prerequisites: LWB364
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 2

► LWB361 DRAFTING
This skills unit uses an interactive practical approach in teaching students the rules in drafting private legal documents in plain English. The general rules are considered first and then applied in drafting documents and parts of documents from the areas of conveyancing contracts (residential and commercial land, and businesses), options, leases, mortgages, guarantees and trusts. Stamp duty is also dealt with because of the close relationship stamp duty has with documents of various kinds.
Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Prerequisites: LWB233 or equivalent
Credit points: 8 **Contact hours:** 2 per week
Campus offered: GP **Semester offered:** 2

► LWB363 INSURANCE LAW
Insurance is the payment of a premium by one to another to cover the risk that an unidentified event should occur, upon which a payment in the insured sum shall be made. The principles of insurance law are as relevant to the insurance of supertankers to cover the possibilities of an environmental catastrophe to the insurance of everyday household risks. This course prepares students to advise insureds' and insurers alike on issues such as whether a policy covers the event that has occurred and whether there are grounds upon which all or part of a claim may be refused. It considers also the manner in which the conduct of an insured may prejudice his or her right otherwise to payment under the policy and the circumstances in which an insured may upon payment of the claim stand in the shoes of the insured to recover from other parties responsible for causing the loss. In addition to principles of general insurance, the course also covers selected aspects of professional indemnity insurance, directors and officers insurance and a detailed study of the statutory framework in Queensland for compulsory third party motor vehicle insurance and workers compensation. Any one interested in litigation should study insurance law (indeed, well over half of litigation in Queensland involves acting for or against general or statutory insurers). Insurance law is otherwise relevant to most aspects of practice.
Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Prerequisites: LWB132 or equivalent
Credit points: 8 **Contact hours:** 2 per week
Campus offered: GP **Semester offered:** 2

► LWB364 INTRODUCTION TO TAXATION LAW
Examines the principles relating to the powers of the Australian government to impose income tax. This includes concepts of residence of individual tax payers for taxation purposes and source of income. Students will then consider the distinction between income and capital as this relates to the imposition of income tax and the concept of deductions as a means of reducing taxable income. Taxation of capital gains particularly as this relates to a taxpayer's main residence, deceased estates and general transfers of assets is discussed in detail. The other major topic is a critical analysis of the need for the general anti-tax avoidance provisions and how they apply.
Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1

► LWB366 LAW OF COMMERCIAL ENTITIES
The legal principles pertaining to a number of different structures found in commercial life. A brief consideration of corporations; more detailed examination of partnerships, unit trusts, joint ventures incorporated associations. A consideration is given to the definition of these structures, relationship with third parties, relationship of members inter se. This unit can be completed before or in conjunction with Corporate Law (LWB334).
Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 2

► LWB367 LAW OF CORPORATE GOVERNANCE
Successful completion of LWB334 Corporate Law, is an essential pre-requisite to undertaking this unit. This is a specialised unit providing an examination of the two organs that govern a company: the board of directors and the company in general meeting. The unit will examine in some detail particular aspects of the law applicable to these bodies, for example some of the duties affecting directors; topical issues such as directors interests in contracts; the role of waiver of breaches and improprieties; members rights and protection; relevant aspects of meeting law; an examination of the roles of the Australian Securities Commission and the Australian Stock Exchange; the roles of the Institutional Shareholder and/or Shareholder Associations.
Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Prerequisites: LWB334
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **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 them to equivalent developments and structures in the United States and Canada. Because a useful comparison requires sufficient knowledge of the Australian legal system (LWB235 Australian Federal Constitutional Law is a prerequisite), this elective should be undertaken late in the second year of the law degree or in later years.
Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Prerequisites: LWB235
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP
Semester offered: Not offered 2002

► LWB406 FUNDAMENTALS OF PUBLIC INTERNATIONAL LAW
The legal rules that govern the activities of nations and the regulation of the activities of nations by international organisations, such as the UN. The creation of international law and its sources: treaties, customary law, and general principles of law. The concept of international legal personality: statehood, self-determination, and recognition. The effects of international law: sovereignty, international responsibility. The law of armed conflict.
Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Credit points: 8 **Contact hours:** 2 per week
Campus offered: GP **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 having a foreign element; enforcement of foreign judgments in the domestic jurisdiction; choice of law for the resolution of the dispute, both generally and in relation to family law, contract, tort, property and succession. This unit assumes a basic knowledge of these areas of substantive law and therefore is best taken as a final year unit.
Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Prerequisites: LWB132 or equivalent; LWB133 or equivalent; LWB141; LWB144; and LWB233 or equivalent
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP
Semester offered: Not offered 2002

► LWB410 COMPETITION LAW
An overview of the anti-competitive practices which are proscribed by Part IV and Part XIB of the Trade Practices Act 1974 (Cwlth). It will also deal with the remedies available for contraventions of Part IV and the possibility of obtaining authorisation from the Australian Competition and Consumer Commission. The access provisions of Part III A and Part XIC will also be considered.
Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1

► LWB412 RESEARCH & WRITING PROJECT
A supervised piece of research on a legal topic, and the writing of a paper of approximately 6,500 words on that topic. A student wishing to undertake the Research and Writing Project should discuss the matter as early as possible in the semester immediately before that in which he or she proposes to undertake it, preferably with the proposed supervisor of the student's own choosing. The written proposal must be approved by the proposed supervisor and must reach the Unit Coordinator, presently Associate Professor Phillip Tahmindjis, at least two weeks before the beginning of the teaching semester in which the project is undertaken so that the student can be notified of the acceptance or refusal of the proposal not later than the first day of that semester. This project offers an ideal opportunity for students to prepare topics of academic or career-related interest, and to produce an item of writing which might assist in scholarship, postgraduate and career-related applications.
Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Prerequisites: students should be in their final 2 years of study
Credit points: 8 **Contact hours:** n/a
Campus offered: GP **Semester offered:** 1, 2

► LWB413 QUEENSLAND PARLIAMENTARY INTERNSHIP PROGRAM
This unit provides an opportunity for students to learn about the workings of the Queensland Parliament and undertake a piece of research of interest and use to a member or senior officer of Parliament. Places are limited and preference will be given to students with a good academic record. This unit is able to be undertaken in semester 2, and intending students should contact the Unit Coordinator in May of each year. Places are generally available only to students in their final year of study who have achieved a grade point average of at least 5.2 or have demonstrated other evidence of capacity for research and report writing.
Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Prerequisites: students should be in their final year of study
Credit points: 12 **Contact hours:** n/a
Campus offered: GP **Semester offered:** 2

► LWB418 COMPETITION MOOTS
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

moot as counsel, you may apply when applications are called for. Places are very limited, but if you are successful, you will be able to take your skills to the national and international arena, and experience mooting at the highest level. International and national moots require significant preparation and attention to detail, with a very high level of commitment, research, writing and discipline knowledge. Because of the timetabling of international moots throughout the year, you may be required to work on your competition moot from November to February. The number of competition moots offered will vary from year because of the high demand participation places on Law School resources.
Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Prerequisites: completion of all first and second year core law units plus participation in at least one Law School moot
Credit points: 12 **Contact hours:** as required
Campus offered: GP **Semester offered:** 1, 2

► LWB431 CIVIL PROCEDURE
This core unit focuses on developing basic litigation skills. The following issues are examined: the adversarial system and alternative methods of dispute resolution, obligations to the client, the structures and processes of litigation conducted in the Supreme, District and Magistrates Courts, jurisdiction, originating process, notice of intention to defend, parties, service, ending proceedings early, pleading, disclosure, subpoenas, trial, appeals, costs and enforcement.
Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: LWB404
Campus offered: GP **Semester offered:** 1

► LWB432 EVIDENCE
The law of Evidence concerns those rules and principles that govern the presentation and proof of facts and information in court proceedings, both civil and criminal. The unit covers both State and Federal jurisdictions.
Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: LWB402
Campus offered: GP **Semester offered:** 1, 2

► LWB433 PROFESSIONAL RESPONSIBILITY
The ethical principles upon which the practice of all professions is based; the principles which underpin the discipline of law and the workings of the legal profession; the history, nature, organisation and operation of the legal profession; including codes of conduct, trust accounts and professional legal ethics.
Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 2

► LWB434 ADVANCED RESEARCH AND LEGAL REASONING
Advanced skills of legal research, analysis, problem-solving, critical thinking, and writing for diverse purposes; topical developments in substantive areas of law.
Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Prerequisites: LWB143 or equivalent; LWB333
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: LWB415
Campus offered: GP **Semester offered:** 1

► LWB451 ALTERNATIVE DISPUTE RESOLUTION
An introduction to theories of conflict and conflict resolution; an examination and critique of the range of dispute resolution processes available outside of the adversarial system; critical reflection on the integration of alternative dispute resolution processes into the Australian legal system and basic skills training in communication, negotiation and mediation.
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

► LWB452 ASIAN LEGAL SYSTEMS
This unit introduces students to the legal systems of countries in North and South East Asia, and the social and political institutions that underpin those legal systems. Understanding, analysis and comparison between the various legal systems. It introduces students to the different legal cultures of the region, and study is structured to bring out the similarities as well as differences between the relevant legal systems. A broad approach is taken: students consider the systems' historical development, the cultural background of the society in which the law works, and the formal structures of government before examining whether there is a gap between 'law in books' and 'law in practice'. Among the countries studied are China, Japan, Taiwan, Indonesia, Malaysia and Singapore.
Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Credit points: 8 **Contact hours:** 2 per week
Campus offered: GP
Semester offered: Not offered 2002

► LWB454 BANKING AND FINANCE LAW
This unit deals with the principal areas of activity of banks and other financial institutions in commercial and consumer transactions. It covers the banker-customer relationship including the Banking Code of Practice, the principles governing the operation of and liability in relation to negotiable instruments, the liability of financial institutions with respect to misappropriated cheques, documentary credits, mareva and garnishee orders, credit and debit cards, and the Electronic Funds Transfer Code.
Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Prerequisites: LWB132 or equivalent, LWB332
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1

► LWB456 LEGAL CLINIC (ORGANISED PROGRAM)
Students are provided with the opportunity to see law in action through being involved in the delivery of legal services to members of the community under the umbrella of Legal Aid Queensland, the Prisoners Legal Service Inc or the Aboriginal and Torres Strait Islander Corporation (QEA) for Legal Services. Students work in their placement is supplemented with a weekly seminar program which deals with such topics as legal interviewing, family and criminal law practice, professionalism and legal writing. This unit has a quota limit.
Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Credit points: 12 **Contact hours:** 8 per week
Campus offered: GP **Semester offered:** 2

► LWB458 REGULATION OF COMMERCIAL TRANSACTIONS
An overview of the way the Trade Practices Act 1974, and equivalent State Fair Trading legislation regulate misleading conduct, unconscionable conduct, and other unfair practices in the context of common commercial transactions. The unit will also consider the provisions of the Australian Securities and Investment Act and the Financial Services Reform Act 2001, which regulate financial services. Finally, the unit will consider the way the Trade Practices Act regulates unsuitable and defective products released into the market place.
Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 2

► LWB461 PRIVATE LAW REMEDIES
Students develop an overall perspective on and deeper understanding of the subject of remedies. The unit is designed to give students a knowledge of the principles underlying the availability of various private law remedies, and to introduce students to an understanding of the circumstances that may give rise to a claim for restitution. It also develops a knowledge and understanding of the choice and range of private law remedies and defences and the capacity to make sound judgments in electing which remedies to pursue against a background of heterogenous fact situations.
Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Prerequisites: LWB132 or equivalent, LWB133 or equivalent, LWB234 or equivalent
Credit points: 8 **Contact hours:** 2 per week
Semester offered: Not offered 2002

► LWB480 MEDIA LAW
This unit examines the regulation and non-regulation of freedom of speech exercised by the media. In this regard various limitations imposed by the common law, statute and self-regulation will be examined, such as defamation, restrictions on reporting courts and politics, contempt, privacy and confidentiality.
Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Prerequisites: LWB133 or equivalent
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 2

► LWB482 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 and the internet, public and private security, privacy and censorship, internet civil and criminal liability, and risk management strategies.
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

► LWB483 MEDICO-LEGAL ISSUES
Considers the regulation of health care as well as the relationship between the individual and the health care provider in terms of consent to treatment; negligence; the impact of the criminal law: abortion, removal from life support systems; mental illness; medical records and evidence: ownership and confidentiality of records; the duty to treat; complaints against hospitals and health care workers.
Courses: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25
Prerequisites: LWB133 or equivalent
Credit points: 8 **Contact hours:** 2 per week
Campus offered: GP **Semester offered:** 1

► LWB485 ENVIRONMENTAL LAW
An introduction to environmental law in Queensland; the sources, nature and development of environmental law in Queensland; the concepts of environmental law (for example property, administrative control, law and policy, planning, management); access to the environment; planning to prevent environment degradation and pollution; protecting the environment; managing the environment; conservation; ecologically sustainable development; enforcement of environmental law; the role of the Commonwealth.
Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Credit points: 8 **Contact hours:** 2 per week
Campus offered: GP
Semester offered: Not offered 2002

► LWB486 INTELLECTUAL PROPERTY LAW
This elective unit provides an introduction to the most significant of the legislative enactments creating or protecting intellectual property in Australia, including those governing copyright, designs, patents and trade marks. It also considers the application of relevant common law, particularly confidential information and passing off.
Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Credit points: 8 **Contact hours:** 2 per week
Campus offered: GP
Semester offered: Not 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 charterparties 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 matters affecting the conduct of ships such as collisions, salvage, oil pollution and limitation of liability.
Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Prerequisites: LWB132 or equivalent; and LWB133 or equivalent
Credit points: 8 **Contact hours:** 2 per week
Campus offered: GP
Semester offered: Not offered 2002

► LWB492 SECURITIES
Examines security interests commonly taken by providers of credit when advancing money. One of the more common securities obtained by lenders in practice is a mortgage over real property. Given the practical importance of this as a form of security, the nature of a Torrens title mortgage, the rights of the mortgagor and enforcement options of the mortgagee are examined for the first half of the course. Other securities examined are guarantees, bills of sale over personal property and possessory liens. Because the Consumer Credit Code regulates most transactions involving the provision of consumer credit, the impact of this legislation on securities will also be examined. Various provisions of the Trade Practices Act 1974 as they affect the validity and operation of securities will also be considered.
Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Prerequisites: LWB233 or equivalent
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP
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 dispositions, and sentencing different classes of offenders, eg juveniles, dangerous offenders.
Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Prerequisites: LWB232 or equivalent; OR JSB022 or equivalent AND JSB024 or equivalent
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1

► LWN017 RESTITUTION 1
The law of restitution is concerned with those cases where a plaintiff obtains a money remedy and/or recovers property from a defendant who has been unjustly enriched by the receipt of money or other benefits at the expense of the plaintiff. The theoretical basis and scope of restitutionary claims and defences to them and their relationship with those claims founded on the traditional common law obligations, torts and contract and the law of property are considered.
Courses: LW51, LW60
Credit points: 12 **Contact hours:** 2 per week
Semester offered: Not offered 2002

► LWN018 CONTEMPORARY EQUITABLE DOCTRINES, PRINCIPLES & REMEDIES
Aspects of the principles of equity in the context of express, resulting and constructive trusts 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 resulting trusts are considered in relation to illegality and to determining the ownership of property. Various aspects of constructive trusts are also considered, including the nature of the constructive trust, the acquisition of property by a fiduciary, the acquisition of property on death, the acquisition of land under an oral agreement or trust, unconscionable conduct in the context of undue influence, unconscientious dealing, estoppel and in the context of determining the equitable ownership of property.
Courses: LW51, LW60
Credit points: 12 **Contact hours:** 2 per week
Semester offered: Not offered 2002

► LWN022 BANKING TRANSACTIONS LAW
Topics include: banking instruments including documentary and standby credits, performance bonds and bank guarantees; electronic banking; the role of bankers as financiers and specific financing methods such as bill line facilities and foreign currency loans; securities for finance including company securities; default and insolvency and its impact on bankers.
Courses: LW51, LW60
Credit points: 12 **Contact hours:** 2 per week

► LWN025 RESEARCH PROJECT 1A
A supervised research project of about 10,000 words over one semester approved by the Teaching, Learning and Curriculum Committee. Students should refer to the relevant course rules for the maximum credit point limit of Research Project units allowed to be undertaken as part of their course.
Courses: LW50, LW51, LW60
Credit points: 12

► LWN026 RESEARCH PROJECT 2A
A supervised research project of about 20,000 words over the whole year approved by the Research and Postgraduate Studies Committee. Students should refer to the relevant course rules for the maximum credit point limit of Research Project units allowed to be undertaken as part of their course.
Courses: LW50, LW51, LW60
Credit points: 24

► LWN029 THEORETICAL CRIMINOLOGY
Examines the development of criminological theory through the prism of governmentality. Attention is paid to the emergent contexts of criminological theories, and the contribution these have made to advancing our understanding of crime and its attempted management.
Courses: LW51, LW50, LW60
Credit points: 12 **Contact hours:** 2 per week
Campus offered: KG **Semester offered:** 1

► LWN030 DISPUTE RESOLUTION/MEDIATION
A study of dispute resolution processes and in particular, mediation, looking at both the theory and practice. Students are expected to be involved in a number of class workshops to learn mediation skills. Issues include: mediation in Australia; theories of mediation; different forms of mediation, ie. neighbourhood, family, commercial; the advantages and disadvantages of mediation; power imbalance; when mediation is not appropriate; ethical and professional issues relating to mediation.
Courses: LW50, LW51, LW60
Prerequisites: Nil
Credit points: 12 **Contact hours:** 26
Campus offered: GP
Semester offered: 3 (intensive)

► LWN032 CREDIT FOR UQ SUBJECT 1
Under the course rules, a coursework student may, with the prior approval in writing of the Deans of the Faculties of Law of QUT and of the University of Queensland, undertake any combination of whole year and one semester units offered in the LLM degree by Coursework at the University of Queensland which are equivalent to no more than 48 credit points. This unit code represents a one-semester unit taken pursuant to that course rule at the University of Queensland.
Courses: LW50, LW51, LW60
Credit points: 12

► LWN033 CREDIT FOR UQ SUBJECT 2
See LWN032.
Courses: LW50, LW51, LW60
Credit points: 12

► LWN034 CREDIT FOR UQ SUBJECT 3
See LWN032.
Courses: LW50, LW51, LW60
Credit points: 24

► LWN035 MEDICO-LEGAL ISSUES
The relationship between the individual and the health-care provider in terms of consent to treatment and negligence; organ and tissue donation; powers of attorney; the impact of the criminal law, abortion, removal from life support systems; medical records and expert evidence; ownership and confidentiality of records; the role of the coroner; complaints against health-care workers.
Courses: LW50, LW51, LW60
Credit points: 12 **Contact hours:** 26

► LWN036 SELECT ISSUES IN 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 engineering); the protection of facts and the Database proposals; collective administration of copyright, fair dealing, copyright protection of Indigenous art and culture, moral rights and performers' rights, contracting out and the future of copyright in the digital age; patent protection for computer programs; current issues in Trade Marks (including domain names and geographical indications). It will be expected that students have a sound understanding of the 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 criminality and an understanding of criminology as a discipline. In particular, the unit examines key and emerging debates within criminology and invites students to apply theoretical knowledge to contemporary, practical situations. Issues to be canvassed will include fear of crime, 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
Campus 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 contemporary Australian society. The unit provides a framework for evaluating the relative usefulness of various theories of justice in terms of their theoretical implications and practical applications. The unit focuses on the interface between justice postmodernism and the law.
Courses: LW51, LW50, LW60
Credit points: 12 **Contact hours:** 2 per week
Campus 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. Initially, the unit explores the development of emotional and moral reasoning as a backdrop to the larger analysis of various public policies. The unit provides the opportunity for students to carry out advanced research into various justice models and their implications/applications as well as produce a range of evaluative criteria against which to judge the degree of justice in relation to a particular social problem within the realm of legal and public policy.
Courses: LW51, LW50, LW60
Prerequisites: LWN040
Credit points: 12 **Contact hours:** 2 per week
Campus offered: GP **Semester offered:** 2

► LWN043 LAW OF COMPANY TAKEOVERS
Consideration of Chapter 6 of the Corporations Law that regulates acquisitions of shares affecting a change in a company's control. Both prac-

tical perspectives and conceptual analysis are emphasised.
Courses: LW51, LW60
Credit points: 12 **Contact hours:** 26
Campus offered: GP
Semester offered: Not offered 2002

► LWN045 LAW RELATING TO PUBLIC & OFFICIAL CORRUPTION
Concept of public duty; response of the general law; anti-corruption models; investigation and prosecution of official corruption from the perspective of the Criminal Law.
Courses: LW51, LW60
Credit points: 12 **Contact hours:** 2 per week
Semester offered: Not offered 2002

► LWN046 ADVANCED PLANNING LAW
A detailed study of town planning law with special emphasis on relevant Queensland legislation in particular the Integrated Planning Act 1997 and Regulations, and Legislation relevant to major/significant development projects.
Particular emphasis will be placed on the integrated development assessment system, both transitionally and under full IDAS. Topics considered will include: Ecological Sustainability; Development; Application Stage; Information and Referral Stage; Notification Stage; Decision Stage; Ministerial IDAS Powers; Appeal Process; Integration with the Environmental Protection Act 1994, the Building Act 1975, the Transport Infrastructure Act 1994, the Vegetation Management Act 1999, the Water Act 2000, and other legislation to be integrated into IPA.
Other matters that will be considered include: The implementation, structure and operation of transitional town planning schemes, Strategic Plans and policy documents. The role and jurisdiction of the Planning and Environment Court, its Rules of Court, rights of appeal, the power of costs and appeals to the Court of Appeal. The rights and obligations of submitters, submitter appeals and applicant appeals. Development Offences and Enforcement provisions. Imposition of town planning conditions and the conditions power. Infrastructure Charges and Infrastructure Agreements Uses and Rights. Transitional provisions. Compensation. Other legislation impacting on town planning and approval processes, in particular the State Development and Public Works Organisation Act 1971. Forms and procedure. Integrated Planning Act 1997 and the Integrated Planning Regulation 1998 generally.
Prior experience in town planning law is not a prerequisite.
Courses: LW50, LW51, LW60
Credit points: 12 **Contact hours:** 2 per week

► LWN047 LEGAL EDUCATION
This unit involves an introduction to the main schools of thought on legal education. A review of legal education from an historical and sociopolitical perspective together with consideration of the implications on legal education of schools of contemporary thought such as feminist legal theory will be made. The unit analyses the learning process considering student approaches to learning, adult learning theory and learning styles; and a variety of teaching styles/techniques and the appropriateness and effectiveness of each. Consideration will be given to the matching of learning styles with teaching methods and the validity and effectiveness of such an approach, together with the role and implementation of training needs analyses and goal setting. The elements of objectives and aims and how to set them with a view to designing a teaching / training program will be analysed. Consideration will be given to the means of evaluating teaching/training effectiveness and the needs of adult learners.
Courses: LW50, LW51, LW60
Credit points: 12 **Contact hours:** 26

► LWN048 ADVANCED LEGAL RESEARCH
The unit deals with the concepts, techniques, aims and methods of legal research and other research relevant to an interdisciplinary perspective. It includes extensive training in finding source material, the use of advanced technology in locating and organising source materials. The unit also deals at length with the presentation and defence of research including the respective roles of researcher and supervisor, structuring research material in support of a thesis, the diagnosis and remedy of structural problems. It deals with the conventions of presentation, assessment of research in terms of the differing criteria for refereeing and judging worth and quality and ethics of research. Different 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 anti-competitive 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 conveyancing and land transactions, financial services and advertising. Unconscionable conduct is also considered. The second part of the unit is concerned with statutory and common law actions available when loss or damage is suffered as a result of defective products. Remedies and defences are considered throughout the course.
Courses: LW50, LW51, LW60
Credit points: 12 **Contact hours:** 2 per week

► LWN053 RESEARCH PROJECT 1B
See LWN025.
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
Analysis of the principles and concepts of environmental law in Queensland; understanding of the law in Queensland for the protection and conservation of the environment; examination of the way in which the law accommodates private interests and the public interest. Included are pollution control, environmental impact assessment, environmental management, and conservation of the natural and cultural environments.
Courses: IF64, LW51, LW60
Credit points: 12 **Contact hours:** 2 per week
Campus offered: GP
Semester offered: Not offered 2002

► LWN061 NATURAL RESOURCES LAW
The principles and concepts of natural resources law in Queensland dealing with the ownership and control of natural resources, providing access to these resources, controlling the operational side of the development of these resources, and recognising commercial structures for achieving these operational objectives; an assessment of a number of developed and evolving mechanisms for achieving these objectives such as policy objectives, management plans, incentives and inducements, market instruments and property rights.
Courses: IF64, LW50, LW51, LW60
Credit points: 12 **Contact hours:** 2 per week
Incompatible with: LWN014, LWN027
Campus offered: GP **Semester offered:** 1

► 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
Campus 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
Campus offered: GP **Semester offered:** 2

► 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
Campus offered: GP
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

► LWN070 CREDIT FOR UQ SUBJECT 4
See LWN032.
Courses: LW50, LW51, LW60
Credit points: 12

► LWN071 CREDIT FOR UQ SUBJECT 5
See LWN032.
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 on international trade law addresses the legal problems that arise in the formation and operation of commercial transactions of an international nature. Its scope is largely confined to the sphere of private law. Topics covered include: the international trade law and environment; harmonisation and unification of law; international contracts (characteristics, comparative law, negotiating and drafting, choice of law); international sale of goods (trade terms, standard conditions, uniform law); carriage of goods by sea; payment in a documentary sale, and other financing mechanisms; marketing arrangements (agency, distributorship, subsidiary, joint venture).
Courses: LW50, LW51, LW60
Credit points: 12 **Contact hours:** 2 per week
Incompatible with: LWN023

► LWN076 INTERNATIONAL COMMERCIAL DISPUTES
This unit addresses legal issues regarding the resolution of commercial disputes in international trade. Mainly concerned with disputes in respect of international commercial relationships of a private law nature. Dispute resolution mechanisms (such as litigation, arbitration and alternative dispute resolution) are examined, and their effectiveness evaluated, in the light of the legal and practical realities in the international trade environment. Students are introduced to a range of commercial practices, national regulation, and international uniform rules, model laws and conventions.
Courses: LW51, LW60
Credit points: 12 **Contact hours:** 2 per week
Incompatible with: LWN023
Campus offered: GP
Semester offered: Not offered 2002

► LWN077 LITIGATION EVIDENCE
Focus is on topics of current interest or difficulty in evidence and advocacy in civil trials. Rules of admissibility in Queensland and federal courts are considered, as well as issues of trial and appellate advocacy. Participants will acquire an appreciation of the dynamics of the adversarial process, understanding of selected principles of admissibility and knowledge of key forensic skills such as examination and cross-examination of witnesses. This unit offers an opportunity for students to deepen and broaden their legal education in a way related directly to their professional needs.
Courses: LW51, LW60
Credit points: 12 **Contact hours:** 2 per week
Incompatible with: LWN052 pre-1995
Campus offered: GP
Semester offered: Not offered 2002

► LWN078 ADVANCED CRIMINAL EVIDENCE & PROCEDURE
Addresses selected topics in three core areas: (a) the rules of evidence and procedure in Queensland criminal courts as set out under the common law, the Evidence Act 1977 (Qld), the Criminal Code and related legislation; (b) the rules of evidence and procedure in criminal cases in the Federal Court as set out in the Evidence Act 1995 (Cwlth); and (c) the rules of evidence and procedure in the criminal courts of New South Wales as set out in the Evidence Act 1995 (NSW). Topics in all areas consider both empirical rules and contemporary issues which present interest or difficulty. The unit also considers issues related to extradition, arrest, the function of the coroner, the committal process, bail and the role of the Queensland Criminal Justice Commission, and the Queensland Crime Commission.
Courses: LW51, LW60
Credit points: 12 **Contact hours:** 2 per week
Campus offered: GP
Semester offered: Not offered 2002

► LWN081 RESTITUTION II
Continues the examination of the theoretical basis of restitutionary claims and defences which were defined in LWN017 Restitution I. Students will comprehensively examine the substantive law relating to certain restitutionary claims and defences as well as considering the scope and operation of the law of restitution in contemporary Australia and its relationship with torts, contract, equity and property. Topics covered include: legal compulsion, necessity, illegality, subrogation, tracing and restitutionary proprietary claims, restitution for wrongs, defences, and conflict of laws.
Courses: LW51, LW60 **Prerequisites:** LWN017
Credit points: 12 **Contact hours:** 2 per week
Incompatible with: Students who have studied both LWN059 and LWN017 pre-1996 are precluded from undertaking this unit
Campus offered: GP
Semester offered: Not offered 2002

► LWN082 INTELLECTUAL PROPERTY: LITIGATION
Topics covered include: the role of intellectual property litigation in protection of intellectual property rights; the overlap between intellectual property rights and consumer protection; jurisdiction of the courts under the Copyright Act, the Patents Act, the Trade Marks Act, the Registered Designs Act, the Circuit Layouts Act and the Plant Varieties Act, and the general law; the role of international conventions and arrangements in intellectual property litigation; parties to intellectual property litigation; appeals from administrative officers under the various Acts and from single judges; the particular requirements of Order 58 of the Federal Court Rules as they apply to intellectual property litigation; groundless threats; pre-emptive remedies; interlocutory remedies and steps; limitation periods; the use of the petty patent system and opposition proceedings as a tactic in patent litigation; cross-claims; trials; final relief; exclusive rights vs. anti-competitive conduct.
Courses: LW51, LW60
Credit points: 12 **Contact hours:** 2 per week
Campus offered: GP
Semester offered: Not offered 2002

► LWN083 ESTATE PLANNING
This unit considers estate planning from three perspectives: estate growth/wealth creation, estate protection from exigencies such as death, disablement and bankruptcy and estate distribution, either inter vivos or on death. Strategies employed and issues to be considered within each of these elements will be covered and the inter-relationship between each element will also be highlighted.
Courses: LW50, LW51, LW60
Credit points: 12 **Contact hours:** 2 per week
Campus offered: GP **Semester offered:** 2

► LWN084 INTERNATIONAL MARINE POLLUTION LAW
The protection and preservation of the marine environment has developed into an important aspect of marine law. International conventions and agreements, combined with Commonwealth, state and territory legislation has resulted in a complex matrix of laws and practice. The focus of this unit will be an overview of the international regulation of marine pollution, Australia's response to that regulation, and case studies of current issues, with particular reference to the South Pacific region.
Courses: LW51, LW60
Credit points: 12 **Contact hours:** 2 per week
Campus offered: GP
Semester offered: Not offered 2002

► LWN085 INTERNATIONAL LAW OF THE SEA
International law of the sea has always been of importance to island nations such as Australia, but a consideration of this area of the law is of increased relevance since the adoption by Australia of the United Nations Convention on the Law of the Sea 1982 (UNCLOS). UNCLOS gives to Australia additional maritime jurisdiction that has implications for Australia's legal, economic, and political relationships with its near neighbours. The focus of this unit will be the development of the law of the sea, Australia's response to that development, and case-studies of current issues, with particular reference to the South-East Asian and Pacific Ocean areas.
Courses: LW51, LW60
Credit points: 12 **Contact hours:** 26
Campus offered: GP
Semester offered: Not offered 2002

► LWN087 CONTEMPORARY ISSUES IN TORTS
Advanced level study of contemporary issues in torts enables a detailed consideration of selected matters at a time of change in this area of the law. The practical, theoretical and comparative analysis of the selected issues will extend understanding of this fundamental and significant part of general legal practice.
Courses: LW51, LW60
Credit points: 12 **Contact hours:** 26
Campus offered: GP
Semester offered: Not offered 2002

► LWN088 GOVERNMENT LAW, POLICY & PRACTICE
Examines key aspects of the law and policy-making process surrounding the development of legislation and the operation of government, especially in Queensland and Australia. Topics covered include: the internationalisation of Australian law and policy making, civil and criminal liability of the crown and crown employees, scrutiny of legislation (including Queensland's 'fundamental legislative principles'), grounds for challenging legislation, crown immunity, government contract-making, native title law and practice for the public and private sectors, legal issues in government accountability, the role and function of key bodies in the executive and legislative arms of government, the governmental policy making process and governmental trade practices liability; and competition policy reform.
Courses: LW51, LW60
Credit points: 12 **Contact hours:** 2 per week
Campus offered: GP
Semester offered: Not offered 2002

► LWN089 CURRENT LEGAL PROBLEMS AFFECTING SPORTS
Sport and the law is a growing area of legal practice. The inter-relationship of the sporting culture, commercialised activities and a wide range of relevant legal areas provides a unique mix for the study of many overlapping areas of law and social policy. Topics covered include: liability of sports organisations and participants for injury or damage; legislative and common law intrusion onto the sporting field; construction, operation and maintenance of sports facilities; the right to control and sanction sport participants; sports medicine legal issues (including drugs in sport); securing sponsorship and endorsement rights; sports marketing and the exploitation of the intellectual and personal property of teams and athletes; industrial relations and sport; broadcasting of sporting events; sports business and trade practices.
Courses: LW51, LW60
Credit points: 12 **Contact hours:** 2 per week
Campus offered: GP
Semester offered: Not offered 2002

► LWN093 BORROWERS AND SECURED LENDERS - SELECT ISSUES
Considers topical issues in the area of secured lending both from the perspective of the borrower and the lender. Seminars will focus on issues arising from the execution of typical securities such as real property mortgages and guarantees, both personal and corporate, together with remedies of secured lenders and possible defences of borrowers. The focus of this unit is on current issues reflecting developments in statutory and case law in Australia impacting on

borrower's rights and the practices and procedures of secured lenders.
Courses: LW51, LW60
Credit points: 12 **Contact hours:** 2 per week
Campus offered: GP **Semester offered:** 1

► LWN094 ENERGY LAW
Natural resources law and its related subject environmental law have become significant areas of professional legal practice over the last decade or so. One of the particular areas of natural resources law for these purposes is energy law. Energy law is the law relating to the ownership, use, development and control of those natural resources 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; private sector structures for developing sources of energy; the relevant sources of energy include coal, liquid hydrocarbons, gaseous hydrocarbons, 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

► 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 the public and private sectors. This course covers theoretical and practical dimensions of the topic of native title, including: international dimensions, comparative perspectives, elements of native title and its federal and state regulation; implications for stakeholders in the public and private sectors; policy issues; and practical steps for advisers.
Courses: LW51, LW60
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, control of fundraising, disclosure relating to trading of securities, and the remedies provided in relation to failures to comply with the legislation 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 commercial interest relevant to corporate insolvency. It concentrates on advanced areas pertinent to liquidation, receivers and other controllers, and voluntary administration in Australia. In particular, seminars will focus on issues likely to arise in practice, including problems associated with statutory demands, termination of deeds of arrangement, and insurer funding of litigation.
Courses: LW51, LW50, LW60
Credit points: 12 **Contact hours:** 2 per week
Campus offered: GP **Semester offered:** 2

► LWN099 INTELLECTUAL PROPERTY LAW
A study of the concept of Intellectual Property and the principles and policies of intellectual property law primarily 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 Coursework who have obtained 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: LW51, LW60 **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 corporatisation, out sourcing 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 the 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 disclosure, misrepresentation, mistake, unconscionable conduct, undue influence, s.51AB Trade Practices Act (Cwlth), s.70 Consumer Code; obligations of solicitor; liability, including principle of co-extensiveness and rules of construction; discharge of guarantee, including discharge by the determination of the principal transaction and discharge by reason of the creditor's conduct; 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 is the body of law applied to resolve legal problems of a private law nature that have a significant foreign element. There is a growing demand for the application of this area of the law as 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 LWN076 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 are assuming an increasing importance and significance in all areas of law, policy and practice, as recent decisions of the High Court of Australia indicate. It 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 Australian legislation; and (iii) under international law. In addition to the relationship between these three arenas, this unit will also cover the nature of human rights, the 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 tourist development of this State and liquor regulation 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; creation and operation of a website; introduction to electronic commerce: digital and electronic signatures; digital and electronic cash: electronic banking; buying and selling online: a case study taxation 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

► LWN119 EMPLOYMENT LAW
Employment law is a foundation unit that allows students to survey at an advanced level the sources, components and relationships of employment law in Australia. Successful completion of this unit will provide students with the necessary background to continue on to undertake further advanced courses in more specialised areas of labour law, including public sector employment law and the law of trade unions.
Courses: LW50, LW51, LW60
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 upon media institutions represented by 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:** 2 per week
Campus offered: GP
Semester offered: Semester 2

► LWN122 COMMERCIAL LEASES
The principles governing standard clauses of a modern Australian commercial lease in the light of recent case law and Queensland statutory provisions affecting such interests. Topics include: negotiation of leases, covenants for repair, user, assignment, quiet possession, options to renew and purchase, the phenomenon of default, remedies of lessor and lessee including those under

the Trade Practices Act 1974, and retail shop leases in Queensland generally.
Courses: LW50, LW51, LW60
Credit points: 12 **Contact hours:** 2 per week

► LWN123 CORPORATE GOVERNANCE: DIRECTOR'S DUTIES, MEMBERS' RIGHTS AND 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 faster good corporate governance. Particular recent developments in corporate governance will be addressed.
Courses: LW51, LW60
Credit points: 12 **Contact hours:** 2 per week
Campus offered: GP
Semester offered: Not offered 2002

► LWN124 CONTEMPORARY FAMILY ISSUES
This unit will examine a number of complex issues that can and do confront families from time to time. The first part of the unit examines those legal principles concerned with the break down of de facto relationships and the distribution of property between partners. The laws on issues such as surrogacy arrangements, access to reproductive technology, abortion, adoption and enduring powers of attorney will be considered as well as the law relating to Australia's international obligations and the various ethical and social perspectives which impact on these issues. The criminal and quasi-criminal law also impact on aspects of family dynamics and, in this context, issues of domestic violence and stalking will be examined. This unit facilitates a detailed consideration of these matters by practitioners wishing to expand their existing knowledge of the areas covered, as well as others wishing to consider the impact of these issues in and on society.
Courses: LW51, LW60
Credit points: 12 **Contact hours:** 26
Incompatible with: LWN003
Campus offered: GP
Semester offered: Not offered 2002

► LWN125 ELECTRONIC COMMERCE LAW
This unit will consider the following topics: introduction to electronic commerce; contractual issues; electronic signatures; electronic monies; certification authorities; cyberbanking; payment mechanisms; taxation; and other legal issues in relation to legal requirements for information, including electronic information, time and place of dispatch and receipt of electronic communications and other issues.
Courses: LW50, LW51, LW60
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 course is concerned with an analysis of the provisions of the Uniform Civil Procedure Rules and the Civil Justice Reform Act 1998 together with other relevant Commonwealth and State legislation governing costs.
Courses: LW50, LW51, LW60
Credit points: 12 **Contact hours:** 2 per week

► LWN127 ADVANCED INSURANCE LAW 1
The unit will cover the nature and definition of insurance, utmost good faith, formation of contract, proposals, etc; scope of Insurance Contracts Act 1984 (Cwlth), non-disclosure and misrepresentation, brokers and agents; Insurance (Agents and Brokers) Act 1984 (Cwlth), or Financial Services Reform Act 2001 (Cwlth) if appropriate, third parties' rights and obligations; Section 54 Insurance Contracts Act.
Courses: LW50, LW51, LW60
Credit points: 12 **Contact hours:** 2 per week

► LWN128 ADVANCED INSURANCE LAW 2
This unit will focus on selected topics on insurance law that pre-suppose a knowledge of insurance law contained in LWN127 Advanced Insurance Law 1. For example, contractual terms and their interpretation, double insurance and contribution, subrogation, claims, indemnity and reinstatement, waiver and estoppel, motor vehicle compulsory third party insurance.
Courses: LW50, LW51, LW60
Prerequisites: LWN127
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 including the roles that each party plays within the system (including victims); judicial discretion and sentencing, including recent trends to curb discretion; the role of public opinion and the media, and restorative justice.
Courses: LW50, LW51, LW60
Credit points: 12 **Contact hours:** 26

► LWN131 QUEENSLAND STATE LANDS: LAW AND PRACTICE
As the unit examines a unique system of land tenures and dealings which is not studied in any great depth at undergraduate level, the focus of the unit will be on-
the current legislative scheme and current policies relating to non-freehold land in Queensland; contemporary issues within the context of the prevailing legislative and policy frameworks; and the development of generic skills including research skills and critical evaluation skills that may be applied in other areas of study.
Courses: LW50, 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; Administrative Law; 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 preconditions to the maintenance of such an action. However practical issues encountered in representative action litigation such as pleading, opt-out, costs and notification procedures and the conduct of a representative action are also examined. The unit also deals with the interface between the traditional rules as to compromise and security for costs and the special rules that apply to representative actions. Finally recent developments and law reform proposals concerning group litigation in Australia are considered.
Courses: LW50, LW51, LW60
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 knowledge have been described as an international voyage of scientific discovery. The scientific findings are prompting major rethinking of concepts of law and justice. The legal community faces a perpetual challenge in keeping pace of the revolution in genetics. This unit looks at some legal implications of this revolution and charts the major responses of our legal system to modern genetics and biotechnology. The rationale 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. Correspondingly, scientists of the next century will feel the impact of the law across their discoveries. All justice related professionals will benefit from 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 change. A range of theoretical perspectives will be examined in probing the scholarship: the Rule of Law; universalism in modern legal principles; jurisprudential responses to cultural pluralism; legal responses to globalisation; 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 number of national jurisdictions approach the conservation of their cultural heritage. These may include the USA, UK., European Union, South Africa, China, New Zealand and Australia. 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 implication of state and federal legislation and international obligations; detailed consideration of the Commonwealth private sector regime; consideration of the impact of privacy law on specific fields of practice such as health, employment, not-for-profit and banking/finance/insurance; issues relating to the internet; compliance and code development; international regimes.
Courses: LW51, LW60
Credit points: 12 **Contact hours:** Intensive
Campus offered: GP **Semester offered:** 1

► LWR003 THESIS
A dissertation undertaken by students enrolled in LW50 Doctor of Juridical Science. The dissertation should make a notable contribution to professional knowledge and practice, which may be in the form of new knowledge or significant original adaptation, application and interpretation of existing knowledge and practice.
Courses: LW50 **Credit points:** 24

► LWS001 MEDICINE & THE LAW

The impact of some important fields of law upon the medical profession and upon hospital staff, patients and visitors. Introduction to law and the legal system. The Federal and State systems; general principles of the law of tort; principles of negligence; liability of hospitals; issues of consent; legal aspects of medical practice; medico-legal investigations; abortion law; euthanasia and transplantation issues.
Courses: PU40
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG

► LWS006 HEALTH, ETHICS & THE LAW
The legal issues associated with the matter of public health and an appreciation of the legal and ethical implications of the work done by health care professionals in this area. Topics include: introduction to the Australian legal system; tort law and its impact on the public health system; workplace health and safety legislation; medical records and confidentiality; criminal law and the health care profession; transplantation of organs and tissues; complaints against hospitals and health care professionals.
Courses: HL88, NS64, PU65, PU69
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 issues (for e.g. Napster, domain name litigation, piracy, cookies, CrimeNet); copyright; patents; trade marks; circuit layouts; 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 security (confidentiality, digital signatures, 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: IT21, IT35, IT38, IT40, IT45,
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 2

► MAB100 MATHEMATICAL SCIENCES 1A
Functions: polynomial, trigonometric and exponential functions; properties and graphs. Differentiation and integration: Derivatives and integrals for common functions and rules for differentiation and integration of composite functions; integration techniques such as substitution, parts and partial fractions; modelling and solution of problems. Vectors and matrices: vectors interpreted as geometric relationships in space, matrices as representations of linear systems; aspects of vector algebra and unique, non-unique and non-existent solutions to systems of simultaneous equations. Complex numbers: Argand diagrams, complex arithmetic, solution of equations.
Courses: BS56, CE33, ED50, IF21, IF29, IF39, IF58, IF60, IF61, IF71, IF73, IF79, IF83, IF84, IF86, IT21, PS47, PS48, SC01, SC51
Prerequisites: A grade of at least Sound Achievement in Senior Mathematics B (or equivalent) or MAB105
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: A grade of High Achievement in Senior Mathematics C (or equivalent)
Campus offered: GP **Semester offered:** 1, 2

► MAB101 STATISTICAL DATA ANALYSIS 1
Collection and representation of data; explaining data with models; the normal (Gaussian) distribution; sampling distributions, properties of sample mean and sample variance; hypothesis testing re population mean, mean difference and variances, tests of independence; analysis of variance (ANOVA); aspects of design of experiments; modelling relationships between measurements using regression; extensions of regression; analysis of covariance; confidence intervals; estimating and tests of hypotheses about proportions and probabilities.
Courses: ED50, IF21, IF29, IF39, IF58, IF60, IF61, IF71, IF73, IF79, IF83, IF84, IF86, IF87, IT21, SC01, SC51
Prerequisites: A grade of Sound Achievement in Senior Mathematics B (or equivalent) or MAB105
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: EFB101, MAB136, MAB137, MAB138, MAB893
Campus offered: GP, CA
Semester offered: 1, 2, 3

► MAB105 PREPARATORY MATHEMATICS
This unit is a substitute for Senior Mathematics B for those students who need the equivalent background for the successful study of units that assume it. Basic number facts, natural numbers, integers, rational numbers, real numbers and their operations; basic algebra; functions and equations, graphs, linear functions, equations and applications; systems of linear equations; quadratic, exponential, logarithmic and trigonometric functions, properties and applications; introduction to calculus: rates of change, derivatives, rules of differentiation, second derivatives, maxima and minima and applications; integration and applications.
Courses: ME36, SC01, any other appropriate course
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: A grade of High Achievement in Senior Mathematics B
Campus offered: GP, CA
Semester offered: 1, 2, 3

► MAB107 INTRODUCTORY MATHEMATICS AND STATISTICS
Mathematics: introduction to the number system; algebraic operations. Properties of functions: representation by graphs; linear functions including simultaneous solution and applications; quadratic functions with applications; exponential and logarithmic functions with applications. Elementary trigonometric ratios with applications. Introduction to mathematics of finance. Statistics: exploration of data sets by graphical methods and descriptive statistics. Introduction to the concepts of statistical variation, samples, probability distributions and random variables. Discrete and continuous variables; types of distributions, particularly the Normal (Gaussian) distribution. Introduction to interval estimation (confidence intervals) and the basic concepts underlying statistical tests of hypotheses; applying these concepts to the specific cases of tests for association, interval estimates and 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 prior unit in statistics or data analysis, a grade of Sound Achievement or higher in Senior Mathematics C (or equivalent)
Campus offered: GP **Semester offered:** 2

► MAB111 MATHEMATICAL SCIENCES 1B
Limits and continuity. Introduction to sequences and infinite series; divergence test; comparison test and ratio test. Product, quotient and chain rules for derivatives. Special techniques - parametric, implicit and logarithmic differentiation; inverses and their derivatives. Applications of differentiation to curve sketching. Rolles theorem, mean value theorem. Hyperbolic and trigonometric functions including inverses. L'Hopitals rule. Functions of more than one variable, partial derivatives, differentials and applications. Taylor series. Riemann sums. Fundamental theorems of integral calculus. Solids of revolution; applications.
Courses: BS56, ED50, IF21, IF39, IF58, IF60, IF61, IF71, IF73, IF79, IF83, IF84, IF86, SC01, SC51
Prerequisites: A grade of Sound Achievement in Senior Mathematics C (or equivalent) or MAB100
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, co-ordinate systems; introduction to abstract algebraic systems; complex numbers; first and second order differential equations.
Courses: BS56, ED50, IF21, IF39, IF58, IF60, IF71, IF83, IF84, IF86, SC01, SC51
Prerequisites: A grade of 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, 2

► MAB131 ENGINEERING MATHEMATICS 1A
Sine and cosine functions, logarithmic functions, exponential functions; revision of complex numbers; determinants; vector algebra in 2 and 3 dimensions; derivatives and their applications: differentiation, chain rule, higher derivatives, integrals and their applications.
Courses: CE44, CE45, EE41, EE42, 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; relative velocity; vector algebra: equivalent systems of forces; functions of several variables: partial derivatives; hyperbolic functions; inverse functions: inverse trigonometric and hyperbolic functions; partial derivatives; numerical methods; differential equations; multiple integrals: areas and volumes. Laplace transforms. Fourier series.
Courses: CE33, CE44, CE45, EE41, EE42, EE46, EE47, EE48, IF28, IF29, IF59, IF61, ME36, ME40, ME41, ME42, ME43, ME48, SC01
Prerequisites: MAB131 or MAB180
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: MAB188
Campus offered: GP **Semester offered:** 1, 2, 3

► MAB133 ENGINEERING MATHEMATICS 2
Polynomial approximations, divided differences and Newton's formula for polynomial approximation. Interpolation by cubic splines. Convergence of infinite power series. The use of Fourier series and harmonic analysis. Quadrature methods. Laplace transform methods for differential equations. Numerical solution of differential equations. Direct and indirect methods of solution of large scale systems of linear equations. Determination of eigenvalues and eigenvectors of large-scale linear systems (power method, inverse iteration and acceleration of convergence techniques).
Courses: ME41, ME42, ME48
Prerequisites: MAB132
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: MAB487, MAB488
Campus offered: GP **Semester offered:** 1

► MAB134 ELECTRICAL ENGINEERING MATHEMATICS 3
Mathematics: Laplace transform; Fourier series and transforms; vector operators grad, div and curl expressed in spherical polar and Cartesian coordinates; line, surface and volume integrals of electric fields; divergence theorem and Stoke's theorem; field equations. Introduction to probability and distributional modelling: conditional probability; discrete and continuous random variables; Bernouilli, binomial and Poisson processes; introduction to queues and teletraffic;

estimating probabilities. Electromagnetic theory: flux density, electromagnetic induction; magnetic circuits, force and field strength; magnetic hysteresis, magnetic fields around conductors; electric fields, Coulomb's Law; voltage, energy stored in an electric field.
Courses: EE41, EE42, EE47, EE48, IF28, IF29, IF59, IF61, ME40, SC01
Prerequisites: MAB132
Corequisites: PCB136 or first level Physics unit
Credit points: 12 **Contact hours:** 4 per week
Campus offered: GP **Semester offered:** 1

► MAB135 ELECTRICAL ENGINEERING MATHEMATICS 4
Statistics and data analysis: presenting data, use of a statistical package; normal variation and relationships between variables; confidence intervals; hypothesis testing; regression; design of experiments; introduction to reliability. Mathematics: the simultaneous partial differential equations of Maxwell; solution in terms of Hertz vectors; the three dimensional wave equation; separation of variables leading to plane and spherical wave solution. Poynting's theorem and vector. Simple loci and regions in the complex plane. Functions of a complex variable. Analytic functions; Cauchy-Riemann equations; Laplace equation, conjugate harmonic functions. Complex mapping; impedance and admittance loci, basis for Smith Chart. Electrostatic problems treated by conformal mapping.
Courses: EE41, EE42, EE47, EE48, IF28, 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; hypothesis testing; fitting and investigating relationships; regression. Multivariate calculus: functions of several variables; definitions and uses, differentiation, multi-variable chain rule, application to error bounds. Plane Transformations: rotation, translation and scaling of the plane with application to cadastral surveying and mapping.
Courses: PS47, PS48
Prerequisites: MAB100
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 methods: function approximation; polynomial interpolation, cubic splines, power series. Numerical solution of ordinary differential equations. Linear systems.
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 SCIENCE
Linear, quadratic, power law and exponential processes; techniques of differentiation, integration and applications to health science modelling; matrices. Data situations and types of variables; summary statistics and data features; introduction to a statistical package. Modelling data: random variables and distributions; some special distributions; sampling and sample statistics. Estimation; confidence intervals. Hypothesis testing; tests for means and proportions; p-values; tests for variances; test of independence in contingency table; goodness-of-fit tests. Fitting and investigating relationships: regression; residual analysis and diagnostics; multiple regression and curve fitting. Design of experiments. Introduction to non-parametric procedures.
Courses: OP42
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 charts.
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: ITB106
Credit points: 12 **Contact hours:** 3 per week
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, IF28, 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; conditional probability; law of total probability; Bayes' theorem; Markov chains. Discrete and continuous random variables and their distributional models and parameters; uniform (rectangular), Bernouilli, binomial, Poisson processes, exponential; introduction to queues and teletraffic; introduction to bivariate models. Estimating probabilities; estimating conditional probabilities, including transition matrices; comparing models and data; estimating parameters of processes.
Courses: 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; random variables; special distributional models; Bernoulli process; Poisson process; exponential; introductory queuing processes; simulating processes; expected values and moments; distribution function; Q-Q plots; goodness-of-fit tests; measures of dependence; introductory bivariate and correlation properties; conditioning arguments; non-parametric tests; assumptions and results in linear regression model.
Courses: BS56, ED50, IF21, IF39, IF58, IF60, IF71, IF83, IF84, IF86, IT21, SC01, SC51
Prerequisites: A grade of Sound Achievement in Senior Mathematics B (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 in one variable; solution of systems of linear equations; interpolation; finite differences; numerical differentiation and integration; solution of first order linear differential equations.
Courses: ED50, IF21, IF39, IF58, IF60, IF71, IF83, IF84, IF86, SC01, SC51
Prerequisites: A grade of Sound Achievement in Senior Mathematics C (or equivalent) or MAB100
Corequisites: MAB111 or MAB131 or MAB180
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 theorems, line and surface integrals, divergence theorem, Stoke's theorem, applications.
Courses: ED50, IF21, IF39, IF42, IF44, IF50, IF58, IF60, IF71, IF83, IF84, IF86, SC01, SC51
Prerequisites: (MAB111, 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, 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 problems in compound interest; applications of annuities; valuation of securities; quantitative techniques in business and finance.
Courses: BS50, ED50, IF39, IF50, 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
Incompatible with: MAB173
Campus offered: GP **Semester offered:** 1

► MAB314 STATISTICAL MODELLING 2
Methods and models of stochastic and statistical processes with applications in engineering, information technology, finance, physical and life sciences; Markov chains; random walks; branching processes; queuing and other birth and death

processes; teletraffic; long-term process behaviour; stochastic vs. deterministic; process simulation; use of generating functions; bivariate and conditional distributions; transformations; beta, gamma distributions; probability transform and applications in simulations; order statistics, minimum, maximum, range.
Courses: ED50, EE44, EE45, EE48, IF21, IF28, IF39, IF50, IF58, IF59, IF60, IF71, IF83, IF84, IF86, IT21, ME40, SC01, SC51
Prerequisites: (MAB101, MAB210, MAB111, MAB112) or (MAB486, MAB893) or (MAB134, MAB135)
Credit points: 12 **Contact hours:** 4 per week
Campus offered: GP **Semester offered:** 1

► MAB315 OPERATIONS RESEARCH 2
General nature of operations research; formulating, solving and analysing linear programming models; transportation, transhipment and assignment models; 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, concepts and trends in supercomputing; Amdahl's law, speed-up and efficiency; an introduction to high level scientific development environments through the exploration of multidisciplinary case studies from science (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: IF58, IT21, SC01, SC51
Prerequisites: ITB410, MAB111, ITB848 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 MAB180, MAB132)
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: MAB133
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 experiments; ANOVA.
Courses: ED50, EE44, EE45, EE48, IF21, IF28, IF39, IF50, IF58, IF59, IF60, IF71, IF83, IF84, IF86, ME40, SC01, SC51
Prerequisites: (MAB101, MAB111, MAB210 and recommended MAB112) or MAB893 or MAB135 or MAB136 or MAB137 or MAB138
Credit points: 12 **Contact hours:** 4 per week
Campus offered: GP **Semester offered:** 2

► MAB420 COMPUTATIONAL MATHEMATICS 2
Direct methods for solving systems of linear equations; solution methods for special matrix systems; vector and matrix norms; iterative solution methods for large sparse matrix systems; approximating the eigenvalues and eigenvectors of a matrix.
Courses: IF21, IF39, IF50, IF58, IF60, IF71, IF83, IF84, IF86, SC01, SC51
Prerequisites: MAB220, MAB312
Credit points: 12 **Contact hours:** 4 per week
Campus offered: GP **Semester offered:** 2

► MAB422 MATHEMATICAL MODELLING
Models developed with the 'real world' description. These models are taken from the areas of cancer research, population growth and engineering. Emphasis is on mathematical modelling and not on the development of new mathematical content.
Courses: ED50, IF21, IF39, IF50, IF58, IF60, IF71, IF83, IF84, IF86, SC01, SC51
Prerequisites: (MAB111, MAB112) or (MAB131 or MAB180, MAB132)
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, interpolation, Delauney triangulation, iso-surfaces, volume visualisation, probing, slicing, streamlines, streaklines and texture mapping; visualisation of multi-dimensional data, and other data types such as finite element, vector, molecular and scatter data.
Courses: IF58, IT21, 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, line and surface integrals, divergence theorem, Stoke's 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
Prerequisites: MAB311
Credit points: 12 **Contact hours:** 4 per week
Campus offered: GP **Semester offered:** 1

► MAB522 COMPUTATIONAL MATHEMATICS 3
Topics from: Approximation of data and functions; advanced integration and interpolation methods: Gaussian quadrature, multiple integrals; numerical determination of eigenvalues and eigenvectors: power method, similarity transformations, QR algorithm; solution of systems of non-linear equations: Newton's method, Broyden method, steepest descent; optimisation: line searches, introduction to multivariable optimisation; advanced solution methods for systems of ordinary differential equations and boundary value problems: Runge-Kutta, predictor-corrector, shooting and finite difference methods.
Courses: IF21, IF39, IF44, IF50, IF58, IF60, IF71, SC01, SC51, SC60
Prerequisites: MAB420, MAB311
Credit points: 12 **Contact hours:** 4 per week
Campus offered: GP **Semester offered:** 1

► MAB523 INTRODUCTION TO QUALITY MANAGEMENT
Introduction to quality management principles and the quality improvement journey concept. Topics include quality assurance and the AS9000 series, TQM, quality costs, statistical process control, flow charts, cause and effect diagram, team decision techniques.
Courses: ED50, IF21, IF39, IF44, IF50, IF58, IF60, IF71, SC01, SC51
Prerequisites: MAB101, MAB210
Credit points: 12 **Contact hours:** 4 per week
Campus offered: GP **Semester offered:** 1

► MAB524 STATISTICAL INFERENCE
Methodology and theory of statistical inference; likelihood and its uses; large sample results; exponential family in inference; development of the general linear model as the unified framework for all regression; introduction to generalised linear models.
Courses: IF21, IF39, IF44, IF50, IF58, IF60, IF71, SC01, SC51, SC60
Prerequisites: MAB314, MAB414
Credit points: 12 **Contact hours:** 4 per week
Campus offered: GP **Semester offered:** 1

► MAB525 OPERATIONS RESEARCH 3A
Inventory theory: algorithms for linear programming; integer and mixed integer programming; travelling salesperson; vehicle routing problems; deterministic and stochastic dynamic programming.
Courses: IF39, IF50, IF58, IF60, IF71, IF83, IF84, IF86, SC01, SC51
Prerequisites: MAB315
Credit points: 12 **Contact hours:** 4 per week
Campus offered: GP **Semester offered:** 1

► MAB526 STATISTICAL SCIENCE 3
Fundamentals of time series analysis; time series models; non-stationary processes; seasonal ARIMA models; vector auto-regression; long-range dependence and fractional ARIMA models; co-integration of non-stationary processes.
Courses: IF21, IF39, IF44, IF49, IF50, IF58, IF60, IF71, SC01, SC51, SC60
Prerequisites: MAB314, MAB414
Corequisites: MAB524
Credit points: 12 **Contact hours:** 4 per week
Campus offered: GP

► 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, MAB413
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 communications, cryptology, data security and data networks. Modular arithmetic: property and rules, congruencies; pseudo-random number generators, countability and uncountability. Proof by mathematical induction, proof by contradiction. Isomorphisms and homomorphisms between groups and rings. Sets and relations: one-to-one and onto functions, logic, set operations, Boolean algebras, stream cyphers, linear feedback shift registers. Number theory issues: gcd, lcm and theorems involving these; fundamental theorem of arithmetic; arithmetic functions, primitive roots; Fermat's theorems, Euler's theorem; Pythagorean triples and extensions; block cyphers.
Courses: ED50, IF21, IF39, IF44, IF50, IF58, IF60, IF71, IT21, 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 financial transactions in money and capital markets - yield rates, horizon analysis, duration, convexity, effects of taxation; life annuities and life assurances - the life table, basic life table functions, life annuities and assurances, policy values, paid up policy values, changes to policies; use of life table to study stationary and stable populations, population projections; multiple decrement tables; superannuation.
Courses: IF39, IF50, IF58, IF60, IF71, 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 investigations: two and three-level factors, Taguchi's approach, fractions and blocking, response surfaces. General linear model. Regression graphics. Multi-stratum designs and analysis. Repeated measures designs and analysis. Linear-logistic and log-linear models. Use of statistical software.
Courses: IF21, IF39, IF44, IF50, IF58, IF60, IF71, SC01, SC51
Prerequisites: MAB414
Credit points: 12 **Contact hours:** 4 per week
Campus offered: GP **Semester offered:** 2

► MAB625 OPERATIONS RESEARCH 3B
Phases of an operations research study: decision analysis; queuing theory; simulation; implementation in operations research; non-linear programming; heuristic techniques.
Courses: IF39, IF50, IF58, IF60, 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 student is assisted to develop a suitable plan to manage the project using a Gantt chart or other flow or layout techniques. Students are expected to record progress and subsequently develop an accurate report and seminar presentation.
Courses: IF58, IF60, SC01, SC51
Prerequisites: MAB523
Corequisites: At least 36 credit points from 3rd level mathematical sciences units
Credit points: 24 **Incompatible with:** MAB960
Campus offered: GP **Semester offered:** 2

► MAB672 ADVANCED MATHEMATICAL MODELLING
Models will be developed beginning with the description of 'real-world' problems. Emphasis will be on the mathematical modelling and not on the development of new mathematical techniques. Mathematical Modelling: model formulation, dimensional analysis and re-scaling. Curves of pursuit, bungy jumping. Modelling with systems of ordinary differential equations: Phase plane methods for analysing systems of ODEs. Bacterial growth in a chemostat. Predator-Prey models with harvesting. Limit cycles, oscillations and excitable media. Modelling with partial differential equations: Motion of a continuum. Continuity. Traffic flow. Aggregation of slime mould amoebae. Momentum. Ideal gas dynamics. Quasi-linear PDEs.
Courses: IF21, IF39, IF44, IF50, IF58, IF60, IF86, SC01, SC51, SC60
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 **Campus offered:** GP

► MAB730 SURVEYING MATHEMATICS 2
Systems of linear equations, Gaussian elimination, matrix inversion, properties of inverses, partial pivoting, error propagation. Determinants, properties of determinants, rank. Compact (direct) and iterative (indirect) methods for solving linear systems. Eigenvalues of 2x2 and 3x3 matrices, diagonalisation, quadratic forms, conic sections. Lagrange interpolation, divided differences, least squares methods, two-dimensional interpolation methods. Fixed-point iteration, Newton's method and Quasi-Newton methods.
Courses: PS47, PS48 **Prerequisites:** MAB137
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: MAB496, MAB795
Campus offered: GP **Semester offered:** 2

► MAB761 ANALYSIS
Convergence in R; uniform convergence; Lebesgue integral; convergence theorems; Lp-spaces; metric spaces; completeness and compactness; contraction mappings; normed and Banach spaces; dual spaces; linear operators; Hilbert spaces; Hilbert-adjoint operator; linear operator equations; spectrum of a linear operator.
Courses: SC60, SC71, SC80, IF49
Prerequisites: MAB311
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 2

► MAB762 PERTURBATION METHODS AND FIELD THEORY
Electrostatics; steady current theory; magnetism; electrodynamics; perturbation expansions; asymptotic expansions; strained coordinates; matched asymptotic expansions.
Courses: SC60, SC71, SC80, IF49
Prerequisites: MAB413, MAB521 (Recommended: MAB613)
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1

► MAB763 FLUID AND SOLID DYNAMICS
Basic principles of mechanics of continua; equations of continuity, momentum balance and energy balance; Cauchy stress vector and tensor; strain and rate of strain; constitutive equations; linear elasticity; isotropy; Hooke's law; conduction and convection of heat in fluid flow in a pipe; fluid dynamics: scales, non-dimensional parameters, Coriolis force, governing equations; rotation effects: geostrophy, large-scale circulation; combined stratification and rotation effects; thermal wind adjustment, coastal upwelling; numerical solutions of a primitive ocean model; examples of applications.
Courses: SC60, SC71, SC80, IF49
Prerequisites: MAB521, MAB613
Credit points: 12 **Contact hours:** 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 considering 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 dispersion, Fisher's equation and biological waves, Turing mechanisms and the generation of spatial patterns.
Courses: IF49, SC60, SC71, SC80, IF49
Prerequisites: MAB613, MAB672
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1

► MAB765 INFERENCE AND APPLICATIONS
Likelihood-based statistical inference; frequentist and Bayesian inference; distribution theory in inferential contexts; resampling; simulation; Markov chain Monte Carlo; selection of generalised linear models and mixed models, bootstrap, Bayesian inference and financial modelling and risk.
Courses: SC60, SC71, SC80, IF49
Prerequisites: MAB524 (Recommended: MAB624)
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1

► MAB766 APPLIED TIME SERIES ANALYSIS
Spectral analysis of ARMA models; frequency estimation; fast algorithm for spectral analysis and frequency estimation; applications to speech and audio samples; non-linear spectral methods; non-linear time series models; chaos; tests for non-linearity; forecasting methods for non-linear models; non-parametric models; applications to business and financial time series.
Courses: SC60, SC71, SC80, IF49
Prerequisites: MAB526 (Recommended: MAB524)
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 2

► MAB767 APPLIED STATISTICS AND CONSULTING
Statistical consulting; professional and technical skills; multivariate analysis; sampling and surveys; 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 requirement planning, just-in-time production; production planning and scheduling, including static and dynamic methods, aggregate planning, LP/LDR/SDR techniques, heuristics; operations scheduling, including sequencing and balancing techniques, job shop scheduling, assembly line balancing; networks, including project management, network scheduling, resources allocation, NP-completeness.
Courses: 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
Stock market theory; basic option theory; Black-Scholes analysis; Brownian motion and martingales; Markov processes; Ito stochastic integrals and stochastic calculus; Black-Scholes market model; option valuation formula; numerical solution of market models.
Courses: SC60, SC71, SC80, IF49
Prerequisites: MAB413 (Recommended: MAB623)
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 2

► MAB770 INDUSTRIAL MATHEMATICS
Cusum techniques; decision interval schemes; exponentially weighted moving average control charts; 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:** 1

► MAB771 COMPUTATIONAL MATHEMATICS 4
Generalised conservation equations; finite difference solution methods; numerical solution of Laplace's equation; large sparse matrix systems; finite volume methods; solution of the generalised convection diffusion equation; unstructured mesh solution methods; finite elements; coupled, 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: 36 **Campus offered:** GP

► MAB893 ENGINEERING MATHEMATICS 3
Modelling and analysis of variation and data in engineering contexts with emphasis on real data and use of computer packages; estimation, testing, SPC, regression, ANOVA, reliability; statistical project and reporting.
Courses: CE42, CE43, EE43, EE44, EE45, IF25, IF45, IF54, ME45, ME46, ME47,
Prerequisites: MAB180 or MAB187 and MAB188
Credit points: 8 **Contact hours:** 3 per week
Incompatible with: MAB101, MAB135, MAB136, MAB137, MAB138
Campus offered: GP

► MDB300 TEACHING IN THE INFORMATION AGE
The impact of information technology on education; the concept of an information society; the way in which what is defined as knowledge is

contested and changed by information technology; strategies for learning and teaching using information technology. Practical skills using computer hardware and software communication technology and multimedia are developed with a view to appropriate implementation within the curriculum.
Courses: ED43, ED50, ED52, ED54, ED55, IF70-79
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MDB383, MDB385

► MDB320 DATABASE THEORY & TECHNIQUES
The logical and physical models of information systems; characteristics; use of structured query language to query existing curriculum databases and construct new ones; the sociological implications of the utilisation of public and private databases.
Courses: ED50
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
Examination of single and multi-user operating systems; interaction with computer systems and management of stored information; definition and implementation of algorithms in suitable language; selection of computable representation for real world concepts and application in computer programs; hierarchy of levels of abstraction; adoption of abstracted views of real world information processing or problem-solving situations; capabilities and limitations of conventional, sequential processing machine architectures.
Courses: ED50
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
Prerequisites: Normally the completion of 48 credit points in each relevant discipline area
Credit points: 12 **Contact hours:** 3 per week

► 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
Prerequisites: MDB325
Credit points: 12 **Contact hours:** 3 per week

► MDB327 CHEMISTRY CURRICULUM STUDIES 1
The nature of the curriculum area/discipline and its role and contribution as a medium for education; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experiences in selected curriculum areas.
Courses: ED19, ED50, ED54, ED55, IF71
Prerequisites: Normally the completion of 48 credit points in each relevant discipline area
Credit points: 12 **Contact hours:** 3 per week

► 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
Prerequisites: MDB327
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, IF79
Prerequisites: Normally the completion of 48 credit points in each relevant discipline area
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, IF79
Prerequisites: MDB329
Credit points: 12 **Contact hours:** 3 per week

► MDB331 EARTH SCIENCE CURRICULUM STUDIES 1
The nature of the curriculum area/discipline and its role and contribution as a medium for education; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experiences in selected curriculum areas.
Courses: ED19, ED50, ED54, ED55, IF71
Prerequisites: Normally the completion of 48 credit points in each relevant discipline area
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
Prerequisites: MDB331
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, IF79
Prerequisites: Normally the completion of 48 credit points in each relevant discipline area
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, IF79
Prerequisites: MDB333
Credit points: 12 **Contact hours:** 3 per week

► MDB335 PHYSICS CURRICULUM STUDIES 1
The nature of the curriculum area/discipline and its role and contribution as a medium for education; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experiences in selected curriculum areas.
Courses: ED19, ED50, ED54, ED55, IF71
Prerequisites: Normally the completion of 48 credit points in each relevant discipline area
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
Prerequisites: MDB335
Credit points: 12 **Contact hours:** 3 per week

► MDB337 SCIENCE CURRICULUM STUDIES 1
The nature of the curriculum area/discipline and its role and contribution as a medium for education; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experiences in selected curriculum areas.
Courses: ED19, ED50, ED54, ED55, IF71, IF79
Prerequisites: Normally the completion of 48 credit points in each relevant discipline area
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, IF79
Prerequisites: MDB337
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 now implemented in secondary schools. Prospective teachers of courses such as these require a sound foundation in the design and development of software along with the use of modern abstract procedural, data and object handling representations. Software design and development are closely bound to particular problems contexts. This unit is based on the design of educational software because this area is relevant to the students concerned and because there is a clear demand for such software. Students in this unit will employ a range of powerful programming techniques and structures in the development of educational computer software.
Courses: ED50
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 materials 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 underlying: beginning mathematical ideas that are the foundation for number and measurement; number, numeration, and number sense related to whole numbers, decimal fractions and common fractions; the four operations (addition, subtraction, multiplication, and division) with particular focus on concepts, basic number facts, and computation (mental and paper and pencil), and measurement involving length, area, capacity, volume, mass, temperature and time. Recent theories on how children acquire concepts and skills related to number and numeration, operations and measurement are examined.
Courses: ED51 **Prerequisites:** MDB386
Credit points: 12 **Contact hours:** 3 per week

► MDB374 MATHEMATICS CURRICULUM 2
Addresses the topics of: spatial reasoning (concepts, models, constructions, and reasoning processes); chance and data (concepts, procedures, and reasoning processes; pre-algebra (arithmetical structure, expressions and equations); mathematical thinking (critical, reflective, creative, flexible, and logical reasoning; together with problem representation, construction, modelling, and solving); working effectively with technological tools (concepts, communication processes, and project development).
Courses: ED51
Prerequisites: MDB386, MDB373
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, communications technologies 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 of tasks. A study and understanding of how tasks might be represented, sequenced and implemented is essential if technology is to be used effectively in education. The use of project work as a pedagogical technique is a popular strategy to promote independent learning and student autonomy. This unit provides students with a framework to evaluate this methodology.
Courses: ED50, ED51
Prerequisites: MDB375 or MDB392
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 futuring knowledge bases which have practical applications in the adult education and human resource development field. Participants may enhance their professional effectiveness in performing administrative, instructional, and program development responsibilities through modern practice.
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 Statement, Queensland Education Department. Guidelines for the Use of Computers in Learning, curriculum developed as a result of the Wiltshire Report. Content will include models for learning with information technology; models for learning about information technology; and managing information technology resources.
Courses: ED51, ED52, ED56, 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: ED26, ED51, 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, evaluating.
Courses: ED43, ED51, ED52
Credit points: 12 **Contact hours:** 3 per week

► MDB386 MATHEMATICS FOUNDATIONS
Introduce prospective teachers in the primary school to those elements 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 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 today.
Courses: ED43, ED51, ED52
Credit points: 12 **Contact hours:** 3 per week

► MDB387 SCIENCE FOUNDATIONS
Develop students' understandings of fundamental concepts related to natural and processed materials, energy, change and growth. Students will also examine issues such as the nature of science, the historical development of major concepts of science, the development of communication in science, and the relationship of science to society. Students will engage in the processes of working through practical hands-on activities, discussions and debates, and small project work.
Courses: ED43, ED51, ED52
Credit points: 12 **Contact hours:** 3 per week

► MDB388 GAMING & CHANCE
Discover the world of probabilistic mathematics, gaming, expectation and decision-making through games and activities that have application in mathematics teaching.
Courses: ED52, ED51
Credit points: 12 **Contact hours:** 3 per week

► MDB389 LIFE & LIVING PROCESSES
The interaction of organisms and their physical environment will be investigated, in particular, the human influence on the biosphere. The role of technology in empowering communities to exploit and/or protect biological systems and the integrity of the earth as humanity experiences it today will also be studied. Energy and energy changes, energy resources and the responsible use of those resources will be considered.
Courses: ED52, ED51 **Prerequisites:** MDB387
Credit points: 12 **Contact hours:** 3 per week

► MDB390 NATURAL & PROCESSED MATERIALS
Continues the development of students' content knowledge in science by examining a range of scientific concepts that contribute to an understanding of science in a technological context. The focus will be on the exploitation of natural and processed materials and a consideration of the environment and social costs and benefits associated with the use of those materials.
Courses: ED52, ED51 **Prerequisites:** MDB387
Credit points: 12 **Contact hours:** 3 per week

► MDB391 EARTH & SPACE
Examines scientific concepts in important areas of space, time and motion, the origin and history of earth and its environments, and light and optics. Scientific principles and techniques for observing space and earth phenomena will also be investigated.
Courses: ED52, ED51 **Prerequisites:** MDB390
Credit points: 12 **Contact hours:** 3 per week

► MDB392 EDUCATIONAL COMPUTING ENVIRONMENTS
An introduction to computer systems, including an understanding of computer systems and networks used in education. The focus will be on the technical management of personal and networked systems commonly found in schools. Students will use an appropriate educational programming language to apply their understandings of computer systems to a practical situation.
Courses: ED52, ED51
Prerequisites: MDB383**Corequisites:** 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**Corequisites:** MDB383
Credit points: 12 **Contact hours:** 3 per week

► MDB395 MARINE STUDIES CURRICULUM
An understanding of interactions between humans and the marine environment are crucial if we are to maintain a viable ecosystem. We use the marine environment for both pleasure and for survival. As individuals we obtain food, leisure and relaxation from the sea, as a society we exploit its resources, use it for transport and deposit effluent in it. This unit explores in a theoretical and practical way the development of curriculum that helps learners come to understand the issues concerned with marine studies.
Courses: ED50, ED55, ED61, IF70-79
Credit points: 12 **Contact hours:** 3 per week

► MDB396 EXCURSIONS IN GEOMETRY
The world is filled with geometry. Without geometry, or at least a sense of space, we could not get around. We would have boring buildings and dull designs. This subject will begin with the Greeks and move to studying geometry that we use today. A historical perspective will be used to show that geometry like all mathematics was alive and lives today in the world of fractals and graphic design. Participants will find many useful investigations and activities for the classroom.
Courses: ED43, ED51, ED52
Prerequisites: MDB386
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 educational environments.
Courses: ED51, ED52
Prerequisites: MDB383 **Corequisites:** MDB383
Credit points: 12 **Contact hours:** 3 per week

► MDB411 EARLY CHILDHOOD MATHEMATICS TEACHING, LEARNING & ASSESSMENT
Theoretical background and research; logical sequence of mathematics and children's cognitive development; content and learning experiences for early childhood; integration and application.
Courses: ED26, ED61
Credit points: 12 **Contact hours:** 3 per week

► 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

► MDB429 INITIATIVES IN SCIENCE EDUCATION
Students will have the opportunity to explore alternative practices in science education, particularly through the development of research-based project work for children, the extended excursion or field trip and involvement in community-sponsored and/or related science activities and events. An emphasis will be placed on catering for the individual and providing experiences that fully extend each child, including the exceptional child.
Courses: ED26, ED51,ED61
Credit points: 12 **Contact hours:** 3 per week

► 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

► MDB446 SCIENCE FOR EARLY CHILDHOOD
Young children are naturally curious and enthusiastic about their environment. This unit aims to help teachers to develop the child's interest in science and to enable children to become scientifically literate citizens of the future. Topics covered include the development of process skills and manipulative skills, theories of learning and development relevant to the science education of young children, learning experiences and resources.
Courses: ED26
Credit points: 12 **Contact hours:** 3 per week

► 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 unit of work.
Courses: ED51 **Prerequisites:** MDB383
Credit points: 12 **Contact hours:** 3 per week

► MDB450 PRIMARY MATHEMATICS CURRICULUM
The content to be covered in this unit includes: Early number processes; Number, comprising whole numbers and fractions, (common, decimal, and per cent), together with numeration processes for whole numbers and fractions; Number facts, operations, mental computation and estimation; Spatial reasoning (concepts, models, constructions, and reasoning processes); Measurement (concepts and processes, connection to number system); Chance and data (concepts, procedures, and reasoning processes); Pre-algebra (arithmetical structure, expressions and equations, patterns and relationships); Mathematical thinking (critical, reflective, creative, flexible, and logical reasoning, problem representation, construction, modelling, and solving; and Working effectively with technological tools.
Courses: ED26, ED56, IF82, IF84
Credit points: 12 **Contact hours:** 4 per week

► MDN619 TECHNOLOGICALLY SUPPORTED TEACHING & LEARNING ENVIRONMENTS
Computer-based software, equipment and educational settings as technological environments; models of interpreting technological environments; historical perspective of learning/teaching technologies; design of technological environments.
Courses: ED13, ED11, ED61 **Credit points:** 12

► MDN623 COMMUNICATIONS TECHNOLOGY IN EDUCATION
The design and development of educational communications technologies; building World Wide Web, electronic mail, interactive document and synchronous conferencing servers for use within educational contexts; managing and adapting client software for instructional use; policy issues in providing network-based educational resources; managing innovation within technological change.
Courses: ED13, ED11, ED61 **Credit points:** 12

► MDN624 CONTEMPORARY MATHEMATICS CURRICULUM: CONTEXT AND CHALLENGE
Students will examine the design, implementation and evaluation of mathematics curricula. Consideration will be given to former and current trends in mathematics education including content, pedagogy and assessment and the roles of language, technology and affect in the teaching and learning of mathematics. Students will examine their own beliefs and philosophies and explore how these impinge on the curriculum process.
Courses: ED13, ED11, ED61 **Credit points:** 12

► MDN625 EXPLORING STUDENTS' MATHEMATICAL REASONING
Introduces students to some of the latest topics in cognitive psychology and examines their impact on mathematics education. These include the nature of knowledge and understanding, mathematical reasoning processes, cognitive complexity, reasoning with representations, and problem solving and thinking skills. Students will develop skills in identifying and analysing their teaching practices from a cognitive perspective.
Courses: ED13, ED11, ED61 **Credit points:** 12

► MDN626 PEDAGOGY IN MATHEMATICS EDUCATION
Study of mathematics education in its classroom micro-context and its wider social 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 success and failure of learning environments in mathematics education and to critically reflect on their own practice in the light of these issues. The overall emphasis of this unit is the integration between theory and practice for the construction of successful learning environments.
Courses: ED11, ED13, ED61 **Credit points:** 12

► MDN627 STUDENT ASSESSMENT IN MATHEMATICS
Considers the major theoretical issues in assessment in mathematics education. The role of assessment and intervention is discussed and expertise is developed in planning of assessment instruments in their evaluation.
Courses: ED11, ED13, ED61 **Credit points:** 12

► MDN628 CONTEMPORARY SCIENCE CURRICULUM: CONTEXT AND CHALLENGE
Expands the formal training and practical experiences of science educators from different educational fields spanning early childhood, primary, secondary and post-compulsory education. Major topics include changing goals and emphases in science education, science curriculum theory and design, science curriculum implementation and evaluation, and contemporary issues in science curriculum. A combination of directed readings, seminars, tutorials and independent research is negotiated with students to optimise learning experiences and relevance of the unit for individual students.
Courses: ED13, ED11, ED61 **Credit points:** 12

► MDN629 DEVELOPMENT OF STUDENTS' SCIENTIFIC REASONING SKILLS
The critical evaluation and development of scientific reasoning skills in science education: domain general and domain specific reasoning associate with particular science topics; student explanation, models and analogical reasoning; factors influencing reasoning including epistemological issues. The role of the science laboratory in science education and the development of science reasoning skills.
Courses: ED13, ED11, ED61 **Credit points:** 12

► MDN630 LEARNING & TEACHING IN CONTEMPORARY SCIENCE CLASSROOMS
Overview of current learning theories of relevance to science educators with a particular emphasis on constructivist approaches. Application of learning theories to the construction of learning environments for enhancing understanding. Teacher, social and student factors constraining and facilitating the development of particular learning environments including gender and cultural diversity sensitive environments.
Courses: ED11, ED13, ED61 **Credit points:** 12

► MDN632 DATABASES IN EDUCATIONAL CONTEXT
Explores in an educational context some of the characteristics and applications of information systems. In particular it looks at how information is modelled, stored and retrieved using relational database techniques. The impact on society of the use of information systems is also explored. The pedagogies associated with teaching about and using information systems in schools are explored.
Courses: ED13, ED11, ED61
Credit points: 12 **Incompatible with:** MDP503

► MDN633 CURRICULUM STUDIES IN TECHNOLOGY EDUCATION
Curriculum theory: intended, developed and enacted curriculum; curriculum design: models for curriculum design; impact on information technology; curriculum implementation: vocational models; discipline models, individualised models, school-based models, innovations; curriculum evaluation; historical factors affecting the curriculum in technology education.
Courses: ED11, ED13, ED61 **Credit points:** 12

► MDN634 PRIMARY MATHEMATICS, SCIENCE AND TECHNOLOGY CURRICULUM
The nature of mathematics, science and technology and a rationale for mathematics, science and technology education will be explored; learning in all three areas takes place in a variety of ways; key concepts and processes will be investigated; research issues will be examined and a small project implemented; information technology will be integrated into teaching and learning episodes.
Courses: ED18
Credit points: 12 **Contact hours:** 3 per week

► MDN636 UNDERSTANDING CONCEPTS IN MATHEMATICS AND SCIENCE
The processes of mathematical and scientific inquiry. Key mathematical and scientific concepts found in primary and/or secondary curricula. The characteristics of and conditions for under-

standing key mathematical or scientific concepts. The structuring of learning experiences taking into account prior knowledge, suitable 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 applications of information systems in an educational context. How information is modelled, stored and retrieved using relational database techniques; the impact on society of the use of information systems; the pedagogies associated with teaching about and using information systems in schools are explored.
Courses: ED21
Credit points: 12 **Contact hours:** 3 per week

► MDP504 SCHOOL ADMINISTRATION USING INFORMATION TECHNOLOGY
The use of information technologies in the administration of schools; explores a range of administrative packages; cost benefits and ethical implications.
Courses: ED21
Prerequisites: MDP532 or MDP530
Credit points: 12 **Contact hours:** 3 per week

► MDP506 COMPUTER EDUCATION PROJECT
Offers students the opportunity to extend expertise gained in other units in the Graduate Diploma in Education (Computer Education). Under supervision, students select a problem relevant to computer education and implement a solution.
Courses: ED21, ED61
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 Information Processing and Technology syllabus and the Practical Computer Methods syllabus.
Courses: ED21
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 teach problem solving in the primary classroom through a study of Logo, adventure games, simulations, and genuine problem-solving software. In addition, the use of popular software tools as aids to teaching and learning is considered.
Courses: ED21, ED61
Prerequisites: MDP537 and MDP532 or MDP530
Credit points: 12 **Contact hours:** 3 per week

► MDP529 DIAGNOSTIC ASSESSMENT & REMEDIAL INTERVENTION IN MATHEMATICS
Overview of learning difficulties of mathematical skills and concepts at all levels. Diagnostic assessment of mathematical competencies including teacher made, commercial and government assessment procedures. Learning experiences to remediate difficulties for prenumber, number, basic numeracy, advanced numeracy and introductory algebra. Integration of mathematical concepts across the curriculum and applications from real life situations. The use of technology in learning mathematics including the calculator as a pedagogical aid.
Courses: ED26, ED28, ED50, ED55, ED61, IF70-79
Credit points: 12 **Contact hours:** 3 per week

► MDP530 COMPUTER APPLICATIONS IN EDUCATION
Allows students to gain technological skills and understanding while investigating applications of these technologies in the context of teaching and learning. A wide range of computer applications will be covered, including writing, publishing, graphics, communications, and project management tools.
Courses: ED21, ED61
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MDP505

► MDP531 INVESTIGATIONS INTO COMPUTER-AIDED LEARNING
The use of interactive technology in the teaching/learning process; approaches to and uses of computer-aided learning, hypermedia authoring systems such as Hypercard, Linkways and Toolbook, and their applications in multimedia environments.
Courses: ED21, ED61
Prerequisites: MDP532 or MDP530
Credit points: 12 **Contact hours:** 3 per week

► MDP532 COMPUTER SYSTEMS IN AN EDUCATIONAL CONTEXT
An introduction to educational computer systems; it includes a study of problem-solving using computers, the architectures of computer systems, operating systems and an introduction to computer programming using appropriate educational languages.
Courses: ED21, ED26
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MDP501

► MDP533 TEACHING INFORMATION SYSTEMS MODELLING
Designed for prospective teachers of information system modelling; explores the pedagogies and approaches appropriate for teaching students at a variety of levels including a secondary school environment; development and writing of specification documents for information system implementation within an educational context; tools such as relational languages and CASE used by students to implement small educational information systems.
Courses: ED21 **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 impacting on education, philosophical issues, and methods used in AI; focuses particularly on AI applications which cross broad areas of the school curriculum; provides appropriate curriculum support for teachers of the AI topic within the Information Processing and Technology unit at a secondary school level.
Courses: ED21 **Prerequisites:** MDP535
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: CSP842

► MDP535 EDUCATIONAL SOFTWARE DEVELOPMENT
Data, procedural and object-orientated abstractions used in conjunction with modular programming practices. These understandings are used to solve problems from a wide range of practical educational applications especially with respect to the development of educational software.
Courses: ED21 **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 teaching and learning in a school environment. A problem-solving approach is employed and students are given the opportunity to apply what they are learning to their own curriculum areas.
Courses: ED21, ED51, ED61
Prerequisites: MDP392 or MDP532 or MDP530
Credit points: 12 **Contact hours:** 3 per week

► MDP537 MAJOR ISSUES IN COMPUTER EDUCATION
The application and implication of the use of information technologies in an educational environment; the impact of teaching, learning and the curriculum.
Courses: ED21, ED61
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MDP502

► MDP538 COMPUTERS IN THE SECONDARY CURRICULUM
Explores the impact of information and communication technologies on those segments of the secondary curriculum where the emphasis is other than teaching about computing. The impact on teaching and learning is discussed within the framework of recent research, national, state, systemic and local policy documents.
Courses: ED21, ED61
Prerequisites: MDP537 or MDP532
Credit points: 12

► MEB036 SAFETY TECHNOLOGY 1
This unit provides students with the skills to enable them to recognise the causes of and methods for preventing (or minimising) accidents, fires and explosions associated with engineering components, structures, plant and processes. Students will gain particular knowledge of hazards and control measures associated with the manufacturing, construction and mining industries.
Credit points: 12 **Semester offered:** 1

► MEN101 RESEARCH METHODOLOGY
Basic research methodology is an essential component for any student expected to undertake research. This unit will provide the basic knowledge of research, qualitative and quantitative research methodologies and a range of techniques to become critical users of existing knowledge as well as research findings.
Courses: CE75, EE77, ME80
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; examples of analytical models such as inventory models, Markov chains, queuing models; simulation as a decision making tool; modelling for simulation and practical exercises in simulation using computer simulation software in the areas of manufacturing systems and maintenance.
Courses: ME75, ME76
Credit points: 12 **Contact hours:** 3 per week

► 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; introduction and installation of flexible manufacturing cells and systems including robotics, automated guiding vehicles, on-line computer aided inspection, automation integration, support technologies and planning for CIM.
Courses: ME75, ME76
Credit points: 12 **Contact hours:** 3 per week

► MEN172 COST ANALYSIS & ASSET MANAGEMENT
Provides students with skills to: analyse cost and understand different costing methods and their implications; evaluate engineering decisions under different cost allocation methods; appreciate the role of variance analysis as a management tool; estimate cash flows; make lease versus buy decisions and budgeting.
Courses: ME75, ME76
Credit points: 12 **Contact hours:** 3 per week

► MEN175 ENERGY & ENVIRONMENTAL MANAGEMENT
Properties and testing methods of solid, liquid and gaseous fuels; combustion calculations; flue gas analysis; energy tariffs and audits; major applications of energy management, for example buildings, process plant, compressed air systems, vehicle fleets; economic evaluation of energy projects; introduction and management of energy saving programs. Environmental aspects will be considered for each topic.
Courses: ME75, ME76
Credit points: 12 **Contact hours:** 3 per week

► MEN177 TOTAL QUALITY MANAGEMENT
The aim is to provide students with an understanding of the underlying philosophy and practice of TQM including learning some basic tools for quality control. Topics covered include: quality as a competitive strategy; the evolution of quality management; elements of quality management; continual improvements; customer measurements; managing change; total employee participation; bench marking and TQM in modern economy.
Courses: ME75, ME76
Credit points: 12 **Contact hours:** 3 per week

► MEN190 PROJECT
Substantial piece of work relevant to the course and carried out by each student on an individual basis; report is examined and marked by academic supervisor in consultation with industrial supervisor.
Courses: ME75, ME76
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; maintainability; repair pools; spare pars inventory management; cost downtime; downtime reduction; planning shutdowns/turnarounds; performance measures; documentation and document control; configuration management; computer based maintenance management systems; total productive maintenance (TPM); condition monitoring; financial analysis for asset management.
Courses: ME75, ME76
Credit points: 12 **Contact hours:** 3 per week

► MEN272 ENTERPRISE RESOURCE PLANNING
The aim of this unit is to provide students with an understanding of the underlying philosophy and practice of resources planning. Topics covered are functions and 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: MEN270

► 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 ENGINEERING MANAGEMENT
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 change and conflict. It takes an integrated approach to quality in all aspects of management. It introduces service management, technology and innovation.
Courses: ME41, ME42
Credit points: 12 **Semester offered:** 2

► MGB201 THE LEGAL CONTEXT OF EMPLOYMENT RELATIONS
The unit provides an overview of the complex legal, social and political arrangements underpinning organisational life in Australia. A multi-disciplinary perspective is used to examine two specific areas. Social, economic and State contexts are explored 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 conduct of the different parties involved in the employment relationship. Current issues are examined from the perspective of the interactions between individual workers, unions, employers, employer groups, tribunals, government and international bodies to enable students to understand the broader context of the legal obligations of the parties.
Courses: BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: MGB222
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HRB103
Campus offered: CA, GP **Semester offered:** 1

► MGB202 EQUITY & DIVERSITY MANAGEMENT
The historical, legal and social perspectives on current issues surrounding equity and equality in diversity management particularly equal employment opportunity (including affirmative action and anti-discrimination initiatives) are investigated. Workplace implications of current approaches and the concepts and application of the principle of merit are explored in relation to the likely and possible impacts in making personnel-related decisions. In identifying strategic management approaches to diversity including implementing the EEO and AA processes identified by legislation the unit questions and evaluates current management practices and research methods through investigating, analysing, and critiquing current EEO/AA approaches and plans.
Courses: BS56, IF28, IF30, IF41, IF47, IF48, IF62
Prerequisites: BSB114
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HRB133
Campus offered: GP **Semester offered:** 2

► MGB203 GOVERNMENT-BUSINESS INTERFACE
This unit will provide students with an essential understanding of the complex and dynamic relationship between government and business. The unit will examine a range of 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: BSB114
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: EPB125, 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 examining a range of alternative human resource programs, policies, and strategies. This unit introduces a range of human resource functions and provides a foundation for the development of professional practice in HRM in later units. This unit provides students with knowledge and skills to address contemporary human resource issues in order to contribute to organisational efficiency and effectiveness.
Courses: BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62, PU40
Prerequisites: BSB115
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HRB131
Campus offered: CA, GP
Semester offered: 1, 2

► MGB209 OCCUPATIONAL HEALTH & SAFETY MANAGEMENT
This unit provides an overview of issues related to occupational health and safety. The unit acquaints students with the scope of the occupational health and safety problem in Australia as well as the legislative environment, and introduces them to analytical skills needed to manage these problems. The unit takes a strategic and multi-disciplinary approach to the management of occupational health and safety.
Courses: BS56, IF28, IF30, IF41, IF48, IF62
Prerequisites: BSB114
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HRB128
Campus offered: GP **Semester offered:** 1

► MGB210 PRODUCTION & SERVICE MANAGEMENT
Production and Service Management extends general management approaches to the production operations subsystems of service and manufacturing organisations. The unit focuses on the deployment of productive resources in order to maximise the added value of services and products. Issues of quality and efficiency are considered analytically in terms of broader strategies and constraints. It considers the opportunities that new technology brings to operational strategies in both manufacturing and service. Project management principles are considered in relation to resource deployment and continuous improvement.
Courses: BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: MGB220
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HRB129
Campus offered: CA, GP
Semester offered: 1, 2

► MGB211 ORGANISATIONAL BEHAVIOUR
The unit examines theory and research related to individual and collective human behaviour in organisations. A multi-level approach will be adopted that focuses on individuals, groups, the organisation as an entity, and the relationship among these elements. In addition, the unit will address major themes in the field and provide students with an opportunity to use the body of knowledge to diagnose, interpret and understand issues within these themes. This unit will help students understand the role that people as individuals and in groups play in organisations and to apply this knowledge in creating more effective and humane work places.
Courses: BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62, PU40
Prerequisites: MGB220
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HRB130
Campus offered: CA, GP
Semester offered: 1, 2

► MGB216 MANAGING TECHNOLOGY, INNOVATION & KNOWLEDGE
This unit explores of the links between research, technical processes, product innovation and management structure, policy and practice. It examines the impact of changing technology, such as information technology, on organisations. This unit examines the internal operation of organisations, with particular respect to the management of human, material and financial resources; technological innovations; and social change. Other issues addressed in this unit include the nature of product and process innovation, technology transfer, intellectual property and licensing, government policy, and the role of research and development.
Courses: BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: MGB222
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HRB140
Campus offered: GP **Semester offered:** 2

► MGB218 VENTURE SKILLS
This unit examines and compares the new venture creation process for the new and old econ-

omy industries. The unit also considers the identification, analysis and learning process of building a successful new venture with a particular focus on the high-technology venture. This focus is a response to an identified need by a diverse cohort of students including Business, Creative Industries, Information Technology, Science, including Bio-Technology, Engineering, Design, Law, Construction, Health and Planning. There are students who want to set-up sophisticated new economy businesses. Students are encouraged to analyse business plans, develop practical solutions, and implement these solutions within the requirements for starting a new venture. Concepts of the sub-elements of the business plan are examined in this unit. Specific topics include the characteristics of successful new ventures, identifying potentially successful ventures, new venture liability, designing business models, new venture finance including angel finance, managing high technology entrepreneurship, corporate new ventures, managing risk and uncertainty, risk sharing and risk modification. Students can progress from this unit to carry out the development and writing of a business plan in the unit MGB223 Creating New Enterprise.
Courses: BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: 96 credit points of approved studies
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 2

► MGB220 MANAGEMENT RESEARCH METHODS
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 quantitative and qualitative research methodologies.
Courses: BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: BSB115
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MGB100, EPB109, EPB110, EPB163, COB334, COB203, AMB201
Campus offered: CA, GP
Semester offered: 1, 2

► MGB221 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 optimising individual and organisational performance. A substantial level of analytical and professional competence is expected in this unit, which is a key to the integration of HR processes and organisational requirements.
Courses: BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: MGB207
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MGB328, HRB105
Campus offered: CA, GP **Semester offered:** 1

► MGB222 MANAGING ORGANISATIONS
This unit develops an understanding of the organisation in both its internal and external environment, and the demands of managing the organisation's resources and performance. It raises contemporary issues in management and their implications for competitive advantage, focusing on various organisational sub-systems including HR, technology, structure and design.
Courses: BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF61 & IF62
Prerequisites: BSB115
Credit points: 12 **Contact hours:** 3 per week
Campus offered: CA, GP
Semester offered: 1, 2

► MGB223 CREATING NEW ENTERPRISES
This unit deals with the development of a business plan for the potential launch of student business ideas. This unit is designed for those individuals interested in creating a new venture or working in industries as employees of venture owners or those that serve this sector. Students build a comprehensive plan of their business concept. Students can progress from this unit to carry out the business plan analysis in the unit MGB218 Venture Skills or advance from MGB218 to undertake this unit.
Courses: BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: 96 credit points of approved studies
Credit points: 12 **Contact hours:** 3 per week
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.
Courses: BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: BSB115
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MGB332
Campus offered: GP **Semester offered:** 2

► MGB304 HUMAN RESOURCE INFORMATION MANAGEMENT
This unit focuses on Human Resource Information Management. Students will be coached to understand the storage, retrieval, and utilization of data in HR operation. A substantial level of analytical and professional competence is expected in this subject, which is a key to the utilization of HR information to aid decision-making. In addition, students will be introduced to the basic operation of a computerized Human Resource information systems (HRIS) to appreciate the role of technology in HR information management.
Courses: BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: MGB221
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 2

► MGB306 INDEPENDENT STUDY
Enables students to demonstrate an ability to direct their own learning, a key competence for professionals who must keep themselves up to date in their area of expertise; students either individually or in small groups, undertake one or several learning activities with the approval of a supervisor; appropriate activities include literature review, research (mini-thesis), project, practicum (work placement), or alternative deemed acceptable by the supervisor.
Courses: BS56
Prerequisites: 96 credit points of approved studies and permission of the major coordinator
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HRB151
Campus offered: GP **Semester offered:** 1, 2

► MGB307 INTERNATIONAL HUMAN RESOURCE MANAGEMENT
Overviews international business management, and develops a strategic appreciation of the role of human resources management in an international context. Specific human resource processes are detailed, including: expatriate selection, cross-cultural training, management and remuneration; global management; and the competencies required to manage a culturally diverse workforce, the relationship between international human resource management and international industrial relations, and contemporary research in international human resource management. The Asia-Pacific region will be a focus for discussions throughout this unit.
Courses: BS56, IF28, IF30, IF41, IF47, IF48, IF62
Prerequisites: MGB207 **Credit points:** 12
Contact hours: Flexible Mode
Incompatible with: HRB117
Campus offered: GP **Semester offered:** 2

► MGB309 STRATEGIC MANAGEMENT
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 decision making process. The framework is developed within the particular context of Australia's economic development position. Taking the perspective that many managers make decisions that can have strategic implications, the emphasis is upon studying that process and content issues that can affect the strategic performance and positioning of the organisation. This will involve creating an understanding of the universal building blocks of competitive advantage at the business, corporate and international levels. 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 **Contact hours:** 3 per week
Incompatible with: HRB125, MIB314
Campus offered: CA, GP
Semester offered: 1 (GP only), 2

► MGB312 NEGOTIATION SKILLS
This subject concentrates on the theory and practice of negotiation as applied to the basic concepts of integrative and distributive bargaining domestically and internationally. The process and phases of negotiation are practised by students culminating in their ability to negotiate an extensive and complicated collective bargaining agreement.
Courses: BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: MGB211
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HRB102
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 for students to develop a theory in practice orientation to consulting to individuals, groups, and organisations. Hence content theory and process theory will be addressed. The focus of this unit will be on human process issues and change. The unit will examine a range of human process interventions designed to improve organisational effectiveness. Attention will also be given to change strategies that are socially and culturally inclusive. Graduates of this unit should be able to be productive members of organisational change teams.
Courses: BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: MGB211
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HRB119, COB102
Campus offered: GP **Semester offered:** 1, 2

► MGB315 PERSONAL & PROFESSIONAL DEVELOPMENT
Develops personal, interpersonal and professional competencies (in both cognitive and affective domains) necessary in a human resource or management professional. Develops personal awareness and understanding, interpersonal competencies, and professional skills. Also examines influence processes, negotiation and conflict resolution and stress management. Throughout, it emphasizes the design of processes to achieve outcomes and skills of reflective practice. The focus in on developing skills to enhance individual competence and leadership skills to enhance effectiveness.

Courses: BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: MGB211
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HRB104
Campus offered: CA, GP
Semester offered: 1, 2

► MGB320 RECRUITMENT & SELECTION
This unit draws on conceptual foundations established in MGB221. The unit examines the environment of recruitment and selection, with a particular emphasis on legal issues. Recruitment strategies are evaluated, and considered from the perspective of the organisation and the individual. Personnel selection techniques are examined in relation to technical issues of reliability, validity, fairness, and applicability. Practical skills in designing personnel selection techniques are developed, including the opportunity to develop skills in the interview process.
Courses: BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: MGB221
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HRB134
Campus offered: CA, GP **Semester offered:** 2

► MGB321 ADVANCED PRACTICE IN RECRUITMENT & SELECTION
This unit draws on conceptual foundations established in MGB320 Recruitment and Selection. The unit examines the theory and practice of advanced selection techniques. In addition, the application of selection techniques to a range of contexts and occupational groups will be explored including operatives, management, customer service, helping professions and other groups. A range of contemporary issues will be addressed. This unit focuses on strategy and professional practice skills.
Courses: BS56, 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 training, examine advanced training methodologies, career development, focus on transfer of training and investigate how to evaluate the effectiveness of training programs using research designs. The unit will also highlight the important characteristics of a competent trainer.
Courses: BS56, IF28, IF30, IF41, IF47, IF48, IF62
Prerequisites: MGB331
Credit points: 12
Contact hours: Flexible Mode
Incompatible with: HRB101
Campus offered: GP **Semester offered:** 1

► MGB331 TRAINING & DEVELOPMENT
This unit introduces students to theory and competencies required of a beginning or an occasional trainer: adult learning theory applicable to training in a vocational setting, research and competency development. Topics include national training framework; instructional models and theories of adult learning; training needs analysis; training objectives; training evaluation; training models; training aids/audiovisuals; training administration. This unit has a strong focus on mastery of theoretical foundations as well as on learning by doing.
Courses: BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: MGB207 or 96 credit points of approved studies
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MGB217, HRB120
Campus offered: CA, GP **Semester offered:** 2

► MGB334 MANAGING IN A CHANGING ENVIRONMENT
This unit provides students with the conceptual and analytic tools required for managing changing environments. The emphasis is on developing an understanding of the management competencies required for managing flexibility, managing innovation and managing for change. The unit moves beyond a focus on 'dot.com' companies to examine how a range of organisations both small and large are engaging with issues associated with e-business.
Courses: BS56, IF26, IF28, IF30, IF37, IF41, IF47, IF48, IF57, IF60, IF62, IF72
Prerequisites: BSB212 or 96 credit points of approved studies
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: BSB312
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 analysis, 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
Campus offered: CA, GP **Semester offered:** 2

► MGB336 ADVANCED MANAGEMENT RESEARCH METHODS
This unit provides students with an advanced understanding of data applications necessary for higher level or postgraduate research projects. Preceding methods units introduced research methodology and examined selection of research methods. This unit focuses specifically on the application of quantitative statistics to managerial decision-making and organisational research. At the conclusion of this unit, students will have a sound working knowledge of SPSS.
Courses: BS56, 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
Allows students to undertake specialised study on a topic area relevant to particular needs. Permits an in-depth examination of an issue of importance. Content varies depending upon the issue examined, and the academic member(s) involved (including short-term visiting academics).
Courses: BS56
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, its management, structure, operations and human resource capacities. In addition, the unit will discuss management issues to be faced by organisations entering into export markets.
Courses: BS63, BS93
Prerequisites: PG only **Credit points:** 12
Incompatible with: BSN401
Campus offered: GP **Semester offered:** 1

► MGN409 INTRODUCTION TO MANAGEMENT
The functions and roles of managers; concepts and principles and their practical applications; the key management functions; areas of planning, organising, staffing, directing and controlling; production/operations management and the management of quality; entrepreneurship and business planning; important problems, opportunities and trends facing managers in Australia analysed from the viewpoint of relevant academic disciplines.
Courses: ED23, 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 of labour-management relations; systems of 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: HRN105
Campus offered: GP **Semester offered:** 2

► MGN412 PEOPLE IN ORGANISATIONS
The internal operation of organisations 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: HRN108
Campus offered: GP **Semester offered:** 1

► MGN413 QUALITY SYSTEMS MANAGEMENT
Quality management principles and systems put a new perspective on management theories and practices; introduction to management theories and concepts; relation to and impact on strategic management of the range 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. It requires them to produce high quality HRM advice that provides direction for practicing line managers consistent with organisational goals and objectives. The learning strategies in the unit challenge students to identify contemporary issues of organisation and management and to interpret these using the paradigms of HRM.
Courses: BS39, BS93 **Prerequisites:** 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 practitioners with skills and knowledge to cope with changing employee relations, conditions, and work practices in Australia. The focus of the unit

is on issues relating to changes in industrial relations and how these impact on HR practice. The pressures to move to an EB system, negotiation of EB agreements, and related work practice issues such as the impact of these changes on health and safety, work and family responsibilities, workforce diversity and the increasing use of technology are addressed.
Courses: BS93, BS39 **Prerequisites:** PG only
Credit points: 12
Contact hours: Flexible Mode
Campus offered: GP **Semester offered:** 2

► MGN423 CONTEMPORARY STRATEGIC ANALYSIS
This unit focuses upon developing manager's understanding of the strategy concept and placing the fundamental elements of strategy in a framework that can be used in the decision making process. Taking the perspective that many managers make decisions that can have strategic implications, the emphasis is upon studying those issues that can affect the strategic positioning of the organisation. This will involve creating an understanding of the universal building blocks of competitive advantage at the business, corporate and international levels. By understanding the nature and determinants of competitive and comparative advantages, students will be well positioned to take a more strategic perspective in their organisational activities.
Courses: BS93
Prerequisites: PG only; with an UG specialisation in Business or Commerce, or equivalent entry to BS93
Credit points: 12
Contact hours: Flexible Mode
Incompatible with: BSN407, MGN504
Campus offered: GP **Semester offered:** 2

► MGN424 INTERNATIONAL DIMENSIONS OF HRM
The course material considers 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 core unit in the Master of Business (HRM) program. Topics include: the competitive context of IHRM (corporate transnationalism); the strategic context of IHRM; the cultural context of IHRM (socialisation and structure); the developmental context (global leadership and development); the collaborative context (HRM in multinational cooperative ventures); the comparative context (expatriate management studies in different contexts); the globalisation context.
Courses: BS39, BS93 **Prerequisites:** PG only
Credit points: 12
Contact hours: Flexible Mode
Campus offered: GP **Semester offered:** 2

► MGN425 THE CONTEXT OF PUBLIC MANAGEMENT
The aim of this unit is to acquaint students with the context within which public bureaucracies' function, particularly the special characteristics of public accountability, which distinguish these bureaucracies from private sector organisations. The primary focus is on the Australian scene, although students will draw comparisons from their own experience within or outside Queensland. Topics will include the role of interest groups, parties and external government actors' in the formulation of public policy; accountability requirements through parliamentary and other agencies; alternative mechanisms for service delivery; and inter-governmental relations, including the role of local governments in the federal system.
Courses: BS39, BS93 **Prerequisites:** PG only
Credit points: 12
Contact hours: Flexible Mode
Campus offered: GP **Semester offered:** 1

► MGN426 INTERNATIONAL TRENDS IN PUBLIC MANAGEMENT
This unit examines major international trends and issues in public management, especially the impact of the New Public Management, focussed upon corporatisation and privatisation, plus regionalisation and devolution of decision-making. It discusses the evolution of institutional structures of administration and policy making under the pressure of global economic and political forces. The effect of international trends is examined with reference to the changing nature of public management within particular national contexts.
Courses: BS39, BS93 **Prerequisites:** PG only
Credit points: 12
Contact hours: Flexible Mode
Campus offered: GP **Semester offered:** 2

► MGN427 HUMAN RESOURCE MANAGEMENT
This unit is designed to introduce students to the importance of human resource management for the effectiveness of organisations operating in complex and/or global environments and the quality of work life. The subject examines human resource management from multiple consistency, functional and strategic perspectives. It utilises an open systems model to introduce some of the key processes of personnel management, which are treated at a theoretical and skill level. The subject fosters knowledge, analytical and operational competencies.
Courses: BS39 **Prerequisites:** PG only
Credit points: 12
Contact hours: Flexible Mode
Campus offered: GP **Semester offered:** 1, 2

► MGN501 READINGS 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 criticism and review. This work is carried out in consultation with the supervisor.
Courses: BS63, 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; theories and models of change will be used to explore planned and unplanned changes currently occurring, particularly as these relate to possible futures; emphasis will be on the strategies and skills required to initiate and participate in effective change management.
Courses: BS93, BS39 **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 and practical developments within their field of specialisation. These matters need to be pursued at a level of intellectual rigour beyond that required for an undergraduate degree. The main objective of this unit is to identify, analyse and report on contemporary issues in HRM. To research information relevant to identified topics. Content may vary according to which issues are current or predictably important in the future. Special expertise of staff, visiting scholars or distinguished HRM professionals may be utilised.
Courses: BS39, BS63, BS92, BS93
Prerequisites: PG only
Credit points: 12
Contact hours: Flexible Mode
Incompatible with: HRN115
Campus offered: GP **Semester offered:** 1

► MGN507 CONTEMPORARY ISSUES IN MANAGEMENT
Examines in detail advanced theory and issues from their chosen field of study. Such study may include an analysis of the historical developments in the field, interconnections with other fields, current significant issues and practices (including ethics), and advanced methodology and/or statistics relevant to the field. The content may vary according to which issues are significant at the time, according to the special expertise of the staff (including visiting scholars and distinguished business leaders) and according to specific needs from thesis proposals.
Courses: BS63, BS92 **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 resources function in an organisation, and report observations; (b) relate these observations to relevant theory and recent research; and (c) develop an integrated view of human resources, including its functions, processes, stakeholders, and environment. Finally, the unit will focus on any conceptual, theoretical, research or practical material relevant to the cases.
Courses: BS63, BS92, BS93
Prerequisites: PG only
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: HRN116
Campus offered: GP **Semester offered:** 2

► MGN509 HUMAN RESOURCE MANAGEMENT PROJECT 1
Provides the opportunity for students to undertake an approved project to develop and enhance learning associated with the coursework elements of human resource management.
Courses: BS93 **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, utilising a variety of conceptual frameworks. Topics include: policy design, formation and implementation, and theories of policy.
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 program.
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 1
Students undertake specialised study on a topic area relevant to particular needs. It permits an in-depth examination of an issue of importance. The content varies depending the issue examined, and the academic member(s) involved (including short-term visiting academics).
Courses: BS39, BS93, IF49
Prerequisites: PG only

Credit points: 12
Contact hours: Flexible Mode
Campus offered: GP **Semester offered:** 1, 2, 3

► MGN525 SPECIAL TOPIC IN MANAGEMENT 2
Students undertake specialised study on a topic area relevant to particular needs. It permits an in-depth examination of an issue of importance. The content varies depending the issue examined, and the academic member(s) involved (including short-term visiting academics).
Courses: BS93 **Prerequisites:** PG only
Credit points: 12
Contact hours: Flexible Mode
Campus offered: GP **Semester offered:** 1, 2, 3

► MMB111 MECHANICAL ENGINEERING SCIENCE
This unit concerns the fundamentals of mechanical 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 and torsion and shear force 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 Law of Thermodynamics) and reversible and irreversible processes.
Courses: ME36 **Prerequisites:** Nil
Credit points: 12 **Contact hours:** 4 per week

► MMB112 DYNAMICS
This unit concerns the motion of machines and structures that have to operate with high speeds and accelerations and the application of principles of mechanics, in particular dynamics. The principles are basic to the analysis and design of moving structures, ranging from ground and air vehicles to robotic devices and automatic control systems. The content includes fundamental equations of kinematics; Newton's law of motion; coordinate systems in plane motion; fundamental equations of particle kinetics; energy, power, impulse and momentum; kinematics of rigid bodies in plane motion, relative motion and motion relative to rotating axes; and kinetics of rigid bodies.
Courses: EE48, EE41, EE42, IF57, ME41, ME48, ME42
Prerequisites: MAB180 or MAB187 or MAB131, CEB184 or CEB109
Credit points: 12 **Contact hours:** 4 per week

► MMB131 ENGINEERING MATERIALS
This unit provides an introduction to Engineering Materials and Materials Science. Topic covered include: atomic bonding; thermodynamics of solids; state and phase changes; defects; elasticity, plastic deformation and fracture; recovery; recrystallisation; hot and cold deformation; creep and fatigue mechanisms; introductory corrosion; 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

► MMB182 COMPUTER AIDED DESIGN AND DRAFTING
This unit is about the use of computer in design and drafting and the application of modelling softwares in a variety of design tasks and project work in the later part of the course. The aim is to expand previously acquired two dimensions CAD expertise to personal computers and mainframes, surface and solid modelling, and to customise menus for personal use. The content of the unit includes 2D and 3D drafting, solid modelling, use of attributes and menu creation.
Courses: ME36
Prerequisites: Nil **Credit points:** 12
Contact hours: 4 per week

► MMB191 INTRODUCTION TO ENGINEERING IN THE MEDICAL ENVIRONMENT
The medical environment has its own culture, methodology and terminology to which the medical engineer must become accustomed. Similarly, engineering has its own terminology and means of communication. Content includes: the engineering profession and its disciplines in Australia and worldwide; Australian healthcare system; medical terminology; health technology and equipment; engineering and medical ethics case studies; engineering communication; engineering drawing.
Courses: ME48
Prerequisites: Nil **Credit points:** 12
Contact hours: 5 per week

► MMB211 MECHANICS 1
All engineering designs must possess an appropriate/adequate degree of stability before they can be considered safe and reliable in service. Mechanics 1 provides a synthesis of knowledge from the general principles of mechanics and demonstrates how these can be used to ensure design integrity and design assessment. The unit will introduce students to the theory of elasticity and elastic parameters such as stress and strain; analysis and design of pressurised thin walled cylinders and spheres; deflection of beams; direct and shear stresses during beam bending; buckling of columns; combined loading of structures and machine members; yield criteria for safe elastic loading.
Courses: IF57, ME36, ME41, ME48, ME42
Prerequisites: MAB188 or MAB132, CEB184 or CEB109
Credit points: 12 **Contact hours:** 5 per week

► MMB212 MECHANICS 2
Topics covered in this unit include: kinematic and dynamic analysis of planar linkages and mechanisms; link synthesis and its application to the design of mechanisms; determination of static and dynamic forces and torques due to inertia and other effects in mechanisms; kinematic analysis of gears and gear systems; introduction to energy methods and matrix methods for static analysis; stress analysis of axi-symmetrically loaded members; torsion of non-circular sections; introduction to experimental stress analysis.
Courses: ME41, ME42
Prerequisites: MEB314 or MMB211, MEB111 or MMB112
Credit points: 12 **Contact hours:** 4 per week

► MMB232 MATERIALS TECHNOLOGY
Topics covered in this unit include: industrial shaping of metals; solidification theory and phase transformations; casting - alloys and defects; sintering and powder metallurgy; fundamentals of ferrous metallurgy; non-ferrous metallurgy; welding and joining technologies; non-destructive testing; engineering with ceramics; processing and properties of polymers; composite materials; optical materials and optical properties.
Courses: ME36, ME41, IF57
Prerequisites: MEB133 or MEB134, MMB131
Credit points: 12 **Contact hours:** 5 per week

► MMB251 AERODYNAMIC PRINCIPLES
Introductory concepts of fluid mechanics and thermodynamics; conservation of mass, energy and momentum, state properties of fluids, the standard atmosphere. Dimensional analysis; experimental aerodynamics and aerodynamic coefficients, Reynolds number and Mach number effects. Estimating aerodynamic forces and moments. fundamentals of aircraft performance; estimating range and endurance, take off and landing calculations, flight envelopes.
Credit points: 12 **Contact hours:** 4 per week

► MMB252 THERMOFLUIDS
Topics covered in this unit include: operation and testing of engines; first and second laws of Thermodynamics; properties of working fluids including equations and tables; heat engine cycles, compressors and expanders; multi stage compression; laboratory and interests; fluid properties, forces on stationary and moving fluids; flow behaviour, pressure drops, Reynolds number; theory and applications of energy equations; power transmissions in fluids; laboratory.
Courses: IF57, ME36, ME41, ME48, ME42
Prerequisites: MAB188 or MAB132, CEB184 or CEB109
Credit points: 12 **Contact hours:** 6 per week

► MMB273 MANUFACTURING PRACTICE 1
The unit is about acquiring practical skills in basic manufacturing practice and the ability to appreciate the manufacturing processes to assist 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 acquisition of skill in basic manufacturing processes. The content of the unit includes, workplace health and safety, general fitting, welding and metrology.
Courses: ME36 **Prerequisites:** Nil
Credit points: 12 **Contact hours:** 3 per week

► MMB274 MANUFACTURING PRACTICE 2
The 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 NC.CNC and CNC programming.
Courses: ME36 **Prerequisites:** MMB273
Credit points: 12 **Contact hours:** 3 per week

► MMB281 FUNDAMENTALS OF MECHANICAL DESIGN
This introductory design unit covers introduction to mechanical design, design procedure, system and functional approach to design, universal design and design for sustainability, concept development, engineering creativity, load analysis, development of computational scheme, general strength considerations, introduction to fatigue, shaft design, rolling bearing selection and analysis of forces in gear trains. Students also learn Computer-aided Design and Drafting software starting from simple shapes and advancing to 3D modelling.
Courses: ME36, ME41, ME42, ME48
Prerequisites: BNB007 or MMB111 or MMB191
Corequisites: MMB211 **Credit points:** 12
Contact hours: 5 per week

► MMB292 BIOMATERIALS
Topics covered in this unit include: an understanding of the relationships between the properties, failure mechanisms, processing and microstructures of various materials used for medical applications and their interaction with human tissues; an understanding of the fundamentals of the use of materials in a medical environment and an understanding of the fundamentals of materials properties and processing; and consideration of the following: metallic, ceramic, polymeric implant materials; composites as biomaterials; structure-property relationships of biomaterials; tissue response to implants; soft tissue replacements; hard tissue replacements.
Courses: ME48 **Prerequisites:** MMB131
Credit points: 12 **Contact hours:** 4 per week

► MMB300 PROJECT 2T
The aim of this unit is to provide students with the capability to understand mechanical engineering principles and apply them to the formulation and solution of specific engineering problems in design and development tasks. The unit involves the application of mechanical engineering principles and the communication of ideas orally and in the presentation of a formal report.
Courses: ME36
Prerequisites: As determined by Course Coordinator
Credit points: 12

► MMB302 PROJECT 2T
The aim of this unit is to provide students with the capability to understand mechanical engineering principles and apply them to formulate and solve specific engineering problems in design and development tasks. The task may involve investigation in applied research projects or industrial based projects. Students will ac-

quire the ability to communicate solutions orally and in a formal report form .
Courses: ME36
Prerequisites: As determined by Course Coordinator
Credit points: 12

► MMB311 MECHANICS 3
This unit covers two separate Mechanical Engineering disciplines: (i) Study of vibration in machines and structures, (ii) Study of automatic plant control. Students will gain an understanding of transient behaviour of mechanical systems. In many instances it is the transient loads in machines or departures from the design operating condition in process plants that causes mechanical failure or unacceptable departure from product specifications.
Courses: ME41
Prerequisites: MAB133, MMB112
Credit points: 12 **Contact hours:** 6 per week

► MMB312 MECHANICAL MEASUREMENT
This units deals with the need to continuously monitoring the performance of machinery to extend its production capacity. This function requires a knowledge in measurement/ instrumentation systems involving sensors and actuators. The unit covers (a) the basic knowledge of static and dynamic mechanical measurements with an emphasis on the measurement of stress, strain, force, torque, power, vibration and noise, and (b) hands-on experience in static and dynamic measurement techniques and instrumentation for use in industrial applications.
Courses: ME36
Credit points: 12 **Contact hours:** 3 per week

► MMB351 THERMODYNAMICS
Topics covered in this unit include: review of basics: steam cycles and plant; nozzles, impulse and reaction turbines; gas turbines - basic and refined cycles; mixtures and Dalton's Law; refrigeration cycles and plant; chemistry of combustion and water treatment; conduction, convection and radiation; condensation and boiling; forced and free convection; analysis of heat exchangers. Laboratory.
Courses: ME41, ME42
Prerequisites: MMB252, MMB352
Credit points: 12 **Contact hours:** 6 per week

► MMB352 FLUID MECHANICS
This unit provides students with an understanding of unsteady flow in closed conduits, performance of rotodynamic machinery used in fluid systems (including pumps, water turbines and hydraulic transmissions), incompressible flow around solid bodies (including potential flow and boundary layer flow), design and interpretation of hydraulic and pneumatic circuits (including graphical symbols, fluid logic, components of fluid systems) and basic compressible flow (including normal shock waves).
Courses: ME41, ME42
Prerequisites: MAB132, MMB211, MMB252
Credit points: 12 **Contact hours:** 6 per week

► MMB362 BIOFLUIDS
This unit includes consideration of: the particular properties of the fluids that might be encountered in biomedical engineering and an introduction to techniques to analyse their behaviour; the properties of the fluids and their relation to biological function; the relevance of fluid properties to the design of associated equipment; continuity of flow; viscosity and its measurement; Newton's law of viscosity; non-Newtonian fluids; boundary layer theory; dimensional similarity; rheology of biofluids; haemodynamics; pumps and valves for biofluid systems; associated equipment; biotribology and the function of biological joints.
Courses: ME48 **Prerequisites:** MMB252
Credit points: 12 **Contact hours:** 4 per week

► 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 operations; cutting fluid actions and applications; cutting tool materials, geometry and specification; tool life studies; selection of cutting conditions; non-traditional machining processes; introduction to engineering metrology; introduction to casting, welding and metal forming processes; metal forming principles and theories; metal forming analysis techniques, forging, extrusion, rolling and drawing processes; dead metal zone, extrusion defects, defects in rolling, limitations of forging, rolling, extrusion processes; sheet metal operations, press selection, blank layout, spring back, introduction to blanking die design, methods for minimising spring back, introduction to drawing and deep drawing processes.
Courses: IF57, ME36, ME41
Prerequisites: Nil
Credit points: 12 **Contact hours:** 5 per week

► MMB374 DESIGN FOR MANUFACTURING 1
Topics covered in this unit include: introduction to design for manufacturing in the context of concurrent engineering; principles of solid modelling, its importance in a concurrent engineering environment; the idea of rapid prototyping and tooling; introduction to the basic skills in the use of CAD/CAM software for rapid product development. Basic understanding of creating manufacturing specification.
Courses: IF57 **Prerequisites:** Nil
Credit points: 12 **Contact hours:** 5 per week

► MMB381 DESIGN OF MECHANICAL COMPONENTS AND MACHINES
This design unit covers the design of mechanical components and machines. In particular, materials selection in design, fasteners and power screws, riveted, welded and bonded joints, shafts and associated parts, gearing (spur, helical, bevel, worm, cyclo-, and harmonic), clutches, couplings and brakes, cams, springs, frames and housings, design for manufacturability, selection of lubricants and methods of lubrication, machine components interrelationship (case studies). Students also learn solid modelling software and use it in design project to develop a solid model of a transmission.
Courses: ME41, ME42 **Prerequisites:** MMB281
Credit points: 12 **Contact hours:** 6 per week

► MMB382 DESIGN AND MAINTENANCE OF MACHINERY
This design unit covers design of special equipment (conveyors, cranes, feeding and orienting devices), design of mechanical structures, heavy machinery design, design of food processing equipment, design of agricultural equipment, design of machinery exposed to corrosive environmental and extensive heat, fundamentals of friction and wear, design for reliability, machine failure analysis, analysis of case studies of industrial failures, the use of the Anticipatory Failure Determination method for prediction and analysis of failures, practical application of fracture mechanics to failure analysis, machine condition monitoring, maintenance systems, styling and ergonomics in design, Occupational Health and Safety, intellectual property, quality assurance in design and engineering ethics.
Courses: ME41, ME42 **Prerequisites:** MMB281
Credit points: 12 **Contact hours:** 6 per week

► MMB391 BIOMECHANCIAL ENGINEERING SYSTEMS
Topics covered in this unit include: an appreciation of the mechanics of the tissues of the joints (micro mechanics or tissue mechanics) and the function of the body during normal activities (macro-mechanics or biomechanics). This unit is designed to develop an understanding of the complex properties of the individual tissues and practical competencies in the evaluation of human function and performance from a biomechanical perspective. Biomedical engineers require the ability to analyse the mechanics of the human body for applications such as prosthetic design (both artificial limbs and replacement joints), design of assistive devices for people with disabilities, sporting performance, ergonomic tasks, and other health related areas.
Courses: ME48
Prerequisites: CEB109, MB292, MMB211
Credit points: 12 **Contact hours:** 6 per week

► MMB392 BIOENGINEERING DESIGN 2
This unit is structured to further develop the engineering design skills of students, with particular emphasis on the role of computer-aided design (CAD), materials selection, manufacturing processes, assembly and maintenance in the design and management of bioengineering devices. Content includes: design for manufacture, materials selection, computer-aided design and solid modelling; rapid prototyping techniques; maintenance and management of medical devices; case studies of selected medical devices.
Courses: ME48
Prerequisites: MMB291, MMB281
Credit points: 12 **Contact hours:** 5 per week

► MMB400 INDUSTRY PROJECT
Professional engineers are required to manage projects and this unit provides a vehicle for students to undertake a structured, individual project program under supervision and within industry. The BE(Mech) course (like any engineering course) requires that students are capable of using their initiative to manage a major project to satisfactory completion. The project is to be a substantial piece of work relevant to the course and carried out by each student on an individual basis. It is to investigate and analyse a real technological or managerial problem in mechanical engineering and apply solutions that take into consideration both technological and economic factors. Students are required to present seminars and a final thesis.
Courses: ME41, ME42
Prerequisites: As determined by Course Coordinator
Credit points: 48 **Contact hours:** 40

► MMB401 PROJECT
Professional engineers are required to manage projects and this unit provides a vehicle for students to undertake a structured, individual project program under supervision. The BE(Mech) course (like any engineering course) requires that students are capable of using their initiative to manage a major project to satisfactory completion. The project is to be a substantial piece of work relevant to the course and carried out by each student on an individual basis. It is to investigate and analyse a real technological or managerial problem in manufacturing engineering and marketing and apply solutions that take into consideration both technological and economic factors. Students are required to present seminars and a final thesis.
Courses: ME41, ME42
Prerequisites: As determined by Course Coordinator
Credit points: 48

► MMB409 PROJECT
Professional engineers are required to manage projects and this unit provides a vehicle for students to undertake a structured, individual project program under supervision. The BE(Medical) course (like any BE course) requires that students are capable of using their initiative to manage a major project to satisfactory completion. The project is to be a substantial piece of work relevant to the course and carried out by each student on an individual basis. It is to investigate and analyse a real technological or managerial problem in medical engineering and apply solutions that take into consideration both technological and economic factors. Students are required to present seminars and a final thesis.
Courses: ME48
Prerequisites: As determined by Course Coordinator
Credit points: 24

► MMB411 ADVANCED AUTOMATIC CONTROL
Continuous automatic control of mechanical systems is fundamental to the automation of manufacturing and process plant. This subject exposes the student to the practical issues of design of automatic control systems using the 'classical control' theory taught in Mechanics 3.
Courses: ME41, ME42
Prerequisites: MAB133, MMB311
Credit points: 12 **Contact hours:** 4 per week

► 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 in this unit include: introduction to the finite element method; introduction to simple models of material and structural behaviours; the Galerkin finite element approximation technique for model differential equations; finite element and their characteristics; interpolation and shape functions and their relevance in FEA. All students will be introduced to a commercial software package and will carry out analysis of engineering problems using the software.
Courses: ME41, ME42 **Prerequisites:** MMB311
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 of noise and vibration; behaviour and analysis of sound waves, measurement of noise and noise criteria, attenuation from barriers and screens, behaviour of sound in room, sound transmission through partition and noise reduction through partition; vibration generation and transmission, measuring vibration and analysis, instrumentation and vibration condition monitoring, balancing of 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 weight critical applications; light alloy - aluminium and its alloys, principles of age hardening, aluminium-lithium alloys, issues in processing aluminium; light alloys - magnesium alloys, titanium alloy groups and uses (including issues in processing and titanium metallurgy; fibre composite materials - 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, structure-property relationships, defects in ceramics, ceramic processing; special topic - related to current research in the field (eg case study in technology development: materials development for energy efficient windows).
Courses: ME41, ME42
Prerequisites: MMB232, MMB234
Credit points: 12 **Contact hours:** 4 per week

► MMB450 AIR CONDITIONING
Topics covered in this unit include: detailed analysis of psychrometric and refrigeration cycles; calculation of building cooling loads; air conditioning and refrigeration plant machinery and heat exchangers; ductwork design; application in systems operation.
Courses: ME41, ME42 **Prerequisites:** MMB252
Credit points: 12 **Contact hours:** 4 per week

► MMB451 ENERGY MANAGEMENT
Topics covered in this unit include: the systematic process by which energy use is monitored and analysed; individual treatment of electricity, fuels and their properties, compressed air, buildings, cycle requirements, pinch technology, energy recovery equipment; financial analysis of proposals. Environmental aspects will be considered for each topic.
Courses: ME41, ME42 **Prerequisites:** MMB252
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 control of fluid flow via pumps and valving, support systems and pipe stressing), pressure vessels such as heat exchangers, cooling towers and introduces students to the pumping of slurries, according to relevant codes.
Courses: ME41, ME42
Prerequisites: MMB351, MMB352
Credit points: 12 **Contact hours:** 4 per week

► MMB470 ENGINEERING ASSET MANAGEMENT & MAINTENANCE
Engineers are often involved in the management of substantial amounts of plant, machinery and similar assets. In today's capital-intensive industries, maintenance is a major cost element, and the efficiency of operations is heavily influenced by equipment reliability and maintenance effectiveness. The engineer needs to know how to organise maintenance and how to create and implement effective asset management and maintenance plans. This unit includes: engineering asset management policy statement; overhaul and replacement of engineering assets; organisation for maintenance; maintenance planning and control; failure mode and effect analysis, reliability, maintainability and availability analysis, risk assessment and spare parts inventory management..
Courses: ME41, ME42, ME43, ME48
Prerequisites: Nil
Credit points: 12 **Contact hours:** 4 per week

► MMB471 COMPUTER INTEGRATED MANUFACTURING
Topics covered in this unit include: introduction of the concepts of strategic planning for computer integrated manufacturing; concepts of advanced manufacturing technologies and the various components of computer integrated manufacturing system; the importance of concurrent engineering in the context of CIM; introduction to the principles of modelling and simulation techniques as a design and evaluation tool for manufacturing systems.
Courses: IF57, ME41, ME42
Prerequisites: Nil
Credit points: 12 **Contact hours:** 4 per week

► MMB472 DESIGN FOR MANUFACTURING 2
Topics covered in this unit include: basic concepts in the analysis of a mechanical engineering design relating the design requirements to a range of manufacturing processes; an understanding of the complete manufacturing specifications for mechanical designs based on functional requirements, manufacturing processes, interchangeability and standardisation; introduction to the basic principles in the design of jigs and fixtures in manufacturing.
Courses: IF57, ME41, ME48, ME42
Prerequisites: Nil
Credit points: 12 **Contact hours:** 4 per week

► MMB476 OPERATIONS MANAGEMENT
This unit develops student's ability in applying quantitative techniques in solving different types of industrial operations problems. Topics include: product mix, assignment and transportation models; location and layout decisions, job design analysis; project planning; quality control and the use of simulation in operations management.
Courses: ME41, ME42 **Prerequisites:** Nil
Credit points: 12 **Contact hours:** 3 per week

► MMB478 MECHATRONICS SYSTEMS DESIGN
This unit develops the student's ability in applying design for assembly manufacturing concepts and practical issues of design of automatic control systems for various applications. Topics are organised in two modules. Module 1: design for manufacturing processes and materials; sand casting; permanent mould casting; die casting and investment casting; design for forgings; sustainability in manufacturing; applications and programming of programmable controllers and computer based comminations in control of manufacturing and information systems in manufacturing. Module 2: essential components of hydraulic and pneumatic systems; hydraulic pumps, motors, valves, cylinders, accumulators; hydraulic system design and other related issues will be discussed.
Courses: ME40
Prerequisites: MMB371, MMB252
Credit points: 12 **Contact hours:** 4 per week

► MMB492 HEALTH LEGISLATION AND THE MEDICAL ENVIRONMENT
This unit provides an introduction to the types of legislative control in the health and medical industries. It highlights the minimum requirements in relation to the role of medical engineers and their contribution to successful and ethical relationships with medical, health legislative and regulatory affairs professionals. Content includes: national and international legislative controlling bodies and codes (EC, TGA, FDA); structure and sources of legal system (State and Federal); Good Manufacturing Practice (GMP); ISO9000 Quality Systems; Total Quality Management; ethics committees and clearance; industry case studies.
Courses: ME48 **Prerequisites:** Nil
Credit points: 12 **Contact hours:** 4 per week

► MMB494 REHABILITATION EQUIPMENT DESIGN AND EVALUATION
Bioengineers working in the rehabilitation area require an understanding of the criteria associated with the needs and design of specific items of equipment for rehabilitation and the functionally impaired. The means of evaluating equipment performance in a clinical context is also needed because of the insight and feedback that it provides in the design cycle and the clinical implications of the design. This unit introduces students to many different areas of rehabilitation and the design of equipment to assist people with disabilities. There will be formal lectures and tutorials, some of which will be presented by practitioners from the different areas of rehabilitation. In addition, students will spend time on a clinical experience program working with a rehabilitation engineering team.
Courses: ME48 **Prerequisites:** Nil
Credit points: 12 **Contact hours:** 4 per week

► MMB496 MODELLING AND SIMULATION FOR MEDICAL ENGINEERS
Computational modelling and simulation are widely used in engineering in general, and in specific areas of medical engineering. Modelling can described as the process of determining analytical representations of physical elements for the purpose of investigating kinematic, kinetic and structural properties and performance. Content includes: introduction to MATLAB programming techniques; process of model creation; methods of analysis of determinate and indeterminate systems; simulation techniques and examples of advanced applications.
Courses: ME48 **Prerequisites:** MMB391
Credit points: 12 **Contact hours:** 4 per week

► MMB574 DESIGN FOR MANUFACTURING 3
Topics covered in this unit include: design for manufacturing processes and materials - sand casting, permanent mould casting, die casting and investment casting, design for forgings, design for plastics and composites, design for joining and welding, design and performance of welded joints, design of press tools for sheet metal with special emphasis on progressive die design; integration of design and manufacture; tool and die failures, material selection for different tool design applications; working experience on design for assembly and design for manufacture systems.
Courses: IF57 **Prerequisites:** MMB372
Credit points: 12 **Contact hours:** 4 per week

► NRB100 ENVIRONMENTAL SCIENCE
General features of the aquatic, atmospheric, and terrestrial systems will be described. This will incorporate the main chemical, physical, and biological processes that influence their development. The evolution of these systems, and their interaction, will be considered. The human involvement is then examined, and its type, extent, and impact. To give some relevance to the global concepts presented, a range of examples will be given for the Australian environment and its resources, and human interaction with them.
Courses: ED50, SC01
Credit points: 12 **Contact hours:** 4 per week

► NRB230 PLANET EARTH
Focuses on geological principles, formation and classification of minerals, rocks and soil, the origin of the Earth and the solar system, stratigraphy, geological time, dating and geological history, fossils, structural geology and plate tectonics, and economic and applied geology.
Courses: ED50, SC01
Credit points: 12 **Contact hours:** 4 per week

► NRB232 ENVIRONMENTAL GEOLOGY
This unit covers landforms, their setting and distribution, and the weathered mantle of the earth, the regolith, and related to the various processes of physical and chemical weathering, erosion, mass wasting, subsidence and effects of climate. Drainage system morphology and patterns, catchment forms and processes within rivers are considered. Of major significance are the various types of hydrological processes, especially those at the land and water interface; the fundamentals of groundwater occurrence are explained. Volcanic terrains are considered, as well as the distribution of volcanoes, type, products and impacts. Large-scale factors such as global climate change and its implication are considered. The concepts of earth systems and scale are also considered. Other topics covered include coastal zones and estuaries, and general features of land management.
Courses: SC01
Prerequisites: NRB100 or NRB230, PCB142
Credit points: 12 **Contact hours:** 4 per week

► NRB270 ANIMAL AND PLANT STRUCTURE AND FUNCTION
Emphasises the integration of major biochemical and physiological process within functioning organisms. Aspects of energy flow (photosynthesis and respiration) are considered. The structure of major organs and organ systems is described and related to their function. The regulation and coordination of organism function via biological feedback mechanisms, nervous and/or hormonal systems is outlined.
Courses: ED50, SC01
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, analytical protocols). Some principles of ecological monitoring.
Courses: SC01
Prerequisites: 72 credit points of science units
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: ecology of individuals, dynamics of single populations, life history and demography, interactions within and between populations, population regulation, behavioural ecology and plant ecology.
Courses: ED50, SC01
Prerequisites: NRB100 or LSB118
Credit points: 12 **Contact hours:** 4 per week

► NRB312 EXPERIMENTAL DESIGN
Emphasises practical considerations of field and laboratory-based experimentation in ecology, and provides experience in problem assessment, definition, formulation of testable hypotheses and experimental design.
Courses: SC01 **Prerequisites:** MAB101
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 depositional environments. The analysis of maps and sedimentary successions is approached using sediment type, stratigraphy, and biostratigraphy. Applications considered cover environmental studies, coastal and land management, and mineral, petroleum and other resource assessment.
Courses: SC01
Prerequisites: NRB230 **Corequisites:** NRB333
Credit points: 12 **Contact hours:** 4 per week

► NRB333 MINERALOGY
Crystallography, symmetry, Miller indices, axial ratios, crystal forms, classes, systems, lattices, unit cell, crystal chemistry, crystal growth and defects, atomic structure, periodic table, ions and packing, Pauling's rules, bonding and mineral properties, substitution, solid solution, polymorphism, pseudomorphism. Classification of minerals; systematic treatment of the physical, chemical and structural properties of minerals; techniques of mineral analysis; theory and identification of minerals in transmitted light; optical properties and identification of minerals in thin section, and grain mounts.
Courses: SC01
Credit points: 12 **Contact hours:** 4 per week

► NRB334 MINERAL DEPOSITS AND MINE GEOLOGY
Introduces the main ore concentration mechanisms, according to classical and modern ore genesis theory; and the role of the mine geologist. Economic materials are studied under the headings: Mineralogy, genesis, use and value, mining methods, beneficiation, major overseas deposits, Australian deposits. A comprehensive range of metalliferous and non-metalliferous deposits are examined.
Courses: SC01
Prerequisites: NRB230 **Corequisites:** NRB333
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, behaviour, and life histories. These will be viewed in an evolutionary context. A brief overview of the diversity, phylogeny, and classification of invertebrates will be provided. Consideration will be restricted to the levels of superphylum and phylum.
Courses: SC01 **Prerequisites:** NRB270
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 images and learning experiences to show you how plants evolved into some of the most enormous organisms on the planet. Ever wanted to visit a forest essentially unchanged for 80 million years? Join us for a virtual tour - we'll 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 our weather person reports a 20% chance of comets and heavy rain with intermittent volcanic activity - oh, and also the first plants to colonise the land.
Courses: ED50, SC01 **Prerequisites:** LSB118
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 study of environmental systems, focussing 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
Prerequisites: 72 credit points of science units
Credit points: 12 **Contact hours:** 4 per week

► NRB410 GENETICS AND EVOLUTION
This unit provides a basic understanding of the mechanisms of inheritance using Mendelian Genetics as a foundation. These principles are extended to develop a clear understanding of the mechanisms and processes that drive evolution in natural populations. Topics include the physical basis of heredity, Mendelian and non-Mendelian inheritance patterns, genotype/environment interactions, quantitative traits, evolutionary theory, adaptation and natural selection, sexual selection and the evolution of life histories.
Courses: ED50, SC01 **Prerequisites:** LSB118
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
Prerequisites: NRB311, NRB312
Credit points: 12 **Contact hours:** 4 per week

► NRB434 STRUCTURAL GEOLOGY AND FIELD METHODS
Considers the deformation of geological materials and includes the geometry of map-scale structures. Covered in the unit are classes of structures: description and analysis of joints, faults, folds, boudinage, cleavage, foliations, and lineations. Also examined are principles of deformation: normal and shear stress, brittle fracture, strain and rigid motion, brittle and plastic deformation, measurement of strain, 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 geologic reports.
Courses: SC01
Prerequisites: MAB100, NRB230, NRB331
Corequisites: NRB432
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 deposits.
Courses: SC01 **Prerequisites:** NRB430
Credit points: 12 **Contact hours:** 4 per week

► NRB436 INTRODUCTION TO IGNEOUS AND METAMORPHIC PETROLOGY
An introduction to the description, classification and origin of igneous and metamorphic rocks. Practical development of lithologic and petrographic abilities to identify mineral assemblages, classify rocks, and interpret textures. Field and theoretical constraints on the petrogenesis of rocks are discussed in lecture. Field study is an essential component of the unit.
Courses: SC01 **Prerequisites:** NRB333
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: NRB432
Campus offered: GP **Semester offered:** 1

► NRB440 ENVIRONMENTAL CHEMISTRY
Introduction to biogeochemical cycles. Natural water bodies - oceans, flowing and non-flowing surface water, ground water. Solutes and equilibria in natural water, chemistry of water pollutants. Indicators of water quality. The atmosphere - structure and energy balance, air pollutants. Hazardous substances in the environment. Introductory ecotoxicology. Chemistry of the regolith and soils, biogeochemical weathering processes.
Courses: SC01 **Prerequisites:** PCB142
Credit points: 12 **Contact hours:** 4 per week

► NRB470 VERTEBRATE BIOLOGY
The core modules for this unit cover evolution and physiological capabilities (with particular emphasis on the brain). Other modules provide opportunities to enhance your knowledge of particular aspects of vertebrate biology of interest to you, or to learn how to identify Australian vertebrates.
Courses: ED50, SC01 **Prerequisites:** NRB270
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. Models will be developed to study the function of simple environmental processes by adopting a systems approach. This approach will be presented as a foundation for informed environmental management.
Courses: SC01 **Prerequisites:** NRB400
Credit points: 12 **Contact hours:** 4 per week

► NRB501 MAPPING AND MODELLING OF NATURAL RESOURCE DATA
An introduction to the concepts, theory and practice of GIS essential to the understanding of spatial data analysis methods in environmental and natural resource related applications. Key elements of GIS examined are: map projections, coordinate systems, geographic data structures, data acquisition, data visualisation, error handling, and environmental decision support. Practical work uses database software and a GIS package to solve spatial analysis problems within a natural resource management contact. Critical analysis, problem solving, written communication and time management skills are embedded within the curriculum.
Courses: ED50, SC01
Prerequisites: 72 credit points of Science units
Credit points: 12 **Contact hours:** 4 per week

► NRB510 POPULATION GENETICS
An extension of NRB410 Genetics and Evolution. Topics include: the genetic structure of populations and processes of evolutionary change; natural selection, inbreeding and adaptation, species and speciation theory; ecological genetics and the genetics of behaviour.
Courses: SC01 **Prerequisites:** NRB410
Credit points: 12 **Contact hours:** 4 per week

► NRB511 POPULATION MANAGEMENT
Develops the theoretical treatment of populations as a unit of study and integrates the content of previous ecology units into approaches for the management of biological populations. The unit focuses on those population/resource interactions that are relevant to conservation, harvesting and pest control.
Courses: SC01
Prerequisites: NRB311, NRB411
Credit points: 12 **Contact hours:** 4 per week

► NRB533 ADVANCED GEOLOGICAL MAPPING
A field excursion of approximately 3 weeks duration, conducted during the semester break. The excursion emphasises geological mapping skills in lithologically and structurally varied regions. Past excursions have focussed on the Mt Isa region and have been run in collaboration with the University of Queensland. Lectures and tutorials prior to the excursion review and develop mapping and geological interpretation techniques. Students are expected to cover their transport expenses to the field site, as well as accommodation and food costs during the excursion.
Courses: SC01 **Prerequisites:** NRB431
Corequisites: NRB530, NRB531
Credit points: 12
Contact hours: 1 per week plus 3 week field trip

► NRB535 GEOLOGY OF FOSSIL FUELS
Focuses on: coal properties, classification, genesis, and analysis; coal hand specimen studies and microscopy; hydrocarbon generation from coal and oil shale; coalfield geology and subsurface mapping techniques; basin analysis; coal production and economics; origin and characteristics of petroleum fluids, including generation, accumulation and migration through time and space; study of structural and stratigraphic traps, and reservoir rock characteristics; application of drilling, logging, and geophysical and correlation techniques, including seismic stratigraphy; economics of petroleum production.
Courses: SC01 **Prerequisites:** NRB331
Credit points: 12 **Contact hours:** 4 per week

► NRB536 PETROLOGY AND GEOCHEMISTRY
Through lecture, discussion and problem solving exercises, this unit introduces the application of geochemistry, phase equilibria, and thermodynamics to understand the origin and evolution of igneous and metamorphic rocks. Problem-solving exercises synthesise field, petrographic and geochemical data to develop quantitative petrogenetic models and enhance critical thinking and written communication skills. Field study is an important component of this unit.
Courses: SC01 **Prerequisites:** NRB436
Credit points: 12 **Contact hours:** 4 per week
Incompatible with: NRB530
Campus offered: GP **Semester offered:** 1

► NRB571 MARINE BIOLOGY
This unit gives a general overview of marine ecosystems and their importance to humankind. The unit aims to stimulate thought, and to generate ideas, by reviewing the range of approaches taken to manage, and conserve, marine resources. Emphasis will be given to Australian coastal marine systems: their importance, care, and abuse. The unit will involve a compulsory 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 examines the key physical and biological processes that influence the range of terrestrial ecosystems. It examines the geological, climatic and historical processes that have shaped the evolution and ecology of Australia's terrestrial ecosystems and the ecological properties of natural and human modified systems. Content includes the significant phases in the evolution of the Australian flora and fauna, principal components and adaptations of the modern Australian flora and fauna, theories pertinent to explanations of biogeographical distributions, soil formation, structure and biology, physical processes in terrestrial systems, structure and characteristics of terrestrial ecosystems, and terrestrial ecosystem case studies.
Courses: ED50, SC01
Prerequisites: NRB371 or NRB311
Credit points: 12 **Contact hours:** 4 per week

► NRB600 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 policy for environmental management provides a focus and the underlying themes for this unit. Environmental management aims for 'sustainability' which is multifaceted. Environmental policy must be founded on scientific knowledge about the environment, but to be effective, it must also be integrated with social, economic, political and technological policies. Therefore, this unit discusses contemporary environmental management issues and the associated linkage between these, scientific information and environmental decision-making.
Courses: ED50, SC01
Prerequisites: 12 credit points in Level 3 science units, NRB400 recommended
Credit points: 12 **Contact hours:** 4 per week

► NRB610 ECOLOGICAL APPLICATIONS
This unit integrates the content of a number of previous and concurrent ecology units into applied approaches to the management of populations and systems. The unit employs concepts from Population Ecology, Population Management and Conservation Biology and builds methodologies and concepts necessary for an applied approach to conservation and pest management issues. A field trip provides the vehicle for developing these themes. Content includes the collection, collation and preparation of biological resource 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: NRB511 or NRB510
Credit points: 12 **Contact hours:** 4 per week

► NRB611 CONSERVATION BIOLOGY
Conservation Biology is the application of ecological theory and principles to the problem of the maintenance of viable populations of rare, threatened or endangered species, or ecological systems. The unit integrates ecological and genetic material covered in earlier units to provide an understanding of factors that enable the maintenance or enhancement of populations. The unit examines biodiversity and its determinants, the process of extinction, population viability analysis and the diagnosis and treatment of population declines, habitat fragmentation, meta-population processes and the design of natural reserves, and conservation genetics.
Courses: SC01
Prerequisites: NRB311, NRB410
Credit points: 12 **Contact hours:** 4 per week

► NRB630 EXPLORATION GEOLOGY
Focuses on: design of mineral exploration programmes, target generation, evaluation, time and budget schedules, 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
Main focus on: the origin, occurrence and movement of groundwater; aquifer properties; chemistry and quality of groundwater; exploration methods for groundwater; drilling methods and equipment and well testing equipment; well hydraulics and testing, and flow calculations; assessment of groundwater problems - both supply and quality; modelling approach to groundwater assessment. Students will obtain practical experience with pump tests, chemical analysis of waters and will be given introduction to computer modelling. There will be interaction with government and private sector hydrogeologists, and field site visits.
Courses: SC01 **Prerequisites:** NRB232
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 and absolute plate movements, stresses of plate interactions, types of plate boundaries, and orogenesis. Examines the development of the most important geologic theory of the 20th century
Courses: SC01
Prerequisites: NRB331, NRB432, NRB434, NRB534
Credit points: 12 **Contact hours:** 4 per week

► NRB636 STRATIGRAPHY AND BASIN ANALYSIS

Focuses on advanced facies analysis, stratigraphy, and basin analysis. Facies and sequence models for the dominant depositional systems will be explored with emphasis on how they change owing to temporal shifts in tectonic, eustatic and climatic parameters. Integrated lithostratigraphic, biostratigraphic, geophysical, and geochemical data sets will be introduced as fundamental aspects of basin analysis.
Courses: SC01 **Prerequisites:** NRB333
Credit points: 12 **Contact hours:** 4 per week

► NRB640 PHYSICAL CHEMISTRY OF THE ENVIRONMENT
Develops the more advanced aspects of physical and chemical processes in the ambient environment, with a specific focus on thermodynamics, chemical equilibria and kinetics. The emphasis will be on the development, validation and application of different analytical and numerical models.
Courses: SC01
Prerequisites: NRB440, PCB305
Credit points: 12 **Contact hours:** 4 per week

► NRB672 MARINE AND FRESHWATER ECOSYSTEMS
This unit examines the structure and function of marine and freshwater ecosystems. Aquatic ecosystems cover the majority of the planet and their management is important in terms of maintaining water quality for human utilisation, harvesting resources, and for species conservation. The unit emphasises the physical and ecological properties that are common to all aquatic systems, but also identifies those properties that are unique to particular systems. Content will cover aquatic ecosystems, their different forms and extent, the chemical and physical properties of aquatic environments, circulation and transport processes 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: SC60 **Credit points:** 60

► NRB730 RESEARCH METHODS & STRATEGIES
Two-semester unit with its main focus to develop the research planning, abilities and skills of the student. The major assessable components are: literature review, seminars, informal presentations and discussions on subjects relevant on the research topic, and advanced skills workshops and exercises.
Courses: SC60
Credit points: 24 **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 inquiring and analytical thought at an advanced level. The unit may be conducted in the first part of semester 1, or could be conducted over two semesters.
Courses: SC60 **Credit points:** 12

► NRN100 READINGS IN NATURAL RESOURCE SCIENCES 1
A review of literature in an area of direct relevance to the research project. The review should be designed in conjunction with the supervisor and demonstrate: a broad appreciation of the literature, a critical appraisal of research to date and the relevance of the research project within the framework of current understanding. Reviews should normally be approximately 5,000 words.
Courses: IF49, SC80, SC71 **Credit points:** 12

► NRN101 READINGS IN NATURAL RESOURCE SCIENCES 2
A companion unit to NRN100 that allows students to (a) prepare a review of a second area relevant to the research project or (b) consider a wider subject area in greater depth. If option (b) is chosen, a single review can qualify as total assessment for both NRN100 and NRN101. In this case, the review should normally be approximately 10 000 words and be a critical analysis of a substantial research area.
Courses: IF49, SC80, SC71
Prerequisites: NRN100 **Corequisites:** NRN100
Credit points: 12

► NRN102 SEMINARS IN NATURAL RESOURCE SCIENCES 1
A public seminar plus an extensive discussion period designed to provide positive feedback from staff and students on the proposed research project. The presentation should be designed in conjunction with the supervisor and include: background to the project area, specific objectives of the proposed project, methodology to be followed and possible outcomes. The seminar should normally be presented after the project outline has been developed and before any significant amount of research has been undertaken.
Courses: IF49, SC80, SC71 **Credit points:** 12

► NRN103 SEMINARS IN NATURAL RESOURCE SCIENCES 2
A public seminar plus an extensive discussion period designed to provide positive feedback from staff and students on the progress of the research project. The presentation should be designed in conjunction with the supervisor and include: project objectives, progress to date, preliminary data and problems for discussion. The seminar should normally be presented within 12 months (full-time) or 24 months (part-time) of commencement of the postgraduate program.
Courses: IF49, SC80 **Prerequisites:** NRN102
Credit points: 12

► NRN104 ADVANCED TOPICS IN NATURAL RESOURCE SCIENCES 1
Students develop an advanced understanding of a topic in the natural resource sciences that is highly relevant to the general area of their proposed research project. The structure and content is variable and can be tailored to the specific requirement of each project and the background of the student. A formal outline of the unit including objectives, content and assessment relevant to the individual course of study will be developed by the supervisor and approved by the Head of School. Content may include active participation in tutorials, workshops, laboratory/field techniques and components of advanced level undergraduate units. If components of advanced level undergraduate units are included, they should not contribute more than 70% of the total assessment.
Courses: IF49, SC80, SC71 **Credit points:** 12

► NRN105 ADVANCED TOPICS IN NATURAL RESOURCE SCIENCES 2
A companion unit to NRN104 that allows students to study a second area relevant to their area of study. The material presented in this unit must be distinct from that covered in NRN104. Students develop an advanced understanding of a topic in the natural resource sciences that is highly relevant to the general area of their proposed research project. The structure and content is variable and can be tailored to the specific requirement of each project and the background of the student. A formal outline of the unit outlining objectives, content and assessment relevant to the individual course of study will be developed by the supervisor and approved by the Head of School. Content may include active participation in tutorials, workshops and laboratory/field techniques and components of advanced level undergraduate units. If components of advanced level undergraduate units are included, they should not contribute more than 70% of the total assessment.
Courses: IF49, SC80, SC71 **Credit points:** 12

► NSB113 VALUES, CULTURE & DIVERSITY
This unit will introduce students to the interrelationships between philosophical principles, cultural values, health behaviours and nursing. It will encourage students to consider their own values and the way in which these may impact on their interactions with patients/clients and will present a model for developing cultural safety within their nursing practice. A number of examples from contemporary Australian society will be drawn upon to enable students to understand health events and practices such as birth, health, illness, nutrition and communication from a range of perspectives.
Courses: NS40, NS48
Credit points: 12 **Contact hours:** 3 per week

► NSB117 NURSING AND THE HEALTH CARE SYSTEM
The evolution of nursing as a discipline, contemporary roles of the nurse, the professional context of nursing practice, and caring and nursing practice are addressed in this unit. Content also includes health and wellness, the health-illness continuum, models of health and illness, and the structure and function of the Australian health care system including characteristics of Australia's health care system.
Courses: NS40, NS48
Credit points: 12 **Contact hours:** 3 per week

► NSB118 HEALTH ASSESSMENT AND NURSING PRACTICE
This unit provides an introduction to critical thinking, problem solving and decision-making in nursing practice; and the nursing process and nursing practice; and the nursing process and nursing practice. It considers the role, purpose and scope of nursing assessment for individuals and groups; principles and methods of data collection including symptom/problem exploration; frameworks for data collection; introduction to principles and methods of data analysis; and documentation and presentation of client data.
Courses: NS40, NS48, HL40, HL46
Credit points: 12

► NSB122 CLINICAL PRACTICE 1
This is the first in a series of five clinical practice units that provide the opportunity to experience the practice of nursing in real world settings and to develop the knowledge, attitudes and skills required for safe, competent practice as a beginning level registered nurse. This unit focuses on providing basic care to patients in hospital considering promoting a safe environment for patient care; managing basic care needs of patients and assisting with activities of daily living.
Courses: NS40, HL40, HL46 **Credit points:** 12
Contact hours: Includes two weeks off-campus clinical experience

► NSB212 CLINICAL PRACTICE 2
The main areas of content in this unit are: promoting a safe environment for client care, managing more complex patient care needs, and developing a professional approach to practice. Concepts addressed within these areas include; sterile techniques, barrier/reverse barrier nursing, principles of wound management, administration of parenteral medications; problem solving and decision making principles applied to the care of individuals with medical-surgical and mental health dysfunctions; clinical nursing therapeutics related to wound management, administration of fluid and nutritional therapies and techniques to promote oxygenation; principles of milieu, individual, group and family therapy in promoting mental health; values clarification and the provision of nursing care, legal and ethical dimensions of practice, prioritisation of patient care and time management.
Courses: NS40, HL40, HL46
Prerequisites: NSB122 **Credit points:** 12
Contact hours: Includes four weeks off-campus clinical experience

► NSB222 CLINICAL PRACTICE 3
This unit continues to develop skills in identifying health problems, developing plans of nursing 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 administration of blood and blood products, 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: NSB212 **Credit points:** 12
Contact hours: Includes four weeks off campus clinical experience

► NSB223 MENTAL HEALTH NURSING
Nurses need to be able to identify and care for people suffering from mental health problems. Topics addressed in this unit include the mental health continuum and major theoretical approaches to mental illness; understanding and nursing people across the lifespan who suffer from anxiety disorders, personality disorders, bipolar disorder, depression, schizophrenia, substance use and abuse, cognitive impairment disorders, eating disorders; the nurse's role with respect to treatment modalities and assessing mental status; and the experiences of persons living with a mental illness and families caring for someone with a mental illness.
Courses: NS40, NS48,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 purpose of research, the relationship between research and nursing practice, the notion of nursing knowledge, the process of research, ethical issues related to research and strategies for critiquing research reports. Particular emphasis will be placed on selected methodologies that are used to research nursing practice, and quantitative and qualitative data collection and data analysis.
Courses: NS40, NS48
Credit points: 12 **Contact hours:** 3 per week

► NSB225 PROMOTING HEALTH ACROSS THE LIFESPAN
Concepts addressed in this unit include the exploration of health and wellbeing for individuals throughout the lifespan, families and communities; nursing models of health promotion; factors that influence health beliefs and behaviours, and the capacity to maintain health; principles of health teaching; working with individuals and groups to promote health; the role of the nurse in promoting health with people of all ages (children, adolescents, adults and the elderly), families across the life cycle and groups; promoting health and well being for dying clients and their families.
Courses: NS40, NS48, HL40, HL46
Prerequisites: Nil
Credit points: 12 **Contact hours:** 3 per week

► NSB312 FAMILY AND COMMUNITY NURSING
Advances in health care provision and consumer participation in health care offers nurses the opportunity to practice in many contexts including the community. Community and family nursing practice interfaces with care provided to individuals in hospital care. Families are an integral component of care in all contexts and so nurses need to focus care with individuals, the family and the community. Nurses working within a Primary Health care framework and approach to health care need to further develop nursing skills to work effectively with population groups, building and supporting the community in determining their own health care and lifestyles.
The unit focuses on family assessment and intervention. Community assessment and intervention is also studied in the context of a Primary Health Care philosophy and health promotion framework that addresses the five action areas of the Ottawa Charter to provide an opportunity for students to develop knowledge and skills in the broadest context of health. 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 areas and equally to those who want to further explore issues related to the integration of hospital and community care.
Courses: NS40
Credit points: 12 **Contact hours:** 3 per week

► NSB321 PROFESSIONAL NURSING DEVELOPMENT
Highlights the explicit link between clinical practice and theoretical knowledge. Post-registration and final semester pre-registration students will be assisted to further develop skills in reflective practice and peer consultation as strategies to support a more critical approach to clinical practice. A variety of topics will be addressed through a combination of self-directed learning activities and small group discussion sessions.
Courses: NS40, NS48, HL40, HL46
Prerequisites: NSB501
Credit points: 12 **Contact hours:** 3 per week

► NSB322 CLINICAL PRACTICE 4
This unit facilitates the development and application of knowledge and skills necessary for the provision of nursing care in medical/surgical health settings at an advanced level. The unit includes four weeks of off-campus placement. Emphasis is placed on students' communication skills, critical thinking and decision-making skills, technical skills and professional development skills, and the assumption of increased responsibility for patient care.
Courses: NS40, HL40, HL46
Prerequisites: NSB222
Credit points: 12
Contact hours: 4 weeks off-campus clinical practice

► 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, care management skills and awareness of professional attributes and values.
Courses: NS40, HL40, HL46
Prerequisites: NSB322
Credit points: 12
Contact hours: 8 weeks off-campus clinical experience

► NSB324 MEDICAL-SURGICAL NURSING 1
The unit explores nursing assessment, care planning and care evaluation necessary for the provision of sound, safe nursing care for people in hospital and home-based settings with health problems related to neurological, sensory, musculo-skeletal dysfunctions, and infectious and immune related disorders. Issues addressed will include peri-operative nursing; acute and chronic pain management; the unconscious patient, post-stroke rehabilitation, and degenerative neurological conditions such as multiple sclerosis, sensory impairment and orthopaedic problems. Principles of nursing people with infectious and immune related disorders will also be covered.
Courses: NS40, HL40, HL46
Prerequisites: NSB118
Credit points: 12 **Contact hours:** 3 per week

► NSB421 INDEPENDENT STUDY
Provides the opportunity for students to independently explore a specific area of interest in nursing. The emphasis is on the further development of research and analytical skills and the ability to assimilate a substantial body of materials and subordinate them to a clearly formulated argument.
Courses: NS40,HL40 **Prerequisites:** Nil
Credit points: 12

► NSB421 INDEPENDENT STUDY
This unit provides students the opportunity to independently explore a body of literature and/or research relevant to an area of interest in nursing. The unit enables students to extend their knowledge and understanding of a topic that is not specifically addressed elsewhere in the course. The emphasis, in this unit, is on the development of independent research, study and analytical skills. These skills are demonstrated first, in an assimilation of a range of materials into a clearly formulated written argument and second, in an oral presentation and discussion of the study material.
Courses: NS40
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 integumentary dysfunctions. Issues addressed will include diabetes mellitus, renal failure, inflammatory bowel disorders, and burns and wound management.
Courses: NS40, HL40, HL46
Prerequisites: NSB324, NSB118
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

► NSB500 MEDICAL-SURGICAL NURSING 3
The content of this unit will address nursing assessment, care planning and care evaluation necessary to provide sound, safe nursing care for people in a variety of settings with complex acute and/or long term health concerns and issues related to cardiovascular, respiratory and oncological dysfunctions. Particular emphasis will be placed on life threatening illnesses and the provision of high dependency and palliative nursing care. Contemporary research and 'best practice' guidelines will underpin the content of this unit.
Courses: NS40, HL40, HL46
Prerequisites: NSB324, NSB423
Credit points: 12 **Contact hours:** 3 per week

► NSB501 POLITICS, TECHNOLOGY AND NURSING
This unit provides an opportunity for students to develop and extend their knowledge about issues that directly inform the role of the health care practitioner. The framework of the unit is the political nature of nursing and the unit content addresses key processes and factors that are impacting on and reshaping nursing practice and health care provision. the subject areas include the changing nature of health care and nursing organisational and educational structures and rapid changes in technology. These political and technological changes require nurse practitioners to continually re-evaluate the contexts of their practice.
Courses: NS40, NS48, HL40, HL46
Prerequisites: Nil
Credit points: 12 **Contact hours:** 3 per week

► NSB600 INTRODUCTION TO NURSING CHILDREN AND CHILDBEARING FAMILIES
This unit provides an overview of the theoretical concepts and clinical application principles for practice in the areas in providing nursing and midwifery care for children and childbearing families. The emphasis is upon the childbearing process and the developmental stages of childhood and family dynamics. This is viewed as a normal process of growth and development, which will be affected by social, economic, legal and cultural factors. The focus will be on the promotion and maintenance of health.
Courses: NS40, HL40
Prerequisites: All 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 concept of pain and explores aspects of the nurse's role in relation to pain relief. It builds on introductory concepts that have been addressed earlier in the program through more detailed exploration of, and reflection upon selected concepts.
Courses: NS40 **Prerequisites:** NSB500
Credit points: 12 **Contact hours:** 3 per week

► NSB603 INTRODUCTION TO CARDIOTHORACIC NURSING
Cardiovascular disorders are commonly encountered by nurses practicing a variety of clinical settings. This unit provides an overview of cardiothoracic nursing and encompasses theoretical concepts specific to this specialty as well as related clinical skills. It builds on introductory concepts that have been addressed earlier in the program through more detailed exploration of and reflection upon selected concepts.
Courses: NS40, HL40 **Prerequisites:** NSB500
Credit points: 12 **Contact hours:** 3 per week

► NSB604 INTRODUCTION TO DEMENTA AND FAMILY CARE
The growing challenges of caring for increasing numbers of older people experiencing dementia is well documented. Through a focus on Alzheimer's Disease this unit will assist you to respond to the challenges of caring for older people with dementia, and their families, in a community health context.
Courses: NS40, HL40 **Prerequisites:** Nil
Credit points: 12 **Contact hours:** 3 per week

► NSB605 NURSING IN A TECHNOLOGICAL WORLD
Technology is of extraordinary importance to nursing and is significant to understanding and practicing within contemporary health care contexts. Nurses are responsible for an increasingly technological orientated health care system dominated by administrative and bureaucratic structures. Nurses in all specialties of practice are required to care for their patients and develop technical knowledge and skills. Nurses are required to not only manipulate machinery and interpret the world around us but also take on increasingly varied and complex roles and responsibilities associated with the emergence of technology. Adequate insight into technology is vital for advancing nursing practice, research, theory and education. This unit is designed to establish insight into the link between technology, clinical practice and nursing knowledge, highlight the learning opportunities available in the changing workplace, and model a process of ongoing progressional development. The unit seeks to relate nursing practice to knowledge development associated with technology, the experience of patients and nurses, and the development of a professional and informed understanding of technology. Students gain insight into the relationship between nursing, technology, and the modern health care experience.
Courses: NS40, HL40 **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 framework will be used to consider issues that impact on the health of children and young people. In addition key policy frameworks will provide direction for study in the unit. The unit will consider the impact of social determinants on child, youth and family health and examine current strategies to address such impacts. Students will have the opportunity to examine local programs and strategies aimed at improving health outcomes.
Courses: NS35, NS64, NS85
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 nursing interventions 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 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 contemporary issues relating to their professional role in caring for children, youth and families within the community context. The unit adopts a primary health care approach to examine the nurses' role in primary and secondary prevention, in supporting families in the community and in health education and community development.
Courses: NS35, NS64, NS85
Prerequisites: NSN003
Credit points: 12 **Contact hours:** 3 per week
Semester offered: KG, EXT

► NSN006 SPECIALISTATION IN PAEDIATRIC, CHILD AND YOUTH HEALTH NURSING
This unit will provide students with clinical knowledge and understanding in a selected area of paediatric or child and youth health 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: NSN003, NSN002
Credit points: 12 **Contact hours:** Negotiable
Semester offered: External for selected specialisations

► NSN311 KEY ISSUES IN MIDWIFERY PRACTICE
The unit consists of two modules. The first focuses on health and wellbeing following birth and aims to develop an understanding of health assessment and midwifery care for women, infant and family in the period following childbirth. The second module focuses on the context 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 semester.
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 acquired in the prerequisite unit. While childbearing is assumed to be a normal non-pathological process, and inherently safe, it is acknowledged that specialised practitioners must be able to recognise and act on changing events. These changes reflect complications/deviations from the normal.
Courses: NS68, NS85 **Prerequisites:** NSN321
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 women, her infant and family.
Courses: NS68, NS85
Prerequisites: NSN321, NSN301
Credit points: 12 **Contact hours:** 3 per week

► NSN502 CRITICAL INQUIRY IN HEALTH CARE
This unit enhances practitioner understanding of health care, encourages life long learning, and critical discourse. The unit examines case studies related to technology and health care and seeks to enhance personal practice and leadership through the use of critical incidents. The aims of the unit are to encourage problem solving and professional development through reflective practice and personal accountability.
Prerequisites: NS34, NS64, NS85
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG, EXT

► NSN506 CLINICAL PROJECT
This unit offers students the opportunity to implement a project of clinical relevance and value to lead to the resolution of practical issues facing nursing. It advances and extends the student's learning from their clinical speciality and the supporting units.
Courses: NS85
Credit points: 24
Contact hours: Negotiated with Course Coordinator

► NSN507 CONTEMPORARY PRACTICE ISSUES
This unit allow students to explore current issues and develop their understanding through application of relevant theoretical frameworks to nursing practice in selected specialty areas. Students undertaking this unit will examine social, political and economic factors that shape and have shaped nursing practice, analyse factors influencing the organisation of nursing practice, and critically apply a theoretical framework to current issues relevant to nursing practice.
Courses: NS64, NS85
Credit points: 12

Contact hours: Negotiated with Course Coordinator
Campus offered: KG, EXT

► NSN508 ADVANCED READINGS IN NURSING
This unit provides the opportunity for students to access and review a body of literature relevant to an area of individual interest in nursing. This will enable students to extend their knowledge and understanding of a topic that is not specifically addressed elsewhere in the course. In addition, students undertaking this unit will have the opportunity to develop advanced skills information retrieval, critical analysis and writing for publication.
Courses: NS64, NS85
Credit points: 12
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 upon 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 ill have the opportunity to develop theory 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, neuroscience, 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 acquired during Clinical Elective 1. Students will have the opportunity to acquire theoretical, conceptual and practical knowledge in a variety of advanced topics specific to developing 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, strengthen their abilities to provide effective leadership and further develop skills in peer consultation and reflective practice as strategies to support a critical approach to the provision of leadership in the workplace. The unit addresses strategic thinking and planning; organisational and interpersonal communication; decision making; team building; 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; project development and management; policy development and implementation; and promoting quality outcomes.
Courses: NS64, NS85, HL90
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 highlight 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 them as women. The aim of this unit is for the student to come to the understanding that a woman's sexual health encompasses not only the medical and physical components of sexual activity but 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 through 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 the area of women's health, and utilises the primary health care framework in considering the major objectives for helping women achieve optimal health as documented in women's health policy. This unit aims to make primary health care professionals aware of the broader social context in which service, delivery and care take place.
Courses: NS36, NS64, NS85, HL88, PU88
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: KG, EXT (for Cancer Nursing, Critical Care, Mental Health and Gerontology)
Semester offered: 1

► NSN522 CLINICAL SPECIALISATION 2
Develop 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 dysfunctions.
Courses: NS64, NS85
Credit points: 12 **Contact hours:** 3 per week
Campus offered: EXT (for Cancer Nursing, Critical Care, Mental Health, Gerontology)

► NSN523 CLINICAL STUDIES
This unit aims to further develop and consolidate knowledge and skills in a selected clinical specialty. This unit will enable students to develop their skills in clinical judgement, and decision making in a specialty area of practice, as well as expanding their skills in establishing and maintaining effective relationships with clients and other health professionals. Students will be encouraged to demonstrate a reflective, self-evaluative approach to practice, and develop strategies that would enable the practitioner to facilitate change with respect to their specialty area of practice.
Courses: NS64, NS85
Credit points: 12 **Contact hours:** Negotiable

► NSN600 INTRODUCTION TO NURSING CHILDREN AND CHILD BEARING FAMILIES
The unit provides an overview of the theoretical concepts and clinical application principles for practice in the areas in providing nursing and midwifery care for children and child-bearing families. The emphasis is upon the childbearing process and the developmental stages of childhood and family dynamics. This is viewed as a normal process of growth and development, which will be affected by social, economic legal and cultural factors. The focus will be on the promotion and maintenance of health.
Courses: NS40
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 is then encouraged to articulate their vision for the community practice, explore their role within a multi-disciplinary interface, and examine 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 savvy with other stakeholders. With current finite resource allocation dictating that partnerships must be able to maximise utilisation and creativity in funding, different models of partnerships 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 intersectorial 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

► NSN626 DEMETIA AND FAMILY CARE
This unit aims to support aged care practitioners to respond to the challenges of caring for older people with Alzheimer's disease and their families in a community health context. The central focus of this package is a CD-ROM that employs an interactive case study approach to introduce learners to a family situation where an older relative with Alzheimer's disease is being cared for at home.
Courses: NS34, NS39, NS64, NS85
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 effectively assess the individual, family and their environment to provide nursing care within the context of specialist practice.
Courses: NS30, NS31, NS33, NS36, NS64, NS85
Credit points: 12 **Contact hours:** 3 per week
Semester offered: KG, 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 practice domains. Cancer Nursing: 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 life support and pharmacology. Medical/Surgical Nursing: This unit will cover issues pertaining to the key aspects of nursing practice within the medical/surgical context.
Courses: NS30, NS31, NS33, NS36, NS41, NS64, NS85
Credit points: 12 **Contact hours:** 3 per week
Campus offered: EXT

► NSN722 PRINCIPLES OF ACUTE AND CRITICAL CARE NURSING
This unit aims to develop students' understanding of the theory, process 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 sepsis, multiple organ failure, burns, 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: NSN701, NSN721
Credit points: 12 **Contact hours:** 3 per week
Semester offered: EXT

► NSN723 SPECIALISTATION IN CRITICAL CARE NURSING
This unit will provide the opportunity for students to further develop and consolidate prior learning in a critical clinical setting of their choice. Students will expand on their theoretical, professional and practical knowledge to assess patients, plan and implement nursing care in a particular critical-care nursing environment. Specific areas of study may include intensive care, cardiac care and emergency care.
Courses: NS30, NS31, NS33, NS41, NS64, NS85
Prerequisites: NSN701
Credit points: 12 **Contact hours:** 3 per week
Campus offered: EXT

► NSN725 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 care environment, and critically analyse the advanced concepts that underpin specialist nursing practice. Students will demonstrate clinical judgement and reflective skills through the application of theoretical concepts to common health problems experienced by clients in a selected medical/surgical or cancer care environment. 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 nursing practice or palliative care nursing. Medical/Surgical Nursing: This unit will enable students to study a specific area of medical/surgical nursing in more depth, to meet their own learning needs.
Courses: NS30, NS31, NS33, NS64, NS85
Prerequisites: NSN701
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 assessment of older adults. Participants will be offered learning opportunities aimed at developing a strong theoretical foundation on which to assess the health care needs of older people. Theoretical knowledge of biophysical and psychosocial aspects of ageing will be applied to the assessment of client situations in order to develop a competent approach to aged care health assessment. The course has been specifically designed to complement health assessment tools 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 examine issues related to the pursuit of healthy ageing. The goal of this unit is to emphasise how individuals, communities, and policy makers can work together to provide appropriate and reliable sources of support for older people in society. Identifying specific incidents and exemplars this unit also highlights the significance of flexible health/aged care policy and community based programs and services.
Courses: NS39, NS64, NS85
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; confusion; delirium; depression; dementia (senile, multi-infarct) and Alzheimer's disease. The following practice interventions associated with pathological ageing will be examined: constipation; incontinence; blindness; deafness; skin tears/pressure ulcers; diabetes; challenging behaviours associated with mental health conditions. Supporting older people experiencing 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 and synthesise knowledge gained in earlier semesters of the course. The thesis represents an independent piece of research in the student's specific areas of interest in nursing, and is completed under guidance of 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 the student with the opportunity to formally extend and synthesise knowledge gained in earlier semesters of the course. The thesis represents an independent piece of research in the student's specific area of interest in nursing, and is completed under the guidance of 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 competently administer a set of systematic assessment procedures designed to detect a client's particular problem area(s) of psychosocial functioning; record and interpret assessment data in the standard form of a written appraisal; and comprehend the role of theory in test selection and resultant analysis and recommendations.
Courses: NS64, NS85
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 consist of two components - one theoretical and one clinical. The theoretical component concentrates on two major clinical treatment modalities in the management of mental illness, namely psycholopharmacology 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 themes of the program are divided into weekly one-hour sessions. 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:** NSN901
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 for working with the mentally ill, their carers or family. Critical among these skills is the ability to assist in the development of consumer and carer centred services and outcomes. 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:** NSN921
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 will be on integrating new knowledge into existing abilities

and providing participants with an opportunity to increase their knowledge of the theoretical bases of a variety of counselling approaches.
Courses: NS64, NS85
Credit points: 12 **Contact hours:** 3 per week

► NSN929 CLINICAL INTERVENTION MODALITIES IN MENTAL HEALTH NURSING
This unit is designed to provide an in depth analysis of current practices in the rehabilitation of people with serious mental health problems. It enables students to examine and utilise functional assessments and develop individual service plans. A major emphasis will be placed on the role of nurses as case managers and the importance of this for the adaptation of clients in the community.
Courses: NS64, NS85
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: OP42
Prerequisites: MAB140 **Corequisites:** PCB240
Credit points: 12 **Contact hours:** 5 per week
Campus offered: KG **Semester offered:** 2

► OPB350 OPTOMETRY 3
Ophthalmic optics is continued with the study of neutralisation, spectacle lens design and prescribing parameters of lenses and frames. The theory and practice of keratometry, optometers, ophthalmoscopy and retinoscopy are also studied.
Courses: OP42
Prerequisites: PCB240, OPB250
Corequisites: PCB340, OPB351
Credit points: 12 **Contact hours:** 6 per week
Campus offered: KG **Semester offered:** 1

► 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 it's basic design, dimensions and retinal quality as well as the psychophysical principles of vision.
Courses: OP42
Prerequisites: LSB250, PCB240,
Corequisites: PCB340, OPB350, OPB352,
Credit points: 12 **Contact hours:** 5 per week
Campus offered: KG **Semester offered:** 1

► OPB352 OCULAR ANATOMY AND PHYSIOLOGY 3
The unit provides information on the ocular anatomy and physiology that underlies the functional measurements made in optometry and their interpretation. It includes the structure and function of the anterior eye and orbit.
Courses: OP42
Prerequisites: LSB250, LSB275
Corequisites: OPB351
Credit points: 12 **Contact hours:** 5 per week
Campus offered: KG **Semester offered:** 1

► OPB450 OPTOMETRY 4
This is a continuation of studies in OPB350, and introduces the theory and practice of clinical techniques used in the examination of the patient and assessing visual functions. The subject is also the initial introduction to the care of patients in the Optometry Clinic.
Courses: OP42
Prerequisites: OPB350, OPB351, OPB352
Corequisites: OPB451, OPB452
Credit points: 12 **Contact hours:** 5 per week
Campus offered: KG **Semester offered:** 2

► OPB451 VISUAL SCIENCE 4
This subject continues studies commenced in OPB351, and provides students with an understanding of spatial, temporal, colour and binocular vision, and their influence on visual performance.
Courses: OP42
Prerequisites: OPB351, OPB352, OPB350,
Corequisites: OPB450, OPB452
Credit points: 12 **Contact hours:** 5 per week
Campus offered: KG **Semester offered:** 2

► OPB452 OCULAR ANATOMY AND PHYSIOLOGY 4
This is a continuation of OPB352. The unit covers the posterior eye, orbit, neural pathways, eye movements, neurophysiology of vision and an introduction to electrophysiological techniques.
Courses: OP42
Prerequisites: OPB352, OPB351, OPB350
Corequisites: OPB451, OPB450
Credit points: 12 **Contact hours:** 5 per week
Campus offered: KG **Semester offered:** 2

► OPB550 DISEASES OF THE EYE 5
This unit provides students with a knowledge and understanding of relevant general diseases and those that affect the eye. It includes general disease principles and processes, referral procedures, genetics, congenital, dystrophic and degenerative eye disease, and the ocular manifestation of general disease.
Courses: OP42
Prerequisites: OPB450, OPB451, OPB452, LSB492
Corequisites: OPB551, OPB552, OPB553
Credit points: 12 **Contact hours:** 4 per week
Campus offered: KG **Semester offered:** 1

► OPB551 OPTOMETRY 5
The student gains an understanding of the theory and practice of essential clinical techniques required to examine patients' eyes and assess visual function. The subject contains vision measurement, objective and subjective refraction, accommodation anomalies and the development and management of refractive errors and binocular vision disorders.
Courses: OP42
Prerequisites: OPB450, OPB451, OPB452
Corequisites: OPB550, OPB552, OPB553
Credit points: 12 **Contact hours:** 5 per week
Campus offered: KG **Semester offered:** 1

► OPB552 ADVANCED OPTOMETRY 5
This unit introduces the student to the theory and practice of advanced clinical techniques of vision assessment. It integrates these with the basic methods learned in OPB350, OPB450 and OPB551 and will give the student a thorough knowledge of all aspects of routine patient management. The unit covers areas such as visual fields, colour vision, gonioscopy, indirect ophthalmoscopy and geriatric optometry.
Courses: OP42
Prerequisites: OPB450, OPB451, OPB452
Corequisites: OPB550, OPB551, OPB553
Credit points: 12 **Contact hours:** 5 per week
Campus offered: KG **Semester offered:** 1

► OPB553 CLINICAL PRACTICE 5
Clinical Practice 5 provides the vehicle for the application of examination techniques learned in previous and concurrent units. Emphasis will be placed on communicating with patients, the fabrication of spectacles, basic contact lens practice and the development of appropriate clinical routines in eye examination.
Courses: OP42
Prerequisites: OPB450, OPB451, OPB452
Corequisites: OPB550, OPB551, OPB552
Credit points: 12 **Contact hours:** 5 per week
Campus offered: KG **Semester offered:** 1

► OPB650 DISEASES OF THE EYE 6
This is a continuation of OPB550 and covers the ocular manifestations of general disease, neuro-ophthalmology, glaucoma, inflammations/infections, tumours and trauma.
Courses: OP42
Prerequisites: OPB550, OPB551, OPB552, OPB553
Corequisites: OPB651, OPB652, OPB653
Credit points: 12 **Contact hours:** 5 per week
Campus offered: KG **Semester offered:** 2

► OPB651 CONTACT LENS STUDIES
Contact lens design and fitting form the basis of this subject. Both soft and rigid contact lenses are covered together with lens materials, designs, manufacture, fitting assessments and appropriate clinical techniques. The subject also focuses on corneal physiology, patient management and advanced contact lens fitting.
Courses: OP42
Prerequisites: OPB550, OPB551, OPB552, OPB553
Corequisites: OPB650, OPB652, OPB653
Credit points: 12 **Contact hours:** 6 per week
Campus offered: KG **Semester offered:** 2

► OPB652 PHARMACOLOGY
This subject covers both general and ocular pharmacology. It includes pharmacokinetic and pharmacodynamic principles, the mechanisms of action and therapeutic applications of drugs used in the treatment of general and ocular disease, and drugs used to assist in the diagnosis of ocular conditions.
Courses: OP42
Prerequisites: OPB550, OPB551, OPB552, OPB553
Corequisites: OPB650, OPB651, OPB653
Credit points: 12 **Contact hours:** 5 per week
Campus offered: KG **Semester offered:** 2

► OPB653 CLINICAL PRACTICE 6
The subject is a continuation of OPB553, and enables students to apply eye examination techniques in a clinical setting. There is an emphasis on advanced communication skills, patient management and clinical decision-making.
Courses: OP42
Prerequisites: OPB550, OPB551, OPB552, OPB553
Corequisites: OPB650, OPB651, OPB652
Credit points: 12 **Contact hours:** 6 per week
Campus offered: KG **Semester offered:** 2

► OPB750 TOPICS IN OPTOMETRY 7
Students are required to choose a research topic, conduct a literature search on this topic, develop experimental hypothesis, plan and undertake a research project. Students will give oral presentations of their own research project. Presentations on advanced clinical care and decision-making skills will include lecture and tutorial presentations and case summaries.
Courses: OP42
Prerequisites: OPB650, OPB651, OPB652, OPB653
Corequisites: OPB751, OPB752, OPB753
Credit points: 12 **Contact hours:** 4 per week
Campus offered: KG **Semester offered:** 1

► OPB751 ADVANCED OPTOMETRY 7
This unit provides students with a thorough knowledge of more specialised areas of patient management such as in low vision and paediatric patients.
Courses: OP42
Prerequisites: OPB650, OPB651, OPB652, OPB653
Corequisites: OPB750, OPB752, OPB753
Credit points: 12 **Contact hours:** 4 per week
Campus offered: KG **Semester offered:** 1

► OPB752 CLINICAL PRACTICE 7
This unit enables students to apply knowledge and skills gained in third year to patients presenting for eye examinations, and to make decisions in effective patient management
Courses: OP42
Prerequisites: OPB650, OPB651, OPB652, OPB653
Corequisites: OPB750, OPB751, OPB753
Credit points: 12 **Contact hours:** 8
Campus offered: KG **Semester offered:** 1

► OPB753 SPECIALIST CLINICAL PRACTICE 7
This unit enables students to apply specialist clinical knowledge in the management of patients requiring contact lenses, vision training and low vision care.
Courses: OP42
Prerequisites: OPB650, OPB651, OPB652, OPB653
Corequisites: OPB750, OPB751, OPB752
Credit points: 12 **Contact hours:** 8
Campus offered: KG **Semester offered:** 1

► OPB850 TOPICS IN OPTOMETRY 8
Students are required to analyse the results of their chosen research project and write a full report in manuscript form. Oral presentations of the project are given to their peers.
Presentations on advanced clinical care and decision-making skills will include lecture and tutorial presentations and case summaries.

Courses: OP42
Prerequisites: OPB650, OPB651, OPB652, OPB653
Corequisites: OPB751, OPB752, OPB753
Credit points: 12 **Contact hours:** 4 per week
Campus offered: KG **Semester offered:** 2

► OPB851 ADVANCED OPTOMETRY 8
Optometry's role in health care; professional and ethical behaviour; relevant state and federal Acts; professional associations; types of practice; optometric practice and the law. Introduces the basic concepts of eye safety and visual ergonomics
Courses: OP42
Prerequisites: OPB750, OPB751, OPB752, OPB753
Corequisites: OPB850, OPB852, OPB853
Credit points: 12 **Contact hours:** 4 per week
Campus offered: KG **Semester offered:** 2

► OPB852 CLINICAL PRACTICE 8
This unit enables students to consolidate skills developed in OPB752, to increase their knowledge base and achieve surety with decision-making involving the management of patients' eye and vision problems.
Courses: OP42
Prerequisites: OPB750, OPB751, OPB752, OPB753
Corequisites: OPB850, OPB851, OPB853
Credit points: 12 **Contact hours:** 8
Campus offered: KG **Semester offered:** 2

► OPB853 SPECIALIST CLINICAL PRACTICE 8
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
Corequisites: OPB850, OPB851, OPB852
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 electrostatics/electromagnetism. Development of problem solving skills is an essential element of the course, which includes an essential practical component.
Courses: ME35
Credit points: 12 **Contact hours:** 5 per week

► PCB007 PATIENT CARE IN PROFESSIONAL PRACTICE
Introductory subject emphasising the ethical, legal and clinical accountability of the radiographer for patient care and interpersonal behaviour and skills.
Courses: PH38
Credit points: 12 **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, IF27, IF39, IF71, IF38, IF84, IF86, SC01
Credit points: 12 **Contact hours:** 4 per week

► PCB107 PHYSICS & QUANTITATIVE TECHNIQUES
Data and error analysis, Geometrical optics: reflection, refraction, dispersion, image formation, optical instruments, and photometry. Circuit theory and electronics: d.c. circuits, a.c. circuits, semiconductors, rectifiers and transistors, digital electronics. Waves and acoustics: properties of waves, interference and diffraction of waves, sound waves, measurements of sound.
Courses: PH38, SC01
Prerequisites: SA or better in Senior Physics
Credit points: 12 **Contact hours:** 4.5 per week

► PCB136 ENGINEERING PHYSICS 1C
Introductory unit covering Dynamics (Motion in 1D, Vectors, Newton's Laws, Motion in 2D (including circular motion), Uniform circular motion, Work, energy and power Potential energy and conservation of energy, Linear momentum and collisions), Waves, (Oscillatory motion, Wave Motion, Sound Waves, Superposition and standing waves), Geometrical Optics (Reflection, refraction, dispersion, Huygens' principle, Image formation by mirrors and lenses, optical instruments) and Physical Optics (Interference of light, Diffraction). Thermal physics (temperature, thermometry, thermal expansion, heat and thermal energy, heat capacity and specific heat, latent heat, heat transfer).
Courses: CE44, CE45, EE41, EE42, EE45, EE48, ME40, ME41, ME42, ME45, ME47
Credit points: 12 **Contact hours:** 4 per week

► PCB140 INTRODUCTORY CHEMISTRY
Matter and its classification; atomic and molecular composition of matter; structure of atoms and molecules and use of the Periodic Table to predict the behaviour of matter.
Chemical bonds and the nature of molecules, chemical composition, chemical reactions, chemical equations and chemical calculations. Representative chemistry of the main group elements, and specifically of carbon. Solution chemistry, acids bases, pH and chemical calculations using solutions. Equilibrium chemical reactions. Oxidation reduction and electrochemistry. Gaseous state of matter and gas laws.
Courses: SC01 **Credit points:** 12

► PCB141 CHEMISTRY FOR CLINICAL HEALTH PROFESSIONALS
General chemistry: the periodic table; chemical bonding; chemical reactions and stoichiometry; physical chemistry: chemical equilibrium; acids and bases; rates of reactions; energy and reactions; redox reactions and electrochemistry; organic chemistry: introductory organic chemistry, organic functional group chemistry, stereochemistry of organic compounds, heterocyclic chemistry; biologically important organic compounds.
Courses: OP42
Prerequisites: Senior Chemistry and Senior Mathematics B
Credit points: 12 **Contact hours:** 6 per week

► PCB142 CHEMISTRY 1
Inorganic and general chemistry: nature of matter, chemical reactions and chemical equations, reactions in solution, acids bases and redox reactions; atomic and molecular structure, periodic table and periodicity, atomic electron configurations, chemical bonds and theories of chemical bonding. Physical chemistry: states of matter, gases, chemical equilibrium, equilibria in electrolyte solutions, acids and bases, buffer solutions, colligative properties, colloids, introductory electrochemistry.
Courses: ED50, IF29, IF39, IF71, IF83, IF84, IF86, IF87, LS37, 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: PU40, PU43, LS37, ED50, SC01
Credit points: 12 **Contact hours:** 5 per week

► PCB172 PHYSICS FOR SURVEYORS
Measurement - Fundamental and derived quantities, SI units, significant figures and uncertainty in measurements and calculations. Kinematics - vector and scalar quantities, equations of motion. Statics - inertia and change of motion; forces in equilibrium; resolution of forces; application to connected bodies, tension and normal force; balancing. Dynamics - friction; centripetal force; the hoist; impulse and momentum; periodic motion; work and energy. Gravity - Circular motion, centripetal force, gravity, Kepler's Laws, orbits. Fluid Statics - Pressure, Pascal's principle, Archimedes's principle, barometry. Fluid Dynamics - Fluid flow in pipes and channels; Equation of continuity, Bernoulli's principle, viscous flow and Poiseuille's equation. Flow measurement. Hydraulic models. Pumps and pump characteristics. Optical instruments - Reflection, refraction, total internal reflection, spherical mirrors, thin lenses, transits, theodolites, corner cubes, 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

► 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 pollution obligations and monitoring; generic issues eg quality assurance, industrial health and safety.
Courses: SC01, SC51
Prerequisites: PCB142 **Corequisites:** PCB142
Credit points: 12 **Contact hours:** 4 per week

► PCB240 OPTICS 1
A study of selected topics in optics particularly related to aspects of optometry. Topics include geometrical optics in mirrors and lenses, including thick lenses, cylindrical, spherical and toric lenses, colour and colour measurement, photometry, lens aberrations and optical instruments.
Courses: OP42
Prerequisites: SA or better in Senior Physics
Credit points: 12 **Contact hours:** 5 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; calorie counting - 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
Corequisites: 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 areas to be covered include: calculus based kinematics and dynamics in one and two dimensions: accelerated frames of reference, 2nd order systems and the forced-damped-harmonic oscillator, gravitational and electromagnetic fields, Newton's law of gravity, Coulomb's law, potentials, static fields - point and distributed sources, Gauss's law, capacitors, Biot-Savart law and Ampere's law, electromagnetic induction and Faraday's law, Lenz's law.
Courses: ED50, 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, interferometry, Fraunhofer diffraction, Fourier methods, lasers and holograms. Atomic Physics including introductory quantum physics, spectra and the Bohr theory. Introduction to Special Relativity including time dilation and length contraction, Lorentz transformations, Minkowski diagrams and relativistic mass, momentum and energy.
Courses: ED50, IF29, IF39, IF71, IF83, IF84, IF86, SC01
Prerequisites: (PCB101 or PCB107), and (MAB100 or SA in Senior Maths C)
Credit points: 12 **Contact hours:** 4 per week

► PCB263 PHYSICS 2E
Extension of PCB150 including fluids, AC, DC circuit theory, with emphasis on electronics and instrumentation, fields, modern and nuclear physics. Fluid mechanics. Biomechanics.

Courses: ED50, PU40
Credit points: 12 **Contact hours:** 4 per week

► PCB272 RADIATION PHYSICS 1
Electrostatics, electromagnetism, the production of X-rays and their interaction with matter.
Courses: PH38
Prerequisites: SA or better in Senior Physics
Credit points: 12 **Contact hours:** 5 per week

► PCB276 GENERAL RADIOGRAPHY 1
A program of lectures relating to radiography of the skeletal system.
Courses: PH38
Prerequisites: LSB145, PCB178
Corequisites: LSB245, PCB277
Credit points: 12 **Contact hours:** 6 per week

► PCB277 RADIOGRAPHIC PRACTICE
A program of practical sessions relating to radiography of the skeletal system. A study of the processes involved in the production of a visible image in radiography.
Courses: PH38 **Corequisites:** PCB276
Credit points: 12 **Contact hours:** 5 per week

► PCB286 TREATMENT PLANNING 1
Introduction to the techniques of radiotherapy treatment planning.
Courses: PH38 **Prerequisites:** PCB178
Credit points: 12 **Contact hours:** 6 per week

► PCB287 MEGAVOLTAGE THERAPY 1
Introduction to the basic techniques of radiotherapy treatment delivery including beam direction and beam defining devices.
Courses: PH38
Prerequisites: PCB178 **Corequisites:** LSB241
Credit points: 12 **Contact hours:** 6 per week

► PCB305 PRINCIPLES OF PHYSICAL CHEMISTRY
Thermodynamics (first, second and third laws; entropy; free energy changes; real gases; heat engines); chemical kinetics (order, molecularity, reaction, mechanisms, Arrhenius equation; complex reactions); phase and colloid chemistry (phase equilibria; one and two component systems; distillation; colloidal dispersions; charged interfaces; sols and gels); macromolecules (molecular architecture; molar mass; solution and solid state properties; polymerisation); bonding (orbitals and energies of the hydrogen atom; many electron atoms; molecular orbitals).
Courses: ED50, IF29, IF39, IF71, IF83, IF84, IF86, IF87, SC01
Prerequisites: PCB142
Credit points: 12 **Contact hours:** 5 per week

► PCB314 CONCEPTS IN ANALYTICAL CHEMISTRY
Classical analytical chemistry including titrimetric analysis (neutralimetry, precipitimetry, compleximetry and redoximetry); gravimetric analysis; sample preparation; specialist reagents for analytical chemistry usage; instrumental analytical chemistry; absorptiometric methods (for example UV-visible spectrophotometry); electroanalytical methods including (conductimetry, potentiometry and electrogravimetry); data handling.
Courses: ED50, IF39, IF71, IF83, IF84, IF86, SC01
Prerequisites: PCB142
Credit points: 12 **Contact hours:** 5 per week

► PCB340 OPTICS 3
The application of geometrical optics to selected aspects of optometry including lens form and thickness, contact lenses, spectacle lens design and spherical surfaces; the wave nature of light with emphasis on interference, interferometry, diffraction and polarisation; the specialised topics of optical processing, lasers and the evaluation of optical systems.
Courses: OP42 **Prerequisites:** PCB240
Credit points: 12 **Contact hours:** 5 per week

► PCB354 STRUCTURE & MECHANISM IN ORGANIC CHEMISTRY
Organic stereochemistry: ion formation of cyclic compounds; chirality; absolute configuration; racemic and meso compounds. Importance of structure and stereochemistry in natural products such as terpenes, steroids and sugars. Carbohydrate chemistry: monosaccharides, disaccharides and polysaccharides. Applications in selected research areas of drugs, polymers and enzymes. Reaction mechanisms: acid/base theory, polarity, induction effects. Addition reactions; nucleophilic substitution and addition, electrophilic additions. Application to organic synthesis.
Courses: ED50, IF29, IF39, IF71, IF83, IF84, IF86, SC01
Prerequisites: PCB242
Credit points: 12 **Contact hours:** 5 per week

► PCB361 AC THEORY & ELECTRONICS
Emphasis on the application of theory to practical tasks. Laboratory work will consist of introductory exercises followed by a series of topics to be investigated within the available laboratory times. Specific topics to be covered: steady state and transient AC passive-circuit analysis, power in AC circuits, applications of semiconductor devices, amplifiers and feedback theory, operational amplifiers - ideal and non-ideal properties, oscillators, Introductory digital electronics: gates, flip-flops and counters, active-circuit analysis, active and passive filters.
Courses: IF29, IF39, IF71, IF83, IF84, IF86, SC01
Prerequisites: MAB111 or MAB131, PCB250
Credit points: 12 **Contact hours:** 5 per week

► PCB362 PHYSICS 2
Integrates and enhances the knowledge gained in earlier units with applications to more interesting and complex systems. Topics include: part A; classical mechanics, rotating systems, Lagrange' s equations and Hamiltonian operators, precession. Part B; radiation physics, nuclear disintegration, equilibrium, interaction of radiation with matter, nuclear detectors. Part C; electromagnetism, electric fields, Gauss' law, dielectrics.
Courses: ED50, IF29, IF39, IF71, IF83, IF84, IF86, SC01
Prerequisites: PCB250 and MAB132 or MAB112
Credit points: 12 **Contact hours:** 4 per week

► PCB375/1 RADIOGRAPHIC EQUIPMENT
Discussion of design considerations of X-ray generators and specialist radiographic imaging equipment for fluoroscopy, mammography, tomography and mobile radiography.
Courses: PH38
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: PH38 **Prerequisites:** 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, PCB277
Credit points: 12 **Contact hours:** 5 per week

► PCB379 CLINICAL RADIOGRAPHY 1
Clinical experiences in radiographic examinations introduced in PCB276 and PCB376. Experience is obtained in approved clinical departments.
Courses: PH38
Prerequisites: LSB245, PCB276, PCB277
Corequisites: PCB379
Credit points: 6
Contact hours: 4 per week

► PCB389 CLINICAL RADIOTHERAPY 1
Clinical experience in radiotherapy related to topics introduced in PCB287 and PCB286. The programs are carried out in approved clinical departments.
Courses: PH38
Prerequisites: PCB286, PCB287
Credit points: 6 **Contact hours:** 4 per week

► PCB396/1 RADIOTHERAPY PLANNING & PHYSICS
An extension of the study of treatment planning introduced in PCB286 to the planning of complex techniques of photon therapy and electron therapy.
Courses: PH38
Prerequisites: LSB245, PCB286, PCB287
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. An introduction 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 non-ionising and ionising radiation safety.
Courses: ED50, IF39, IF83, IF84, IF86, PU40, SC01
Prerequisites: PCB263 or PCB250
Credit points: 12 **Contact hours:** 5 per week

► 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, fluorometry, infrared spectroscopy (FT-IR), flame atomic emission and absorption); chromatography (GC and HPLC). Special Notes: Available both semesters, but for PU40 Semester 1 is preferred.
Courses: ED50, IF39, IF71, IF87, PU40, SC01
Prerequisites: PCB142
Credit points: 12 **Contact hours:** 5 per week
Semester offered: 1, 2

► PCB434 INORGANIC CHEMISTRY
Coordination chemistry; structure and bonding of metal complexes including crystal field and valence bond theories; spectroscopic terms and electronic transitions; solution chemistry and complex equilibria; redox reactions Pourbaix diagrams; HSAB theory; reaction mechanisms; chemistry of selected non-metals, lanthanides, actinides and precious metals, their extraction from ores and refining.
Courses: ED50, IF29, IF39, IF71, IF83, IF84, IF86, SC01
Prerequisites: PCB142
Credit points: 12 **Contact hours:** 5 per week

► PCB444 SPECTROSCOPY
Theory of spectroscopy: electromagnetic radiation, molecular energy levels, width and intensity of spectral lines, dispersive and Fourier transform spectrometers. Rotational spectra: Moment of inertia, diatomic molecules, microwave spectroscopy, and selection rules. Rotational and vibrational-rotational spectra: diatomic molecules, anharmonicity, normal modes, selection rules, Born-Oppenheimer Approximation, polyatomic molecules, group frequencies. Electronic spectra: Franck-Condon Principle, vibronic structure, dissociation energies, fates of electronic excited states, laser action. Ultraviolet spectroscopy - electronic transitions, lmax and e, chromophores, bathochromic and hypsochromic shifts, sampling. The application of infrared spectroscopy to organic compounds - Hooke's law, classification of vibrations, group frequency tables, fundamental absorption bands, structural influences, effects of molecular association, conjugation, cumulation,

a-substitution, ring and steric strain. Applications to functional group analysis. Sampling. Nuclear magnetic resonance - simple theoretical concepts, classification of nuclei, modern instrumentation, the shielding constant, 13C spectra - concept of magnetic environment, symmetry, advantages and limitations, 1H spectra, areas and integrals, chemical shifts, tabulated data, Shoolery's rules, coupling, analysis of 1st order spectra, deducing connectivity relationships, Sampling.
Courses: ED50, IF29, IF39, IF71, IF83, IF84, SC01
Prerequisites: PCB142, PCB354
Corequisites: Nil
Credit points: 12 **Contact hours:** 5 per week

► PCB460 INSTRUMENTATION & COMPUTATIONAL METHODS
Lecture/tutorial program plus an integrated practical component. The topics include: transducers, signal conditioning, sources of noise, guarding and shielding, analogue to digital and digital to analogue conversion, computer interfacing, data acquisition, sampling theorem, signal averaging, application of Fourier transforms, signal processing - digital filters, statistics of physical measurements, significance testing, least squares methods, interfacing microcontrollers to analogue circuits, numerical simulation techniques.
Courses: IF29, IF39, IF71, IF83, IF84, IF86, SC01
Prerequisites: PCB361
Credit points: 12 **Contact hours:** 5 per week

► PCB462 THERMODYNAMICS & SOLID STATE PHYSICS
Two of the main themes in physics. Part A: Thermodynamic equilibrium and zeroth, first and second laws of thermodynamics, equipartition principle and heat capacities, entropy, concept of irreversibility, Carnot cycle. Part B: Solid state physics, crystal and lattice structures, reciprocal lattice, x-ray diffraction, Brillouin zones, amorphous materials, lattice dynamics, acoustical and optical phonons, thermal properties of solids, acoustic waves in solids and crystals. Statistical physics, microscopic and quantum approach to entropy, Maxwell-Boltzmann and Fermi-Dirac distributions, Fermi energy and Fermi surface, Bose-Einstein distribution function, Black body radiation.
Courses: IF29, IF39, IF71, IF83, IF84, IF86, SC01
Prerequisites: PCB250 and MAB134 or MAB311
Credit points: 12 **Contact hours:** 5 per week

► PCB469 ASTROPHYSICS 1
History and development of modern astronomy. Physical principles of telescopes: radio, infrared, visible, UV, X-ray, gamma. Gravity wave and neutrino detectors. The sun, solar flares, solar wind, auroras, solar storms and their effects on satellites and communication. Space objects in the solar system: planets, comets, asteroids, meteors, etc. Stellar nuclear physics and classification of stars. Stellar evolution, interstellar medium and nebulae. Doppler measurement of celestial velocities (red and blue shifts). Measurement of astronomical distances. Large-scale structure of the universe: galaxies, galactic clusters and super-clusters.
Courses: ED50, SC01
Credit points: 12 **Contact hours:** 5 per week

► PCB476 SPECIAL PROCEDURES
Specialised techniques of radiography: the skull, obstetrics, gynaecology, CNS, paediatrics and geriatrics.
Courses: PH38
Prerequisites: PCB377, PCB379
Credit points: 12 **Contact hours:** 4 per week

► PCB477 COMPLEMENTARY IMAGING TECHNIQUES
The physical principles, equipment and applications of medical ultrasound and nuclear medicine imaging.
Courses: PH38
Credit points: 12 **Contact hours:** 4 per week

► PCB479 CLINICAL RADIOGRAPHY 2
Clinical experience in approved departments in radiographic examinations discussed in PCB376.
Courses: PH38
Prerequisites: PCB379 **Corequisites:** PCB476
Credit points: 6

► PCB489 CLINICAL RADIOTHERAPY 2
Clinical experiences in approved departments in techniques of radiation therapy.
Courses: PH38
Prerequisites: PCB397, PCB389
Corequisites: PCB497
Credit points: 6

► PCB495 COMPUTER ASSISTED TREATMENT PLANNING 1
A study of planning hardware and software to include two-dimensional planning. Development of concepts to an advanced level of understanding of computer-assisted optimisation of isodose distributions.
Courses: PH38, PH90
Prerequisites: PCB386, LSB421
Corequisites: PCB497
Credit points: 12 **Contact hours:** 4 per week

► PCB497 MEGAVOLTAGE THERAPY 3
An extension of the topic introduced in PCB397 to include the full range of treatment by megavoltage therapy for cancer in specific sites. Consideration includes techniques, planning, patient positioning, outlines and measurements. Clinical experience is incorporated in this unit.
Courses: PH38
Prerequisites: PCB397, PCB389
Corequisites: PCB495
Credit points: 12 **Contact hours:** 4 per week

► PCB505 ADVANCED PHYSICAL CHEMISTRY
Dynamic electrochemistry, electrochemical processes including corrosion; advanced kinetics; quantum mechanics; surfaces and catalysts; thermodynamics.
Courses: ED50, IF29, IF39, IF71, IF83, IF84, IF86, SC01
Prerequisites: PCB305
Credit points: 12 **Contact hours:** 4 per week

► PCB514 INSTRUMENTAL ANALYSIS
Provides theoretical and practical framework for analysis with advanced instrumental techniques: atomic spectroscopy; mass spectrometry; HPLC; auto-analysers and flow analysis; advanced methods of data analysis: multivariate analysis, pattern recognition, classification and prediction. Complementary practical program.
Courses: ED50, IF39, IF71, IF83, IF84, IF86, IF87, SC01
Prerequisites: PCB414
Credit points: 12 **Contact hours:** 5 per week

► PCB524 UNIT OPERATIONS
Principles of particle mechanics, 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: PCB424
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

► PCB554 SYNTHESIS AND REACTIVITY IN ORGANIC CHEMISTRY
The principles and practice of synthesis planning; synthetically-useful reactions for interconversions of the common functional groups; carbon-carbon bond formation using organometallic reagents and enolates; selectivity and protection; aromaticity and heterocyclic chemistry.
Courses: ED50, IF29, IF39, IF71, IF83, IF84, IF86, SC01
Prerequisites: PCB354
Credit points: 12 **Contact hours:** 4 per week

► PCB561 QUANTUM & CONDENSED MATTER PHYSICS
Quantum physics provides the basis for understanding the structure of nuclei, atoms, molecules and solids. Part A: (Quantum Mechanics) main postulates of quantum mechanics, uncertainty principle, measurements in quantum mechanics, principle of superposition, operators, mathematical approaches in quantum mechanics, Schroedinger equation and its solution, infinite potential well, potential barrier, tunnelling effect, quantum oscillator, hydrogen atom, angular momentum, spin, spin-orbit interaction, Hartree theory of multi-electron atoms, electronic transitions in atoms, selection rules, identical particles, time-independent perturbation theory. Part B: (Condensed Matter Physics) Fermi energy, Fermi-Dirac distribution, density of states, electrical and thermal conduction, structure of Fermi surface, band structure of solids, Bloch functions, semiconductors, band gap, Hall effect, semiconductor devices, basic principles of superconductivity.
Courses: IF29, IF39, IF71, IF83, IF84, IF86, SC01
Prerequisites: PCB462 and (MAB134 or MAB311)
Credit points: 12 **Contact hours:** 4 per week

► PCB562 PHYSICAL METHODS OF ANALYSIS
The theory and practice of important analysis techniques relevant to the materials sciences will be covered with some examples drawn from industrial processes. Specific topics to be covered: structure of crystals: types of lattice, unit cells, Miller indices, crystal diffraction, reciprocal space. X-ray diffraction, texture and stress analysis, X-ray fluorescence, electron microscopy.
Courses: IF29, IF39, IF71, IF83, IF84, IF86, SC01
Prerequisites: (MAB112 or MAB132) and PCB462
Credit points: 12 **Contact hours:** 4.5 per week

► PCB567 ADVANCED RADIOGRAPHIC TECHNIQUE 1
A study of the principles and techniques used in advanced radiographic techniques including angiography, arthrography, sonography and sialography. A study of the appearances of pathology on medical images with particular emphasis on the radiographic image.
Courses: PH38
Prerequisites: PCB476, PCB479
Credit points: 12 **Contact hours:** 5 per week

► PCB580/1 CLINICAL RADIOGRAPHY 3
Clinical experience in special radiographic procedures as introduced in PCB476, and general radiography.
Courses: PH38
Prerequisites: PCB476, PCB479
Credit points: 12

► PCB580/2 CLINICAL RADIOGRAPHY 3
Clinical experience in advanced radiographic techniques as introduced in PCB567, and general radiography.
Courses: PH38
Prerequisites: PCB567, PCB580/1
Credit points: 12

► PCB584 FORENSIC EXAMINATION OF PHYSICAL EVIDENCE
An overview of the crime scene: its investigation and management; detection and collection of physical evidence, blood splash evidence, fire investigation, bomb scene, forensic osteology; expert evidence. Forensic photography; fingerprinting; forensic applications of optical and electron microscopy. Substantial laboratory and workshop sessions complement the theory.
Courses: 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 specialised techniques of orthovoltage and superficial therapy. A study of radioactivity including methods of radiation detection, radioactive equilibrium and production of radioisotopes, the principles and application of brachytherapy.
Courses: PH38
Prerequisites: PCB489, PCB497
Credit points: 12 **Contact hours:** 6 per week

► PCB590/1 CLINICAL RADIOTHERAPY 3
Clinical experience in specialised radiotherapy technique as discussed in PCB587 and PCB595.
Courses: PH38 **Prerequisites:** PCB489
Credit points: 12

► PCB590/2 CLINICAL RADIOTHERAPY 3
Clinical experience in specialised radiotherapy technique 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; grey scale palettes and look-up tables; 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 **Contact hours:** 4 per week

► PCB595 COMPUTER ASSISTED TREATMENT PLANNING 2
The use of computers in the planning of non-standard and complex radiotherapy treatment including arc and rotation techniques, irregular field techniques and 3 dimensional plans. Use of 3D computer planning system is included.
Courses: PH38 **Prerequisites:** PCB495
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: PH90 **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 PCB434, PCB505, PCB554, PCB514, PCB524
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. Build your own ECG amplifier and try it out on yourself. Microprocessors, microcomputers, assembly 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 characterisation of materials including: surface analysis (XPS, ESCA, SIMS), thermal analysis (TG, DTA, DSC), vibrational spectroscopy (DRIFT, PAS, Raman and FTIR microscopy), solid state NMR, and atomic emission spectroscopy.
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 alloys, ceramics, inorganic polymers, biopolymers, natural fibres and high technology polymers. The unit includes field trips to various industrial sites and a group problem-solving exercise.
Courses: ED50, IF39, SC01
Prerequisites: PCB524
Credit points: 12 **Contact hours:** 5 per week

► PCB634 ORGANOMETALLIC AND COORDINATION CHEMISTRY
Major topics covered are: organometallic chemistry, including metal-carbon bonding, main group and transition metal organometallics and applications of organometallic compounds in synthetic chemistry; bioinorganic chemistry and physical methods of structure determination, such as single crystal X-ray diffraction; chemical applications of group theory.
Courses: ED50, IF29, 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: trace metal speciation in environmental and biological systems; free-radical chemistry; membrane science and technology but including the important issue of the societal and ethical implications of the profession of chemistry.
Courses: ED50, IF29, IF39, SC01
Prerequisites: PCB434, PCB505, PCB554
Credit points: 12 **Contact hours:** 4 per week

► PCB648 APPLIED RADIATION AND HEALTH PHYSICS
Concepts of ionising and non-ionising radiation including aspects of environmental processes, radiation safety principles and measurement techniques will be developed through a series of lectures that will be supplemented by problem solving tutorials and laboratory sessions. Specific areas of study will include: natural radioactivity; technologically enhanced and artificially produced radioactivity; medical applications of radiation and radioisotopes; radiation gauges and their industrial applications; large gamma irradiation sources; mining and milling of radioactive ores; use of radioactive materials in research and teaching laboratories; ultraviolet, infrared, ELF, RF and microwave radiation; sources, hazards and measurement; measurement of radiation in air and soil samples; radiation surveys; personnel, area and contamination monitoring; dose assessment for workers and members of the public.
Courses: IF39, IF71, IF83, IF84, IF86, SC01
Prerequisites: PCB362, PCB404
Credit points: 12 **Contact hours:** 5 per week

► PCB661 EXPERIMENTAL PHYSICS
The content of experiments and projects will vary and be adapted to the interests of each student. Students will work independently on sophisticated laboratory experiments or project work with a minimum of staff direction. Skills developed during this unit include:- communication, problem solving, time management, written and oral presentation, reflective practice, technological literacy and working independently.
Courses: IF29, IF39, IF71, IF83, IF84, IF86, SC01
Prerequisites: PCB361, PCB460
Credit points: 12

► PCB665 PHYSICS 3
This unit extends the content of previous units in electromagnetism and the application of Maxwell's equations, electromagnetic waves, polarisation, dielectric permittivity, transmission line theory, waveguides, optic fibre theory, and antennae. The unit also includes a detailed study of magnetic resonance and laser physics, including applications of these topics.
Courses: IF29, IF39, IF71, IF83, IF84, IF86, SC01
Prerequisites: (MAB134 or MAB311), PCB362, PCB462
Credit points: 12 **Contact hours:** 4 per week

► PCB667 ADVANCED RADIOGRAPHIC TECHNIQUE 2
An extension of topics in advanced radiographic technique. A course of lectures and practical exercises on image interpretation including technical and diagnostic quality.
Courses: PH38 **Prerequisites:** PCB567
Credit points: 12 **Contact hours:** 4 per week

► PCB669 ASTROPHYSICS 2
General theory of relativity, gravitation, gravitational waves gravitational lensing. Space-time concept and singularities. 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 literature survey 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 experiences 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, PCB514
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 patient and patients with communicable disease,

total body photon and electron therapy. A course of lectures on the principles, strengths and stage of development of techniques that are integral or complementary to the modern radiotherapy treatment of cancer.
Courses: PH38
Credit points: 12 **Contact hours:** 6 per week

► PCB695 ADVANCED TREATMENT PLANNING TOPICS
A study of the principles and techniques of medical imaging used in the detection of cancer including CT, MRI, U/S and NM. This study also covers future directions of three-dimensional treatment planning.
Courses: PH38
Credit points: 12 **Contact hours:** 4 per week

► PCB700 RESEARCH PROJECT
All students undertaking Honours are required to select and undertake, in consultation with a supervisor, a substantial project in an appropriate area. Each project is assessed on the basis of an extensive written report and an oral presentation.
Courses: SC60 **Credit points:** 60

► 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
Review of operators and their role in quantum mechanics, different representations, Dirac notations and linear vector space, matrix approach to quantum mechanics, eigenvalues and eigenvectors, unitary transformations, R- and P-representations, tensor product of states, six postulates of quantum mechanics, concept of measurements, quantum entanglement, density matrix, general theory of angular momentum, two-level systems, non-relativistic theory of spin, spinors, hybrid orbitals and chemical bonding, theory of scattering, Born approximation, partial wave analysis, time-dependent perturbation theory.
Courses: SC60
Prerequisites: PCB561
Credit points: 12 **Contact hours:** 4 per week

► PCB707 ADVANCED MATERIALS
Amorphous and nanocrystalline structures; ceramics; metastable interstitial nitrides; composites; superconducting ceramics; fabrication techniques; testing and analysis of advanced materials; shock processing.
Courses: SC60
Credit points: 12 **Contact hours:** 4 per week

► PCB708 ADVANCED TOPICS IN PHYSICS
No more than three topics are included. The content is determined by current research advances, availability of appropriate staff, visiting academics, etc. and may vary from year to year.
Courses: SC60
Credit points: 12 **Contact hours:** 4 per week

► PCB742 ELECTIVE STUDIES
The subjects are chosen to suit individual students but the topics studied would normally be in specific areas of physical chemistry, analytical chemistry, inorganic chemistry or organic chemistry and would be chosen from subjects presently offered in the masters program or other post graduate programs. Relevant material from other accredited courses may be included as part or all of the requirement for this subject as directed by the Course Coordinator and Head of School.
Courses: SC60 **Credit points:** 12

► PCB780 ADVANCED TOPICS IN CHEMISTRY 1
First semester component of a two-semester unit covering a selection of advanced topics in the areas of physical, organic and inorganic chemistry. The topics offered reflect the expertise of the academic staff as well as the needs of the students.
Courses: SC60
Credit points: 24 **Contact hours:** 6 per week

► PCB789 ADVANCED RADIOTHERAPEUTIC PRACTICE 1
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: PH38, PH90 **Credit points:** 12

► PCN112 MEDICAL IMAGING SCIENCE
Introduction to the MATLAB programming language; programming techniques and algorithms and digital image processing. The principles of display, perception and interpretation of medical images. Image quality. Imaging in nuclear medicine.
Courses: PH71, PH80, SC60
Credit points: 12 **Contact hours:** 4 per week

► PCN113 RADIATION PHYSICS
Radioactivity and the interaction of ionising radiation with matter; applied radiation counting techniques; biological effects of ionising radiation at 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. This includes the applications of 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 1
The normal and abnormal anatomy and functions related to gynaecology and obstetrics, the ultrasonic techniques used and the appearance of related images. A study of the technique used in the ultrasonic examination of the abdomen including the appearance on the ultrasound image of normal abdominal anatomy and its alteration by pathological processes.
Courses: PH71, PH80
Credit points: 12 **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 ultrasound equipment and the role and responsibilities of the sonographer in producing a diagnostic examination. Topics include; general scanning principles and considerations, care of equipment, physics of ultrasound, ultrasound equipment features, image production and processing, artefacts, image recording methods, quality 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 equipment and contrast media considerations; 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
Medical imaging of the breast; principles of mammographic and sonographic imaging; breast anatomy and physiology; pathological conditions affecting the breast and their appearances; advanced mammographic techniques; mammographic and sonographic quality assurance.
Courses: PH60, PH71, PH80
Credit points: 12 **Contact hours:** 3 per week

► PCN187 SPECIALIST STUDIES
A student-centred learning unit that allows students to explore specialist techniques 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 as applicable to their area of specialisation and meet minimum requirements of clinical hours and case scope and numbers.
Courses: PH60, PH71, PH80 **Credit points:** 12

► PCN211 MEDICAL IMAGING
The physical principles involved in the production of radiographic, ultrasonic and magnetic resonance images; quality control protocols.
Courses: PH71, PH80, SC60
Credit points: 12 **Contact hours:** 4 per week

► 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; minimisation 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, basic management, legal and ethical issues involved in their particular speciality area. Topics include; the role and purpose of professional bodies, professional communication, legal and ethical issues, basic professional management techniques and issues.
Courses: PH71, PH75, PH80, PH85
Credit points: 12 **Contact hours:** 3 per week

► PCN259 CARDIAC ULTRASOUND 1
The field of medical ultrasound is scientifically based, in an environment that is rapidly changing and undergoing considerable technological advancement. A thorough understanding of the techniques used in the evaluation of the foetal, paediatric and adult heart is essential for professionals working in this field. Topics include; patient preparation and communication requirements, basic electrocardiograph (ECG) patterns, standard ultrasonic 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
Magnetic resonance imaging as applied to medical imaging; the principles, instrumentation and advanced imaging sequencing parameters of MRI; image production, manipulation and storage; 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

► PCN318 RADIOGRAPHIC 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 principles and equipment requirements of ultrasound applications in the cardiovascular system; the clinical techniques and diagnostic criteria of such applications in particular those of the peripheral arterial and venous systems and the heart.
Courses: PH71, PH80
Prerequisites: PCN159, 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 obstetrics and gynaecology and in the abdomen.
Courses: PH71, PH80
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 PCN259 by introducing concepts and techniques of the complex hemodynamic examinations and discussing the applications of the techniques described to common pathological clinical situations. Topics include; spectral and colour Doppler examinations, 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: PH75, PH85 **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 as applicable to their area of specialisation and meet minimum requirements of clinical hours and case scope and 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 more advanced applications of echocardiography. The advanced areas of diastolic function, unusual pathologies, the assessment of congenital heart lesions in the foetus, and paediatric and adult patient, and new and evolving technologies 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. In this unit, basic echocardiographic skills are developed through employment and training in a QUT approved clinical department. Clinical skills are developed and evaluated by QUT approved clinical supervisors, in consultation with QUT academic staff.
Courses: PH75, PH85 **Credit points:** 12

► PCN520 PROJECT (FT)
The project may take the form of research development, a design, a feasibility study, or the collation of scattered information on a given topic. The project can be undertaken externally under QUT supervision. Time spent on projects is one semester for full-time and two semesters for part-time students.
Courses: PH80
Credit points: 48 **Contact hours:** 18

► PCN540 PROJECT (PT)
The project may take the form of research development, a design, a feasibility study, or the collation of scattered information on a given topic. The project can be undertaken externally under QUT supervision. Time spent on projects is one semester for full-time and two semesters for part-time students.
Courses: PH80
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 employment and training in a QUT approved clinical department. Clinical skills are developed and evaluated by QUT approved clinical supervisors, in consultation with QUT academic staff.
Courses: PH75, PH85 **Credit points:** 12

► PCN640 PROJECT
The project may take the form of research development, a feasibility study, or the collation of disparate, scattered information. The project can be undertaken externally, under QUT supervision. The project would normally be undertaken part-time over 2 semesters.
Courses: PH85 **Credit points:** 12

► PCN701 TOPICS IN ADVANCED CHEMISTRY 1
A series of lectures and/or a reading program and/or selected laboratory exercises designed to provide the student with the appropriate theoretical and practical background, at an advanced level, necessary for the completion of a research program.
Courses: SC80 **Credit points:** 12

► PCN705 RESEARCH METHODOLOGY
A guided program of literature surveys to provide the background information for the research project. This unit enables students to develop verbal and oral communication skills required for the successful conduct of a chemical research project. During the course students will be required to attend and participate in seminars. Students must present two seminars on their own research.
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 chemical data acquisition and interpretation; computational methods and existing software packages for statistical analysis in chemistry; statistical methods in quality and process control; sampling procedures; multivariate analysis and optimisation techniques.
Courses: SC80 **Credit points:** 12

► PCN730 ADVANCED PHYSICAL METHODS IN CHEMISTRY
The 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 an aid in data analysis and presentation, basic skills of input, manipulation and examination of output for statistical analysis of data in decision making; the range of information systems and appropriate data analysis software; utilisation as a professional tool.
Courses: BN31, PS47, PS48
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 communicator of results; diagramming; lettering; layout; visual themes; different media and reproduction; scale; legibility; graphic organisation; realism and abstraction; axonometric; perspective; freehand and technical drawing.
Courses: BN31
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1

► PSB414 PROFESSIONAL SKILLS 1
Basic information retrieval skills and presentation; introduction to academic life; learning skills, time management; QUT library as a resource; writing process: types, formats, styles, bibliographic connections; indexing and abstract services; electronic information retrieval; personal file management; evaluating information
Courses: BN31, PS47, PS48
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 **Prerequisites:** PSB411
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

► PSB423 GROUP DYNAMICS
Basic theories and concepts of psychology and human behaviour: role of self concept, locus of control in transactions, perception, learning processes, problem-solving, hierarchy, and dynamics of working with others. Group process skills: small group communication, verbal /non-verbal languages; listening, assertive and negotiating skills; values, personalities and cultural differences in-group functioning.
Courses: BN31
Credit points: 12 **Contact hours:** 3 per week
Campus 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, site measurement; use of maps and air photos. Module B: surveying. Module C: science. Module D: statistics. Disciplines: Surveying - Modules A and B. Landscape Architecture - Modules A and C. Urban and Regional Planning - Modules A and D.
Courses: BN31, PS47, PS48
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 2

► PSB431 PLANNING/LANDSCAPE DESIGN 3
Theory - reinforcement of the design process. Character - components, types and delineation. Place/use relationships. Practical - projects requiring application of knowledge and skills reacting to places and their uses, supported by relevant graphic and oral communication techniques. The projects are linked at an urban scale. These proposals are communicated through drawings and illustrated reports. The studio requires an increased emphasis on group work at the investigative stage.
Courses: BN31
Prerequisites: PSB421, PSB413
Credit points: 12 **Contact hours:** 4 per week
Campus offered: GP **Semester offered:** 1

► PSB432 HISTORY OF BUILT ENVIRONMENT
Lectures will cover the history of human occupation and use of the land, particularly the design and development of human settlements and the evolution of the professions involved in these activities in a global overview. The unit will cover the historical development of significant designed landscapes throughout the world, from earliest times to the present day, in their social and political contexts, emphasising current ideas and philosophies. This unit provides an introduction to the large body of knowledge, understanding and different interpretations about landscape and planning history.
Courses: BN31
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1

► PSB433 PLANNING PROCESSES (URP ONLY)
Planning as a creative and value-based activity. The problem-solving process that links places, activities, and underlying values. Planning method as a progressive and cyclic process, incorporating the logic of conscious planning, identification of problems and issues, the roles and derivation of objectives, analysis and projection of activity systems, resource and issue analysis, synthesis in planning, decision-making, implementation, and evaluation. The emerging fields within community and land use planning. The examples will cover outputs dealing with spatial scale (regional, metropolitan, urban and local) and conceptual scale (strategic visions, program plans, projects, policies).
Courses: BN31
Prerequisites: PSB414, PSB423
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1

► PSB434 LANDSCAPE CONSTRUCTION A (L/A ONLY)
The units comprise three primary components: grading (manipulation of land surfaces); materials and construction elements (development of understanding of the properties and use of common construction materials relevant to landscape construction; introduction to structures (principles of structural mechanics). In all of these components attention will be paid to: development of appropriate technical drawing and documentation techniques for the preparation of construction documentation.
Courses: BN31
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1

► PSB435 SOCIAL AND CULTURAL RELATIONS
Introduction to some of the underlying social relationships and their structures in contemporary Western urbanisation. Application of sociological theories by way of analysis of an urban environment with respect to its socio-cultural functions. Theory of human functioning in urban environment: privacy, personal space, environmental meaning and cognition. Analysis of major concepts in urban life including; concepts and ideas of capitalism, the relation between production and current restructuring of production, social relationship.
Courses: BN31
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1

► PSB441 PLANNING/LANDSCAPE DESIGN 4
Theory - reinforcement of site planning and techniques. Development and communication of vision statements, aims and objectives. Designing for sustainable futures ensuring a strong community participation facility. Using design science principles to ensure comfort and fit. The principles of designing for climate, the affects of topography, vegetation, structures, and surface materials are all considered as part of the design solution/s. 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 orientated proposals for the community/location improvement. The studio requires a balance of individual and group work and is supported with tutorials on graphics and oral presentation techniques.
Courses: BN31 **Prerequisites:** PSB431
Credit points: 12 **Contact hours:** 4 per week
Campus offered: GP **Semester offered:** 2

► PSB442 PLANT STUDIES (L/A ONLY)
(a) Plant Ecology: Resources for studying plants (established and personal herbariums, keys, other locally), classification and nomenclature, evolution of the plant kingdom, plant systematics, plant structure, plant anatomy, plant physiology, form and function, requirements for plant growth, plants and habitats, populations, ecosystems, disturbance, weeds, pattern and diversity. (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 **Prerequisites:** PSB422
Credit points: 12 **Contact hours:** 3 per week
Campus 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 migration and planning for multi-cultural cities. Urban Studies: Urban concepts and theoretical approaches to urban studies, Internal structure of cities and urban hierarchy, Economic restructuring and employment in cities, Small towns in Australia, Gentrification, Housing supply and demand, Residential patterns in Australian cities, Urban landscapes and city images, Sustainable urban development, Urbanisation and housing issues in developing countries.
Courses: BN31
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 2

► PSB444 LANDSCAPE CONSTRUCTION B (L/A ONLY)
The units comprise three primary components: grading (manipulation of land surfaces); materials and construction elements (development of understanding of the properties and use of common construction materials relevant to landscape construction); introduction to structures (principles of structural mechanics). In all of these components attention will be paid to: development of appropriate technical drawing and documentation techniques for the preparation of construction documentation.
Courses: BN31 **Prerequisites:** PSB434
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 2

► PSB445 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 decision, policies and implementation on the physical, social and cultural environment. Introduction to the basic requirements of human settlements in terms of other 'hard' infrastructure, including planning for community services, water supply, sewerage, electricity, electronic communications and infrastructure financing. Introduction to basic human services planning. The impacts of changing materials and technology on infrastructure and settlements, as well as the possible changes that may occur in the foreseeable future.
Courses: BN31
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 2

► PSB451 PLANNING/LANDSCAPE DESIGN 5
Classes will be based on one or at most two projects. For each 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 **Prerequisites:** PSB441
Credit points: 12 **Contact hours:** 4 per week
Campus offered: GP **Semester offered:** 1

► PSB452 PROFESSIONAL SKILLS 2
The sources and importance of systems of values. Appreciation of the diversity of values in modern Australian society. Exploration of relevant codes of professional conduct. Explorations of value based and ethical implications relevant to topical issues of the day, such as land development, conservation, government policies, changing technology, or cultural diversity. Identification of potential sources of conflict in communities and groups. Principles of conflict management. Conflict management processes and techniques related to relevant aspects of professional activity, including community consultation, working with groups, professional teams and the like. Approaches to effective and principled negotiation.
Courses: BN31 **Prerequisites:** PSB414
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1

► PSB453 ELECTIVE 1
Elective Units may be offered by the School or through other faculties within the University. All electives are to be approved by the course coordinators.
Courses: BN31
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1

► PSB461 PLANNING/LANDSCAPE DESIGN 6
This unit requires individual work supported by informal workshops. The content is organised within a community and based upon an area, which has a complex array of uses, constraints and opportunities. Following an overview of the given area and a statement of broad directions for improving the quality of the physical and social environments, each student proposes an individual study topic. The topic 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 for the study topic. The unit allows each student to interact personally with members of the community and to develop a climax project for their own folio of work.
Courses: BN31 **Prerequisites:** PSB451
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 environment. The lectures will include an introduction to the Australia ICOMOS' Burra Charter, and cover conservation principles and accepted procedures, methods of researching and recording, assessment of cultural & natural significance, and locally applicable protective heritage legislation. The management unit segment deals with the roles 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 **Prerequisites:** PSB432
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 2

► PSB463 ELECTIVE 2
Elective units may be offered by the School or through other faculties within the University. All electives are to be approved by the course coordinators.
Courses: BN31
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:** 1

► PSB611 INTRODUCTION TO URBAN AND REGIONAL ECONOMICS
Microeconomics (global and national macroeconomic forces as they affect firms will be outlined); a free market and its imperfections; market failure and the concepts of private and public interest, equity and the role of government; land as an economic concept; economic models of urban land use; valuation theory and concepts of land value, tenure, ownership, resumption, compensation, land use controls and zoning; economics of important town planning issues such as housing, infrastructure, and urban finance; economic growth and stability; optimal size and the problem of externalities; methodologies such as regional accounting and cost benefit analysis.
Courses: PS47, PS48, BN31
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 2

► PSB612 SPATIAL AND LAND INFORMATION MANAGEMENT
Spatial Information Science Application Areas: application areas; resource management; urban and rural planning; cadastral administration; facilities management. System Planning: system planning overview; functional requirements analysis; system evaluation; benchmarking. System Implementation: database creation; implementation issues; implementation strategies. Other Aspects: standards; legal issues; knowledge-based techniques.
Courses: PS47, PS48 **Prerequisites:** PSB631
Credit points: 12 **Contact hours:** 4 per week
Campus offered: GP **Semester offered:** 1

► PSB613 LAND DEVELOPMENT PRINCIPLES AND POLICIES
Principles and policies concerned with sustainability of land development from an economic, ecological and social perspective.
Courses: PS47, PS48, BN31
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. The effects of technology and social attitudes on urban land development. The physical, economic and social determinants of land use. Land development as an economic activity. Economic and social benefits of land development controls. Site analysis and assessment; opportunities and constraints, sieve mapping, GIS application. The site in its broader context. Spatial models; models for levels of activity and location of activities, optimising models. Elements of traffic planning, road capacities, road hierarchies. Geometric layout of rural and urban roads. Storm water and sewerage drainage for urban subdivisions. Subdivision design; lot geometry, and orientation, road hierarchies and access; open space systems, radburn. Provision and location of services. Detailed treatment of development controls affecting subdivisions - negotiations, applications, and appeals. Preparations for Court, precedents.
Courses: PS47, PS48 **Prerequisites:** PSB613
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 canal estates, industrial estates, group title, building units, and other strata titles. Costing and cash flow analysis for subdivision projects. Feasibility studies, designing to a budget. Preparation of a complete application for a local authority approval.
Courses: PS47, PS48 **Prerequisites:** PSB614
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 Customary Land Tenure, Private Deeds registration, Public Deeds Registration, and Registration of Title. An analysis of reinstatement of property boundaries as applicable to Queensland. Undertaking of a field survey to reinstate the boundaries of a section in the Brisbane Metropolitan area. Preparation of cadastral and detail survey plans for survey actions. The legal aspects of re-instatement of boundaries. Case law associated with reinstatement. 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 as a method of resource control. Creating and maintaining knowledge of property rights; including issues concerned with parcel identifiers, land tenure, land boundaries, land subdivision, land registration, changing rights through statutory changes, attitudes and responses of the public. Evidence of property rights, evolution from customary land tenures to land registration systems, and factors leading to breakdown of systems. Effects of technological change on land use, evolving property rights and obligations, and on information technology on land use controls. Procedures of the various departments including but not confined to, the Department of Lands, Resources Industries. Plan registration, Road closure, Resumption surveys, Conversion of Mining tenure to freehold, Conversion of pastoral tenures to freehold, Excision 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 **Prerequisites:** PSB620
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 scanners; raster/vector conversions; digitising techniques; scanning problems; output devices; printers, plotters, scanner plotters, image setters. 3-D representation and precision plotting. Conditions for orthogonality, conformality, equivalence and equidistance Selection of suitable projection. Construction of map projections
Courses: PS47, PS48
Credit points: 12 **Contact hours:** 4 per week
Campus offered: GP **Semester offered:** 1

► PSB631 GEOGRAPHIC INFORMATION SYSTEMS 1
This unit investigates the basic concepts of geographic information systems. Topics to be covered include components of GIS, spatial databases, data acquisition, reference frameworks, use of photographs and images, spatial analysis and graphic output design issues.
Courses: PS47, PS48
Credit points: 12 **Contact hours:** 4 per week
Campus offered: GP **Semester offered:** 2

► PSB632 PHOTOGRAMMETRY
Basic elements of the photogrammetric mapping process; planning and execution of the project control for Photogrammetry. Mathematics for Photogrammetry, geometry and use of a stereo model; Space Resection of a Single Photograph. Aerotriangulation with Independent method. Block triangulation by bundle method GPS controlled photography. Principles of plotting with a stereoplotter, Rectification of Photographs. Acquisition of plan and height points, accuracy assessment. Digital Mapping and its relationship to Geographic Information Systems and Remote Sensing.
Courses: PS47, PS48
Prerequisites: PSB631, PSB642
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; reprographics and printing methods; desktop publishing, colour system for cartographic drawing; colour separation, grid and graticules and design layout, interactive mapping and selection of layers, generalisation and symbolisation
Courses: PS47, PS48 **Prerequisites:** PSB632
Credit points: 12 **Contact hours:** 4 per week
Campus offered: GP **Semester offered:** 1

► PSB640 SURVEYING
This unit will extend the theory and practice of PSB424 Land Science to provide: a foundation in field instrumentation and survey computations: framework for acquisition of a high level of knowledge and practical competence in plane survey computations, use of optical and electronic theodolites, EDM and total electronic station systems; focus on collection/presentation of pre-design contour and detail spatial information.
Courses: PS47, PS48
Prerequisites: PSB424 (PS47 only)
Credit points: 12 **Contact hours:** 5 per week
Campus offered: GP **Semester offered:** 2

► PSB641 ENGINEERING SURVEYING
Horizontal and Vertical alignment for route surveys. Areas, volumes and earthworks. Surveying measurements and their assessment, Propagation of Variances, Pre-analysis of survey tasks, Least

Squares adjustment methods for various functional and stochastic models.
Courses: PS47, PS48 **Prerequisites:** PSB640
Credit points: 12 **Contact hours:** 5 per week
Campus offered: GP **Semester offered:** 2

► PSB642 CONTROL SURVEYING AND ANALYSIS
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, meridian arc. Spheroid as a geodetic reference surface, latitude, longitude, geoid separation and ellipsoidal height. Mutual conversion of geodetic and Cartesian co-ordinates.
Courses: PS47, PS48
Prerequisites: PSB641, MAB730
Credit points: 12 **Contact hours:** 5 per week
Campus offered: GP **Semester offered:** 1

► PSB643 GEODESY
Theory: Concept and classification of geodesy, the basic concepts of the earth's gravity field, level surfaces and plumb lines, heights, geoid, mean sea level, spherical harmonics etc., fundamentals of satellite geodesy, reference coordinate systems. GPS positioning models and algorithms, software, GPS field observing, various GPS applications in geomatics. Mapping terms and definitions; the mapping problem. Principles for deriving projections. The use of skew graticules. The UTM system
Courses: PS47, PS48
Prerequisites: PSB642
Credit points: 12 **Contact hours:** 4 per week
Campus offered: GP **Semester offered:** 2

► PSB644 ADVANCED GEODESY
(a) Theory: GPS operation and navigation messages, GPS observable and error budget, differencing techniques, GPS positioning models and algorithms, software, GPS field observing, Static, Kinematic, RTK and various GPS applications in geomatics (b) Practicals: GPS Network
Courses: PS47, PS48 **Prerequisites:** PSB643
Credit points: 12 **Contact hours:** 4 per week
Campus offered: GP **Semester offered:** 1

► PSB645 SURVEYING AND MAPPING PRACTICE
Field surveys for DTMs as-constructed surveys, associated specifications and standards. Mining surveying for surface and below surface mining activities. Hydrographic surveying for exploration and port management.
Courses: PS47, PS48 **Prerequisites:** PSB642
Credit points: 12 **Contact hours:** 4 per week
Campus 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 code of the unit being taken.
Courses: PS47, PS48 **Credit points:** 12
Campus offered: GP **Semester offered:** 1

► PSB651 PROJECT 2
(1) Students will study an existing approved unit from within the School, Faculty or University. Students will study the chosen unit under the above elective code. Or (2) Students will study a special topic of interest such as a series of lectures delivered by a specialist in that field, in which case a unit outline will be prepared and issued before the commencement of that unit. Students will study under the above elective code. Or (3) In the case of an approved stream of study, students may be allowed to enrol in the actual code of the unit being taken.
Courses: PS47, PS48 **Credit points:** 12
Campus offered: GP **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
Campus offered: GP **Semester offered:** 1, 2

► PSB653 TOPICS IN SURVEYING ENGINEERING
Students will study a special topic in Surveying Engineering as a course 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
Campus offered: GP **Semester offered:** 1, 2

► PSB654 TOPICS IN GEOGRAPHIC INFORMATION SYSTEMS
Students will study Geographic Information Systems a series of lectures 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
Campus offered: GP **Semester offered:** 1, 2

► PSB655 REMOTE SENSING
History and principals of remote sensing. Types of imagery, image interpretation, satellite systems. Supervised and unsupervised image classification. Interpretation, analysis and presentation of data. Applications in the earth sciences.
Courses: PS47, PS48
Credit points: 12 **Contact hours:** 4 per week
Campus offered: GP **Semester offered:** 1, 2

► PSN211 RESEARCH PROJECT 1
Ensures the understanding and demonstration of relevant research skills and their effective application in a project of genuine substance and significance. Each student will undertake a Research Project in one of the elected specialisations: Landscape Design, Landscape Planning, Landscape Theory, Landscape Practice, Landscape Management. Each student will be assigned to a supervisor approved by the Course Coordinator. In general, the supervisor will provide guidance on the selection of topic, investigation and research, and preparation of the proposals and submission. Research Project 1 will incorporate advanced Information Retrieval Skills. The output will be a proposal for the specific Research Project that outlines the relevant base theory and clearly communicates the potential extent of the Research Project.
Courses: BN73, PS69, PS70, PS71
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1, 2

► PSN212 RESEARCH PROJECT 2
Ensures the understanding and demonstration of relevant research skills and their effective application in a project of genuine substance and significance. Each student will undertake a Research Project in one of the elected specialisations: Landscape Design, Landscape Planning, Landscape Theory, Landscape Practice, Landscape Management. Each student will be assigned to a supervisor approved by the Course Coordinator. In general, the supervisor will provide guidance on the selection of topic, investigation and research, and preparation of the proposals and submission. Research Project 2 requires the completion, communication and presentation of the research project to professional standard.
Courses: BN73, PS70, PS71
Prerequisites: PSN211
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1, 2

► PSN214 ELECTIVE
Allows development of depth in understanding of issues related to the elected specialisation. The School may offer specific programs in areas of specialisation or students will elect unit/s from within the University or, where appropriate, from other universities and approved by the Head of School on the recommendation of the student's supervisor and which will give breadth and/or depth within the student's specialisation.
Courses: BN73, PS69, PS70, PS71
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1, 2

► PSN221 ADVANCED SPECIALISATION
The student develops further the approved specialised topic. Students may apply for approval for a specific Advanced Specialisation utilising units offered elsewhere in QUT or at another tertiary institution that must, for approval, be an extension of the specialisation studied in PSP510 Specialisation in an earlier semester. The Advanced Specialisation is normally linked to the PSN212 Research Project II. Areas of specialisation are Regional and Local Development, Urban Housing and Community Development, Urban Design, Environmental and Resource Planning and Special Topic.
Courses: PS70
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 2

► PSN223 SPECIAL TOPICS IN PLANNING METHODS
Offers support material appropriate to the specialisation the student is undertaking. For example, advanced computer models for economic and demographic forecasting; advanced Geographical Information Systems and advanced computer graphics; regional accounting and regional economic analysis; post-occupancy evaluation of the urban fabric; and possibly advanced presentation and communication techniques.
Courses: PS70
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 2

► PSP211 RESEARCH PROJECT 1 & ADVANCED RESEARCH METHODS
Literature reviews. Review of quantitative and qualitative research methodologies. Forecasting and analysis for planning and use of microcomputer statistics, information and analysis packages. 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, PS72
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1

► PSP261 LANDSCAPE CONSTRUCTION 1
Introduction to basic equipment for site measurement recording of field data and the preparation of measured site drawings from recorded data. Definition of terms; structural units and types of structures; loadings and types (including find loading). Manual techniques of land surface manipulation: Development of understanding of the properties of common construction materials and built elements and their application in landscape construction. Appropriate techniques for preparation of construction documents. Costing of broad development types.
Courses: PS66, PS71 **Credit points:** 12
Campus offered: GP **Semester offered:** 1

► 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 expectation of the profession. Time and percentage measurement and costing related to the professional services of promotion, obtaining commissions, allocating time and resources to projects, the use of consultants; and units of management. A review of the Australian and Queensland Acts, Local Authority By-laws, and regulations of statutory authorities as they affect the profession; legal aspects of land and land transfer; planning, land use, and construction regulations; and an overview of environmental law. Processes of why, when, how and where we use the different

forms of visual communication to suit our purposes; the physical processes i.e. the basic tools, materials and techniques (manual and computer aided). Formal writing techniques including reports, instructions, proposals (including CV/folio), specifications, correspondence, and text for publication. Formal oral communication techniques including meetings, conferences, interviews, professional presentations and other speeches (informative and persuasive). Advanced Information Retrieval skills and communications by email and the World Wide Web.
Courses: PS66 PS71
Credit points: 12 **Campus offered:** GP

► PSP263 LANDSCAPE ECOLOGY
Structural relationships of spatial elements within land mosaics from continental to landscape scales as interpreted using maps, air photography and remotely sensed images; dynamic process, both natural and human. Fundamental principles of plant anatomy and physiology, plant identification, plant growth and development, sexual and vegetative propagation. Dynamics of individual organisms, populations, communities, functional groups, ecosystems and biomes.
Courses: PS66 PS71
Credit points: 12 **Campus offered:** GP

► PSP264 SPATIAL DESIGN THEORY
Theories, values, rationales, and philosophies of place; design processes and dimensions; imageability and liveability factors; the role of context (natural, social, aesthetic) in site and urban development. Exploration of open space and place theory at regional to local scales. Theories of user/place relationships and the study of human functioning in environments; concepts of culturally and physically inclusive lifespace and behaviour settings; techniques for the assessment or evaluation of the environment including observational techniques and the application of these ideas through the use of case studies, exercises, and personal experience in daily life.
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 landscape 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 landscape construction. Appropriate techniques for preparation of 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 landscapes - those created by human beings) within a global context, highlighting Australia; use of chronological, biographical and thematic approaches to understanding changes. The theory and practice behind the conservation of the built environment, and especially cultural landscape heritage; an introduction to the Venice Charter, the Florence Charter & Australia ICOMOS' Burra Charter; conservation principles and accepted procedures Plant Studies: The contemporary theory and practice behind the use of plants by landscape architects;
Courses: PS66 PS71
Credit points: 12 **Campus offered:** GP

► PSP268 SITE PLANNING
Theory: introduction to the processes of site planning and detailed site design; role and objectives of survey and analysis phases; types of information required and the methods of processing the resultant data; data analysis, its scope and documentation. The use of data analysis to generate and evaluate possible problem solutions in conceptual form as a basis for strategic and master planning; and the value of these processes as a long term mechanism for adaptation of master planning to meet changing needs. Application of site planning principles and theory for different scales and types of projects;.
Credit points: 12
Campus offered: GP **Semester offered:** 2

► PSP269 ADVANCED CONSTRUCTION AND PRACTICE 1
Landscape Construction: theory and techniques of a range of types of landscape construction including platforms, land stability and stabilisation, clearing and demolition, earth dams, lakes and flood levees, sports facilities and swimming pools; hydrology - rainfall and runoff, flood estimation, water flow in streams; hydraulic structures - flood retention and detention, drains, culverts, water flow in pipes; design and construction of dams, weirs and other artificial water bodies; aquatic planting and stabilisation of stream banks; and construction site management. Documentation: the types of documentation used for the implementation of landscape works. Computer Support: Students will be required to apply skills using the computer aided drafting systems. Contracts: principles of contract law, forms of contract, standard conditions of contract and engagement; and specific requirements of contract documents. Management: principles of marketing, client analysis, and promotion.
Courses: PS66, PS71
Credit points: 12 **Campus offered:** GP

► PSP271 ADVANCED LANDSCAPE DESIGN 1
Contemporary theories of urban design as they affect the range of urban landscapes from residential to inner city; and emerging theories and concepts of regional and local economic development as they relate to sustainable landscapes in terms of living and working environments. Application of theoretical frameworks to the studio project that will explore design or re-design of selected aspects of the urban environment, residential environments and broader urban issues of the contemporary urban context. Expectations of an advanced level of professional presentation will attach to the project output.
Courses: PS66, PS71
Credit points: 12 **Campus offered:** GP

► PSP272 ADVANCED CONSTRUCTION AND PRACTICE 2
Landscape Construction: theory and techniques of a range of types of landscape construction including platforms, land stability and stabilisation, clearing and demolition, earth dams, lakes and flood levees, sports facilities and swimming pools; hydrology - rainfall and runoff, flood estimation, water flow in streams; hydraulic structures - flood retention and detention, drains, culverts, water flow in pipes; design and construction of dams, weirs and other artificial water bodies; aquatic planting and stabilisation of stream banks; and construction site management. Documentation: the types of documentation used for the implementation of landscape works. Computer Support: Students will be required to apply skills using the computer aided drafting systems. Contracts: principles of contract law, forms of contract, standard conditions of contract and engagement; and specific requirements of contract documents. Management: principles of marketing, client analysis, and promotion.
Courses: PS66, PS71 **Credit points:** 12

► PSP273 LANDSCAPE PLANNING
Landscape planning theory: the theoretical framework of landscape planning: relevant theories, methods, and techniques for application in the landscape planning process. Computer Modelling: types of GIS, potentials and problems, and current issues. Advanced Landscape Ecology: Structure of landscapes, impacts of human settlement. Studies will include medium to large-scale projects involving a range of biophysical, cultural, and visual issues with a relatively high degree of complexity. The focus will be on assessment and evaluation of related landscape attributes and issues with emphasis on deriving landscape management options in the form of environmental plans, policies, guidelines, and implementation strategies.
Courses: PS66, PS71
Credit points: 12 **Campus offered:** GP

► PSP274 ADVANCED LANDSCAPE DESIGN 2
Cultural Values: provides the theoretical background to an understanding of how cultural values influence place making through interpretations of place and the cultural landscape. Studio: Advanced Landscape Design 2 is the last design unit in the course. It follows Advanced Landscape Design 1 that introduced the complex multi-disciplinary approach required to study the public and private urban landscape. The studio project focus of this unit will provide the opportunity to develop a graduating landscape design project of the highest standard. The project will explore broad scale landscape design and strategic planning and planning guidelines as well as detailed design at a fine scale. Students will be expected to make time available outside studio hours to visit project site(s) and carry out such site surveys and a client interviews as are necessary to establish project briefs and carry out the design project. Expectations of an advanced level of professional presentation will attach to the project output. Communication workshops: active workshops designed to explore communication options to achieve a sophisticated, effective and professional standard of presentation on large scale and/or complex work packages. Students unable to participate in the formally organised activity will be required to undertake an approved alternative activity of similar extent and objectives.
Studio.
Courses: PS66, PS71
Credit points: 12 **Campus offered:** GP

► PSP275 INTRODUCTORY DESIGN AND GRAPHICS
The modules in this Unit will introduce a basic understanding of design and perception theory, freehand and technical graphics necessary for meaningful participation in professional core studies. By the end of this unit students are expected to, understand basic concepts of perception and basic design techniques and theories, and to develop a design appreciation, design awareness, and a design vocabulary; develop an initial proficiency in freehand and technical drawing and to develop understanding of basic drawing conventions and processes; and develop adequate basic skills to generate confidence for individual progress with style and technique in later study.
Courses: PS66 **Credit points:** 12

► PSP311 PROFESSIONAL PRACTICE MANAGEMENT
Business communication; letters, report writing, correspondence and administration for surveying projects. Oral communication involving interviews, meetings, workshops and seminar presentations. Office management, business operations and finance. Small business and the law including trade practice, contract, taxation, employment and workplace and safety legislation. Professional ethics, professional bodies, the Surveyors Act and Regulations, disciplinary procedures, relationships, clients and marketing. Survey integration and aspects of change in the practice of surveying.
Courses: PS68

Credit points: 12 **Contact hours:** 42
Campus offered: GP **Semester offered:** 1

► PSP314 BOUNDARY DEFINITION SURVEYS 1
Land registration requirements; Cadastral history, field procedures and records; Reinstatement theory and practice related to urban and rural boundaries; Field survey work involving the redefinition of urban and rural boundaries; Office reinstatement exercises of increasing complexity to develop the necessary skills in assessing various types of survey problems. Office completion of project work including plan preparation using appropriate computer technology.
Courses: PS68
Credit points: 12 **Contact hours:** 42
Campus offered: GP **Semester offered:** 1

► PSP316 SURVEY COMPUTING & PROCESSING
Understand and use of the DOS operating system and computer programming; Word processing; project management, spreadsheets; Programmable calculators for field use; Surveying and drafting packages; Management and technical applications.
Courses: PS68
Credit points: 12 **Contact hours:** 42
Campus offered: GP **Semester offered:** 1

► PSP317 PROPERTY DEVELOPMENT SURVEYS
An examination of the legislation involved with the above. Detailed consideration of urban and rural subdivision design and requirements. Procedures involved with rezoning and subdivision applications. Detailed consideration of building units and group titles developments. Considerations of multiple use development.
Courses: PS68
Credit points: 12 **Contact hours:** 42
Campus offered: GP **Semester offered:** 1

► PSP323 PROJECT SITE SURVEYS
Detail surveying; methods, equipment, data requirements and data transfer; Preparation of specifications and estimates of costs; Detail survey field project work; Processing of field data, report and plan presentation. Types of construction and building control surveys and preparation of plans and specifications. Inspections of building construction sites are involved; receipt of instructions, documentation, and communication with contractors. Field procedures including high precision survey and error adjustment techniques involved with construction and building control surveys and construction site set out calculations.
Courses: PS68
Credit points: 12 **Contact hours:** 42
Campus offered: GP **Semester offered:** 2

► PSP326 GIS & GPS
Project work involving the total assessment, planning, costing and preparation of specifications for a comprehensive mapping task. Consideration to GPS theory and practical application of the methods to conventional surveying. Consideration of LIS/GIS Technology and its practical application in conventional surveying practice.
Courses: PS68
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 field methodology, documentation requirements of field records and determination and assessment of results. Management of engineering survey projects including determination of costing, preparation of submissions, working with other professionals and dealing with on-site variations. Consideration of specific requirements related to: long-line survey control; road surveys; flood surveys; curves and batter staking and other marking for construction and road design.
Courses: PS68
Credit points: 12 **Contact hours:** 42
Campus offered: GP **Semester offered:** 2

► PSP328 BOUNDARY DEFINITION SURVEYS 2
Reinstatement exercises becoming increasingly more complex and difficult. Field survey project work associated with difficult boundary definition. Field survey project work associated with boundary definition for easement surveys and mining lease surveys.
Courses: PS68
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 subdivision. Revision of hydrostatics and flow concepts, rainfall and run-off concepts, urban and street drainage design. Preparation of a drainage design and specifications for a small (e.g. 20 Lot) urban subdivision.
Courses: PS68
Credit points: 12 **Contact hours:** 42
Campus offered: GP **Semester offered:** 1

► PSP330 PROFESSIONAL PRACTICE MANAGEMENT 2
Apply principles involved in the running of a Surveying Practice such as project management, self-management and quality assurance. Contains - planning and organisation; business practices; human resource management; subordinate training; project management principles; self-management principles; quality assurance principles; project implementation.
Courses: PSP311
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 combined effects of the initiators of the built environment, in the public, private and community sectors. The aim of the unit is to provide a synthesised understanding of how the city is created by the priorities and approaches of a variety of professionals, political decision-makers and informal participants. The property, finance and construction industries, the legal and administrative system, the roles and cultures of key professions (including property management, valuing, business, engineering, surveying, planning, architecture, landscape architecture). Urban design techniques such as charrettes and action planning workshops.
Courses: BN73, PS69
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 area, and the formulation of appropriate urban design proposals. Issues may include obsolescence, sense of place, conservation, infill, and the dynamism of local/regional/national/global contexts. Methods of urban design guidance, development briefing and control, through regulations and incentives. The development of skills in urban analysis related to the urban design process and effective communication of the results. Where applicable, the unit will incorporate fieldwork, work in other units of the course, and joint/complementary projects with other courses in the Faculty. (NB: this unit will continue 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 PSP027 Landscape Studies 4).
Courses: BN73, PS69
Credit points: 24 **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, sewerage, drainage, power, telecommunications, transport; controlling authorities, service delivery bodies, planning requirements and controls relevant to urban design. Community services relevant to health, safety, and welfare. Urban design issues relating to pollution, congestion, and mobility. This unit 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 geology and geomorphology, climate, soils and hydrology, the broad soil and plant community associations. Sustainability and urban planning. Environmental economics. Land capability. Environmental ethics. Environmental impact studies and assessment techniques, including social impact assessment. Public and environmental policy. Approaches to land tenure and beliefs about land. Relevant environmental policy development and alternative strategies at national, state and local levels.
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. Urban economics; 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 rezoning. 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
Population models, population changes, use of census materials, demographic analyses and projections as the basis for understanding community needs. Land use generation and allocation. Housing and the urban system. Transport and other infrastructure planning. The urban land development process. Planning for commercial, industrial and related economic enterprises. Urban systems and hierarchies. Urban infrastructure management and coordination.
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 society, 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:** 2

► PSP506 PLANNING THEORY & ETHICS
Major contributions to planning and decision-making theory, including the rational comprehensive, incrementalist, mixed scanning and other models. Critical and political economy theory and other theories for planning. The nature and role of a professional and professional-

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 I
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 communities and councils. A subdivision exercise may be included as part of the major project or as a separate scheme. This unit offers scope for the application of knowledge and skills in the fields of site analysis and planning and land development. Lecturers on these and other related topics provide relevant inputs to this practice oriented unit, including relevant aspects of planning legislation. The unit will include examples of recent best practice in the planning field (e.g. thorough the Commonwealth 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 polices 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 integrated catchment 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
The core of this unit is a problem-solving group project focusing on a planning region that is generally larger and more complex than a single town, such as a town and 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 consist of a structured, staff-guided visit of about one week to one or more of a number of appropriate locations, including non-metropolitan areas of 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 in Australia and their methods of operation. This unit introduces the role of health service managers as members of the health care team; the basic principles of health service management in health care facilities and beyond as well as the functions of health service managers.
Courses: HL46, IF47, PU40
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 health information managers as members of the health care team; the basic principles of health information management in health care facilities and beyond; the functions of medical record 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 agencies 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 these problems; communicable diseases and 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 theoretical framework of occupational health and safety such that they can identify health and safety problems in the workplace; be aware of strategies for dealing with such problems; and become familiar with the legislation, government agencies and health personnel associated with the working environment. Topics covered will include the physical, chemical and biological environments, and ergonomics. The students will also develop knowledge and skills associated with the actual measurement of the physical and chemical working environment and evaluation of the data collected.
Courses: PU40
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 seen as victims needing protection against knowledgeable, powerful and sometimes unscrupulous manufacturers, professionals and /or service providers. The unit goes on to explore specific contexts in which consumers of health find themselves and in which they act, react and are acted upon. Issues of consumer participation, advocacy 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 1
The history of food and nutrition in Australia; the food system, an introduction to proteins, carbohydrates, fats, vitamins and minerals, introduction to food grouping 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 health care with special reference to community, family and workplace settings. The importance of health promotion, prevention, empowerment and intersectoral collaboration in primary health care will be examined.
Courses: ED50, 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; analyses medical terms into Latin and Greek word roots, prefixes, suffixes and combining forms. Medical terms which relate to specific body systems are defined, spelled and pronounced accurately; common abbreviations and symbols used in medicine are identified; abstracts from patient records are explained and interpreted in non-technical language.
Courses: IF85, PU40
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 HEALTH
This unit aims to introduce students to the practical skills of communication and the theories of communication that underpin their need for such 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, BOralHlth
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 policy and its impact on public health; some recent reformulations of traditional public health approaches including: health promotion, intersectoral action for health and healthy public policy. The role of public health in Australia and overseas, its main discipline components and some of the constraints faced by public health. 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, BOralHlth
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 management throughout 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 specialised hospitals 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 managing home economics classrooms in order to maximise learning. Long and short term planning is explored with an emphasis on planning, implementing and evaluating lessons using a variety of strategies, resources and assessment techniques. The nature of home economics and how this is manifest in curriculum documents is examined.
Courses: ED50
Prerequisites: 48 credit points in relevant discipline area
Credit points: 12 **Contact hours:** 4 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 areas 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 areas of home economics.
Courses: ED50
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 1

► PUB314 EPIDEMIOLOGY & STATISTICS
Epidemiology is the study of the distribution and determinants of health and disease in the population. This unit examines ways in which epidemiology can identify various causes of health problems, and considers how epidemiology is useful in controlling or preventing the occurrence of disease and injury. The unit begins with the history of disease in human populations and examines how scientific concepts and methods changed our ability to predict, and ultimately to control, many diseases. 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 a 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 explore the analysis of information on health and human disease.
Courses: IF47, IF85, IF87, HL42, HL46, PU40, PU43
Prerequisites: PUB251
Credit points: 12 **Contact hours:** 4 per week
Campus offered: KG **Semester offered:** 1

► PUB316 RESEARCH METHODS
An understanding of research methodology is essential in the training of all Public Health professionals. This unit explores qualitative and quantitative methods in a variety of health research projects. Specific topics covered in the unit include: Theoretical background to qualitative research; naturalistic and participant observation; unstructured interviews and focus groups, and analysis of qualitative data. The unit examines the core elements of experimental and quasi-experimental designs, and various approaches to the analysis of existing data (secondary analysis, meta-analysis). Some attention is paid to measurement issues, especially assessment of health-related quality of life. The unit also has a practical focus for people who are considering research in the future; students will cover a full range of issues, from problem formulation, hypothesis generation and ethics, to project planning, logistics, and budgeting. Students will prepare a formal research proposal and learn how to estimate the statistical power of quantitative research projects.
Courses: HL46, PU40, PU43
Prerequisites: PUB314
Credit points: 12 **Contact hours:** 4 per week
Campus offered: KG **Semester offered:** 2

► PUB321 TEXTILE STUDIES
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

► PUB322 HOME ECONOMICS CURRICULUM STUDIES 2
Encourages students to make independent judgements about home economics curriculum decision-making, within syllabus guidelines and broader systems policies concomitant with national and international trends in education and society. Students are given the opportunity to explore current issues and emerging and future trends in home economics and to develop a confident approach to school-based curriculum development. Advanced teaching strategies and current assessment procedures are developed.
Courses: ED50 **Prerequisites:** PUB312
Credit points: 12 **Contact hours:** 5 per week
Campus offered: KG **Semester offered:** 1

► PUB324 PODIATRIC MEDICINE 1
This unit provides an introduction to clinical, theoretical and professional aspects of podiatry practice. Students entering the unit begin the transition to the unique and challenging role of clinician, as well as continuing academic learning. Students will be required to apply previous background knowledge, i.e. advanced anatomy, biochemistry, physics, etc, in the clinical setting. Student will also be responsible for the care of patients attending the University Clinic. The unit is particularly designed to encourage the development of essential graduate skills such as a self-directed approaches to learning, the ability to work as part of a team and the ability to engage in peer review.
Courses: PU43
Prerequisites: LSB235 **Corequisites:** HMB274
Credit points: 12
Contact hours: 16 (includes clinic work)
Campus offered: KG **Semester offered:** 1

► PUB329 FOUNDATIONS OF HEALTH STUDIES & HEALTH BEHAVIOUR
The foundations of the discipline of health education, its theoretical framework and concepts of models of health, health education and health promotion. Theories of change are analysed in their application to health education and health promotion practice.
Courses: ED50, HL46, PU40, BOralHlth
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 1

► PUB336 WOMEN'S HEALTH
Exploration of data and current health issues related to women's health; critically evaluates health-related policies, systems and practices in terms of their impact on women's health, internationally and in the Australian context. The social, economic, cultural and political influences on women's health, and the specific needs of sub-populations of women, and critical health issues to enhance women's health.
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 2

► PUB341 NUTRITION EDUCATION
History and philosophy of nutrition education. Theoretical basis of nutrition education. Development, implementation and evaluation of nutrition education programs. Nutrition education for special groups. Evaluation of nutrition education literature.
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 family and households in Australia and internationally. Perspectives considered include: structural functionalist, symbolic interactional, conflict and feminist.
Courses: ED50 **Prerequisites:** PUB105
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 1

► PUB354 OCCUPATIONAL HEALTH
Exploration of chemical hazards in the working environment, epidemiological principles and practice, and identification of special risk groups in the workforce. Topics include: the pathological bases of disease in humans; chronic occupational disease; occupational skin conditions; respiratory diseases; biological hazards in the work environment (bacteria, parasites, viruses, rickettsia and fungi); chemical and physical stresses and their physiological responses; physiological monitoring principles and practice; special risk groups; epidemiological principles and practice.
Courses: PU40 **Prerequisites:** LSB142
Credit points: 12 **Contact hours:** 5 per week
Campus offered: KG **Semester offered:** 1

► PUB355 HOSPITALITY STUDIES
The use of relevant management principles, safe and hygienic work practices, effective communication 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 development of skills in one of the major specialities of health information management: clinical classification of dis-

eases and procedures using the International Classification of Diseases, 10th Revision, and Australian Modification (ICD-10-AM). Clinical classification responds to internal and external demands for medical information, for example, in-house research and education, ABS, hospital morbidity data collections, and case mix information systems.
Courses: IF85, PU40
Prerequisites: PUB220, LSB142, LSB361
Credit points: 12 **Contact hours:** 4 per week
Campus offered: KG **Semester offered:** 2

► PUB361 TEXTILES 2
Continuation of PUB321. 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
Campus offered: KG **Semester offered:** 1

► PUB380 CASEMIX MANAGEMENT
History and development of case mix classification systems; structure of DRGs; case mix applications in quality improvement, utilisation review, costing, planning and management; case mix and funding health care services; casemix classification systems for acute inpatients; data quality issues; casemix grouping software; current casemix initiatives and applications.
Courses: IF85, PU40
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 2

► PUB400 ENVIRONMENTAL PROTECTION
The causes, effects, control measures, standards, legislation and management strategies relating to pollution and environmental protection; waste management and contaminated land.
Courses: IF87, PU40 **Prerequisites:** PUB107
Credit points: 12 **Contact hours:** 4 per week
Campus offered: KG **Semester offered:** 2

► PUB403 ENVIRONMENTAL HEALTH MANAGEMENT A
Vectors or public health significance, communicable disease control, outbreak management, water resources, water quality management, management of human waste, public safety and flammable liquids.
Courses: IF87, PU40
Prerequisites: PUB107, PUB307
Credit points: 12 **Contact hours:** 4 per week
Campus offered: KG **Semester offered:** 2

► PUB405 NUTRITION SCIENCE
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 deficiency or toxicity and important dietary sources. It integrates nutritional knowledge with the science of biochemistry and clinical physiology and provides the foundation on which further studies in nutrition can be built.
Courses: HL42, PU40, PU43
Prerequisites: LSB308, PUB201
Credit points: 12 **Contact hours:** 4 per week
Campus offered: KG **Semester offered:** 2

► PUB406 INTRODUCTION TO HEALTH PROMOTION
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
Campus offered: KG **Semester offered:** 2

► PUB407 ENVIRONMENTAL POLLUNTION
Measurement, management and control of air, noise and water pollution.
Courses: IF87, PU40 **Prerequisites:** NRB300
Credit points: 12 **Contact hours:** 4 per week
Campus 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. Derived from the Greek ergon (work) and nomos (laws) to denote the science of work ergonomics is a systems-orientated discipline that now extends across all aspects of human activity. Ergonomics promotes a holistic approach in which considerations of physical social organisational environmental and other relevant factors are taken into account. Knowledge of current methods and techniques commonly used in ergonomics is essential for the occupational health and safety professional.
Courses: PU40 **Prerequisites:** LSB142
Credit points: 12 **Contact hours:** 3 per week
Campus 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:** LSB415
Credit points: 12 **Contact hours:** 4 per week
Campus 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 analysed from 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, PU40 **Prerequisites:** BSB112
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 2

► PUB424 PODIATRIC 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 biomechanics of the lower 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: LSB235, PUB324
Corequisites: LSB475
Credit points: 12
Contact hours: 16 (includes clinic work)
Campus 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 has a significant role in the recognition and management of individuals who require nutritional care.
Courses: NS40 **Prerequisites:** LSB382
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 2

► PUB456 CLINICAL CLASSIFICATION 2
Students will learn to abstract and interpret the information recorded in client/patient medical records and develop an understanding of the clinician's response to various disease processes and how this information presents in the medical record. A significant component of the unit will involve coding from hospital medical records. Students will become proficient in the art of clinical classification using ICD-10-AM.
Courses: IF85, PU40
Prerequisites: PUB356
Credit points: 12 **Contact hours:** 4 per week
Campus 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 food standards, and food regulations.
Courses: ED50, HL42, PU40, PU43
Credit points: 12 **Contact hours:** 6 per week
Campus 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
Campus 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 the public sector and health care in the prehospital care setting. This unit covers topics relating to the code of ethics, the code of conduct and the legislation unique to the emergency health services. The students will be required to apply content knowledge using the problem based learning strategy. Topics include: introduction to ethics; morality and ethical theory; bioethics; public sector ethics; overview of the Australian legal system; consent to and refusal of health care; duty of care; and confidentiality and record keeping.
Courses: PU40
Prerequisites: PUB112 **Credit points:** 12
Campus offered: KG **Semester offered:** 2

► PUB501 APPLIED COUNSELLING FOR HEALTH PROFESSIONALS
In addition to having a sound knowledge of their specific area of speciality, health professionals also require specialised skills and techniques that will assist them in communicating with others. Furthermore they need to have an awareness and understanding of the process of helping. Throughout this unit students will explore a variety of approaches, which could be used, and will develop an awareness of their own strengths and weaknesses as a helper. It is not intended that students enrolled in this unit will become professional counsellors, rather they will develop counselling skills that can be applied by health workers in dealing with clients and client concerns.
Courses: HL42, PU43
Prerequisites: PUB233 and the successful completion of 192 credit points
Credit points: 12 **Contact hours:** 3 per week
Campus 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;

kitchen planing and design; food production systems; food distribution systems; human resource management in foodservice; finance and costing, hygiene, maintenance and safety; information systems; total quality management.
Courses: HL42, PU40, PU43
Prerequisites: PUB474
Credit points: 12 **Contact hours:** 4 per week
Campus offered: KG **Semester offered:** 1

► PUB509 PUBLIC HEALTH NUTRITION 2
The measurement of the nutritional status of a community; nutrition monitoring and surveillance; food and nutrition policy at international, national and state levels, international nutrition issues, nutritional epidemiology; nutrition problems within Australia examination of the evidence; at risk groups; tools and their validity for measuring nutritional status and nutrition outcome at the population and group level; dietary intake methodology.
Courses: HL42, PU40, PU43
Prerequisites: PUB201, PUB314
Credit points: 12 **Contact hours:** 4 per week
Campus offered: KG **Semester offered:** 1

► PUB510 ENVIRONMENTAL HEALTH MANAGEMENT B
The purpose of this unit is to integrate the student's understanding of environmental health, statistics, microbiology, chemistry, physiology and biology to enable student's to apply their knowledge in professional practice. In particular, this unit will detail legislative and management tools for the control of public health nuisances and communicable diseases 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 discussed at length.
Courses: PU40
Prerequisites: LSB142, LSB415, PUB403
Credit points: 12 **Contact hours:** 4 per week
Campus offered: KG **Semester offered:** 1

► PUB511 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

► PUB514 CONTRACT/PROJECT MANAGEMENT
This unit aims to prepare students for participation in contract and project management in the health sector. The unit provides advanced undergraduate students with an opportunity to develop an understanding of health project contract management using both theoretical and practical examination of current State and national contracts and projects.
Courses: HL46, IF47, PU40
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 1

► PUB515 ENVIRONMENTAL TOXICOLOGY
Humans have always lived with health threats from a range of natural poisons be they the potentially lethal venoms 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 to the natural toxins, 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 little or no adverse effects on either the environment or human health, others are powerful poisons that can disrupt ecosystems and cause human morbidity and mortality. Estimates indicate that more than 2000 people die each year as a result of current or past exposure to 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: PU40
Credit points: 12 **Contact hours:** 4 per week
Campus offered: KG **Semester offered:** 1

► PUB516 OCCUPATIONAL HEALTH & SAFETY PRACTICE 1
Field studies are used to provide students with a practical insight into the application of the principles to which they have been introduced in their previous studies. In addition students will examine the legislative and other standards that form the basis for the enforcement of occupational health and safety.
Courses: PU40
Prerequisites: PUB352, PCB404, PUB485
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 1

► PUB517 FOOD HYGIENE STUDIES
Food hygiene standards, food borne illnesses, food hygiene audits, HACCP licensing systems, education, food borne illness investigation.
Courses: IF87, PU40
Prerequisites: LSB415 (and CNB171 for PU40 EVH major students)
Credit points: 12 **Contact hours:** 4 per week
Campus offered: KG **Semester offered:** 1

► PUB522 PODIATRIC ANAESTHESIOLOGY
Provides an understanding of the science of anaesthetics as applicable to the practice of podiatry. Students are required to understand the pharmacology of local anaesthetics and their clinical usage, and be competent in injection techniques, including local infiltration and local nerve block in the lower limbs.
Courses: PU43 **Prerequisites:** PUB424
Corequisites: PUB523, PUB525
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 1

► PUB523 MEDICINE
Following completion of this unit, students should be able to recognise and understand the clinical features, pathogenesis and significance of common conditions affecting the lower limbs, for example oedema, obesity, motor, sensory and trophic disturbances and their resultant effects in paralysis, ataxia, deformity and ulceration, intermittent claudication, vascular spasm and cramp are taught so as to emphasise their significance. Medical conditions with manifestations in the feet are given particular attention.
Courses: PU43**Prerequisites:** LSB451, LSB475
Corequisites: PUB524, PUB525
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 1

► PUB524 PODIATRIC MEDICINE 3
Develops professional understanding of the general and specific effects of medical and surgical conditions on the human foot. Also expands the concept of total case management in terms of the interdisciplinary approach, including physical, mechanical and surgical techniques. Completion of this unit should enable students to consolidate the podiatrist's role in the health care team across the spectrum of practice.
Courses: PU43
Prerequisites: PUB424 **Corequisites:** PUB523
Credit points: 12
Contact hours: 16 (includes clinic work)
Campus offered: KG **Semester offered:** 1

► PUB525 PHARMACOLOGY
Designed to ensure students understand basic drug therapies their patients may be using, the groups of drugs used for specific diseases, their application and relevance to podiatry. Emphasis is placed on drug groups and their use for specific disease, rather than proprietary brands. Students learn to recognise the drug groups and know the system they are acting on in the body. In addition, differentiation between the different categories within one group of systemic drugs and why they are used for a condition is emphasised.
Courses: PU43
Prerequisites: LSB275, LSB475
Corequisites: PUB522
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 1

► PUB541 MEDICAL NUTRTION THERAPY 1
Medical nutrition therapy 1 incorporates the best of a multidisciplinary, 'whole client' view of health care. The goals of MNT in preventative care are to keep people healthy in their communities, to reduce the incidence and severity of preventable diseases, to improve health and quality of life and to reduce medical costs particularly in drug therapy, surgery, hospitalisation and extended care. A sound understanding of the process of nutrition assessment enables students to undertake the assessment, planning, implementation and evaluation of dietary intervention in the more complex disease states.
Courses: HL42, PU43
Prerequisites: LSB408, LSB458, PUB405
Credit points: 12 **Contact hours:** 5 per week
Campus offered: KG **Semester offered:** 1

► PUB553 PROFESSIONAL EXPERIENCE
This unit is designed to extend the student's knowledge and level of understanding of health information management in health care facilities through direct observation and participation. Working in a health care facility provides an opportunity to apply theory to practice, and gives the student a greater understanding of the constraints 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 by coding from medical records.
Courses: IF85, PU40
Prerequisites: 16 units in HIM major including PUB456.
Credit points: 12 **Contact hours:** 6 per week
Campus offered: KG **Semester offered:** 2

► PUB557 HEALTH NEEDS OF INDIGENOUS AUSTRALIANS AND OTHER POPULATIONS
The unit examines the health needs of a range of populations groups, particularly the health needs of Indigenous Australians. A focus on population groups and their health concerns is important for a number of reasons. Health is viewed in its social and economic context. Second, it allows a recognition and focus on particular health concerns that might not be considered significant in an examination of broad patterns of health. 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

► PUB585 ADVANCED OCCUPATIONAL HYGIENE
Extends the knowledge gained in Introduction to Occupational Hygiene and concentrates on 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 control strategies 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: PU40

Prerequisites: PCB414, PUB485
Credit points: 12 **Contact hours:** 4 per week
Campus offered: KG **Semester offered:** 1

► PUB599 HEALTH INFORMATION MANAGEMENT 3
Health information systems outside acute care hospitals; special purpose health systems, ambulatory health record systems, and those used in health care facilities other than acute care hospitals, systems for the registration and notification of disease problems, clinical classification systems other than ICD-10-AM and nomenclatures, which may be used in specialised health settings; concepts and processes 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:** 3 per week
Campus offered: KG **Semester offered:** 1

► PUB604 POLICY & MANAGEMENT PRINCIPLES FOR ENVIRONMENTAL HEALTH
Local government environmental health management (local laws and planning processes); Local Government Act; Queensland Health - public health management, environmental health promotion; indigenous environmental health issues, disaster management.
Courses: IF87, PU40
Prerequisites: PUB510 **Corequisites:** PUB630
Credit points: 12 **Contact hours:** 4 per week
Campus offered: KG **Semester offered:** 2

► PUB606 DIETETIC MANAGEMENT
History of dietetics and the role of management in dietetics; planning and organisation; leadership; peer review systems; total quality management; clinical costing; program evaluation and measuring effectiveness; information systems applied to dietetic management; managing change; casemix funding, management tools, marketing, planning community based programs; team building; managing role conflict.
Courses: HL42, PU43
Prerequisites: PUB506, PUB722
Credit points: 12 **Contact hours:** 4 per week
Campus offered: KG **Semester offered:** 2

► PUB607 PROMOTING ORAL HEALTH
This unit aims to present oral health promotion as an emerging public oral health field of professional practice. The unit provides knowledge of both the theoretical and practical application of health promotion strategies in a range of contexts; it emphasis the links of oral health status with a number of socio-economic variables, and provides an understanding of health promotion strategies that are appropriate to special groups. It also provides a sensitivity to, and an understanding of, cultural and gender-related issues in relation to oral health promotion.
Courses: NA80, BOralHlth
Prerequisites: PUB203 can be taken as a prerequisite or corequisite
Credit points: 12 **Contact hours:** 2 per week
Campus offered: KG **Semester offered:** 2

► PUB609 HEALTH RESOURCE ALLOCATION
This unit aims to prepare students for participation in health sector decision making as underpinned by health economic evaluation activities. The unit provides students with a grounding in the methodologies of health economic evaluation.
Courses: IF47, PU38, PU40
Prerequisites: PUB433
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 2

► PUB611 RISK MANAGEMENT
Provides students with the knowledge and skills for the assessment and quantification of risk in the workplace. It will investigate the various models available to investigate and analyse accidents and propose strategies to prevent similar incidents in the future. Various hazard identification techniques such as HAZOP, Fault Tree Analysis and FMEA will be discussed. The subject will provide students with the ability to position occupational health and safety within an organisation's strategic decision-making process. Assessment will involve a half-day presentation on the weekend. Some lectures may be presented in a one-day seminar.
Courses: IF87, PU40
Credit points: 12 **Contact hours:** 4 per week
Campus offered: KG **Semester offered:** 2

► PUB615 OCCUPATIONAL HEALTH & SAFETY MANAGEMENT
Investigates management principles and practices as they may be applied to resolve occupational health and safety problems. It includes an examination of industrial relations processes and the legal framework within which occupational health and safety is addressed. The legislative and common law trends as they apply to occupational health and safety and workers compensation will be examined as will the role of the health and safety professional in this process.
Courses: PU40 **Prerequisites:** PUB112
Credit points: 12 **Contact hours:** 4 per week
Campus offered: KG **Semester offered:** 2

► PUB616 OCCUPATIONAL HEALTH AND SAFETY PRACTICE 2
This unit will build on the experience gained by students in Occupational Health and Safety Practice 1 by looking in more detail at the skills required to practice as a professional in the arena of occupational health and safety. A major focus will be the utilisation of auditing as an occupational health and safety management tool. Students will be required to attend lectures, practical sessions in the workplace and field trips. Students will investigate a wide variety of production processes and identify the hazards and control strategies associated with these. It is intended that the unit should act as a culminating experience for students who have undertaken the 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

► PUB619 HEALTH INFORMATION MANAGEMENT 4
This unit examines the role and function of the health information manager in the management of health care services; the principles and processes of management as applied to health information services; current issues in health information management and professional skills will be enhanced. Coding skills will be refined and enhanced using hospital patient records.
Courses: IF85, PU40
Prerequisites: PUB456, PUB599
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 2

► PUB623 DERMATOLOGY
This unit assist 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 hair, skin manifestations 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: PUB624
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 2

► PUB624 PODIATRIC MEDICINE 4
Extends the student by way of a greater role in independent case investigation and clinical case presentations. Complex case histories and treatment interventions are pursued. The theory and treatment of paediatric disorders is studied. Introduction to specialist clinics in the podiatry facility and treatment of higher order cases. Students implement a wide range of treatments and should be able to consolidate skills acquired. Diagnostic skills are also developed with the wider range of patients being treated and the specialised study of disciplines such as dermatology and radiology further integrating academic and clinical studies.
Courses: PU43
Prerequisites: PUB524 **Corequisites:** PUB635
Credit points: 12
Contact hours: 16 (clinical work)
Campus offered: KG **Semester offered:** 2

► PUB628 ADVANCED FOOD STUDIES
This unit provides students with an opportunity to acquire practical skills in the planning, preparation and delivery of nutrient-altered foods suitable for a wide range of therapeutic diets. Students evaluate the outcome of incorporating nutrient modified food products into dietary regimens. Food standards and nutrient altered food products.
Courses: HL42, PU43
Prerequisites: PUB474, PUB541
Corequisites: PUB641
Credit points: 12 **Contact hours:** 6 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: PUB604
Credit points: 12 **Contact hours:** 4 per week
Campus offered: KG **Semester offered:** 2

► PUB632 INDEPENDENT STUDY
Independent Study allows students to study a topic that 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 placement 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: PU43
Prerequisites: PUB522, PUB523
Corequisites: PUB624
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 radiology 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 on of dietary treatment to disease and the principles of nutritional assessment development in Medical Nutrition Therapy 1.
Courses: HL42, PU43
Prerequisites: PUB541 **Corequisites:** PUB628
Credit points: 12 **Contact hours:** 5 per week
Campus offered: KG **Semester offered:** 2

► PUB659 MANAGEMENT OF HEALTH SERVICES
This unit involves 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 theory to the practical situation. Specific management techniques and health management issues will need to be explored.
Courses: IF85, PU40
Prerequisites: 16 units in the HIM major
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 2

► PUB695 INDUSTRIAL TRAINING EXPERIENCE
Ten to twelve months placement in paid employment related to Occupational Health and Safety under the joint supervision of an industry supervisor and an academic adviser. The academic adviser obtains reports from the student and their work supervisor at regular intervals. The student is required to complete a progressive assessment program. Results are determined on the basis of reports, continuous assessment and the employers report.
Courses: PU40
Prerequisites: Completion of year 1 and year 2 of the degree and a GPA of 4.5 or above
Credit points: 24
Campus offered: KG **Semester offered:** 1, 2

► PUB722 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 skills in research and evaluation in relation to clinical outcome.
Courses: HL42, PU43 **Prerequisites:** PUB875
Credit points: 12
Campus offered: KG **Semester offered:** 1

► PUB726 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 diabetes, provides an understanding of the special problems associated with children and specific lower limb conditions with emphasis on the surgical techniques used in their treatment.
Courses: PU43
Prerequisites: PCB313 or PUB637, PUB624, PUB635
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 1

► PUB727 PHYSICAL MEDICINE
Introduction to a wide range of diagnostic and physical treatment modalities used in modern podiatric practice. Students gain understanding in uses, applications, contraindications and limitations of each modality studied in direct connection with ongoing clinical studies and theoretical components of podiatric medicine.
Courses: PU43 **Prerequisites:** PUB624
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 1

► PUB728 CLINICAL MEDICINE 1
Students are expected to integrate knowledge and skills obtained from the specialist podiatry clinics at the university facility. They will undertake a leadership role with third year students by way of a mentor system in the specialist clinics. Students are expected to implement a range of complex treatments and a high level of patient care. Treatment for special needs groups is undertaken i.e., children and adults with severe intellectual and physical disabilities, high-risk patients with diabetes mellitus and peripheral vascular disease, immuno-suppressed patients. Students are introduced to advanced clinical care of paediatric foot disorders.
Courses: PU43
Prerequisites: PUB624 **Corequisites:** PUB729
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 1

► PUB729 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. Most importantly, students will observe and develop critical problem solving skills in the broader environment of private practice, hospitals and community health. This experience will also consolidate the multi-disciplinary nature of health care delivery and educate the student on the various roles of other health care providers. This will lead to more judicious approach to implementing effective health care. Experience gained from the internship will be applied by the student in the specialist clinical environment during the four years of the program.
Courses: PU43
Prerequisites: PUB624 **Corequisites:** PUB728
Credit points: 12
Contact hours: 12 (includes clinic work)
Campus offered: KG **Semester offered:** 1

► PUB823 PRACTICE IN COMMUNITY NUTRITION
Involves a four week practical placement off-campus where students work on various projects and gain experience in the nutrition and health care of groups in a variety of community, workplace and school settings; provision of a nutrition education session to a community group and a practical examination at the end of the semester.
Courses: HL42, PU43
Prerequisites: Successful completion of all third year units
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 2

► PUB824 PRACTICE IN FOOD SERVICE MANAGEMENT
A four week practical component consisting of up to four separate placements in hospitals, nursing homes, correctional centres or other locations to gain experience in food service management.
Courses: HL42, PU43
Prerequisites: Successful completion of third year units
Credit points: 12
Campus offered: KG **Semester offered:** 1

► PUB826 PROJECT & PROFESSIONAL MANAGEMENT
Explains two key concepts. Firstly, how a professional practice may be set up and how a small practice can operate as a business enterprise. Methods of budgeting, finance and control are explained. Secondly, it develops an interest in podiatry research using scientific methods of investigation and presentation. Students are encouraged to publish these projects as original material in related professional journals.
Courses: PU43
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 2

► PUB827 SPORTS MEDICINE
The importance of a multidisciplinary approach to the diagnosis, evaluation and treatment of sports injuries. Students study the symptomology of lower limb functional pathologies as related to specific sports and devise treatment programs. An understanding of the principles of human fitness and potential in relation to athletic injuries and expectations forms the foundation for further studies.
Courses: PU43
Prerequisites: PUB523, PUB624
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 2

► PUB828 CLINICAL MEDICINE 2
Students will be expected to further integrate and apply additional knowledge obtained from the final clinical rotation to the needs of specialist patients who attend the university podiatry clinic. In particular, elements of pre-, post- and intra- operative surgical considerations will be utilised. A specialist paediatric clinic will provide the student with specialist skills in the treatment of developmental disorders and conditions.
Courses: PU43
Prerequisites: PUB728 **Corequisites:** PUB829
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 2

► PUB829 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 private practice, hospitals and community health. This experience consolidates the multi-disciplinary nature of health care delivery and educates students on the roles of other health care providers. This leads to a more judicious approach to implementing effective health care. Experience gained is applied by the student in the specialist clinical environment during the four years of the program. Student will be designated for a three-week period.
Courses: PU43
Prerequisites: PUB729 **Corequisites:** PUB828
Credit points: 12
Contact hours: 12 (clinical work)
Campus offered: KG **Semester offered:** 2

► PUB875 PROFESSIONAL PRACTICE
This unit is undertaken by students in the public health and the 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 problem or workplace situation.
Courses: HL42, HL46, PU40, PU43
Prerequisites: PUH major: PUB251; NUD major: successful completion of all prior core units; HSM major: 16 units in HSM
Credit points: 12 **Contact hours:** 4 per week
Campus offered: KG **Semester offered:** 2

► PUN001 CONTEMPORARY RISK MANAGEMENT
An introduction to the risk management process as outlined in AS/NZS 4360 Risk management. The unit concentrates on the context of risk management and introduces the student to the concepts that will be explored further in the units PUN008, PUN009 and EFN418. The structure of the organisation, its environment and the potential loss exposures are examined in some detail.
Courses: HL38, HL68, HL88, IF88, PU65, PU60, PU85
Credit points: 12
Campus offered: KG **Semester offered:** 2

► PUN008 RICK MANAGEMENT: IDENTIFICATION & ASSESSMENT PROCEDURES
Provides the skills necessary to identify and assess risks. Qualitative, semi-quantitative and quantitative methods of risk analysis are investigated in the context of the major perils likely to be considered by an organisation. Various risk analysis techniques including HAZOP, FMEA, hazard indices, fault trees, event trees, reliability analysis, statistical analysis, and probability are discussed.
Courses: HL38, HL68, HL88, HL90, IF88, PU60, PU65, PU85
Prerequisites: PUN001 can be taken as a prerequisite or corequisite
Credit points: 12
Campus offered: KG **Semester offered:** 2

► PUN009 RISK TREATMENT
Critical and systematic methods of making decisions on appropriate risk treatment options are investigated. Options considered include risk avoidance, risk acceptance, risk reduction, consequence reduction, risk transfer and risk retention.
Courses: HL38, HL68, HL88, IF88, PU60, PU85

Prerequisites: PUN008 **Credit points:** 12
Campus offered: KG **Semester offered:** 1

► PUN103 ADVANCED EPIDEMIOLOGY
This unit's aim is the mastery of key principles and concepts of research design. There has been an increasing demand for evidence-based health research, and an increasing trend towards research that considers complex biological, environmental and societal inter-relationships. Recent developments in epidemiology have contributed novel research designs and statistical methods to complement these needs. Throughout this unit, students will be exposed to these more sophisticated designs and analytical methods. Such knowledge is mandatory for critical evaluation of the current research literature, for design of efficient research studies, and to inform appropriate interpretation of research results at a 'best practice' level.
Courses: HL88
Prerequisites: HLN705 or PUB316
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 2

► PUN105 HEALTH STATISTICS
Beyond a common core of statistical concepts, each discipline area emphasises its own set of descriptive and inferential statistical methods and even terminology. The content of this unit emphasises both core and health-specific statistical methods in the health sciences. Students will be provided with substantial practical experience in the application and interpretation of the most common statistical methods to health data, and will also be made aware of data management principles in preparation for analysis. There will be a strong emphasis on applying concepts through critical reading and discussion of the literature and worked examples from a range of topic areas.
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 1

► PUN106 POPULATION HEALTH
This unit addresses some of the significant issues of population health including the complex relationship between health and social, economic, political and lifestyle factors and social disadvantage and health. It examines contemporary concepts of health and illness in the Australian context but also draws on international examples. Potential health issues facing Australia and the world, such as the aging of the population, the impact of genetic technology on health and the health of specific sub-populations are also discussed.
Courses: HL68, HL88, PU60, PU85
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: Completion of PU40 or PU43 BHlthSc or the unit PUB251 or PUB314 PUP010
Campus offered: KG **Semester offered:** 1

► PUN301 OCCUPATIONAL HEALTH & SAFETY LAW & MANAGEMENT
Introduces students to the history of occupational health and safety and the impact on occupational health and safety practice of the law, and industrial relations. The theory and practice of occupational health and safety management is discussed.
Courses: HL68, HL88, PU60, PU65, PU85
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 1

► PUN302 DETERMINANTS OF WORKPLACE INJURY & DISEASE
Provides students with an understanding of the various models used to describe and determine the causes and distribution of injury and disease in the workplace. Students will investigate the use of various analytical, statistical and epidemiological tools useful for describing and determining the incidence and causes of injury and disease in the workplace.
Courses: HL38, HL68, HL88, PU60, PU65, PU85
Prerequisites: PUN301 can be taken as a prerequisite or corequisite
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 1

► PUN303 THE HEALTH ASPECTS OF HEALTHY BUILDINGS
The health aspect is the key factor for a building to be classified as a 'healthy building'. To achieve this status of good health the students must understand what constitutes 'health', and be able to discriminate 'health' from 'minimum requirements'. The Unit will begin with the study of applied physiology of the human body and functions including respiration, sight, hearing, skin sensation, and body movement. Students will be introduced to the design, control, assessment and monitoring of the internal and external environmental elements inherent in buildings, that will lead to healthy, comfortable, and efficient living and working conditions.
Courses: AR66
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 1

► PUN601 CONTEMPORARY 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 consumers, 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 introductory topic in this unit describes how health policy informs the planning process. This will provide a foundation to develop a thorough understanding of implementation and evaluation process evident in health care systems. Throughout 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 theory and its application to economic issues in the health sector. The unit starts with more theoretical topics such as demand and supply analysis, the production of health and market structures, and then moves onto more applied topics such as health insurance and economic evaluations. The aim of the unit is to encourage students to understand variables that influence resource allocation within the health sector and to consider subsequent implications. Assessment for this unit typically consists of assignment work.
Courses: 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, within the health sector and of subsequent outcomes. The unit adopts the objectives of effectiveness, efficiency and equity with which to analyse health care delivery systems. The intention is to provide an understanding of some important intellectual apparatus that can be used to describe and understand health care delivery in a variety of settings and systems.
Courses: 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, activities and assessment items allow students to take a critical and analytical approach to an organisational issue within the context of current organisational, political, technological, and socio-economic developments. When examining the effects of organisational structures and change on individual and group performance in the workplace, the content draws structures and change on individual and group performance in the workplace, the content draws on perspectives from the fields of organisational theory, 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: PUN692
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 2

► PUN614 HEALTH PROMOTING SCHOOLS
This subject is designed to extend students' understanding of health promotion in a school setting. The learning objectives for this course are designed to reinforce the links between education and health, in relation to the planning, implementation and evaluation of a school-based health promotion intervention. It also addresses some of the management issues that underlie such an approach to the promotion of health and well-being in the school community. Case studies or activities offer a range of opportunity for reflection and investigation.
Courses: 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
Prerequisites: PUN610
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 area of environmental health. Practitioners in environmental health need to understand the basis of environmental problems and the competing uses for land and the subsequent impacts on 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 that must be properly managed to ensure the continued health and well being of individuals and communities. It examines land, air and water resources, land use policies and strategies, adverse impacts,

management of these impacts and includes application of ISO 1400 series relating to 'best practice' quality environmental management.
Courses: HL38, HL68, HL88, PU60, PU85
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 2

► PUN620 CONCEPTS OF ENVIRONMENTAL HEALTH
This is a compulsory core in the specialist area of environmental health. Environmental Health professionals need to understand the inextricable link between human health and environmental problems. They must also understand the types of strategies available to control and minimise the risks associated with environmental health problems. This Unit will examine some basic principles and concepts of environmental health including sustainable development and environmental health promotion. It will apply these principles to areas such as air pollution, transport, green consumerism, ecotourism and relevant environmental health issues occurring at that time. The Unit will also discuss future threats to public health such as long term climate change and population growth.
Courses: HL38, HL68, HL88, PU60, PU85
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 1

► PUN692 HEALTH CARE DELIVERY SYSTEMS
This unit adopts the broad objectives of effectiveness, efficiency and equity with which to analyse health care delivery systems. The unit consists of three separate modules 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. The Australian health care system is compared with those operating in both developed and developing countries. Module 2 introduces economic concepts and tools of analysis that primarily consider 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
Campus offered: KG **Semester offered:** 1

► PUN702 SOCIAL AND BEHAVIOURAL DETERMINANTS OF HEALTH
This unit deals with the body of knowledge applicable to public health provided by the disciplines of social and behavioural science. Social determinants of health on living and working conditions conducive to health. The subject will offer a comprehensive analysis of lifestyles and living conditions conducive to health.
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GU **Semester offered:** 1

► PUN743 INTRODUCTION TO EPIDEMIOLOGY
This unit introduces the basic principles and methods of epidemiology as it is concerned with the identification, control and prevention of ill health in the community. It addresses specific aspects relating to the collection and interpretation of epidemiological data, issues of major public health importance both within Australia and overseas, and provides students with the essential skills for logical, scientific assessment of the health and medical literature.
Courses: PU60, PU85
Credit points: 12 **Contact hours:** 3 per week
Campus offered: UQ **Semester offered:** 1

► PUP032 INTERVENTION DESIGN & THEORIES OF CHANGE
Examines theories of change as they impact on health promotion and health education practice and the development and implementation of interventions. It addresses the strengths and weaknesses of change theory into practice and explores the nature of individual, group and organisational change strategies in public health and health promotion.
Courses: HL38, HL68, HL88, PU60, PU85
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 1

► PUP034 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 identification, systematic planning and evaluation models into practice. Internal students will put this knowledge into practice through participation in a group based health promotion project. The process of developing and implementing a health promotion program develops an understanding of issues such as ethics, writing goals and objectives, resources and time management. External students will conduct a needs assessment and use the data to write a health promotion program proposal. 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: PUP035 or PUP036 can be taken as a prerequisite or corequisite
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 2

► PUP035 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 a diverse range of population groups. This unit will cover issues related to health promotion planning, implementation and evaluation. This will include needs assessment, program planning and planning models, development program goals and objectives, selection of health promotion strategies, program implementation and management, and program evaluation. Health promotion strategies that are appropriate for particular target groups, individuals, groups, organisations, 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 basis for the practical application of program planning and evaluation knowledge in the unit PUP034.
Courses: HL38, HL68, HL88, PU60, PU85
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 2

► PUP036 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 also examine a settings approach to health promotion including a critical analysis of the nature and scope of health promotion in a wide range 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
Campus offered: KG **Semester offered:** 1

► PUP116 ERGONOMICS
The relationship between the worker, the work environment and the workspace. Occupational ill-health and injury arise from a lack of fit between the capabilities of workers and the design of the working environment, the work processes and the physical and mental demands of the task. Insight into ergonomics can assist practitioners to enhance the workers safety and comfort, improve work efficiency and performance, and optimise work performance. Topics include: basic anatomy and physiology of body systems; occupational biomechanics; psychology.
Courses: HL68, HL88, PU60, PU65, PU85
Prerequisites: PUN301
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 2

► PUP250 OCCUPATIONAL HYGIENE
Lectures, practical work and industrial visits to instruct students so that they may recognise, 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
Campus offered: KG **Semester offered:** 2

► PUP415 OCCUPATIONAL HEALTH
Exploration of chemical hazards in the working environment, epidemiological principles and practice, and identification of special risk groups in the workforce. Topics include: the pathological bases of disease in humans; chronic occupational diseases; occupational skin conditions; respiratory diseases; biological hazards in the work environment (bacteria, parasites, viruses, rickettsia and fungi); chemical and physical stresses and their physiological responses; physiological monitoring principles and practice; special risk groups; epidemiological principles and practice.
Courses: PU60, PU65, PU85
Prerequisites: PUN301 can be taken as a prerequisite or corequisite
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 1

► PUR200 EMERGING ISSUES IN PUBLIC HEALTH
The field of Public Health is evolving rapidly with respect to the nature of the problems it must address, the methods it uses to understand and to influence population health, and the underlying philosophies that inform the field. As a consequence, it is important that all doctoral candidates develop an appreciation for new directions in Public Health to complement their solid foundations in more traditional practices.
Courses: HL90
Prerequisites: 72 credit points of advanced studies
Credit points: 12 **Contact hours:** 2 per week
Campus offered: KG **Semester offered:** 2

► PUR201 ADVANCED PROFESSIONAL STUDIES
This unit is suitable for health science practitioners wishing to extend their studies to advanced postgraduate level, in an area of interest particular to the individual student. There is a need to be able to develop advanced practitioner skills, to develop interdisciplinary approaches and to consolidate advanced skills in terms of health care delivery. This unit is designed to allow small groups of 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 doctoral program
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 2

► PYB000 APPLIED SKILLS AND SCHOLARSHIP (PSYCHOLOGY)
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.
Courses: PY07 **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 with many positions involving not only understanding and testing people but communicating with them. More broadly however in most areas of modern work, and indeed within personal relationships, people need developed interpersonal skills and the ability to conceptualise interactive processes. The microskills for communication are also the foundation for helping relationships and counselling.
Prerequisites: Nil
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: PYB052 and PYB086

Campus offered: GP, CA
Semester offered: 1, 2

► PYB012 PSYCHOLOGY
The body of knowledge that defines Psychology as a discipline is basic to an understanding of human behaviour and interaction. Psychological theories, concepts and methods of investigation provide ways of evaluating personal and professional practice. Informed practice can then seek to meet the needs of individuals, groups and communities. All professional people need to have frameworks for understanding their own behaviour and that of others. This subject provides students with essential knowledge as a basis for their personal and professional effectiveness. It is the foundation for understanding further study in psychology and its many applications.
Courses: All courses **Prerequisites:** Nil
Credit points: 12 **Contact hours:** 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 process of theory construction. The unit looks at these processes with respect to the ethnographic tradition, the contribution and logic of grounded theory and ethnomethodology 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 ethnography and 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 qualitative interviews.
Courses: PY07, SS60, HU20, HU22, IF30, IF36, IF43, IF70, IF81, IF82, IF86, ED50
Credit points: 12 **Contact hours:** 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: SS60, HU22, HS07, PY07
Prerequisites: PYB012 or PYB101
Credit points: 12 **Contact hours:** 3 per week
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, the unit highlights the application of this basic knowledge to Real World problems in the domain of human-computer interaction.
Courses: All
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: PYB303
Campus offered: KG, GP
Semester offered: 1, 2

► PYB067 HUMAN SEXUALITY
This unit explores historical approaches to studying, explaining and regulating human sexuality with an awareness of the social nature of definitions of 'normal' or 'acceptable' sexual behaviours. Students will critically examine definitions of 'healthy' or 'morally acceptable' or 'normal' sexuality. Different models of sexuality are considered with an emphasis on contemporary critiques of the traditional paradigms of sexuality in the West. We will also look at issues around sexuality in cross-cultural perspective in order to contextualise attitudes to sexuality in the West and to give students a greater awareness of 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, SS60, HU22, PY07
Credit points: 12 **Contact hours:** 3 per week
Campus offered: CA **Semester offered:** 2

► PYB073 INTRODUCTION TO BEHAVIOURAL SCIENCES AND HEALTH CARE
An understanding of the behavioural sciences underlies much of the interaction of health professionals. Psychological and social factors that moderate human responses to health, disease, trauma and treatment, and the principles that underlie empathetic and effective intervention are the focus of study in this unit. A sound understanding of psychological and social concepts and principles is essential for the provision of contemporary, holistic nursing care for individuals and groups, and an important element in the development of effective relationships with clients, colleagues and other members of a multidisciplinary health care team.
Courses: Nursing
Credit points: 12 **Contact hours:** 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 applies to interpersonal relationships and small group settings, groups being a common structure for learning, working and socialising. Knowledge of relevant microskills is essential for those preparing to teach relationship skills so that students will be able to design skill development programs in educational settings in the future. This applies to the important area of human sexuality where personal comfort for teachers is especially necessary in discussion of biological, social and psychological aspects of sexual elements in relationships.
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: PYB007
Campus offered: KG **Semester offered:** 2

► PYB101 INTRODUCTION TO PSYCHOLOGY 1A
Psychology is a broad-ranging and multifaceted discipline that encompasses the scientific study of human behaviour, and the systematic application of knowledge gained from psychological research to a broad range of applied issues. This unit focuses on the areas of developmental psychology, social psychology, individual differences, and psychopathology.
Courses: PY07
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: PYB012, PYB073
Campus offered: CA **Semester offered:** 1

► PYB102 INTRODUCTION TO PSYCHOLOGY 1B
Introduction to Psychology 1B extends the introduction provided in Introduction to Psychology 1A to psychology as the scientific study of human behaviour. This unit introduces students to the basic biological and psychological processes underlying perception, memory, learning, problem solving, consciousness, and language. In addition, research participation experience is provided to the students.
Courses: PY07
Credit points: 12 **Contact hours:** 3 per week
Campus offered: CA **Semester offered:** 2

► PYB110 PSYCHOLOGICAL RESEARCH METHODS
An overview of the purposes and strategies of research; elementary research design; operationalising variables; descriptive statistics; distributions; measures of central tendency and spread; standard scores and percentiles. Understanding relationships between variables through correlation and regression. An introduction to hypothesis-testing procedures using t-tests.
Courses: PY07
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MAB237, MAB247
Campus offered: CA **Semester offered:** 2

► PYB158 INTRODUCTION TO SUBSTANCE ABUSE IN AUSTRALIA
This course introduces students to alcohol and drug use in the Australian context. Initially this course will introduce students to terminology and definitions commonly associated with the alcohol and other drug field as well as providing an overview of models of drug use. This unit will compare and contrast current trends and patterns of substance use in Australia and critically examine the legitimacy of this focus. Australian substance use/abuse patterns will be positioned within a global context.
Courses: All
Credit points: 12 **Contact hours:** 3 per week
Campus offered: CA **Semester offered:** 2

► PYB159 ALCOHOL & OTHER DRUG STUDIES
This unit aims to give students an understanding of the extent of substance abuse in our community: who uses what, where and when; the models that have been advanced for understanding substance abuse; the intervention and therapeutic models utilised within the field; and the effects of substance abuse, physiologically, socially and psychologically.
Courses: All **Prerequisites:** 96 credit points
Credit points: 12 **Contact hours:** 3 per week
Campus offered: CA, KG
Semester offered: 1 (CA), 2 (KG)

► PYB201 PERCEPTION
This unit presents an overview of perceptual and sensory processes in humans and other animals. While most emphasis is placed on visual and auditory perception, the unit also explores the skin senses, the chemical senses, and the orienting senses. In each case, the topics covered include: the nature of the relevant physical stimuli, the physiology of the sensory modality, the phenomenology of the sensory modality, sensory dysfunction, and examples of applied research in the domain. The unit
begins with a primer of psychophysics.
Courses: PY07
Prerequisites: PYB012 or PYB101 or PYB102
Credit points: 12 **Contact hours:** 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. It emphasises the interdependency of all aspects of development and on the importance of the physical, family, socio-cultural and historical contexts within which development occurs. The unit aims to develop 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 **Contact hours:** 3 per week
Campus offered: CA **Semester offered:** 2

► PYB205 SOCIAL PSYCHOLOGY
People are social beings. Their thoughts, feelings and actions are influenced by the real, imagined or implied presence of others. To obtain greater insight into people's behaviour, it is essential to investigate scientifically the relationship between the individual and the group. The effects of the individual within the group and the group upon the individual will be studied.
Courses: PY07
Prerequisites: PYB012, or PYB101, or PYB102
Credit points: 12 **Contact hours:** 3 per week
Campus offered: CA, GP
Semester offered: 1 (CA), 2 (KG)

► PYB206 PERSONALITY
This unit consists of 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 personality theorists, such as Freud, Jung, Horney, Allport, Cattell, Eysenck, Erikson, Rogers, 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 personality processes, this unit provides a foundation for advanced studies in psychopathology.
Courses: PY07
Prerequisites: PYB101, PYB012 or PYB102
Credit points: 12 **Contact hours:** 3 per week
Campus offered: CA **Semester offered:** 2

► PYB208 COUNSELLING THEORY & PRACTICE 1
This unit develops knowledge of the counselling process and skills and provides practice in changing the ways in which people express, conceptualise and respond to their concerns. It builds upon the communication skills and concepts introduced in PYB007 and introduces a range of counselling approaches. It emphasises skills in Solution Oriented approaches but also covers a range of models and skills for workers in crisis situations. It provides a basis for further studies in counselling in clinical settings requiring psychotherapeutic intervention, and other modes of delivery such as couple, family or group work.
Courses: PY07
Prerequisites: PYB007 or PYB052
Credit points: 12 **Contact hours:** 3 per week
Campus offered: CA **Semester offered:** 1, 2

► PYB210 RESEARCH & DESIGN & DATA ANALYSIS
This unit takes an hypothesis testing approach to data analysis. This means that statistical analysis is treated as one step in a larger process which also includes formulating theoretically sound predictions, designing a suitable experiment to test the predictions, selection of the appropriate statistics to test the predictions, calculation and interpretation of the required statistics, and reporting the outcomes in the correct way. The aim of the unit is to provide students with the knowledge and skills required to do these tasks with respect to two types of prediction; differences between means and relationship between sets of scores.
Courses: 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 environment-behaviour research and analyse 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; behaviour settings; privacy, personal space, territoriality; environmental meaning and cognition; risk perception; environmental stress; environmental evaluations and appraisals. Specific environments 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

► PYB257 GROUP WORK
Provides an opportunity for experiential group learning, either intensively or in regular program times. It examines types of groups and varieties of group experiences; the importance and uniqueness of group medium; understanding behaviour in the group context; theories and models of group development; leader and member behaviours; planning, implementing and evaluating group methods; establishing groups and planning group approaches; the group as a therapeutic community; evaluating group work; ethical issues.
Courses: PY07
Prerequisites: PYB007, PYB052 or equivalent
Credit points: 12
Contact hours: 1 week intensive between semesters
Campus offered: CA

► PYB258 INTRODUCTION TO THEORY & RESEARCH IN HYPNOSIS
This unit serves as an introduction to experimental hypnosis for those students who may wish to pursue postgraduate study in Clinical and Experimental Hypnosis. It covers socio-cognitive theories of hypnosis and interactive-phenomenological models and perspectives. The unit investigates research on: dissociation, hypnotisability, regression, responsiveness, consciousness, altered states, hypnotic dreams, and hallucinations, ideomotor signals, post-hypnotic amnesia and assessment of hypnotisability.
Courses: 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 emphasis on the psychopharmacology of addictive behaviours. To establish a framework for learning, classes will initially include a review of neurobiology, introduction to pharmakinetics, and discussion of research methods used to investigate psychopharmacological effects of drugs on behaviour. Subsequent classes will address the history and origin of the more commonly used addictive substances, routes of administration, patterns of distribution and excretion, neuropharmacology, and effects of acute and chronic administration. Substances covered will include those that are most widely associated with problems of dependence and addiction, such as alcohol and nicotine, as well as substances used in the treatment of addictive behaviours (e.g. methadone, naltrexone etc) and in the treatment of mental illness.
Courses: PY07
Prerequisites: PYB158 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 important therefore to understand the behaviour of people, individually and collectively, within the workplace. Industrial and Organisational Psychologists are concerned with advancing the knowledge of the relationship between people and work, as well as using this knowledge to promote the effective organisation of human resources.
Courses: 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 involved in processing information and behavioural models of learning. The information processing component covers topics including: sensory storage, attention, pattern recognition, working memory, long-term memory, and applied psychology. The learning component deals with the phenomenology of behavioural learning paradigms including classical and operant conditioning. In both cases, the unit emphasises the need for critical analysis of theories and the experimental evidence supporting them.
Courses: PY07
Prerequisites: 36 credit points of second or third year Psychology units
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: PYB057
Campus offered: CA **Semester offered:** 1

► PYB304 PHYSIOLOGICAL PSYCHOLOGY
This unit focuses on the scientific study of the biology of human behaviour and discusses this both in relation to human and clinical research. Findings from pure and applied research, as well as research on both human and non-human subjects will be discussed. A number of topics will be covered, including research methods in neuroscience, neuroanatomy and neural conduction, models of brain damage, sleep, memory, and language. Attention will be given also to the influence of hormones on behaviour, on neural development, and the biopsychology of stress and illness. There will be an emphasis on the contributions of biopsychology to the field of neuroscience.
Courses: PY07
Prerequisites: PYB101 or PYB102
Credit points: 12 **Contact hours:** 3 per week
Campus offered: CA **Semester offered:** 1

► PYB306 PSYCHOPATHOLOGY
The unit provides an introduction to problems in psychological functioning and reviews research and theory relating to the major classes of mental disorder identified in DSM-IV, the diagnostic and classification manual most frequently employed in Australia and the United States. An integrated approach to the understanding of psychopathology is emphasised, highlighting the reciprocal influence of biological, psychological and social factors on behaviour.
Courses: PY07 **Prerequisites:** PYB205
Credit points: 12 **Contact hours:** 3 per week
Campus offered: CA **Semester offered:** 2

► PYB311 PSYCHOLOGICAL ASSESSMENT
Psychological assessment is a way of evaluating and understanding individuals. This unit is designed to introduce students to the principles of psychological assessment. They will be informed about the different types of psychological assessments and issues involved in the assessment of normal and clinical populations. Various lectures will address ethical, psychometric, procedural 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

► PYB342 INDEPENDENT STUDY
This unit can only be undertaken with prior approval from the Head of School. Approval will only be given when all other options have been exhausted. It involves a guided set of readings and study in an approved area. Assessment will be negotiated with the relevant supervisor.
Courses: PY07
Prerequisites: 36 credit points of second and third year Psychology units.
Credit points: 12 **Contact hours:** 3 per week
Campus offered: CA

► PYB350 ADVANCED STATISTICAL ANALYSIS
The unit provides students considering further study in Psychology with a thorough grounding in analysis of variance techniques and an introduction to multiple regression: data analysis tools used in a broad range of research designs in the social sciences. The unit extends the introduction to analysis of variance and regression provided in PYB210, considering more complex designs involving two or more independent variables. The course is both theoretical (including the use of conceptual formulae to analyse simple data sets by hand) and practical (analysing data sets using the SPSS statistical package), with the aim of giving students a firm understanding of the principles underlying each analysis. The role of statistical analyses in the broader context of designing and interpreting valid research is emphasised.
Courses: PY07 **Prerequisites:** PYB210
Credit points: 12 **Contact hours:** 3 per week
Campus offered: CA **Semester offered:** 2

► PYB353 OCCUPATIONAL AND VOCATIONAL PSYCHOLOGY
Psychological research underpins the focus of this unit. In the first 8 weeks, students' understanding of selection systems is expanded and deepened. Topics covered include principles of selection, job analysis, final decisions and utility

analysis. Beyond this there is a focus on 'tools' used such as work samples, psychological tests, interviews and biodata. In later weeks, issues relating to career planning and choice are examined. Relevant theories surrounding human development, needs, interests, values, personality factors, social cognition and person-organisation fit are outlined. The focus then moves to tools available for career guidance. Again there is a focus on the intersection of theory and practice. For both parts of the unit, lectures will focus on research findings, while workshops will focus on the practical implications of such knowledge.
Courses: PY07, SS60
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

► PYB356 COUNSELLING THEORY & PRACTICE 2
This unit focuses on the common facilitative factors within a counselling process paying attention to the person of the therapist and the counselling relationship. In order to respond appropriately and therapeutically to the needs of their clients, counsellors must have a clear understanding of the social and interactive processes that occur. Consideration of Verbal, non-verbal, social, emotional, gender, psychological and social dimensions enables counsellors to develop effective, functional and client-focused relationships and to control biases, needs and possible exploitive practices. The unit is highly experiential in delivery, and builds on the approaches to counselling covered in the prerequisite unit.
Courses: PY07 **Prerequisites:** PYB208
Credit points: 12 **Contact hours:** 3 per week
Campus offered: CA **Semester offered:** 1

► PYB358 ADVANCED DEVELOPMENTAL PSYCHOLOGY
In this unit the focus is on child development, with an emphasis on the infant and child up to adolescence. Students will review images of children and the unfolding of their cognitive abilities within the cadre of theories of cognitive development. Among the areas that will be studied are the nature and development of memory, the development of numerical thinking, and children's ability to understand another's view of the world. In addition to these topics a substantial part of the unit will be concerned with the acquisition (both normal and atypical) of language, including also the acquisition of language in the bilingual child. The students' understanding of child development will be increased further through practical assessments, allowing a fuller appreciation of developmental research.
Courses: PY07
Prerequisites: 36 credit points of second level psychology units including PYB051 or PYB203 as one of the units
Credit points: 12 **Contact hours:** 3 per week
Campus offered: CA **Semester offered:** 2

► PYB359 INTRODUCTION TO FAMILY THERAPY
Family therapy, based on a systemic or relationship understanding of human problems, has been one of the most significant influences in the fields of counselling and psychology in recent times. With the increasing emphasis on the family as a focus for social policy, support services, research and intervention, it is important for counsellors and psychologists to have some familiarity with the basic concepts and skills of this broad approach. This subject focuses on providing basic skills and concepts from one particular approach which will be called 'Constructive Therapy', combining aspects of solution-focused therapy, possibility therapy, narrative therapy and reflecting team practice. Students will also be given opportunities to contrast this approach with other major models, and to examine its uses with particular kinds of family situations.
Courses: PY07 **Prerequisites:** PYB208
Credit points: 12 **Contact hours:** 3 per week
Campus offered: CA **Semester offered:** 2

► PYB360 INTERVENTIONS FOR ADDICTIVE BEHAVIOURS
Addictive behaviours, in the form of alcohol-dependence, substance abuse and gambling, are recognised as major problems nationally and internationally. This unit focuses predominantly on psychological aspects of addictive behaviours. To establish a framework for learning, classes will initially review issues relating to psychological models of addiction and methods of studying addictive behaviours. Issues pertaining to the symptomatology, etiology and assessment of addictive behaviours, as well as the theoretical underpinnings of a range of therapeutic interventions will also be discussed. This unit encourages critical thinking and analysis with the aim of enhancing students' understanding of the complex issues relating to management of addictive behaviours.
Courses: PY07 **Prerequisites:** PYB260
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: PYB460
Campus offered: CA **Semester offered:** 2

► PYB371 INTRODUCTION TO ROAD SAFETY
This unit will introduce the key principles and practices in road safety. Special emphasis will be given to the broad context of road use/transport in society and the economic and social implications of road crashes. It will introduce the basics of information retrieval, road crash analysis and interpretation, and the strategic development of road safety countermeasures.
Courses: 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:** 1

► PYB374 APPLYING TRAFFIC PSYCHOLOGY
This unit will review the various strategies and programs designed to modify road user behaviour. Effective and ineffective approaches will be compared, in order to identify the key characteristics of successful programs. While this is a stand-alone unit, it extends many of the theoretical and practical issues covered in PYB372 - Understanding Road User Behaviour.
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/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 aims 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
This unit introduces the field of counselling psychology, one of the specialised professional Colleges within the Australian Psychological Society. The thematic focus is on the critical analysis, comparison, and evaluation of selected counselling orientations (for example, Solution-focused therapy, Narrative therapy, Cognitive-behavioural therapy, Psychodynamic therapy, etc.) The comparison of these approaches involves a consideration of major contemporary issues relating to the integration of theory, research and ethical practice.
Courses: PY09, PY20
Prerequisites: PYB208 or equivalent
Credit points: 12 **Contact hours:** 3 per week
Campus offered: CA **Semester offered:** 1

► PYB403 COGNITIVE NEUROPSYCHOLOGY
This unit aims to provide a broad introduction to the area of neuropsychology and discusses both the clinical and cognitive approaches in the field. Three broad areas will be covered, namely neuroanatomy, neuropathology, and the cognitive analysis of resulting deficits. Students will extend their knowledge of major neuroanatomical structures and their interconnections, with an emphasis on how this information is applied in the clinical setting. They will also study a number of neuropsychological disorders in terms of their diagnosis, assessment and treatment, as well as the psychosocial effects such deficits have on the patients. 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 social and developmental psychology make to the understanding of human behaviour. Human beings integrate social existence and developmental change. It is important from a developmentalist point of view to understand the source so we can understand the outcome. Lifespan psychology believes that while there is life, there is development. There is not a set period where 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 organisation systems, community needs, and human beings in differing cultural, political and economic environments.
Courses: PY09
Prerequisites: PYB205, PYB302
Credit points: 12 **Contact hours:** 3 per week
Campus offered: CA **Semester offered:** 1

► PYB407 RESEARCH AND PROFESSIONAL DEVELOPMENT SEMINAR
This unit is intended to develop and extend students' understanding of research and practice issues in psychology. It will cover current debates and controversies within psychology and students will be encouraged to formulate critical responses to these topics. Attention will also be given to the issue of ethics in psychological research and practice. A case-based approach to the study of ethics will be used, with reference to the APS Code of Ethics as well as Codes from similar international organisations. Where possible guest speakers, including researchers and practising psychologists, will be invited to participate in seminars to develop and expand students' understanding of broader issues in psychological research and practice.
Courses: PY09 **Prerequisites:** PYB401
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 COUNSELLING STUDIES 1
This unit is intended to provide students with an initial overview of the field of counselling, before focusing on the theory and practice of one contemporary perspective called 'Constructive' or 'Time-Effective' Therapy. It is an approach based largely in social constructionist principles and promotes a view of counselling as a unique conversational process which attempts to both validate the client's experience, while pursuing possibilities for desired change. It also suggests a time-effective perspective, emphasising the possibility of working briefly and effectively with clients. Selected ideas and practices from several related approaches including Solution Focused Therapy, Possibility Therapy and Narrative Therapy will be integrated. Students will learn and practice foundational relationship building and goal setting skills, as well as examining more advanced applications. In addition, students will be introduced to important concepts and skills from the area of crisis counselling.
Courses: PY12
Credit points: 12 **Contact hours:** 3 per week
Campus offered: CA **Semester offered:** 1

► PYN001 PROFESSIONAL STUDIES 1
This is an introduction to the professional study of Counselling and the 'Common Factors' present in most Counselling approaches. These factors, which include the working relationship, the focus on client resources, and the instillation of hope, contribute greatly to the Counselling outcome. In order to respond appropriately and therapeutically to the needs of their clients, counsellors must have a clear understanding of the social and interactive processes that occur in counselling. Verbal, nonverbal, social, emotional, gender, psychological and cultural dimensions are all present in the counselling process. Consideration of these dimensions enables counsellors to develop effective, functional and client-focussed relationships 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 COUNSELLING STUDIES 2
The historical development of psychoanalysis and analytic therapy is examined as well as the utilisation of concepts derived from these approaches and from Process/Experiential work. Understanding of the differences between neurotic and psychotic behaviour, and of the need for appropriate referral, is highlighted.
Courses: PY12 **Prerequisites:** PYN000
Credit points: 12 **Contact hours:** 3 per week
Campus offered: CA **Semester offered:** 2

► PYN003 GROUP STUDIES
The development of skills and approaches in organising and facilitating group work, in the context of personal support and therapeutic groups. Establishing group norms; facilitating stages of group development; responding to member behaviour and developing facilitator interventions; planning, implementing and evaluating ethical group work practices; dealing with defensiveness and hidden agendas; applying brief solutions-focused and reflecting team processes to groups; examining the motion of the therapeutic milieu.
Courses: PY12 **Prerequisites:** PYN001
Credit points: 12 **Contact hours:** 3 per week
Campus offered: CA **Semester offered:** 2

► PYN004 COUNSELLING STUDIES 3
This unit is designed to provide both an experiential and skills-based approach to specific approaches. The unit is taught in two complementary strands. One strand is largely experiential which focuses on student's exploration of their own family of origin and family dynamics. The second strand extends the process into specific theoretical perspectives and skill development. The approaches build on some of the major orientations and skill areas covered in your previous units: constructive therapies (i.e. solution-focused therapy and narrative therapy), psychodynamic approaches, and reflecting teamwork.
Courses: PY12 **Prerequisites:** PYN002
Credit points: 12 **Contact hours:** 3 per week
Campus offered: CA **Semester offered:** 1

► PYN005 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 **Prerequisites:** PYN001
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, approaches and theories are reviewed. Each students will have the experience of being supervised using one of five major counselling supervision approaches: Solution-Oriented, Narrative, Process-Experiential, Analytic and Group-Developmental. Professional issues commonly addressed in supervision such as power, gender, culture, consent, duty of care etc are reviewed.
Courses: PY12 **Prerequisites:** PYN001
Credit points: 12 **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 supportive, collaborative and consultative approach depending on the counsellor's level of professional development and competence. Supervision can occur individually or in groups and can take place *in vivo* (during actual counselling) or delayed (using self reporting or taped material).
Courses: PY12 **Prerequisites:** PYN006
Credit points: 12 **Contact hours:** 3 per week
Campus offered: CA **Semester offered:** 1

► PYN008 PROJECT 1-3
Students undertake an individual project of theoretical and/or empirical research in a selected area of counselling. The project is supervised by a member of the teaching staff and progressive work is presented to other students. The completed project is to be presented in the form of a dissertation of not more than 15,000 words. Opportunity may be provided to work in the Family Therapy and Counselling Clinic as a way of achieving Project requirements.
PYN008/1 is completed in semester 1, and PYN008/2 and PYN008/3 are completed in semester 2.
Courses: PY12 **Prerequisites:** PYN005
Credit points: 12 for each section
Contact hours: 3 per week equivalent
Campus offered: CA

► PYN013 ADVANCED COUNSELLING STUDIES
Having completed Counselling Studies 1, students have a 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 or more specialised areas. Students will select studies in two modules. Areas from which selections can be made might include: Experiential Therapy, Family Therapy, Narrative Therapy, Relationship Counselling, Depression, Loss & 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 **Prerequisites:** PYN000
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 three major approaches to counselling - psychodynamic solution focused/narrative and cognitive behavioural therapies. A wide range of therapeutic procedures suitable for clients who present typically for counselling are discussed, as well as encouraging students to constructively criticise and utilise the ever-increasing literature in counselling psychology.
Courses: PY17
Prerequisites: PYB402 or other counselling psychology courses approved by course coordinator
Credit points: 12 **Contact hours:** 3 per week
Campus offered: CA **Semester offered:** 1

► PYN027 ADVANCED PSYCHOLOGICAL ASSESSMENT
This unit is designed to build on undergraduate training in psychometric assessment by reinforcing the understanding of theoretical perspectives in testing, increasing the range of tests with which the student is familiar, and developing competency in test administration, interpretation, and report writing in the counselling context.
Courses: PY17
Prerequisites: PYB311 or equivalent
Credit points: 12 **Contact hours:** 3 per week
Campus offered: CA **Semester offered:** 1

► PYN029 ADVANCED COUNSELLING PSYCHOLOGY II
This unit extends your learning beyond individual counselling into the context of relationship counselling. Contemporary approaches to counselling have increasingly emphasised the importance of a relational understanding of human problems and change processes. The general area of family therapy has been most notable in contributing important concepts and skills that can be applied to most forms of relationship counselling. It is important to have some understanding of these concepts and skills in order to be able to respond to the diverse needs of contemporary practice.
Courses: PY17 **Prerequisites:** PYN026
Credit points: 12 **Contact hours:** 3 per week
Campus offered: CA **Semester offered:** 2

► PYN030 ETHICAL, LEGAL AND SUPERVISION ISSUES IN COUNSELLING PSYCHOLOGY
Counselling psychology practice involves a unique process which requires an understanding of special roles, power relationships, boundaries and ethical principles in order to safeguard client rights. This unit presents an overview of ethical, legal and professional issues encountered in

practice, and also emphasises the role of supervision in addressing these.
Courses: PY17 **Prerequisites:** PYN026
Credit points: 12 **Contact hours:** 3 per week
Campus offered: CA **Semester offered:** 2

► PYN031 RESEARCH THESIS 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 12 credit point sections, which will be PYN031/1, PYN031/2, PYN031/3, and PYN031/4.
Courses: PY17
Credit points: 48
Campus offered: CA
Semester offered: 1 (PYN031/1 and PYN031/4), 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 can be traced throughout human history. Currently the epidemiology, etiology diagnosis and treatment of PTSD is experiencing unprecedented interest by a whole range of therapeutic professions. This unit focuses upon the way counselling psychologists can be useful in the understanding and the treatment of trauma in general and PTSD in particular.
Courses: PY17
Prerequisites: PYN026 **Corequisites:** PYN029
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 where counselling is the most frequently used therapeutic procedure. This unit will consist of supervised client contact of up to 250 hours.
Courses: PY17 **Prerequisites:** PYN030
Credit points: 12 **Contact hours:** 3 per week
Campus offered: CA **Semester offered:** 1

► PYN036 SUPERVISED PRACTICUM 2
This unit is intended to exposure students to further in-depth experience of counselling psychology by focusing on placements, continuing on from PYN035.
Courses: PY17 **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: PY17 **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: PY17 **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 recognised as major problems nationally and internationally. This unit focuses predominantly on psychological aspects of addictive behaviours. To establish a framework for learning, classes will initially review issues relating to psychological models of addiction and methods of studying addictive behaviours. Issues pertaining to the symptomatology, etiology and assessment of addictive behaviours, as well as the theoretical underpinnings of a range of therapeutic interventions will also be discussed. This unit encourages critical thinking and analysis with the aim of enhancing students' understanding of the complex issues relating to management of addictive behaviours. Offered in Winter School
Courses: PY09, PY20
Prerequisites: PYB260 or similar unit
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: PYB360
Campus offered: CA **Semester offered:** 2

► PYP300 CLINICAL HYPNOSIS: FOUNDATIONS IN THEORY & PRACTICE
Develops students' knowledge concerning the nature of hypnosis and its phenomena, the suitability for hypnosis and the contra-indications that may prevent it being incorporated safely into the treatment of particular clinical problems.
Courses: PY30, PY32
Credit points: 12 **Contact hours:** 3 per week
Campus offered: CA **Semester offered:** 1

► PYP301 HYPNOSIS: PROCESSES & TECHNIQUES
Students are instructed how to apply the general techniques and processes to health practices in general, learn about ethics and problems that may arise in normal practice and how to ensure high standards of client care with both children and adults. The use of music in hypnosis-appropriate group inductions, ego-strengthening and direct suggestion, the role of hypnosis in psychosomatic medicine. Topics include: anxiety treatment, pain management, habit control, malleability of memory, smoking cessation, treating depression, help with eating disorders, stress management and self-hypnosis.
Courses: PY30, PY32
Credit points: 12 **Contact hours:** 3 per week
Campus offered: CA **Semester offered:** 1

► PYP302 CLINICAL APPLICATIONS O HYPNOSIS: GENERAL AND DISCIPLINE-BASED
Expands on the groundwork of PYP301 and enables the student to learn and practise special applications of hypnotic techniques and processes for their specialty discipline, whether that be in general medical practice, dentistry, psychiatry or psychology. In medicine, special attention is paid to the use of hypnosis in invasive or stressful medicine procedures, oncology, obstetrics and gynaecology, skin disorders and burn treatment. In psychiatry and psychology, students learn about applications of hypnosis in bereavement, sexual and physical abuse, desensitisation for anxiety and sex therapy. Additionally, autogenic training, sports medicine, pain management, exam preparation and study skills enhancement is addressed.
Courses: PY30, PY32 **Credit points:** 12
Campus offered: CA **Semester offered:** 2

► PYP304 FOUNDATIONS OF EFFECTIVE CLINICAL RESEARCH IN HYPNOSIS
Describes the theories and models of hypnosis in the textbooks; demonstrates an understanding of various hypnotic phenomena; and describes ways in which hypnotic test scales can be utilised in research.
Courses: PY30
Credit points: 12 **Contact hours:** 3 per week
Campus offered: CA **Semester offered:** 1

► PYP306 DISSERTATION: CLINICAL RESEARCH REVIEW 1-3
PYP306/1: Designs the plan of the literature review within a specialised area and conducts an initial survey of the literature on an approved topic. PYP306/2: Develops the literature review by widening the breadth and depth of the searches and refining the earlier hypotheses and producing a draft of the review. PYP306/3: Students complete the review and write the final document under the direction of the supervisor.
Courses: PY30
Credit points: 12 **Contact hours:** 1 per week
Campus offered: CA **Semester offered:** 1, 2

► PYP307 CLINICAL CASE SUPERVISION (GROUP & INDIVIDUAL)
Develops effective and creative applications for the hypnotic techniques within the areas of clinical speciality of the students participating.
Courses: PY30, PY32
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. Special emphasis will be given to the broad context of road use/transport in society and the economic and social implications of road crashes. It will introduce the basics of information retrieval, road crash analysis and interpretation, and the strategic development of road safety countermeasures.
Courses: PY40, PY41
Contact hours: 3 per week
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, motorcycle riders, cyclists and pedestrians. A range of theoretical models will be examined which have been used to explain the behaviour of road users.
Courses: PY40, PY41
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: PY40, PY41
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: PY40, PY41
Credit points: 12 **Contact hours:** 3 per week

► PYP406 ROAD SAFETY THEORY TO PRACTICE
This unit will be undertaken in the latter half of both the Graduate Certificate and Graduate Diploma courses and will draw together the various themes developed during the program. It is designed to provide students with an opportunity to study and respond to an existing or emerging road safety problem. The 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: PY40, PY41 **Prerequisites:** PYP401
Credit points: 12
Contact hours: 12 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: PY41
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

this University. It will also introduce students to personal computing within QUT and to recognise areas of student activity where computer applications are both possible and desirable.
Courses: BS40, IT10 and IF06
Credit points: 0
Contact hours: 3 per week for 2 weeks
Campus offered: KG **Semester offered:** 1, 2, 3

► QCD110 COMMUNICATION FOR BUSINESS 1
Focuses on the macro-skills of listening, reading, writing and speaking; establishes techniques for extending vocabulary; uses spoken and written texts of an academic nature to summarise, analyse, make inferences and recognise key concepts; incorporates strategies for effective group participation in a cross-cultural context; helps students learn techniques for writing successfully in genres appropriate to their field of study.
Courses: BS40, IF06
Credit points: 12 **Contact hours:** 4 per week
Campus offered: KG **Semester offered:** 1, 2, 3

► QCD120 COMMUNICATION FOR INFORMATION TECHNOLOGY 1
Focuses on the macro-skills of listening, reading, writing and speaking; establishes techniques for extending vocabulary; uses spoken and written texts of an academic nature of summarise, analyse, make inferences and recognise key concepts; incorporates strategies for effective group participation in a cross-cultural context; helps students learn techniques for writing successfully in genres appropriate to their field of study.
Courses: IT10
Credit points: 12 **Contact hours:** 4 per week
Campus offered: KG **Semester offered:** 1, 2, 3

► QCD210 COMMUNICATION FOR BUSINESS 2
This unit further explores lexicogrammatical items and generic structure to primarily promote producing skills of speaking and writing positioned in context of Field, Tenor and Mode. Effective speaking skills are developed according to academic presentation requirements. Skills for coherent and well-structured writing are also extended to enable efficient essay writing as well as the refinement of exam 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:** QCD110
Credit points: 12 **Contact hours:** 4 per week
Campus offered: KG **Semester offered:** 1, 2, 3

► QCD220 COMMUNICATION FOR INFORMATION TECHNOLOGY 2
This unit further explores lexicogrammatical items and generic structure to primarily promote producing skills of speaking and writing positioned in context of Ideas, Tenor and Mode. Effective speaking skills are developed according to academic presentation requirements. Skills for coherent and well-structured writing are also extended to enable efficient essay writing as well as the refinement of exam 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: IT10 **Prerequisites:** QCD120
Credit points: 12 **Contact hours:** 4 per week
Campus offered: KG **Semester offered:** 1, 2, 3

► QCE001 GENERAL ENGLISH (FULL-TIME)
General English offers English language and study skills for students preparing for entry into English for Academic Purposes, Foundation and Diploma courses and QUT undergraduate and postgraduate award programs. Courses are offered at all levels from elementary to advanced.
Courses: QC20
Credit points: 16 per four-week module
Contact hours: 25 per week
Campus offered: KG
Semester offered: All year

► QCE002 GENERAL ENGLISH (PART-TIME)
General English offers English language and study skills for students preparing for entry into English for Academic Purposes, Foundation and Diploma courses and QUT undergraduate and postgraduate award programs. Courses are offered at all levels from elementary to advanced. Study in this unit is usually only granted upon special arrangement.
Courses: QC20
Credit points: 8 per four-week module
Contact hours: 12.5
Campus offered: KG
Semester offered: All year

► QCE003 ENGLISH FOR ACADEMIC PURPOSES FOR DIRECT ENTRY TO QUT
The major aim of the English for Academic Purposes course is to assist international students to upgrade their English proficiency level and to meet university entry requirements. This course is designed to prepare students for independent study and to familiarise them with an Australian academic setting in terms of study techniques and student/lecturer relations and expectations.
Courses: QC10
Credit points: 48 **Contact hours:** 25 per week
Campus offered: KG **Semester offered:** 1, 2, 3

► QCE004 ENGLISH FOR ACADEMIC PURPOSES FOR QUTIC COURSES
The major aim of the English for Academic Purposes course is to assist international students to upgrade their English proficiency level and to meet university entry requirements. This course is designed to prepare students for independent study and to familiarise them with an Australian academic setting in terms of study techniques and student/lecturer relations and expectations.
Courses: QC10
Credit points: 48 **Contact hours:** 25 per week
Campus offered: KG **Semester offered:** 1, 2, 3

► QCF111 TERTIARY PREPARATION STUDIES 1
This unit is designed to introduce international students to the study and learning skills required in an Australian university while gaining an understanding of the Australian culture and society; Australia's Indigenous People, a brief review of Australian history; the family and multiculturalism; on line literacy; Microsoft Word; study skills and examination techniques.
Courses: QC02
Credit points: 12 **Contact hours:** 6 per week
Campus offered: KG **Semester offered:** 1, 2, 3

► QCF112 COMMUNICATION 1
Designed for international students, to help them communicate successfully in a variety of situations; the fundamentals of both oral and written communications set within the context of a number of academic situations; oral communication; effective listening skills; knowledge of how to conduct a seminar; the gathering of information from a variety of sources and its organisation for specific purposes; the various writing genres and the correct use of conventions in the English language.
Courses: QC02
Credit points: 12 **Contact hours:** 6 per week
Campus offered: KG **Semester offered:** 1, 2, 3

► QCF113 COMMUNICATION EXTENSION
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; grammar workshops and individual sessions where students can have support for assignment planning and editing, practising presentations and general assistance with any language problems.
Note: Students are tested to establish if they are required to take this unit.
Courses: QC02
Credit points: Nil **Contact hours:** 2 per week
Campus offered: KG **Semester offered:** 1, 2, 3

► QCF120 ACCOUNTING 1
Introduces the essential concepts of debit and credit; processing of financial transactions via journals and ledger through to trial balance for a sole-trading enterprise; end of accounting period adjustments and final reports, specifically preparation of Profit and Loss statements and Balance Sheets and accounting controls over cash.
Courses: QC01, QC02
Credit points: 12 **Contact hours:** 4 per week
Campus offered: KG **Semester offered:** 1, 2, 3

► QCF121 ECONOMICS 1
Introduces international students to: major economic issues; the basics of economic literacy necessary for future tertiary studies; a working knowledge of the Australian Economy; an understanding of economic problems with particular reference to Australia; the main economic systems; the purpose of a 5 sector model and the functions and characteristics of each sector.
Courses: QC01, QC02
Credit points: 12 **Contact hours:** 4 per week
Campus offered: KG **Semester offered:** 1, 2, 3

► QCF122 ORGANISATIONS & MANAGEMENT
The unit is designed to provide students with an appreciation of what it is like to be part of an organisation, recognising that they play a major role in all aspects of our lives. Increasingly we are in an international environment where the emphasis is on the use of information, the ability to learn and innovate and to handle change. Thus focus is on skills and the understanding of concepts that are needed in all areas of organisational life and will also assist in personal development and contribute to job and life satisfaction.
Courses: QC01, QC02
Credit points: 12 **Contact hours:** 5 per week
Campus offered: KG **Semester offered:** 1, 2, 3

► QCF150 MATHEMATICS
Basic algebra; equations (including simultaneous equations); functions (including polynomials, exponential, logarithmic) and their graphs; growth and decay; introduction to trigonometry; introduction to matrices; factorisation; analytical geometry; averages; dispersion; probability.
Courses: QC01, QC02
Credit points: 12 **Contact hours:** 5 per week
Campus offered: KG **Semester offered:** 1, 2, 3

► QCF153 PHYSICAL SCIENCES 1
Introduces international students to scientific study and research processes and the basic principles underlying Physics and Chemistry; Heat and Temperature; Geometric properties of light; Reflection and refraction; Wave properties of light; Diffraction and interference; Introduction to Electricity and Magnetism; The Atom; Chemical Periodicity; Chemical Names and Formulas; Chemical Bonding; Chemical Quantities; Chemical Reactions - Stoichiometry; Thermochemistry; The Behaviour of Gases.
Courses: QC01, QC02
Credit points: 12 **Contact hours:** 5 per week
Campus offered: KG **Semester offered:** 1, 2, 3

► QCF210 APPLIED PSYCHOLOGY
Students are introduced experientially to the scientific study of human behaviour and mental activity. Topics include: people, the world around us and building relationships; memory, cognition and intelligence; learning approaches; personality; vocational behaviour; stress; abnormal behaviour; motivation and emotion; working in groups and social influences.
Courses: QC01, QC02
Credit points: 12 **Contact hours:** 5 per week
Campus offered: KG **Semester offered:** 1, 2, 3

► QCF211 TERTIARY PREPARATION STUDIES 2
This unit continues to develop the skills initiated in Tertiary Preparation Studies 1; Australian government and law; foreign policy; Microsoft Powerpoint; introduction to Microsoft Excel; The Web; critical thinking and problem solving.
Courses: QC01, QC02
Prerequisites: QCF111 or equivalent studies
Credit points: 12 **Contact hours:** 5 per week
Campus offered: KG **Semester offered:** 1, 2, 3

► QCF212 COMMUNICATION 2
The promotion of clear and concise writing in particular genres (essays, assignments and re-

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 answering exam questions with an awareness of relevance and time management.
Courses: QC01, QC02
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 subsystems such as 10 column worksheets, control accounts and subsidiary ledgers; inventory and fixed asset systems; accounting for credit transactions; budgeting, cash flow and financial analysis techniques useful for management.
Courses: QC01, QC02
Prerequisites: QCF120 or equivalent studies
Credit points: 12 **Contact hours:** 5 per week
Campus offered: KG **Semester offered:** 1, 2, 3

► QCF221 ECONOMICS 2
This unit introduces students to the study of macroeconomics. Units studied include the five sector model, the trade cycle, inflation and unemployment, government policy, the external sector, and micro reform.
Courses: QC01, QC02
Prerequisites: QCF121 or equivalent studies
Credit points: Nil **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-orientated programming language; the foundation of relational databases in terms of storing, altering and retrieving information, using SQL for its implementation; a basis for the specification and
implementation of information systems using relational algebra.
Courses: QC01, QC02
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 methods of dispute settlement; the fundamental elements of the law of torts including negligence, defamation, nuisance, assault and battery and trespass to land; the law of contract including the formation of a contract, the factors that may affect the validity of a contract and the circumstances leading to the discharge of a contract.
Courses: QC01, QC02
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 interest; compound interest; present and future values; annuities; amortisation of debts; sinking funds; budgeting; t tests; regression analysis and correlation.
Courses: QC01, QC02
Prerequisites: QCF150 or equivalent studies
Credit points: 12 **Contact hours:** 5 per week
Campus offered: KG **Semester offered:** 1, 2, 3

► QCF251 MATHEMATICS C
Rate of change; the derivative; stationary points; curve sketching; optimisation; integration; probability distribution; the binomial distribution; normal distribution; hypothesis testing; trigonometry including trigonometrical ratios and circles; Pythagorean identities; periodic functions, applications of integration; advanced topics in differential and integral calculus, error and approximation.
Courses: QC01, QC02
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: QC01, QC02
Prerequisites: QCF153 or equivalent studies
Credit points: 12 **Contact hours:** 5 per week
Campus offered: 1, 2, 3 **Semester offered:** KG

► QCF253 PHYSICAL SCIENCES 2
Prepares international students for tertiary studies in the Applied Sciences and provides a solid foundation in basic chemistry and physics and experimental techniques; Water and Aqueous Systems - Properties of solutions; Acids - Bases - Neutralisation; Oxidation Reduction Reactions - Electrochemistry; Reaction Rates and Chemical Equilibrium; Introduction of Organic Chemistry; Physical quantities, Units, Vectors/scalars; Kinematics, Graphical analysis of Motion; Vector addition and subtraction; Projectiles; Force, mass, weight; Newton's three laws; Circular motion; Gravitational force, inertial and gravitational mass; Work, Energy; Power; Momentum, force impulse, collisions; Angular quantities, kinematic equations for rotational motion; Simple Harmonic Motion.
Courses: QC01, QC02
Prerequisites: QCF153 or equivalent studies
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 note taking strategies. 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 also be encouraged to develop speaking proficiency in tutorial discussion, oral presentation and seminar management.
Courses: QC03 **Contact hours:** 6 per week
Campus offered: KG **Semester offered:** 1, 2

► QCS212 TERTIARY STUDY SKILLS
Introduces international students to the expectations and demands of the education system in which they will continue their University studies. A thematic study of Australian culture and society will allow students to develop reading and research skills, written and oral presentation skills and effective research skills.
Courses: QC03 **Contact hours:** 4 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 areas: Grammar Workshops and individual sessions where students can have support for assignment planning and editing, practising presentations and general assistance with any language problems.
Courses: QC03
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 covers: access to the QUT network, Microsoft Windows, email, internet, word processing and presentation and the use of technology for research.
Courses: QC03 **Contact hours:** 4 per week
Campus offered: KG **Semester offered:** 1, 2

► SCB202 SCIENCE, TECHNOLOGY AND SOCIETY
This unit investigates the interactions and effects that exist between modern science, technology and society both from a social and historical viewpoint. Advances such as the advent of the Internet, genetic modification and nanotechnology are discussed within a context of globalisation, global communications and social change. The unit also includes a study of the nature of science and technology and the nature of scientific knowledge. A major feature of the unit involves groups of students developing and delivering 'a hypothetical' on a contemporary science and technology issue affecting society.
Courses: ED50, IF71, SC01
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 origin, brief introduction to stars and galaxies. Practical exercises and field trips.
Courses: ED50, IF71, SC01
Credit points: 12 **Contact hours:** 5 per week

► SCB301 SCIENCE FOR DEAN'S SCHOLARS
The content of this unit is offered through a series of approximately six modules, of which students are required to complete three. The range of modules, together with the selection required, ensures that students have a broad foundation for advanced studies. The modules offered include Life Sciences, Chemistry, Physics, Mathematics, Statistics and Environmental Science.
Courses: SC01 (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 study of topics and concepts in science that will support the student's progress in initial studies in advanced level units.
Courses: SC01 (Dean's Scholars program)
Prerequisites: SCB301
Credit points: 12
Contact hours: (Consultation with Academic Mentor)
Semester offered: 1

► SCB401 RESEARCH METHODS FOR DEAN'S SCHOLARS
Literature 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 on future alternatives; economic mineral resources; energy sources; water and soil resources; realities and limits of earth resources; resource 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 prospecting search and exploration; mining leases on crown lands and mining on private land; the enforcement of mining interest; petroleum legislation in Australia; company structure; joint ventures; practical work involves applications for exploration licences; claims and leases. A field trip may be included.
Courses: ED50, IF39, IF71, SC01
Credit points: 12 **Contact hours:** 4 per week

► SCB501 RESEARCH PROJECT FOR DEAN'S SCHOLARS
Individually tailored research project carried out under the supervision of a research mentor.
Courses: SC01 (Dean's Scholars program)
Prerequisites: SCB401
Credit points: 24
Contact hours: (Individual research project)
Campus offered: GP **Semester offered:** 1, 2

► SPB001 HUMAN DEVELOPMENT & EDUCATION
Life span development for students interested in early childhood, primary or secondary. Theoretical perspectives on human development; cognitive, language, moral and social-emotional development; understanding differences in learners: the impact of ethnicity and culture on human development, exceptional development, and the concept of inclusive education.
Courses: ED43, ED50, ED51, ED52, ED55, ED56, ED57, IF70-79, IF81, IF82, IF83, IF84
Credit points: 12 **Contact hours:** 3 per week

► SPB002 PSYCHOLOGY OF LEARNING & TEACHING
Theories of learning, metacognition, motivation, problem solving, thinking and creativity. Intelligence and thinking styles. Psychological dimensions of assessment. Creating optimum environments for learning. Teaching and learning implications of ethnicity and culture. Teaching to difference in a context of inclusive education.
Courses: ED26, ED50, ED51, ED52, ED53, ED55, ED56, ED57, IF70-79, IF81, IF82, IF83, IF84
Credit points: 12 **Contact hours:** 3 per week

► SPB003 TEACHING CHILDREN WITH LOW INCIDENCE DISABILITIES AND HEALTH PROBLEMS
Introduction to a wide range of low incidence exceptionalities (for example sensory impairments, developmental delay and health impairments such as epilepsy, asthma and hepatitis, and so on); methods of managing associated disabling conditions; implementation and evaluation of programming; support and referral services.
Courses: ED43, ED50, ED51, ED52, ED54, ED55, IF70-79
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 exceptional groups. Provides an opportunity for development of specialist skills and resources in one of the following areas: (a) students with learning difficulties; (b) gifted students; (c) students with low incidence disabilities, for example hearing impaired, visually impaired or physically handicapped; (d) behaviourally or emotionally disturbed students.
Courses: ED43, ED50, ED51, ED52, ED54, ED55, IF70-79
Credit points: 12 **Contact hours:** 3 per week

► SPB005 INTERACTIVE TEACHING STRATEGIES
Interactive teaching strategies offer alternatives to whole-class or lecture methods of presentation, 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 relevant to individual experience, and invite the use of higher order thinking skills. This is a practical, hands-on subject, structured according to principles of adult learning, a workshop format with contract-based assessment.
Courses: ED26
Credit points: 12 **Contact hours:** 3 per week

► SPB006 EDUCATIONAL COUNSELLING
The nature of counselling/helping in educational contexts; the educator as counsellor; characteristics of effective helpers, practical development of communications skills, building an empathic relationship; structuring the counselling process; application of some counselling theories to the educational contexts; practical sessions using educationally based role plays to demonstrate effective use of the skills learned. Compulsory study school for external students. Incompatible with studies in Counselling or equivalent at Diploma of Teaching level.
Courses: ED13, ED26, ED43, ED50, ED51, ED52, ED54, ED55, ED61, 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, STDs, child sexual abuse, sexual assault, pornography. Implications for school, community, and health-care workers and educators, with emphasis on the former.
Courses: ED26, ED43, ED50, ED51, ED52, ED54, ED55, IF70-79, NS40, NS48
Credit points: 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 reform initiatives being implemented by schools to address these issues. The unit analyses the work of agencies and major reports in the middle years of schooling and examines aspects of research focussing on reform in curriculum, pedagogy and the way schools are organised. The unit is one of four units forming a pathway into the middle years of schooling for primary and secondary teaching.
Courses: ED26, ED50, ED51, ED55, IF70-79
Credit points: 12 **Contact hours:** 3 per week

► SPB009 RESEARCH METHODS IN EDUCATION
Development of an awareness and understanding of the research process for a historical, sociocultural, ethical and theoretical perspective; the validity, applicability and suitability of various research strategies for specific educational endeavours; comprehension and evaluation of research findings drawn from a variety of perspectives, paradigms and methodologies; development of skills to conduct research appropriate to answer questions.
Courses: ED23, ED26, ED28, ED43, ED50, ED51, ED52, ED54, ED55, IF70-79
Credit points: 12 **Contact hours:** 3 per week

► SPB010 EDUCATION LAW & THE BEGINNING TEACHER
Legal literacy; sources of education law; students- and rights; students- law and schools; parents law and education; teachers- rights and obligations; teachers and school-based accidents; educational malpractice.
Courses: ED43, ED50, ED51, ED52, ED54, 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 environments; the design of learning experiences for people in non-formal learning contexts.
Courses: ED43, ED50, ED51, ED52, ED54, ED55, IF70-79
Credit points: 12 **Contact hours:** 3 per week

► SPB012 CLASSROOM & BEHAVIOUR MANAGEMENT
Reviews and extends knowledge about managing learners to meet their needs in purposive and responsive learning environments. A reflective and research oriented evaluation of topics is encouraged, including managerial, environmental and educational conceptions of developing positive relations, teaching for motivation, and contemporary models, structures and frameworks for decision-making, relating to co-operative learning environments.
Courses: ED43, ED50, ED51, ED52, ED54, ED55, IF70-79
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-based assessment, National Standards and Frameworks, are but a few of the recent educational developments impinging on the profession of teaching. This unit promotes understanding of the principles of convergence, and the meaning and interpretation of competence in practice from both a national and international perspective. Strategies that enable students to plan, implement, and assess work programs in a manner consistent with contemporary educational thought are explored.
Courses: ED26, ED50, ED54, ED55, IF70-79
Credit points: 12 **Contact hours:** 3 per week

► SPB014 ADVANCED SKILLS OF EFFECTIVE LEARNING & TEACHING
The Queensland Education Department's corporate plan focuses on teachers having skills and attitudes to teach in a socially just framework and to facilitate effective learning and teaching. This unit develops an understanding of the Principles 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.
Courses: ED50
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, diverse and complex nature of teachers' professional work in the primary classroom with a view to developing in graduating teachers an holistic, comprehensive and critical approach to the curriculum dilemmas that permeate their work.
Courses: ED51
Credit points: 12 **Contact hours:** 3 per week

► SPB016 TEACHERS & THE CURRICULUM
Development of concepts and strategies essential to the processes of school-based curriculum development and the design, implementation and evaluation of relevant school programs; the significance of curriculum in the broader sense to a spectrum of individual professional teaching perspectives.
Courses: ED26, ED50, ED51, ED53, ED55, ED61, IF70-79
Credit points: 12 **Contact hours:** 3 per week

► SPB017 CLASSROOM MANAGEMENT: MODELS & PRACTICE
Practical and research-based approaches to classroom management and discipline for teachers. Includes techniques that motivate pupils in daily teaching, rule development, teaching for responsibility, dealing with parents and communication and settings for on-task behaviour and meeting student needs.
Courses: ED26, ED43, ED50-55, ED61, IF70-79
Credit points: 12 **Contact hours:** 3 per week

► 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, ED61, IF70-79
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, ED54, ED55, IF70-79
Credit points: 12
Contact hours: 3 per week

► SPB020 CLASSROOM ASSESSMENT PRACTICES
Examination of nature and purpose of assessment; traditional and contemporary developments in the assessment of students in a range of settings; test construction and validation; record keeping and reporting, with emphasis on practical applications by practising teachers.
Courses: ED26, ED43, ED50-55, ED61, IF70-79
Credit points: 12 **Contact hours:** 3 per week

► SPB021 EDUCATORS & THE LAW
Legal literacy; sources of education law; students and rights; students- law and schools; parents- law and education; educators rights and obligations; educators- and school-based accidents; 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 the middle school movement and how this has the potential to impact on the needs and interests of young adolescents. The focus is on a more integrated approach to curriculum, teaching strategies appropriate to middle schools and authentic assessment.
Courses: ED26, ED50, ED51, ED55, IF70-79
Credit points: 12 **Contact hours:** 3 per week

► SPB023 ADULT LEARNING & DEVELOPMENT
The psychological foundations of human learning and development with special emphasis on adults. Contemporary theories and research issues such as cognition and learning, the effect of motivation on learning, understanding group dynamics, self/identity development, and creating effective learning environments will be explored.
Courses: ED54, ED26
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 Agenda, issues such as multiskilling, contextualised learning, intervention to accelerate performance, and transfer of knowledge and skill are addressed.
Courses: ED54
Credit points: 12 **Contact hours:** 3 per week

► SPB025 THE INDIVIDUAL IN ADULT & WORKPLACE EDUCATION
Tailoring instruction to the needs and strengths of individuals and acquiring confidence in planning, organising and implementing learning experiences. The focus ranges from setting up initial meetings to creating responsive positive learning environments and evaluating outcomes in terms of individual learners.
Courses: ED54, ED26
Credit points: 12 **Contact hours:** 3 per week

► SPB026 ADULT EDUCATION IN THE WORKPLACE & COMMUNITY
The nature of all common forms of adult education, with particular emphasis on workplace and community settings; analyses key concepts and views of leading adult educators, and relates them to current attempts in Australia to provide effective forms of post-compulsory education and training.
Courses: ED54, ED26, ED61
Credit points: 12 **Contact hours:** 3 per week

► SPB027 ORIENTATION TO ADULT & WORKPLACE PROGRAMS
Basic concepts in curriculum and curriculum processes for contemporary adult, workplace and community education. The nature of programs; investigating needs, competencies and outcomes; planning learning opportunities; participant assessment and program evaluation.
Courses: ED54, ED26, ED61
Credit points: 12 **Contact hours:** 3 per week

► SPB028 THE GROUP IN ADULT & WORKPLACE EDUCATION
Introduction to the theory relating to groups and explores processes which occur in adult groups. Participants deal with practical applications for educational settings, with special emphasis on developing facilitating skills.
Courses: ED54, ED26, ED61
Credit points: 12 **Contact hours:** 3 per week

► SPB029 INSTRUCTIONAL STRATEGIES FOR ADULT & WORKPLACE EDUCATORS
Exploration of theories and practices related to effective instructional strategies in diverse settings; introduction to skills and concepts required by competent practitioners in formal and non-formal teaching and learning settings within workplaces and communities.
Courses: ED54, ED26, ED61
Corequisites: SPB027
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 **Prerequisites:** SPB029
Credit points: 12 **Contact hours:** 3 per week

► SPB031 LAW IN THE ADULT & WORKPLACE ENVIRONMENT
Recent legal and legislative developments mean that employers and employees require greater awareness of their legal responsibilities in all workplace environments. This unit provides a level of legal literacy appropriate to sound legal risk management in workplace settings.
Courses: ED54
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 and workplace-delivery using a range of communications and information technologies. Experience in the use of the technology and educational design, strategies, and techniques is developed. (Students will need easy access to a computer and modem.)
Courses: ED54, ED61
Credit points: 12 **Contact hours:** 3 per week

► SPB034 ORGANISATION & ADMINISTRATION OF ADULT & WORKPLACE EDUCATION
Adult and workplace educators are responsible for the effective planning, organisation and management of a broad spectrum of training modules, courses and programmes. This unit will assist the adult and workplace educator to explore, analyse and apply strategic planning and HRM processes within diverse organisational contexts. Emphasis will be placed on an understanding of the concepts and theories associated with enhancing learning at work, and human resource management, in order to guide effective practice.
Courses: ED54, ED26
Prerequisites: SPB026, CLB304
Credit points: 12 **Contact hours:** 3 per week

► SPN600 LEARNERS AND TEACHERS IN CONTEXT
Introduction to course themes of the teacher as researcher and critically reflective practitioner; development of a variety of case study, experiential learning and research methodologies to investigate the nature of the learner and the learning process within a variety of social and cultural contexts; exploration of human development, individual differences, and the factors which can influence effective learning and teaching; the relationship of all of the above to Areas of Specialisation (Early Childhood, Primary, Secondary).
Courses: ED17, ED18, ED19
Credit points: 24 **Contact hours:** 5-6 per week

► SPN601 TEACHING STUDIES
Introduces students to contemporary approaches to the curriculum and key learning areas, as well as provides the practical skills and understandings necessary for managing and promoting learning in a wide range of contexts.
Courses: ED17, ED18, ED19
Credit points: 12 **Contact hours:** 3 per week

► SPN602 PROFESSIONAL TEAMING, CASE AND PROJECT IMPLEMENTATION
This unit focuses on the transition from pre-service student to qualified professional. The unit will provide an opportunity for refinement of knowledge, skills and understandings gained in previous semesters, and assist students to become independent, collaborative and reflective professionals.
Courses: ED17, ED18, ED19
Credit points: 24 **Contact hours:** 5-6 per week

► SPN603 INTERDISCIPLINARY PRIMARY CURRICULUM STUDIES
The unit is designed to consolidate and expand students developing understandings and capacities associated with classroom teaching, program planning, implementation and evaluation, and student assessment and reporting in specific key learning areas. It will also consolidate their curriculum understandings in the key learning areas with a view to ensuring that holistic, cross curriculum, student responsive planning and teaching will occur as an integral part of each 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, evaluation and reporting; accountability; and to the need to be inclusively responsive to the diverse range of student backgrounds, abilities and aspirations. It examines relevant influences within a context of change as a basis for a more informed and criti-

cally aware understanding of where teachers and their professional work fit.
Courses: ED17, ED18, ED19
Credit points: 12 **Contact hours:** 3 per week

► SPN610 ADVANCED EDUCATIONAL COUNSELLING
The major theoretical approaches to counselling are applied to problems and concerns arising in the educational context. Theories outlined include Psychoanalytic, Adlerian, Existential, Person-Centred, Gestalt, Transactional Analysis, Behaviour, Rational-Emotive, and Reality. Skills and techniques associated with each major theory will be presented and related to educationally based problems and concerns. The effects and outcomes of counselling inventions will be investigated and ethical issues will be addressed.
Courses: ED13, ED11 , ED61
Prerequisites: SPB006 **Credit points:** 12

► SPN611 EDUCATIONAL COUNSELLING PROFESSIONAL PRACTICE
Professional practices of educational counsellors working in the P-12 context; intervention, prevention, affective, and developmental programs discussed; adolescent issues and career counselling outlined; consultation: models, theories and practices; self-management skills highlighted: time management, program evaluation, accountability and decision-making discussed.
Courses: ED13, ED11, ED61 **Credit points:** 12

► SPN612 PSYCHOEDUCATIONAL ASSESSMENT
Assessment techniques and strategies; assessment of intelligence, academic skills, aptitude, personality; reliability, validity, test construction and standardisation procedures; the process of administering assessment instruments; interpretation of test results and assessment data; using assessment data in programming and placement.
Courses: ED13, ED11 **Credit points:** 12

► SPN613 LEARNERS WITH SPECIAL NEEDS: PROGRAMMING FOR INCLUSIVE EDUCATION
Special educational needs of children in early childhood, school (P-12) and post-secondary settings arising from physical, cognitive, behavioural and sociocultural differences; developmental screening; diagnosing student functioning in cognitive, social-emotional, self-help and motor skill areas; programming and curriculum decision making for children with special needs; techniques of formative and summative assessment appropriate to student learning needs; strategies for inclusive education; roles and models of support and advisory personnel including inservice strategies.
Courses: ED13, ED11 **Credit points:** 12

► SPN614 TEACHING STUDENTS WITH LEARNING DIFFICULTIES/ DISABILITIES
In-depth review of research 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 literacy and learning within an inclusive education framework.
Courses: ED13, ED11 **Credit points:** 12

► SPN615 EDUCATIONAL INTERVENTION FOR CHALLENGING BEHAVIOUR IN THE CLASSROOM
Aims to provide theoretical and practical knowledge for regular and special educators working in the area of behaviour management in schools. Preventative behaviour management practices will be addressed for the school and classroom and more specialised skills and strategies that may be utilised with challenging behaviour will be examined.
Courses: ED13, ED61, ED11 **Credit points:** 12

► SPN616 BEHAVIOUR MANAGEMENT: PROGRAMS & PLANNING
Present behaviour management interventions for implementation in the supportive school environment. Skills of consultation and negotiation will be developed to enable dissemination to the broader educational community. Severe and aggressive behavioural problems will be investigated and interventions determined. Emphasis will be on the development, implementation, evaluation, and maintenance of appropriate interventions.
Courses: ED13, ED61, ED11
Prerequisites: SPN617 **Credit points:** 12

► SPN617 ISSUES IN CLASSROOM MANAGEMENT
Provides an overview of the domain and research on the various approaches to dealing with the prevention and management of behaviour difficulties in the school setting. These approaches include proposals for change in the structures of the school or education system, curricular strategies and methods of dealing with more difficult emotional or behavioural problems. The main emphasis of this unit however is an analysis of current management theories and the implications of these for school and classroom practice.
Courses: ED11, ED13, ED61
Credit points: 12 **Contact hours:** 3 per week

► SPN618 CAREER DEVELOPMENT PROGRAMS
Focus on career planning as a lifelong process, emphasising that education and guidance programs focus on skill development for repeated decision-making throughout the life-span. It will explore the complementary relationship between career education and career guidance.
Courses: ED13, ED11, ED61
Credit points: 12 **Contact hours:** 3 per week

► SPN619 CAREER THEORY
Focus on a review of the theoretical perspectives that have influenced work in the area of career development. Recent attempts at integrating this diverse body of literature will be presented. Students will be encouraged to develop their own position on the relevance of career theory to their practice and present their theoretical stance.
Courses: ED11, ED13, ED61 **Credit points:** 12

► SPN620 CAREER COUNSELLING
Aims to provide theoretical knowledge and practical skills relevant to career counselling which will enable students to effectively assist people to make appropriate career decisions.
Courses: ED13, ED61, ED11
Prerequisites: SPB006 OR SPN610
Credit points: 12

► 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 **Contact hours:** 3 per week

► 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 specialists, to implement appropriate legal risk management strategies.
Courses: ED13, ED11 **Credit points:** 12

► 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 organisational learning is expanding rapidly and this discourse needs to be examined in the light of its strategic dependence and influence. This unit will be conducted using the self-directed methodology of contract learning.
Courses: ED13, ED11, ED61
Corequisites: SPN621
Credit points: 12 **Contact hours:** 3 per week

► SPN624 FOUNDATIONS OF ADULT LEARNING & DEVELOPMENT
Provides students with an opportunity to develop an understanding of the complex nature of the adult learning and development process. This is achieved by exposing students to contemporary theories and strategies in adult learning and development and extending their knowledge to the adult and workplace environment. Key concepts such as the motivation, self-directed learning and knowledge construction are addressed. Special emphasis is placed on transferring the theory to practice.
Courses: ED13, ED11, ED61
Credit points: 12 **Contact hours:** 3 per week

► SPN625 CHANGING AGENDAS IN LEADERSHIP
Addresses differing approaches to the study of leadership and management, and the dilemmas of responding to rapidly changing contexts. Issues such as school-based management, quality management, and teachers as leaders are raised. The unit aims to enhance an understanding of leadership and provide a broad base for other work in the leadership and management area of interest.
Courses: ED13, ED11, ED61 **Credit points:** 12

► SPN626 LEADING AND MANAGING PEOPLE
A brief overview of changing views of leadership leads to seven themes of significance for leaders in the new organisation including the learning organisation, multiple leadership, site-based management, globalisation and internationalisation, leaders and the law, leadership and equity issues, career management.
Courses: ED13, ED11, ED61
Credit points: 12
Incompatible with: PRN630, PRN631, PRN632

► SPN627 POLICY DEVELOPMENT AND ANALYSIS
Concentrates on developing understandings in students regarding leaders of change processes within organisations. Themes covered include the changing nature of organisations, organisational culture, organisational values, ethics and ethical leadership, communication, relationship building, the change process, leading the change process, accountability and organisational improvement.
Courses: ED13, ED11, ED61
Credit points: 12
Incompatible with: PRN609, PRN610

► SPN628 LEADERSHIP FOR CHANGE
Commences by orienting students towards key aspects of human resource management in organisations, including an investigation of the nature of work for workers in the post-corporate world and provides a general framework for leading and managing people within this challenging and changing context.
Courses: ED13, ED11, ED61
Credit points: 12 **Incompatible with:** PRN608

► SPN629 CURRENT ISSUES IN LEADERSHIP
Themes considered include the nature of policy, the notion of policy trends or policy agendas, policy analysis, issues of development and implementation, the relationship between policy and long-term social changes.
Courses: ED13, ED11, ED61
Prerequisites: SPN625 **Credit points:** 12

► SPN630 LEARNING, TEACHING AND SUPERVISION
Provides students with an excellent opportunity to develop an advanced understanding of learning and implications for teaching in their context. Students will be introduced to recent research on the nature of learning, meta-learning,

epistemological beliefs in such a way that they critique their own practices.
Courses: ED11, ED13 **Credit points:** 12

► SPN631 LEADING CHANGE IN CONTEMPORARY PROFESSIONAL PRACTICE
Considers a range of contemporary problems and issues in cultures and climates of incessant educational change which impact on the professional practice of educators. These circumstances underline the need for curriculum leadership in professional practice. Problem areas include: managing behaviour in a supportive school environment; promoting inclusion practices; interpreting and implementing educational policy, for example the Whiltshire report; mentoring the beginning teacher; managing stress; implementing effective learning and teaching principles; translating teacher competencies into practice; creating and transforming organisational cultures. The unit provides the opportunity for students to focus on particular professional problems and issues of interest to them and, within the context of relevant literature and the realities of their particular professional situation, develop a change plan for addressing these problems and issues which is transformative and action-oriented.
Courses: ED13, ED11 **Credit points:** 12

► SPN632 FLEXIBLE DELIVERY: PEDAGOGICAL ISSUES & IMPERATIVES
Educators are being increasingly confronted with the need to design and deliver education and training in an open and flexible manner. This requires an understanding of the concepts and practices of open learning, distance learning and flexible delivery, in particular using a range of information technology and telecommunications. This use of emerging technologies in an open learning approach is being accompanied by a shift to constructivist theory and practice whereby the individual learner, rather than the institution, assumes significant control of the learning process. This unit draws upon recent curriculum theory and research, with particular reference to pedagogical issues, in order to focus on the specific educator skills associated with the introduction and application of open learning and flexible modes of delivery.
Courses: ED13, ED11, ED61 **Credit points:** 12

► SPN633 CRITICAL FRAMEWORKS FOR ANALYSING THE MIDDLE YEARS OF SCHOOLING
Contextualises and conceptualises the key issues impacting on young adolescents engaged in the middle years of schooling. Focuses on a critical analysis of the origins and development of 'middle schooling' as concept and practice. Students will develop an understanding of ways in which the 'story' of middle schooling can be told from different standpoints, and of ways in which the assumptions, principles, aims and practices of middle schooling can be celebrated, endorsed, critiqued and contested. Students should begin to refine their own standpoints in relation to education generally and to the middle-compulsory years of schooling in particular. They could then take those standpoints into their studies of subsequent units, where the standpoints could be unsettled, reworked, refined and applied.
Courses: ED11, ED13
Credit points: 12 **Contact hours:** 3 per week

► SPN634 RETHINKING PROGRAMS AND PEDAGOGIES: THE MIDDLE YEARS OF SCHOOLING
Develop programs and pedagogies in the middle years of schooling. A research orientation that focuses on recent initiatives to make curriculum organisation, programming, teaching and learning, and evaluation more responsive to the developmental needs and interests of young adolescents. The four modules relate to the reform agendas being advocated by the middle years of schooling movement, including integrative curriculum, appropriate pedagogies, responsive programming and evaluation and off-site learning.
Courses: ED11, ED13 **Credit points:** 12

► SPN635 ASSESSMENT AND REPORTING IN THE MIDDLE YEARS OF SCHOOLING
Focuses on recent initiatives to make assessment, recording and reporting student learning in a middle years context more responsive to the developmental needs and interests of young adolescents while at the same time encouraging educators to critically analyse and research what is espoused to be more flexible, responsive and collaborative assessment and reporting systems.
Courses: ED11, ED13 **Credit points:** 12

► SPP500 LEARNERS WITH SPECIAL NEEDS
Provides an overview of special educational needs of school (p-12) and TAFE College learners arising from cognitive, behavioural, sociocultural and physical disabilities and differences. The development of effective teaching/learning strategies suited to special educational needs will be a focus of this unit.
Courses: ED28, ED61
Credit points: 12 **Contact hours:** 3 per week

► SPP501 CONSULTATION & COMMUNICATION
Aims to provide theoretical knowledge and practical skills relevant to a consultation and collaboration model of services provided by teachers working in supportive roles within an educational setting. Intra and interpersonal skills will be addressed along with a review of the role and responsibilities of learning support teachers in inclusive settings.
Courses: ED28, ED61
Credit points: 12 **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 are 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 aspect 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 skills 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 RESOURCE 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

► SPP509 MANAGING THE CURRICULUM
Assists students to understand the elements of curriculum management. The problematic nature of managing curriculum is explored by considering ideological approaches.
Courses: ED23, ED61
Credit points: 12 **Contact hours:** 3 per week