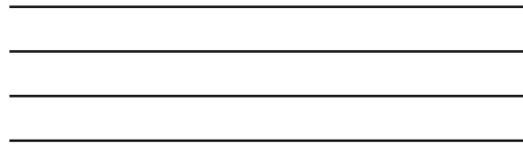


HANDBOOK

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Queensland University of Technology
www.qut.edu.au



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HANDBOOK



Queensland University of Technology

www.qut.edu.au

Gardens Point campus

2 George Street, Brisbane

Postal Address: GPO Box 2434, Brisbane Q 4001

Telephone: (07) 3864 2111

Fax: (07) 3864 1510

Kelvin Grove campus

Victoria Park Road, Kelvin Grove, Brisbane

Postal Address: Victoria Park Road, Kelvin Grove Q 4059

Telephone: (07) 3864 2111

Fax: (07) 3864 3998

Carseldine campus

Beams Road, Carseldine, Brisbane

Postal Address: Beams Road, Carseldine Q 4034

Telephone: (07) 3864 2111

Fax: (07) 3864 4999

Price \$20.00

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HISTORY

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

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

The institution resulting from the amalgamation of BCAE with QUT has retained the title Queensland University of Technology. It is a major university in the Australian context with a broad academic profile and an increasing involvement in research and postgraduate education. QUT has an enrolment of over 28 000 students and expectations of sustained growth. It currently has campuses at Carseldine, Kelvin Grove and Gardens Point, all in metropolitan Brisbane.

MISSION

Within its mission statement QUT has identified three main goals:

Teaching

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

Research

To advance and apply knowledge germane to the professions and to the communities with which QUT

interacts, and relevant to the enhancement of economic, cultural and social conditions.

Service

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

INFORMATION

In addition to the handbook, the University produces a range of publications to which the public has access. These include the Research and Consultancy Report, the Annual Report and the University's Manual of Policy and Procedures (MOPP). These publications are available in the University's libraries or may be obtained, on request, from the Registrar.

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 Chancellor, eight faculties, and three divisions.

The faculties are:

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

The divisions are:

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

PRINCIPAL DATES

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

Public Holidays 2001

1 January	New Year's Day
26 January	Australia Day
13 April	Good Friday
14 April	Easter Saturday
16 April	Easter Monday
25 April	Anzac Day
7 May	Labour Day
11 June	Queen's Birthday
15 August	Royal National Show
25 December	Christmas Day
26 December	Boxing Day

FIRST SEMESTER 2001

26 February – 2 March	■ Week 1
5 – 9 March	■ Week 2
12 – 16 March	■ Week 3
19 – 23 March	■ Week 4
26 – 31 March	■ Week 5
2 – 6 April	■ Week 6
9 – 13 April	■ Week 7
16 – 20 April	■ Vacation
23 – 27 April	■ Week 8
30 April – 4 May	■ Week 9
7 – 11 May	■ Week 10
14 – 18 May	■ Week 11
21 – 25 May	■ Week 12
28 May – 1 June	■ Week 13
4 June	■ Classes in lieu of Labour Day holiday
5 June	■ Classes in lieu of Good Friday holiday
6 June	■ Classes in lieu of Anzac Day holiday
4 – 8 June	■ Exam Preparation
11 – 15 June	■ Exams
18 – 22 June	■ Exams
25 – 29 June	■ Exams
2 – 6 July	■ Vacation
9 – 13 July	■ Vacation

SECOND SEMESTER 2001

16 – 20 July	■ Week 1
23 – 27 July	■ Week 2
30 July – 3 August	■ Week 3
6 – 10 August	■ Week 4
13 – 17 August	■ Week 5
20 – 24 August	■ Week 6
27 – 31 August	■ Week 7
3 – 7 September	■ Week 8
10 – 14 September	■ Week 9
17 – 21 September	■ Week 10
24 – 28 September	■ Vacation
1 – 5 October	■ Week 11
8 – 12 October	■ Week 12

15 – 19 October	■ Week 13
22 October	■ Classes in lieu of Royal National Show holiday
22 – 26 October	■ Exam Preparation
29 October – 2 November	■ Exams
5 – 9 November	■ Exams
12 – 16 November	■ Exams

SUMMER PROGRAM 2001/2002

19 – 23 November	■ Week 1
26 – 30 November	■ Week 2
3 – 7 December	■ Week 3
10 – 14 December	■ Week 4
17 – 21 December	■ Week 5
24 – 28 December	■ Vacation
31 December – 4 January 2002	■ Week 6
7 – 11 January	■ Week 7
14 – 18 January	■ Week 8
21 – 25 January	■ Week 9
28 January – 1 February	■ Week 10
4 – 8 February	■ Week 11
11 – 15 February	■ Week 12
18 – 22 February	■ Vacation/Orientation Week
25 February	■ First semester 2002 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*. Medical Director, Breast Clinic, Wesley Hospital.

Vice-Chancellor

Prof R. D. (Dennis) Gibson, BSc *Hull*, MSc PhD *N'cle (UK)*, DSc *CNA*, DUniv *USC*, FAIM, FTS.

Nominees of the Minister for Education

Mr P.B. (Peter) Chen, Business Adviser and Project Consultant, Peter Chen and Partners Pty Ltd.

Ms G. (Glenys) Fisher, BA *Qld*, GradDip (IR) *Qld*. Commissioner, Queensland Industrial Relations Commission.

Mr R. (Robert) Grice, HonDPhil *Qld*. Partner, KPMG Chartered Accountants and Business Advisers. Deputy Chancellor.

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

Ms J. (Julie-Anne) Schafer, LLB(Hons) *Qld*. Solicitor, Thynne and Macartney.

Dr D. (David) Wyatt, BAppSc *QUT*, GradDipEd (Tertiary) *USQ*, PhD *Qld*, MBA *Qld*. Company Director and Consultant, Novogenesis.

Vacant

Vacant

Nominee of the Director-General of Education

Ms S. (Susan) Rankin, BCom *Qld*, DipEd *Qld*, Assistant Director-General (Resource Services), Education Queensland

Nominees of Council

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

Dr D. (Douglas) McTaggart, BEc (1st Hons) *ANU*, MA *Chicago*, PhD *Chicago*. Chief Executive Officer, Queensland Investment Corporation.

Elected non-academic staff members

Mr G.P. (Paul) Abernethy, BA *Qld*, GradDipBus Admin *QIT*, MPubAdmin *Qld*. Associate Director, Campus Services (Gardens Point).

Ms E. (Elaine) Harding, BA *Qld*, Campus Manager, QUT Carseldine.

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.

Mrs G.I. (Geraldine) Mackenzie, LLB *QIT*, LLM *QUT*. Senior Lecturer, Faculty of Law.

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

Elected student members

Ms S. (Sophia) Tagliapietra

Ms F. (Fiona) Maxwell

Elected Alumni members

Ms K. (Karyn) Brinkley, BBus(Comm), MBus (CommMgt). General Manager, Marketing and Commercial Services, Agforce Queensland.

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

Secretary

Mr K.E. (Kenneth) Baumber, BSc *St Andrews Scotland*, 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 Appeals Committee*
- Academic Procedures and Rules Committee
- Admission Appeals Committee*
- Community Service Committee
- Cultural Diversity Committee
- Disability Services Committee
- Equity Board
- Equity Initiatives Funds Selection Panel
- 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

* pending review

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 CNA, FAIM, FTS

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

Acting Head, Planning & Resources Department: J.A. Nelson, BCom *Qld*, AAUQ, FCPA

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: P.E.R. Tripcony, BA DipEd *Melb.*, MED *Adel.*

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, Accounting and Business Services: P.G. Sullivan, BBus *BCAE*, FCPA

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

Associate Director, Capital Works: T. Moore, FAIQS

Manager, Publications: I.A. Wynne

Manager, Secretariat: S.E. Johnstone, BA *ANU*, DipContEd *UNE*

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

Head, Counselling Services: Dr R. Schweitzer, MA(ClinicalPsych) PhD *Rhodes*

Head, Health Services: G. Warren, BEd DipT *Deakin*

Student Ombudsman: Dr R. Wolff, D.Phil *Oxon*, BSc(Hons) *Qld*

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

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(Mgmt) *QIT*, MBA *Qld*

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

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

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

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

- graduands of honours degrees where performance in the related bachelor degree is also taken into account
- graduands of degrees with honours
- 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 & Employment (C&E) assists enrolled students and recent graduates with a variety of career management issues, such as course and career planning, employment opportunities, job listings, job search strategies and further study options. C&E aims to assist students to make informed course and career decisions and to reach their employment goals.

Services include: individual career and employment counselling; workshops and seminars; careers and employment information; job listings; mentor program; employment interviews; the Graduate Destination Survey; and a Career Resource Centre.

Refer to the Careers and Employment Web site for more information. <http://qut.com/careers>.

Locations:**Carseldine**

Student Centre

Level 3, C Block – (07) 3864 4831

Gardens Point

Level 2, U Block – (07) 3864 2649

Kelvin Grove

Level 3, C Block – (07) 3864 3656

COUNSELLING SERVICE

The service provides professional counselling services on each campus and is available to students and staff who may want to talk about:

- stress, depression and anxiety
- personal development
- relationship issues
- study effectiveness
- finance
- course and career issues
- University procedures.

Individual counselling at the Counselling Service is generally short-term in nature. The duration of counselling during any one academic year is negotiated between you and your counsellor. Each session lasts approximately 50 minutes.

We also offer a range of personal development workshops, which are advertised each semester. Contact the Service for a confidential appointment, or use our walk-in service, which is available on each campus between 11.00am 1.00pm. No appointment is necessary.

Locations:**Carseldine**

Community Building, second level

Phone: (07) 3864 4539

Gardens Point

Community Building, lower level

Phone: (07) 3864 2383

Kelvin Grove

Community Building, upper level

Phone: (07) 3864 3488

CHAPLAINCY SERVICES

The University caters for the emotional and spiritual needs of students and staff through the provision of Chaplaincy Services. The multi-faith Chaplaincy is a joint venture of QUT and the major Christian denominations. There is presently one coordinating chaplain and a number of part-time chaplains working at QUT, operating on a schedule of visits to each campus as well as responding to urgent needs.

 Chaplaincy Centres and Chapels

The Chaplaincy Centres are multi-faith, and although the chaplains represent the major Christian denominations, they are available to people of other religions or of no particular religion as well. When required, they are able to put people in touch with appropriate contacts from various Christian denominations or other world living religions.

The Chaplaincy Centres are a focus for Christians and religious people from a diversity of traditions and theological emphases. Their purpose is to encourage a community spirit and to be a lively influence within each campus. The chaplains aim to relate faith and spirituality to both personal commitment and to the corporate structures of church and society. Activities include counselling, social gatherings, discussion groups, Eucharist, prayer and meditation groups. Chaplaincy can also serve as a bridge across the divisions that may surface in any human institution.

Two chapels are available at the Gardens Point campus for quiet private prayer, worship services and prayer meetings. The centre incorporates a drop-in room with tea/coffee facilities, a good place in which to meet friends and make new ones. There is also a Muslim mosque in rooms adjacent to the main chaplaincy facility. The chaplain's movements are posted on notice boards at all three chaplaincy centres and voice mail connected to (07) 3864 2700.

A chaplain is available at the Chaplaincy Centres below:

Gardens Point

Old Government House

Through large coach doors near the entrance to the Library and U Block

Fax: (07) 3864 2086

Mobile: 041 464 2700

e-mail: bj.clarke@qut.edu.au

Kelvin Grove

Chaplaincy Centre and Chapel

Room A131 (ground floor near the Library)

Main Building

Contact: same as for Gardens Point above

Carseldine

Chaplain's Office

Student Centre

Level 3, C Block

Weekly visits and ecumenical services

Periodic Catholic Mass

Contact: same as for Gardens Point above.

EQUITY

QUT strives to support cultural and social diversity in its staff and student body, to provide an educational and work environment which promotes the principles of equity and social justice, and to ensure that our graduates possess a sense of community responsibility.

QUT's equity objectives and strategies are contained in the QUT Equity Plan 2000-2004, and equity considerations are integrated within all aspects of the University's planning and operations.

The Equity Section, within the Division of Administrative Services, supports the day-to-day implementation of QUT's Equity Plan. The Equity Section assists the University with development and implementation of policies, programs and activities with the aim of achieving equal opportunity, or a fair go for all, in education and employment.

Equity for Students

QUT is committed to expanding educational opportunities for people who are under-represented in the student population and providing an environment which is inclusive and supportive of people from all backgrounds.

The University's equity objectives include:

- student diversity – ensuring that QUT's student body reflects the cultural and social diversity of the University's catchment area, and
- student inclusivity and support – providing students with learning experiences and services

which are socially and culturally inclusive; providing support programs for students in equity target groups to improve their success and retention; and providing procedures to resolve cases of harassment and discrimination.

The student equity target groups are:

- people with disabilities
- Aboriginal people and Torres Strait Islander people
- people from non-English speaking backgrounds
- people from low-income or disadvantaged backgrounds
- women in non-traditional areas of study, and
- people from rural and isolated areas.

Special Admission and Support Programs

QUT offers a range of programs and services to help remove barriers to access and success at university, including:

- the Q-Step Program, which provides special entry, orientation and support services for people from low-income backgrounds (contact the Q-Step Program Coordinator on (07) 3864 3731)
- the Oodgeroo Unit, which coordinates a special entry program and support for Aboriginal students and Torres Strait Islander students (see information on Oodgeroo Unit in this section)
- the WIBEE Project, which provides services and support for women studying in built environment or engineering (contact the WIBEE Coordinator on (07) 3864 2849), and
- assistance and support for people with disabilities (see information on Students with Disabilities in this section).

For more information on special admission programs refer to the publication *Making Inroads* which is available from QUT's Admissions Office, phone (07) 3864 2000.

Inclusiveness and Discrimination/ Harassment

QUT is committed to providing an inclusive and safe work and study environment. Harassment of staff or students by any member of the University community is unacceptable.

The University's policies on equal opportunity, inclusive language and presentation, sexual and gender based harassment, racial discrimination and harassment and disabilities are contained in the Student Rules section of this handbook.

The policies on equal opportunity, and discrimination and harassment outline the grounds of discrimination and harassment, and provide

information on what constitutes sexual and gender based harassment and racial discrimination or harassment. QUT has specific procedures for resolving complaints of sexual and gender based harassment and racial discrimination and harassment, and trained Sexual Harassment Contact Officers and Racial Harassment Contact Officers to provide confidential advice on options. A list of contact officers is available from the Equity Section.

The policy on inclusive language and presentation refers to presenting a more accurate view of the world in how we speak, write and visually represent people, by reflecting social and cultural diversity and a range of perspectives rather than using stereotypes. To complement this policy, the publication *Working with diversity: A guide to inclusive language and presentation* is available from the Equity Section.

The policy on disability services 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.

Information and Advice

For confidential advice or information on equity matters or to obtain copies of QUT's Equity Plan or other publications, contact the Equity Section, phone (07) 3864 2699 or e-mail equityenq@qut.edu.au. Information and publications are also available on the internet from the Equity Section web site (www.qut.edu.au/admin/equity/).

The Equity Section is located in Room O430, O Block Podium, Gardens Point campus, and Room K214, K Block, Kelvin Grove campus.

Equity Coordinator: Mary Kelly (Gardens Point campus)

Equity Officer: Danelle Dobinson (Kelvin Grove campus)

HEALTH SERVICE

QUT Health Services are available to all students and staff. Services include:

- Comprehensive general practice patient-care:* Lifestyle advice, including information on exercise, stress, drugs and sexually transmitted diseases; minor surgery including removal of warts, moles and sunspots; pathology services including blood tests.

- Well-woman care:* smear tests, breast examinations and contraceptive advice.

- Campus accident and emergency care:* First aid treatment of injury and acute illnesses occurring on campus.

- Ongoing nursing care:* General advice on health maintenance; continuing care of injuries and minor operations; surveillance of medical conditions such as hypertension, asthma and diabetes; vaccinations and international travel advice; health education information and pamphlets.

Health Services are available on each campus and all consultations are strictly confidential. Medical consultations are bulk billed and international students are provided with a full refund.

Locations:

Carseldine

C Block, level 2

Room C216

Phone: (07) 3864 4673

Gardens Point

Community Building, lower level

Phone: (07) 3864 2321

Kelvin Grove

Community Building, top floor

Phone: (07) 3864 3126

INFORMATION TECHNOLOGY SERVICES

The Department of Information Technology Services (ITS) is part of the Division of Information and Academic Services. ITS provides information technology facilities, services and support for staff and students. It provides hardware and systems support for management computing and corporate information systems. It also provides voice and data communications infrastructure, services and support.

Information Technology Services supports clients by providing:

- The Help Desk to provide phone support on standard computer problems for staff and postgraduate research students. Phone (07) 3864 2898

- Online and printed information for staff and students, including a regular newsletter circulated to all full-time staff (and to part-time staff and research postgraduates on request). It is available in HTML and PDF form on the web. www.qut.edu.au/its/

- Information technology planning and strategic support for faculties and divisions
- The QUT Computer Account Registration system, which provides IT security through the registration and authentication of students and staff allowing them access to computer related resources
- Qdial (QUT's student dial-in service) provides off-campus access to the QUT network and the Internet via modem, thus enabling access to network services. Qdial provides connections at speeds up to 56K. The Student Computing Help Desk provides telephone support for the Qdial service and will help you configure your computer to enable you to connect to the QUT network. More information about Qdial can be found at www.qut.edu.au/student/qdial
- Research is supported through the availability of a Silicon Graphics High Performance Computer, a Researchers Lab, a connection to the Queensland Parallel Supercomputing Foundation Resources, computer support specialists and a wide range of software applications
- Training related to QUT specific software applications for staff and postgraduate research students
- A desktop maintenance and support service for QUT standard hardware and software.

The QUT data and voice network is a vital resource that gives members of the QUT community access to:

- Electronic mail within QUT and throughout the world
- The Internet and its global resources
- Student based information through QUT Virtual
- Specialised server computers for teaching, research and administration
- Telephones, faxes and voice mail at QUT.

For more information on any of these services please visit the Information Technology Services web pages. www.qut.edu.au/its/

INTERNATIONAL STUDENT SERVICES

International Student Services (ISS) assists international students and Australian students from non-English speaking backgrounds with accommodation; English language; learning skills and support; and academic, financial and personal matters.

Services available include pre-departure briefings, airport reception, an accommodation service, orientation programs, promotion of social and cultural activities, understanding Australian customs, liaison with academic staff, newsletters, job club, support for student associations, womens groups, training workshops and preparation for returning home.

For general and/or confidential advice, students can e-mail: issadvice@qut.edu.au.

Locations:

Carseldine

Community Building
Phone: (07) 3864 4539

Gardens Point

Community Building, lower level
Phone: (07) 3864 2019

Kelvin Grove

Community Building, upper level
(Phone: 07) 3864 3488

Emergency (after hours only)

Phone: 041 622 3004.

OODGEROO UNIT (opened in 1990)

The Oodgeroo Unit, a distinct section within the Chancellery, performs a range of teaching, research and service functions in the University. A central activity is the recruitment and subsequent academic and counselling support of Aboriginal and Torres Strait Islander students enrolled in degree programs at QUT. Students who are supported by the Unit have experienced a high success rate in university programs and have been able to secure employment in their chosen fields of interest.

Aboriginal and Torres Strait Islander students are increasingly enrolling in the whole range of Faculties across QUT, including degree programs in Information Technology, Law, Science, Business, Built Environment and Engineering, Nursing and other Health areas, Education, Arts, and Social Science. Throughout student's degree programs, unit staff support students as they develop study skills and a professional knowledge of their discipline.

The unit designs and teaches units in Indigenous Studies and Indigenous Education. In addition, staff from the Oodgeroo Unit contribute lectures and workshops to many degree programs, both at undergraduate and postgraduate level. Through these teaching activities a range of students undertaking QUT courses have opportunities to learn about cross-cultural issues in Australia.

The Oodgeroo Unit also engages in the professional development of QUT staff in respect to the development of appropriate skills and awareness for working in educational environments of cultural diversity. This function is also extended to the broader society, where the unit has input to a range of government and community services. Conferences, seminars and workshops offered by the Oodgeroo Unit are designed to raise awareness of Aboriginal and Torres Strait Islander issues in the broader community.

Research into issues of contemporary concern to Aboriginal and Torres Strait Islander people is a priority activity for the unit. In this way, the unit seeks to contribute to the achievement of the goals of the National Aboriginal and Torres Strait Islander Education Policy (NAEP), Reconciliation, Social Justice Policy and Equity Policies.

The Oodgeroo Unit's central office is located at the Kelvin Grove campus, with service offices on Carseldine and Gardens Point campuses. Phone: (07) 3864 3610.

STUDENT CENTRES

Student Centres are the first point of contact for students seeking information on administrative, course or other student matters.

Student Centre staff assist students with enquiries regarding admission, 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.

Payment of fees can be made at Financial Services located adjacent to each Student Centre.

□ *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 web site. A wide range of course information brochures and booklets are also provided.

□ *Student Info-Line*

The Student Info-Line 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.

Locations:

Carseldine: Level 3, C Block

Hours: 8.30am to 5.00pm*

Gardens Point: Level 1, A Block

Hours: 9.00am to 6.00pm

Kelvin Grove: Level 4, K Block

Hours: 8.30am to 5.00pm*

* Carseldine and Kelvin Grove Student Centres are open until 6.00pm during the first two weeks of semester.

STUDENT COPYING AND PRINTING SERVICES

Student Copying and Printing Services (SCPS) is part of the Division of Information and Academic Services. Student Copying provides a wide range of copying, printing and digital media production services for students. The Student Copying SNAP (laptop leasing) service offers students low cost access to state of the art notebook computers. Service outlets at each campus library offer a variety of value added services to assist in the preparation of assignments, reports and presentations.

The full range of services and campus opening hours can be found on the Student Copying web site at www.scps.qut.edu.au.

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

e-mail: ombudsman@qut.edu.au

Web: www.qut.edu.au/ombudsman/

Write to:

Student Ombudsman

QUT

GPO Box 2434

Brisbane QLD 4001

TEACHING AND LEARNING SUPPORT SERVICES

Teaching and Learning Support Services (TALSS) is a part of the Division of Information and Academic Services. TALSS provides students with the following services:

- Academic Learning Support
 - Academic writing and study preparation courses at the beginning of each semester. Registration is necessary for these courses.
 - Weekly learning skills seminars on each campus.
 - Individual consultations by appointment during semester.
 - Drop-in sessions with Student Learning Advisers in each Library
 - Small and large group learning skills sessions within your lectures and tutorials, tailored to your specific course needs.
- QUT's on-line teaching environment (OLT) at <https://olt.qut.edu.au>. The technological literacy improvement package LitKit is also available from this site.
- 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, e-mail, databases, lecture notes, tutorials and much more in the central Student Computing Labs on each campus Lab advisors are on hand to assist students.
- 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).

For further information on TALSS services please e-mail us at talssinfo@qut.edu.au. We encourage you to have a look at our web site for the most up-to-date information at www.tals.dis.qut.edu.au.

UNIVERSITY LIBRARY

The Library is part of the Division of Information and Academic Services and, with its colleagues, works to meet the information needs of the University.

Students and staff of QUT have access to a wide range of information resources, assistance and other support services in the University Library. The library comprises four branch libraries, one on each campus and a separate Law Library at Gardens Point campus.

Local holdings of books, periodicals and multimedia resources have been developed in the University's teaching and research disciplines. Electronic databases are available on the Library's network which is accessible in the Library, across the university in student computing laboratories and in staff offices. In addition, access to a large number of external online databases and electronic information resources is provided via the Internet. Professional staff can undertake searches on specialised databases for eligible staff and students.

□ Access

Most of the library's collections are arranged on open shelving by subject. Signs explaining the shelving system are displayed in the stack areas.

The local collection can be searched via the library's catalogue available within the branches, elsewhere in the University on the network, across the Internet and through dial-up modem connection.

Extended access to information is available via the library's web page at www.lib.qut.edu.au

□ Membership

All staff and students (full-time, part-time and external) are automatically members of the library and can use any branch library. Identification cards are required whenever and wherever a client borrows.

Under an extensive reciprocal borrower scheme, staff and students are also eligible for membership of Griffith University Library. As well external students may be able to register for reciprocal privileges with a number of tertiary institutions. Details are available from the loans desk.

□ Hours

Hours vary from branch to branch and during semester breaks. Current opening hours are available as a recorded message on (07) 3864 2983, through the Library catalogue, via the Library's web page and are advertised at each location.

□ Borrowing

Members can borrow from any branch library and can request an item on loan be held for collection on its return. Required materials not held at a member's home campus can be requested via the Library catalogue for collection at their local branch library.

QUT staff and students can also request material for collection at their local branch library from Griffith University Library via the special reciprocal loans service (SRL).

Staff and postgraduates with special research needs may request materials not held in the library via document delivery. Once registered, eligible members can place requests electronically, twenty-four hours a day from any computer with access to the library's web page. Ask at Document Delivery.

□ ***Course Reserve Collection***

Material in high demand such as lecturers' notes, textbooks and recommended readings are held in the Course Reserve Collection and may be borrowed for use in the library only. Some material is now available via an electronic reserve accessible through the library's web page. Details are available at the loans desk.

□ ***Assistance***

Staff at the information desk can answer queries and assist clients in finding and using information resources. Information about the library's services and collections is available in each library in a variety of formats: brochures, pamphlets, subject guides to information sources and information sheets on special resources. In addition, the library's web page can be accessed at www.lib.qut.edu.au.

□ ***Telephone Enquiries***

The following numbers may be called for telephone assistance:

Carseldine Library (07) 3864 4555

Gardens Point Library (07) 3864 2083

Kelvin Grove Library (07) 3864 3374

Law Library (07) 3864 2842

□ ***Academic and Postgraduate Services***

A professional librarian works closely with each school, consulting academic and research personnel on developing collections, accessing services and assisting with all information issues. Liaison Librarians also assist postgraduates with their information needs.

A Researchers' Centre, located on level 7 of Gardens Point Library, provides a range of services to support the information and research needs of academic and postgraduate research students.

□ ***Information Literacy Skills***

Instruction in effective information use is available through a variety of formal and informal programs. Students should enquire at the information desk or ask their lecturers to arrange classes. Staff and postgraduates may contact their Liaison Librarian

or the Information Literacy Librarian about Internet training, the Advanced Information Retrieval Skills (IFN001/airs) course and other subject specific classes.

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 Relations Unit 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 (www.qut.edu.au/draa/alumni/) 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;
- discover the latest news on Alumni events and other activities for graduates and students by checking out the events listing at **QUT Events**;
- find out all about **QUT Today** and the history of the University's origins at QUT of yesteryear;
- source information on **scholarships** available at QUT;
- learn about the **Outstanding Alumni Award** which recognises 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 in our **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 be made to the University.

For further information contact QUT Development (07) 3864 2147.

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

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

The opening of the pedestrian and cycling Green Bridge in mid-2001 will place the Cultural Precinct 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
e-mail: 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
e-mail: 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
e-mail: artmuseum@qut.edu.au
Web site: www.artmuseum.qut.edu.au

STUDENT GUILD

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 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.

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INTRODUCTION

As a result of an extensive review and modernisation of the University's legislative framework, the QUT Council adopted the following Rules in March 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.

It 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.
- the Library Rules and Regulations;
- 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 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.

Students should note that the name reported for graduation purposes will be the one recorded by the University at the time of the official release of results for the last semester of enrolment.

(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 students 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 submission are noted on the form and are outlined in sections 2(10)(b) and (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:

- the unit coordinator has confirmed that the student may enrol in the unit after the published date; and
- the student has demonstrated the existence of exceptional circumstances as determined by the Registrar or relevant course coordinator; and
- 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.

Request 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: unit withdrawal dates for 2000 to determine the appropriate cancellation dates. Students are also advised to refer to section 8, section 9, section 10 or 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;

- (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 the 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.

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 section 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

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 (note that international students must be able to enrol in a full-time program on their return from leave). 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: unit withdrawal dates for 2000, 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/Course Cancellation Form (Form L).

SOURCE: QUT Virtual or Student Centre.

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 exclusion. 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 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 (Appendix 1); 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) 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.

In practice, credit is approved progressively until:

- account has been taken of all assessed learning outcomes relevant to the course, or
- 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 students previous institution must agree in advance to the proposed program of study. It is the students responsibility to secure the agreement of the previous institution.

(b) Recency of previous studies

In determining whether credit may be granted, the University must be confident of the currency of the applicants 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 credit is dependent on the students 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.

(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: eligibility for graduation – limits on grades of 3. 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.

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

- (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 campus noticeboards.

(a) 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: eligibility for graduation – limits on grades of 3.

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 previous 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.

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 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 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: exclusion – designated units, 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 academic board is placed on probation.

Exclusion normally applies to the course in which the student was enrolled. An 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 academic board, may exclude a student from all QUT courses if the 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 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 2001 are:

Full-time students	\$200
Part-time students	\$90
External students	\$30

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 the 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 students 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 PAYMENT 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 or essential procedures.

will be dealt with under QUT Statute No.3 (Fees) 1999.

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 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 Academic Board. The 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 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 the Faculty is received to the contrary.

If the appeal is upheld, the student 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.

SCHEDULE 1

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.

	Fee per credit point
FACULTY OF ARTS	
AA84 Master of Communication Design	\$100
AA95 Master of Music	\$75
HS16 Master of Social Science (Human Services)	\$65
MJ32 Master of Arts (Digital Media)	\$70
PY12 Master of Counselling	\$65
PY17 Master of Counselling Psychology	\$65
AA07 Graduate Diploma in Dance Instruction	\$75
AA94 Graduate Diploma in Music	\$75
HS15 Graduate Diploma in Social Science (Human Services)	\$65
MJ31 Graduate Diploma in Digital Media	\$70
PY08 Graduate Diploma in Psychology	\$65
PY20 Post Graduate Diploma in Psychology	\$65
PY30 Graduate Diploma in Clinical Hypnosis	\$65
PY41 Graduate Diploma in Road Safety	\$80
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 and Television Production)	\$75
MJ26 Graduate Certificate in Arts (Journalism)	\$75
MJ30 Graduate Certificate in Digital Media	\$70
PY31 Graduate Certificate in Clinical and Experimental Hypnosis	\$65
PY32 Graduate Certificate in Clinical Hypnosis Practice	\$65
PY40 Graduate Certificate in Road Safety	\$80
FACULTY OF BUILT ENVIRONMENT AND ENGINEERING	
CN75 Master of Facilities Management	\$95
CN77 Master of Project Management	\$95
CN92 Master of Property Economics	\$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+
PS74 Graduate Diploma in Geomatics	\$90
AR65 Graduate Certificate in Building Fire Safety	\$75
AR80 Graduate Certificate in Architectural Practice	\$75

CE62 Graduate Certificate in Civil Engineering	\$80
CN81 Graduate Certificate in Project Management	\$95
CN90 Graduate Certificate in Property Economics	\$95
EE82 Graduate Certificate in Electricity Supply Engineering	\$150+
ME70 Graduate Certificate in Engineering (Materials Technology)	\$75
ME75 Graduate Certificate in Engineering Management	\$75
PS73 Graduate Certificate in Geomatics	\$90

FACULTY OF BUSINESS

BS81 Master of Business Administration	\$65
BS88 Master of Business (Communication Studies)	\$75
BS89 Master of Business (Professional Accounting)	\$80
BS93 Master of Business	\$75
BS94 Master of Commerce	\$75
BS98 Master of Applied Finance	\$80
GS80 MBA (International)	\$110
GS81 MBA (Professional)	\$110
GS82 MBA (New Venture Management)	\$110
GS85 Master of Business Administration (continuing)	\$110
GS85 Master of Business Administration (commenced 2000)	\$130
BS70 Graduate Diploma in Advanced Accounting	\$75
BS72 Graduate Diploma in Communication	\$75
BS96 Graduate Diploma in Applied Finance	\$80
GS70 Graduate Diploma in Business Administration	\$110
GS86 Graduate Diploma in Business Administration (commenced pre-2000)	\$110
GS91 Graduate Diploma in Business Administration (commenced 2000)	\$130
BS30 Graduate Certificate in Management	\$110
GS13 Graduate Certificate in Business Administration (commencing 2001)	\$140
GS12 Graduate Certificate in Management (commencing 2001)	\$140
GS87 Graduate Certificate in Business Administration (commencing 2000)	\$130
GS11 Graduate Diploma in Business Administration (commencing 2001)	\$140
GS10 Master of Business Administration (commencing 2001)	\$140
GS94 Executive Master of Business Administration	\$140
BS39 Graduate Certificate in Business	\$75
GS87 Graduate Certificate in Business Administration (commenced pre-2000)	\$110

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

FACULTY OF EDUCATION

ED13*	Master of Education	\$65
ED14	Master of Education (TESOL)	\$65
ED16	Master of Education	\$65
ED20*	Graduate Diploma in Education (Early Childhood)	\$65
ED21*	Graduate Diploma in Education (Computer Education)	\$65
ED23*	Graduate Diploma in Education (Educational Management)	\$65
ED25*	Graduate Diploma in Education (Teacher-Librarianship)	\$65
ED28*	Graduate Diploma in Education (Learning Support)	\$65
ED61	Graduate Certificate in Education (Generic)	\$65
ED77	Graduate Certificate in Education (TESOL)	\$65

FACULTY OF HEALTH

HL88*	Master of Health Science	\$70
NS85*	Master of Nursing	\$70
HL68*	Graduate Diploma in Health Science	\$70
NS64*	Graduate Diploma in Nursing	\$70
PU65*	Graduate Diploma in Occupational Health & Safety	\$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
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	\$70

FACULTY OF INFORMATION TECHNOLOGY

IT40	Master of Information Technology	\$75
IT45	Master of Information Technology	\$75
IT50	Master of Information Technology (Professional)	\$100
IT35	Graduate Diploma in Information Technology	\$75
IT38	Graduate Diploma in Information Technology	\$75
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

FACULTY OF LAW

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

FACULTY OF SCIENCE

LS80	Master of Applied Science (Life Science)	\$75
PH80*	Master of Applied Science (Medical Physics/Medical Ultrasound/Medical Imaging/Radiation Therapy)	\$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
PH60*	Graduate Certificate in Applied Science (Medical Imaging/Radiation Therapy)	\$75

INTERFACULTY COURSES

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

* HECS places exist for this course however tuition fee paying places are 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
<input type="checkbox"/> Students enrolled in an undergraduate unit offered by the Faculty of Science	\$75
<input type="checkbox"/> Students enrolled in a postgraduate unit offered by the Faculties of Arts, Education or Health	\$75
<input type="checkbox"/> Students enrolled in a postgraduate offered by the Faculty of Built Environment and Engineering	\$90
<input type="checkbox"/> Students enrolled in a postgraduate unit offered by the Faculties of Business or Information Technology	\$100
<input type="checkbox"/> Students enrolled in a postgraduate unit offered by the Faculty of Law	\$85
<input type="checkbox"/> Students enrolled in a postgraduate unit offered by the Faculty of Science	\$85

SCHEDULE 3

ADMINISTRATIVE CHARGES

<input type="checkbox"/> Late lodgement of application for admission	\$50	<input type="checkbox"/> Statement of Academic Record	\$10
<input type="checkbox"/> Late lodgement of enrolment form	\$50	<input type="checkbox"/> Re-issue of student ID card	\$10
<input type="checkbox"/> Late addition to enrolment program	\$50	<input type="checkbox"/> Re-issue of Award Certificate	\$50
<input type="checkbox"/> Addition to enrolment program not made on prescribed form	\$50	<input type="checkbox"/> Re-issue of receipt for fees paid/statement of fees paid	\$10
<input type="checkbox"/> Reinstatement of enrolment following administrative cancellation	\$100	<input type="checkbox"/> Late fee for up-front HECS payment	\$50
<input type="checkbox"/> Review of Pass Grades (refundable)		<input type="checkbox"/> Late fee for payment of tuition fees	\$50
Step 2: school level review	\$20	<input type="checkbox"/> Re-issue of Final Notice of Enrolment and HECS liability	\$10
Step 3: faculty level review	\$30		
<input type="checkbox"/> Copy of examination script	\$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).

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

□ ***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.

ELIGIBILITY FOR GRADUATION – LIMITS ON GRADES OF 3

FACULTY OF ARTS

Masters*:	0
Graduate Diplomas**:	0
Graduate Certificates:	0
Honours:	0
Bachelor:	3
Associate Degrees:	1
* Master of Social Science (Counselling):	1
** Graduate Diploma in Social Sciences (Counselling):	1

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.

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 & 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**FACULTY OF ARTS*****Bachelor of Arts (Dance) – Performance Strand only***

AAB184	Technique Options 1
AAX111	Repertoire & Practice Period 1
AAX112	Repertoire & Practice Period 2
AAX113	Repertoire & Practice Period 3
AAX114	Repertoire & Practice Period 4
AAX117	Ballet Technique 1
AAX118	Ballet Technique 2
AAX119	Ballet Technique 3
AAX121	Contemporary Technique 1
AAX122	Contemporary Technique 2
AAX123	Contemporary Technique 3

Bachelor of Arts (Drama)

AAB202	Acting 1
AAB203	Acting 2
AAB247	Acting 3
AAB248	Acting 4

Bachelor of Music

AAB641	Principal Studies A
AAB642	Principal Studies B

Bachelor of Arts (Visual Arts)

AAB740	Studio Art Practice 1
AAB741	Studio Art Practice 2
AAB742	Studio Art Practice 3
AAB743	Studio Art Practice 4

Bachelor of Social Science (Human Services)

SSB026	Fieldwork Practice 1
SSB036	Fieldwork Practice 2

Associate Degree in Dance

AAX111	Repertoire & Practice Period 1
AAX112	Repertoire & Practice Period 2
AAX113	Repertoire & Practice Period 3
AAX114	Repertoire & Practice Period 4
AAX117	Ballet Technique 1
AAX118	Ballet Technique 2
AAX119	Ballet Technique 3
AAX120	Ballet Technique 4
AAX121	Contemporary Technique 1
AAX122	Contemporary Technique 2
AAX123	Contemporary Technique 3
AAX124	Contemporary Technique 4

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*

* Units will be offered from 2002

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

Units	Teaching Period	Addition Date	Withdrawal Date *
Standard First Semester	26 February – 1 June 2001 ^	9 March 2001	4 May 2001
Standard Second Semester	16 July – 19 October 2001 ^	27 July 2001	14 September 2001
Multi Semester	Two or more semesters	9 March 2001 for units commencing in first semester; 27 July for units commencing in second semester	Census date of semester of enrolment for final component (31 March or 31 August 2001 as appropriate)
International College (QUTIC)	Teaching Period 1: 26 February – 1 June 2001 Teaching Period 2: 25 June – 28 September 2001 Teaching Period 3: 22 October – 1 February 2002	9 March 2001 6 July 2001 2 November 2001	4 May 2001 31 August 2001 21 December 2001
Brisbane Graduate School of Business (BGSB)	6 credit point modules Semester 1A: 5 March – 13 April 2001 Semester 1B: 7 May – 15 June 2001 Semester 2A: 16 July – 24 August 2001 Semester 2B: 10 September – 19 October 2001 Semester 3A: 5 November – 14 December 2001 Semester 3B: 7 January – 15 February 2002	5 March 2001 7 May 2001 16 July 2001 10 September 2001 5 November 2001 7 January 2002	30 March 2001 1 June 2001 10 August 2001 5 October 2001 30 November 2001 1 February 2002
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 2001/2002, 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 than two weeks and up to six weeks	First day of teaching period	In the first two weeks of the teaching period
	Teaching Period: More than six weeks	First day of teaching period	In the first six weeks of the teaching period

* Academic penalty will apply for withdrawal after these specified dates

^ Some units may commence prior to this date

ACCESS TO ASSESSMENT RESULTS

The University is committed to a policy of openness with respect to the release of assessment results. Effective from the date of commencement of the Queensland Freedom of Information Act, 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 PROVISIONS 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. Issues of validity, reliability and equity, together with ease of marketing, should be taken into account when adopting such alternatives.

Variations Examples

Mode

Questioning modality Brailled or audiotaped questions, viva voce testing, signing interpreter, etc.

Response modality Oral rather than written answers – recorded on tape, viva voce, signing, etc.

Context

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

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

Separate examination room Special equipment, personal assistance (to avoid disturbing others).

Personal assistance 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

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. Students bringing children on campus are expected to familiarise themselves with obligations outlined in the QUT Policy on Children of Students on Campus.

Note that the 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.

The policy is available at:

www.publications.qut.edu.au/lttd/qut/pubs/mopp/A/A_09_10.html

INFORMATION ACCESS AND PRIVACY

QUT recognises 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 the Department of Education, Training and Youth Affairs, 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 recognises 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/9.7 of the MOPP), 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.

Student assessment and publication of results

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.

Student Records, Transcripts and References

It is the responsibility of the Registrar to provide students with copies of their official University transcripts on request for use at the student's discretion, or to forward the transcript to another person or organisation when authorised in writing by the student to do so.

Should the Registrar of another institution to which a student is seeking admission formally request a copy of a student's academic record, its transmission will be assumed to be authorised by the student. Official University transcripts may only be provided to other individuals, employers or agencies outside the University upon the written authorisation or request of the student addressed to the Registrar.

Staff members who are asked to provide references for students should indicate that official transcripts

are available only through the Student Administration Department, but where they are asked by a student to comment on general academic performance and other attributes they are clearly free to do so.

DISABILITY SERVICES POLICY

1. Introduction

In accordance with QUT's Equal Opportunity Policy, (ref A8.4) 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.

2. 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 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. (Ref. F9.2 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.

3. 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;
- 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.

4. Provisions of Disability Services Policy

The 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 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 Policy and Guidelines on Inclusive Language and Presentation (MOPPA/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.

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. Honours are presently awarded in the degree courses in Architecture, Engineering, Information Technology, Law, Optometry, Human Movement Studies, and Education. 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.

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

The Council of the Queensland University of Technology 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 Missions 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; or political belief or activity
- 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), Queensland University of Technology 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 the University will:

- actively promote awareness and use of inclusive language and presentation by staff and students in all QUT documents and materials in all forms
- actively promote the use of inclusive texts and materials in all QUT teaching and presentations
- work towards the elimination of demeaning or discriminatory language use and visual representations at QUT
- take active steps to ensure all staff and students are aware of their responsibilities under the policy and take appropriate action to assist staff and students 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 QUT community by embracing the lifestyles, experiences and values of all groups of people.

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 benefit of teaching, research and learning to the community.

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

Responsibility

Deans, Heads of Divisions and Chancellery are responsible for ensuring that their staff and, where applicable, students act in accordance with this policy.

Information on Inclusive Language and Presentation

In support of this policy, QUT has produced a guidebook to inclusive language and presentation. The guidebook contains examples and practical suggestions on how to be inclusive in communication and procedures for resolving complaints of demeaning or discriminatory language and presentation.

The guidebook is available from the Equity Section, Division of Administrative Services.

SEXUAL AND GENDER-BASED HARASSMENT POLICY

QUT has adopted a Policy on Equal Opportunity 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.

What is 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 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
- 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, for example bullying, intimidation or exclusion related to the gender of the recipient
- expressing stereotyping, that is, assumptions based on gender about an individual's gender, group behaviour, values, culture or ability.

Information on harassment

QUT has procedures designed for dealing with complaints of sexual or gender-based harassment.

There is also a network of trained Sexual Harassment Contact Officers who can advise and assist people interested in making a complaint.

Information on the policy and procedures and/or the Sexual Harassment Contact Officers are available from the Equity Section.

Equity Coordinator
Room 0430, O Block Podium
Gardens Point Campus
Phone: 07 3864 2115

Equity Officer
Room 214, K Block
Kelvin Grove Campus
Phone: 07 3864 3652

POLICY ON RACIAL DISCRIMINATION AND HARASSMENT

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 has adopted a Policy on Equal Opportunity (MOPP, 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 is committed to protecting the rights of both students and staff to achieve their full potential in an environment which values cultural diversity and is free from racial discrimination or harassment. As such it aims to provide an environment in which positive actions are taken to:

- affirm and value cultural identity
- give due recognition to the history and experiences of the indigenous peoples of Australia particularly through the provision of information on Aboriginal and Torres Strait Islander culture and society in the curricula of courses within discipline areas where such information is relevant
- give due recognition to its culturally diverse community through the provision of information on diverse cultures and societies in the curricula of courses within discipline areas where such information is relevant
- develop cross-cultural awareness and the active participation of staff and students in establishing a climate, within all University activities, conducive to the elimination of racial discrimination and harassment
- eliminate racial discrimination and harassment

- inform students and staff of their right to make complaints on the basis of racial discrimination and harassment, and to ensure complaints are dealt with promptly, seriously, fairly, and effectively
- alert staff, students, and organisational units to their responsibilities in regard to racial discrimination and harassment, and encourage them to take an active role in opposing racial discrimination and harassment
- ensure supervisors are aware of their accountability for maintaining proper standards of conduct within their areas of responsibility
- ensure all policies and practices of the University and its organisational units take account of the aim to eliminate racial discrimination and harassment.

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

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

What is racial discrimination and harassment?

Any distinction, exclusion, restriction or preference within QUT's study and work environment 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 (MOPP, A/8.4). 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.

Information on racial discrimination and harassment

In support of this policy, QUT has put in place procedures for dealing with complaints of racial discrimination and harassment.

Information on racial discrimination and harassment and the complaints procedures is available from the Equity Section.

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. Supplementary assessment is only provided to the following:

- (i) students enrolled in undergraduate bachelor degrees or graduate diplomas leading to the granting of an initial professional qualification; or
- (ii) students enrolled in a QUT International College (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 final semester students to complete requirements for their qualification. Students enrolled in a bachelor degree or graduate diploma may be granted a maximum of two supplementary assessments in any one course. QUTIC diploma students may be granted a maximum of one supplementary assessment in any one course.

Faculty academic boards are responsible for determining eligibility for supplementary assessment at the time exam 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 in the following circumstances:

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

Supplementary assessment will not be granted in the following circumstances:

- to students enrolled in designated units listed in Appendix 3 to the Student Rules
- 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.

The only grades that will be recorded following supplementary assessment are S3 (Pass Supplementary) and S2 (Fail Supplementary).

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OVERVIEW

QUT's Faculty of Arts is focussed on multi-disciplinary learning and offers a broad range of subjects with international and commercial connections. The faculty promotes creative and critical thinking in its many communities and is distinctive regionally and nationally for its strong vocational focus and diversity. Our multimedia labs are among the most advanced in Australia. Other facilities include studios for film and television production, digital media, conservatorium-style performing arts theatres, visual arts studios, multimedia language teaching spaces and state-of-the-art computer labs.

The faculty offers programs across QUT's three campuses.

The Academy of the Arts at Kelvin Grove campus equips visual and performing artists with the skills to shape contemporary arts practice. Academy graduates are articulate arts advocates and autonomous practitioners who work across the spectrum of the arts industry. Enrolling about 1000 students in communication design, dance, drama, music and visual arts, the academy offers courses from associate degrees to doctorates, and its facilities encompass lecture theatres, studios and performance venues spanning Brisbane campuses. Course links are developing with the Faculty of Information Technology in the communication design area. In conjunction with the Faculty of Education, the academy also offers a double degree program in dance, drama, music and visual arts, preparing teachers for Queensland schools. The academy is continually building links with the national and international performing and visual arts industry, ensuring its graduates receive the best possible employment opportunities.

Humanities and Social Science at Carseldine campus offers three-year degrees in either Arts (BA) or in Social Science (BSocSc) and double degree programs can be taken with Business, Education, Law or Science. A fourth-year honours program is also available. Major study areas for both these degrees include:

- Applied Ethics
- Asia Pacific Studies
- Gender Studies
- Geography and Environmental Studies
- Languages (French, German, Indonesian, Japanese and Mandarin)
- Literary and Cultural Studies

- International & Global Studies*
- History
- Political Studies
- Sociology.

* Subject to final approval.

In addition, minor study areas are available in Australian Studies, European Studies and Indigenous Studies. Students may combine any of the areas above with significant studies from other schools and faculties.

Postgraduate studies are available in most of the areas listed above.

Media and Journalism at Gardens Point campus has a national reputation for educating outstanding graduates who are immediately employable in media-related professions. The school provides a dynamic combination of cutting-edge technology, innovative course design and strong industry ties, within a creative environment. Links to the Academy of the Arts will culminate in students learning how to deliver creative inputs for the content components of the new knowledge economy.

The school teaches in four main areas: Creative Writing Production, Film and Television Production, Journalism and Media Studies. Courses range from Bachelor degrees through to doctorates. Journalism and Media Studies are also offered as majors in double degree programs with the Faculties of Business and Law. The school also teaches in programs offered by other academic areas such as the Faculty of Education and the School of Humanities and Social Science. The school also offers a range of postgraduate programs in the area of Digital Media. A degree in Mass Communication taught jointly with the Faculty of Business is under current consideration.

Human Services at Carseldine campus offers undergraduate and postgraduate courses with a strong focus on contemporary issues. The programs cover aged care, disability services, corrections, child and family studies and services to young people. Policy development and an appreciation of social change processes are integral features of the courses. School staff are committed to building strong links with industry and professions in the field of human service delivery. Research and community service activities are regarded as key strategies to build on-going links with industry and the wider community.

Psychology and Counselling at Carseldine campus 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.

RESEARCH CENTRES

CENTRE FOR ACCIDENT RESEARCH AND ROAD SAFETY

Director: Prof Mary Sheehan, BA(Hons), GradDip(Clinical Psych) Syd. PhD Qld

Phone: + 61 7 3864 4549

Fax: + 61 7 3864

e-mail: m.sheehan@qut.edu.au

Deputy Director: Jeremy Davey, BEdDipTeach, MEd JCU

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Operating since 1996, the Centre for Accident Research and Road Safety-Queensland is an initiative of the Motor Accident Insurance Commission (MAIC). Funded by MAIC and QUT, CARRS-Q provides a centre of excellence for accident research and injury prevention, by combining the efforts of University researchers and road safety professionals. CARRS-Q is concerned with the contribution of human factors to transport, workplace and other accidents and injuries. The Centre is involved in the development of relevant road safety, work safety and other interventions.

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.

CENTRE FOR COMMUNITY AND CROSS-CULTURAL STUDIES

Director: Dr Laurie Buys BA West Virg, MS SIU, GradCertGerontology PhD UNC

Phone: + 61 7 3864 4761

Fax: + 61 7 3864 4995

e-mail: l.buys@qut.edu.au

Research, consultancy and community service is undertaken by staff and postgraduate students with a focus on the social, cultural, creative, political, psychological, emotional and moral dimensions of community life in plural societies. Cross-disciplinary, with members from the fields of Humanities and Social Science, Human Services, Psychology and Counselling it provides a base for the following types of programs:

- Gerontology Program** headed by Dr Laurie Buys Disability and ageing, housing, employment, retirement, aged care resource centre.
- Community Studies and Counselling Program** headed by Dr Kathryn Gow

Counselling/Psychology: counselling supervision (individual & group), psychoanalytical psychotherapy, solutions focus therapy (individuals and family), family therapy (including the use of videos), alcohol and other drug abuse, organisational therapy, psychotraumatology, neuropsychology, experimental psychology, cognitive psychology, counselling psychology, counselling, personal characteristics and outcomes, grief processes, psychology of gender,

health psychology, environmental psychology, applied social psychology, urban social studies.

Human Services: welfare and counselling services delivered in community/residential/ Federal/State/ Church/commercial settings for: the disabled, youth (homeless/disadvantaged), children and families (victims of abuse/domestic violence,) the aged, adult and juvenile offenders (corrective services: prison, on home detention, in community corrections facilities or within probation or parole systems).

Unemployment: unemployment and social policy, psychological and community aspects of unemployment.

□ **Colonialism and Culture in Asia Program** headed by Professor Carl A. Trocki

Asian opium trade, Ethnic issues in Malaysia and Singapore, Ethnic politics in Asia Politics and violence in South-East Asia, Central Asian politics, including Iran and the former Soviet states, The Asian diaspora in Australia.

□ **Public History and Heritage Program** headed by Dr Wayne Hinsley

Public, Private and Voluntary Sector Corporate History, Public Policy History, Architectural and Built Environment and Cultural History, Historical Archaeology, Environmental Cultural Parks and the Cultural Landscape, Family and Community History, Historiography Biography.

□ **Contemporary Australian Cultures** headed by Dr Sharyn Pearce

Post Colonialism, Comparative Literatures, Australian Political and Cultural Studies, Comparative Indigenous Studies, Comparative Multicultural Studies.

CENTRE FOR INNOVATION IN THE ARTS

Director: Prof Peter Lavery, BADipEd *Qld*, Dip D *Brist*, Mlitt *NE*

Research Students Coordinator: Dr Brad Haseman, DipT *Mt Gravatt*, BA *Qld*, MA PhD *Sussex*, AdvDipS&D *Lond.*, LSDA, FTCL

Phone: +7 3864 3217

e-mail: b.haseman@qut.edu.au

Grants and Projects: Mr Michael Whelan, ADPA *Brisbane*, BA (Drama) MCreativeArts *James Cook*

Phone: +7 3864 3582

e-mail: m.whelan@qut.edu.au

The centre, located within the Academy of the Arts at the Kelvin Grove campus, has three purposes:

- to facilitate the creation and presentation of new artistic works

- to encourage multimedia innovation in contemporary works

- to enhance the commercialisation of new artistic works.

The centre initiates projects and collaborates with other arts companies, festivals, research institutes and individual artists in joint ventures. An Artist-in-Residence scheme brings national and international visual and performing artists into the QUT and Brisbane communities.

Artistic and scholarly research is undertaken into the performing and visual arts in the fields of Dance, Drama, Music, Visual Arts and Communication Design. Both theoretical and applied research is undertaken by composers, choreographers, directors, writers, visual artists and, scholars with a focus on the creative process and innovation in arts practice.

Staff attached to the centre provide consultancy expertise over a wide range of multi-disciplinary applications. Postgraduate students associated with the centre focus on the creation and/or analysis of new artistic works and processes, often in collaboration with outside artists funded by the Australia Council and other grants. Multi-media and on-line experimentation is undertaken using the Academy's Arts and Technology Laboratory. New media applications, cross-cultural arts and festival culture are particularly active areas of staff and student endeavour.

The five research programs within the centre are:

1. Artistic Practice
2. Arts and Technology
3. Arts in Cultural Development
4. Arts Theory
5. Arts Education.

CENTRE FOR MEDIA POLICY AND PRACTICE

Director: Terry Flew, MEd *Sydney*

Phone: +7 3864 2276

e-mail: t.flew@qut.edu.au

Deputy Directors:

Christina Spurgeon, BA *NSWIT*, PhD *UTS*

Phone: +7 3864 1182

e-mail: c.spurgeon@qut.edu.au

Helen Yeates, BA *BEdSt Qld*, GradDipMedia

AFTRS, MBus(Comm)

Phone: +7 3864 1231

e-mail: h.yeates@qut.edu.au

The Centre for Media Policy and Practice, is based in the School of Media and Journalism, located on the Gardens Point campus. It is an institutional participant in the Australian Key Centre for Cultural

and Media Policy, a nationally funded centre of excellence in research and teaching. Research strengths lie in film and television production, media policy, media representations, the organisation and culture of journalism, film and television, new media technologies, and creative writing theory and practice. Significant projects have been funded by large Australian Research Council grants researches. Centre staff and supervised postgraduates undertake continuing education, public seminars and other professional services including consulting work. Through such activities, the centre seeks to develop strong links between students, the academic community, media professionals, government, community and public interest groups.

Centre members provide expert commentary for publication in state and national newspapers and for Australian and international broadcast media. In addition, the centre has undertaken commissioned research on the implications of new media technologies for higher education, and participated in public inquiries into media policy such as the Productivity Commission's Review of Broadcasting Regulation. An active collaboration has also been forged between the centre and Briz31 community television through students researching, producing and presenting a regular news program; and with radio 4EB through a broadcast training program for ethnic unemployed and QUT students.

Activities of the Centre for Media Policy and Practice focus on media policy, journalism management and ethical issues, including:

- media and cultural policy environment – history, issues, regulatory – structures and processes, public interest analysis
- media and journalism education
- media and citizenship
- Asian media and journalism
- the Internet and new media technologies
- history of journalism
- media studies
- textual analysis of film, television, advertising and other media
- film and television project development.

CREATIVE INDUSTRIES RESEARCH AND APPLICATIONS CENTRE (PROPOSED)

It is proposed that CIRAC will pursue both pure and applied research, and will replace two existing school-based research centres; the Centre for Innovation in the Arts in the Academy of the Arts; and the Centre for Media Policy and Practice in the School of Media and Journalism. It will also take over some activities of the Centre for Community

and Cross-Cultural Studies in the School of Humanities and Social Sciences. It is envisaged that all research-active staff in the Creative Industries area within QUT will be located in CIRAC.

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*

Academy of the Arts

Head: Professor P.D. Lavery, BA DipEd *Qld*, DipD *Brist.*, MLitt *NE*

Communication Design

Head: Associate Professor J.I.Jones, BA *MSU*, MPS *NYU*

Dance

Head: Associate Professor C.F. Stock, BA(Hons) *Flinders*, PhD

Drama

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

Head of Acting and Technical Production: Vacant

Music

Head: Associate Professor A. Arthurs, BMus(Hons) *Surrey*

Visual Arts

Head: D. Fitzpatrick, BA(VisArts) PCDP *CAI*, BLitt(Hons) *Deakin*, MFA *NSW*

School of Human Services

Head: R.L. Matchett, BSocWk(Hons) *Qld*, MAASW

School of Humanities and Social Science

Acting 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*.

School of Media and Journalism

Head: Professor S. Cunningham, BA(Hons) *Qld*, MA *McG.*, PhD *Griff*, FAHA

Associate Professor: P. M. Neilsen, BA(Hons) MA, PhD *Qld*, ASA

School of Psychology and Counselling

Head: Professor M. Sheehan, BA(Hons) GradDip (Clinical Psych) *Syd.*, PhD *Qld*

■ Master of Arts (Research) (AT22)

Offered in the:

Academy of The Arts: Dance, Theatre and Teaching Studies, Music Visual Arts.

School of Human Services: Services for the Aged/ Youth/Child & Family, Corrective Services, Disability Services.

School of Humanities & Social Science: Applied Ethics, Applied Linguistics, Asia Pacific Studies, Crosscultural Studies, Gender Studies, Geography, History, Literature, Political Studies, Sociology.

School of Media & Journalism: Creative Writing Production, Film & Television Production, Journalism, Media Studies.

School of Psychology & Counselling: Clinical & Neuropsychology, Cognition, Counselling, Drug & Alcohol Studies, Developmental Psychology, Human-Environment Interactions, Social & Organisational Behaviour, Road Safety & Road Use.

Location:

Academy of the Arts: Kelvin Grove

School of Human Services: Carseldine

School of Humanities and Social Science: Carseldine

School of Media and Journalism: Gardens Point

School of Psychology and Counselling: Carseldine

Course Duration:

Entry with 3 year qualification (bachelors or equivalent): 1.5 years full-time, 3 years part-time

Entry with 4 year qualification (bachelors plus honours, or bachelors plus graduate diploma, or equivalent): 1 year full-time, 2 years part-time

Total Credit Points:

Entry with 3 year qualification: 144

Entry with 4 year qualification: 96

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Professor Carl Trocki

Discipline Coordinators:

- Academy of The Arts: Dr Brad Haseman
 - Dance:* Associate Professor Cheryl Stock
 - Theatre and Teaching Studies:* Dr Brad Haseman
 - Acting/Technical Production & Management:* Vacant
 - Music:* Dr Adrian Thomas
 - Visual Arts:* Dr Andrew McNamara
- Humanities and Social Science: Dr Peter Isaacs
- Media and Journalism: A /Prof Philip Neilsen
- Human Services: Dr John Tomlinson
- Psychology and Counselling: Dr Sandy Smith

Course Structure

□ **Entry with approved three-year qualification (Bachelors degree or equivalent)**

Students normally will undertake 48 credit points of coursework and a 96 credit point research project.

□ **Entry with approved four-year qualification (Bachelors degree plus Honours/ Graduate Diploma, or equivalent)**

Students normally will not undertake coursework units unless otherwise recommended by the discipline coordinator. They will be required to undertake a 96 credit point research project or thesis.

With approval from the relevant postgraduate studies coordinator, instead of undertaking 96 credit points of research, students may enrol in 12 or 24 credit points of coursework and reduce the weighting of their research project to 84 or 72 credit points. Those undertaking 84 credit points of research will be given exemption for ATN007/1. Those undertaking 72 credit points of research will be given exemption for ATN007/1 and ATN007/2.

□ **Research Component**

Depending on the discipline, the research component may be undertaken

- **either** as a research thesis (approximately 30,000 – 50,000 words,)
- **or** as a creative or production-based project with a written component (approximately 10,000 – 20,000 words).

It is possible to 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 multi-media script or production.

Any project likely to involve University resources must have the support of the appropriate Head of School/Academy.

□ Academy of The Arts

ENTRY WITH THREE-YEAR QUALIFICATION

Full-time Course Structure

Semester 1

- AAB004 Contemporary Aesthetic Debates
- AAN020 Research Methods in the Visual & Performing Arts
- ATN007/1 Research Project 1
- ATN007/2 Research Project 2

Semester 2

ATN007/3 Research Project 3
 ATN007/4 Research Project 4
 ATN007/5 Research Project 5
 Elective¹

Semester 3

ATN200 Graduate Seminar
 ATN007/6 Research Project 6
 ATN007/7 Research Project 7
 ATN007/8 Research Project 8

Part-time Course Structure**Semester 1**

AAB004 Contemporary Aesthetic Debates
 AAN020 Research Methods in the Visual &
 Performing Arts

Semester 2

ATN007/1 Research Project 1
 Elective¹

Semester 3

ATN007/2 Research Project 2
 ATN007/3 Research Project 3

Semester 4

ATN007/4 Research Project 4
 ATN007/5 Research Project 5

Semester 5

ATN007/6 Research Project 6
 ATN007/7 Research Project 7

Semester 6

ATN200 Graduate Seminar
 ATN007/8 Research Project 8

ENTRY WITH FOUR-YEAR QUALIFICATION**Full-time Course Structure****Semester 1**

ATN007/1 Research Project 1
 ATN007/2 Research Project 2
 ATN007/3 Research Project 3
 ATN007/4 Research Project 4

Semester 2

ATN007/5 Research Project 5
 ATN007/6 Research Project 6
 ATN007/7 Research Project 7
 ATN007/8 Research Project 8

Part-time Course Structure**Semester 1**

ATN007/1 Research Project 1
 ATN007/2 Research Project 2

Semester 2

ATN007/3 Research Project 3
 ATN007/4 Research Project 4

Semester 3

ATN007/5 Research Project 5
 ATN007/6 Research Project 6

Semester 4

ATN007/7 Research Project 7
 ATN007/8 Research Project 8

 School of Human Services **School of Psychology and
Counselling****ENTRY WITH THREE-YEAR
QUALIFICATION****Full-time Course Structure****Semester 1**

ATN007/1 Research Project 1
 PYB454 Logic of Social Inquiry
 Elective²
 Elective²

Semester 2

ATN007/2 Research Project 2
 ATN007/3 Research Project 3
 ATN007/4 Research Project 4
 ATN200 Graduate Seminar

Semester 3

ATN007/5 Research Project 5
 ATN007/6 Research Project 6
 ATN007/7 Research Project 7
 ATN007/8 Research Project 8

Part-time Course Structure**Semester 1**

PYB454 Logic of Social Inquiry
 Elective²

Semester 2

ATN200 Graduate Seminar
 Elective²

Semester 3

ATN007/1 Research Project 1
 ATN007/2 Research Project 2

Semester 4

ATN007/3 Research Project 3
 ATN007/4 Research Project 4

Semester 5

ATN007/5 Research Project 5
 ATN007/6 Research Project 6

Semester 6

ATN007/7 Research Project 7
 ATN007/8 Research Project 8

¹ An elective of 12 credit points is chosen by the student, in consultation with their principal supervisor, from university wide offerings.

² 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 School Postgraduate Studies Coordinator.

ENTRY WITH FOUR-YEAR QUALIFICATION

Full-time Course Structure

Semester 1

ATN007/1 Research Project 1
ATN007/2 Research Project 2
ATN007/3 Research Project 3
ATN007/4 Research Project 4

Semester 2

ATN007/5 Research Project 5
ATN007/6 Research Project 6
ATN007/7 Research Project 7
ATN007/8 Research Project 8

Part-time Course Structure

Semester 1

ATN007/1 Research Project 1
ATN007/2 Research Project 2

Semester 2

ATN007/3 Research Project 3
ATN007/4 Research Project 4

Semester 3

ATN007/5 Research Project 5
ATN007/6 Research Project 6

Semester 4

ATN007/7 Research Project 7
ATN007/8 Research Project 8

School of Humanities and Social Science

ENTRY WITH THREE-YEAR QUALIFICATION

Full-time Course Structure

Semester 1

PYB454 Logic of Social Inquiry
ATN007/1 Research Project 1
Elective²
Elective²

Semester 2

ATN200 Graduate Seminar
ATN007/2 Research Project 2
ATN007/3 Research Project 3
ATN007/4 Research Project 4

Semester 3

ATN007/5 Research Project 5
ATN007/6 Research Project 6
ATN007/7 Research Project 7
ATN007/8 Research Project 8

Part-time Course Structure

Semester 1

PYB454 Logic of Social Inquiry
Elective²

Semester 2

ATN200 Graduate Seminar
Elective²

Semester 3

ATN007/1 Research Project 1
ATN007/2 Research Project 2

Semester 4

ATN007/3 Research Project 3
ATN007/4 Research Project 4

Semester 5

ATN007/5 Research Project 5
ATN007/6 Research Project 6

Semester 6

ATN007/7 Research Project 7
ATN007/8 Research Project 8

ENTRY WITH FOUR-YEAR QUALIFICATION

Full-time Course Structure

Semester 1

ATN007/1 Research Project 1
ATN007/2 Research Project 2
ATN007/3 Research Project 3
ATN007/4 Research Project 4

Semester 2

ATN007/5 Research Project 5
ATN007/6 Research Project 6
ATN007/7 Research Project 7
ATN007/8 Research Project 8

Part-time Course Structure

Semester 1

ATN007/1 Research Project 1
ATN007/2 Research Project 2

Semester 2

ATN007/3 Research Project 3
ATN007/4 Research Project 4

Semester 3

ATN007/5 Research Project 5
ATN007/6 Research Project 6

Semester 4

ATN007/7 Research Project 7
ATN007/8 Research Project 8

School of Media and Journalism

Although you do not enrol in *ATN200 Graduate Seminar*, as required in the other three schools, all candidates within the School of Media and Journalism MUST attend:

- either the research seminar series conducted by the Centre for Media Policy and Practice,

² 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 School Postgraduate Studies Coordinator.

- or attend sessions relevant to their topic offered by other schools or faculties.

ENTRY WITH THREE-YEAR QUALIFICATION

Full-time Course Structure

Semester 1

MJP391 Media Research Methods

Plus select THREE units from:

MJP103 Creative Writing Theory
MJP104 Film & TV Production Theory
MJP105 Theories of Journalism
MJP110 Media Theory & Policy

Semester 2

ATN007/1 Research Project 1
ATN007/2 Research Project 2
ATN007/3 Research Project 3
ATN007/4 Research Project 4

Semester 3

ATN007/5 Research Project 5
ATN007/6 Research Project 6
ATN007/7 Research Project 7
ATN007/8 Research Project 8

Part-time Course Structure

Semester 1

MJP391 Media Research Methods

Semester 2

ATN007/1 Research Project 1
ATN007/2 Research Project 2

Semester 3

Select TWO units from:

MJP103 Creative Writing Theory
MJP104 Film & TV Production Theory
MJP105 Theories of Journalism
MJP110 Media Theory & Policy

Semester 4

ATN007/3 Research Project 3
ATN007/4 Research Project 4

Semester 5

ATN007/5 Research Project 5
ATN007/6 Research Project 6

Semester 6

ATN007/7 Research Project 7
ATN007/8 Research Project 8

ENTRY WITH FOUR-YEAR QUALIFICATION

Full-time Course Structure

Semester 1

ATN007/1 Research Project 1
ATN007/2 Research Project 2
ATN007/3 Research Project 3
ATN007/4 Research Project 4

Semester 2

ATN007/5 Research Project 5
ATN007/6 Research Project 6
ATN007/7 Research Project 7
ATN007/8 Research Project 8

Part-time Course Structure

Semester 1

ATN007/1 Research Project 1
ATN007/2 Research Project 2

Semester 2

ATN007/3 Research Project 3
ATN007/4 Research Project 4

Semester 3

ATN007/5 Research Project 5
ATN007/6 Research Project 6

Semester 4

ATN007/7 Research Project 7
ATN007/8 Research Project 8

■ Master of Arts (Digital Media) (MJ32)

Location: Gardens Point campus

Course Duration: 3 semesters full-time or 6 semesters part-time

Total Credit Points: 144

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Associate Professor Philip Neilsen

Course Requirements

Applicants must have:

- a bachelor's degree from a university in a non-cognate discipline area, or,
- a three year diploma in an area relevant to digital media, or,
- professional standing and successful professional practice relevant to digital media, to the satisfaction of the course coordinator and the Dean of Faculty.

Full-time Course Structure

Year 1, Semester 1

AAB819 Electronic Publishing
MJB295 Virtual Cultures
AAB818 Introduction to Multimedia Technology
MJB349 Media Audiences

Year 1, Semester 2

MJB336 New Media Technologies
MJB348 Applied Media Studies
MJP392 Digital Media Project 1

Year 2, Semester 1

AAB816 Interactive Writing
MJP110 Media Theory & Policy
MJP393 Digital Media Project 2

Part-time Course Structure

Year 1, Semester 1

AAB818 Introduction to Multimedia Technology
MJB295 Virtual Cultures

Year 1, Semester 2

MJB336 New Media Technologies
MJB348 Applied Media Studies

Year 2, Semester 1

AAB819 Electronic Publishing
MJB349 Media Audiences

Year 2, Semester 2

MJP392 Digital Media Project 1

Year 3, Semester 1

AAB816 Interactive Writing
MJP110 Media Theory & Policy

Year 3, Semester 2

MJP393 Digital Media Project 2

■ Master of Fine Arts (AA24)

Location: Kelvin Grove campus

Course Duration: 1.5 years full-time; 3 years part-time (Acting Studio: 2 years full-time only)

Total Credit Points: 144

Discipline Coordinators:

□ *Independent Study:*

- Dance: Associate Professor Cheryl Stock
- Drama: Dr Jacqueline Martin
- Music: Associate Professor Andy Arthurs
- Visual Arts: Mr Donal Fitzpatrick

□ *Acting Studio:* Ms Dianne Eden

□ *Painting Studio:* Mr Dan Mafe

Course Structure

□ *Independent Study*

Full-time Course Structure (suggested)

Semester 1

AAN011 Advanced Professional Practice 1
AAN012 Advanced Professional Practice 2
Electives

Semester 2

AAN013 Advanced Professional Practice 3
Electives

Semester 3

AAN010 MFA Project

Part-time Course Structure

Part-time students should contact the course coordinator to discuss their enrolment program.

□ *Painting Studio*

Students undertake 144 credit points of approved units. Refer to your discipline coordinator for advice.

□ *Acting Studio*

Year 1, Semester 1

AAB011 Music Theatre Skills
AAB233 Voice & Movement 3
AAB247 Acting 3

Year 1, Semester 2

AAB012 Music Theatre Project
AAB234 Voice & Movement 4
AAB248 Acting 4

Year 2, Semester 1

AAB235 Voice & Movement 5
AAB255 Theatre Production 1

Year 2, Semester 2

AAB256 Theatre Production 2

■ Master of Communication Design (AA84)

Location: Kelvin Grove campus

Course Duration: 1 year full-time (3 semesters)/2 years part-time (6 semesters)

Total Credit Points: 144

Course Coordinator: Associate Professor Jeff Jones

Full-time Course Structure

Semester 1

AAN818 Introduction to Digital Media Technologies
AAN808 Introduction to Communication Design
AAN816 Information Design
Elective 1

Semester 2

AAN824 Project Administration
Elective 2
AAN851/1 Design Project
AAN851/2 Design Project

Semester 3

Elective 3
Elective 4
AAN851/3 Design Project
AAN851/4 Design Project

Suggested elective choices (note that placement of electives is across the three semesters):

Technology and Design Strand Electives

Elective 1 – AAN819 Electronic Publishing
Elective 2 – AAN809 Interactive Design
Elective 3 – AAN810 Information Architecture
Elective 4 – AAB815 Experimental Multimedia

Digital Media Strand Electives

Elective 1 – AAB803 Digital Video
Elective 2 – AAB804 3D Animation
Elective 3 – AAB822 Interactive Digital Video
Elective 4 – AAB820 Advanced 3D Animation

Project Management Strand Electives

Elective 1 – AAN819 Electronic Publishing
Elective 2 – AAN810 Information Architecture
Elective 3 – AAN817 Project Management
Elective 4 – Elective from the Brisbane Graduate School of Business.

■ Master of Music (AA95)

Location: Kelvin Grove campus

Course Duration: 3 semesters full-time, 6 semesters part-time

Total Credit Points: 144

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr Adrian Thomas

Full-time course structure

Students normally undertake four units per semester. Contact the course coordinator before making unit selection.

Part-time course Structure

Students should select two units each semester.

Pathways: Music Composition for the Creative Industries

AAB619	Introduction to Music Technology
AAN610	Materials of Music
AAB638	Sound & Image
AAN608	Composing for Moving Pictures
AAB621	Sound Recording and Acoustic Design
AAB620	Popular Song Composition
AAB056	Professional Studies
AAN609	Independent Project
AAN601	Music Project 1
AAN602	Music Project 2

Pathway: Music and Media Technologies

AAB619	Introduction to Music Technology
AAB621	Sound Recording and Acoustic Design
AAB635	Contemporary Musicianship (Sound Media)
AAN613	Music and Sound for Digital Media
AAN606	Advanced Digital Recording
AAB818	Introduction to Multimedia Technology
AAB056	Professional Studies
AAN609	Independent Project
AAN601	Music Project 1
AAN602	Music Project 2

Pathway: Instrumental Music Instruction

AAN611	Multi-Instrumental Studies 1
AAN615	Advanced Conducting
AAP433	Music Curriculum Studies 2A
AAB619	Introduction to Music Technology
AAN612	Multi-Instrumental Studies 2
AAN614	Teaching Music with Technology
AAP434	Music Curriculum 1A
AAB639	Music Directing
AAN601	Music Project 1
AAN602	Music Project 2

Pathway: Project

5 x 24cp Music Project units (AAN601 AAN605).

■ Master of Counselling (PY12)

Location: Carseldine campus

Course Duration: 3 years part-time

Total Credit Points: 144

Standard Credit Points/Part-time Semester: 24

Course Coordinator: Mr Glen Guy

Entry Requirements

To be eligible for admission, an applicant must have:

- an approved degree in a human service or related area
- at least two years work experience
- access to ongoing counselling related work with clients
- personal suitability.

Course Structure

Year 1, Semester 1

PYN000	Counselling Studies 1
PYN001	Professional Studies 1

Year 1, Semester 2

PYN002	Counselling Studies 2
PYN003	Group Studies

Year 2, Semester 1

PYN004	Counselling Studies 3
PYN006	Professional Studies 2

Year 2, Semester 2

PYN005	Research Methods & 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)

Location: Carseldine campus

Course Duration: 4 years part-time

Total Credit Points: 192

Standard Credit Points/Part-time Semester: 24

Contact Person: Dr Roger Lowe

Entry requirements

Applicants must have completed a recognised APS accredited fourth year of training.

Part-time Course Structure

Year 1, Semester 1

PYN026	Advanced Counselling Psychology I
PYN027	Advanced Psychology Assessment

Year 1, Semester 2

PYN029	Advanced Counselling Psychology II
PYN030	Ethical Legal & Supervision Issues on Counselling Psychology

Year 2, Semester 1

PYN035	Supervised Practicum Elective
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Year 2, Semester 2

PYN036 Supervised Practicum
Elective

Year 3, Semester 1

PYB454 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

Year 4, Semester 2

Elective
PYN038 Supervised Practicum

Any one elective unit selected from the following, or any postgraduate unit as approved by the postgraduate coordinator:

PYN013 Advanced Counselling Studies
HSB230 Casework and Case Management
HSB231 Social Policy Processes
HSB232 Group and Team Practice
HSB233 Indigenous Australia: Country, Kin & Culture

Year 2, Semester 1 (or Summer Program)

HSP511/1 Practice Related Research 1
HSP511/2 Practice Related Research 2

Part-time Course Structure

Please contact the course coordinator for advice on nominating a part-time program.

■ **Master of Social Science (Human Services) (HS16)**

Location: Carseldine campus

Course Duration: 1.5 years full-time/3 years part-time

Total Credit Points: 144

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr John Tomlinson

Entry Requirements

To be eligible for admission, an applicant must have:

- (i) completed a three year undergraduate degree in human services or social work, or
- (ii) possess a non-human services three year undergraduate degree and be able to demonstrate employment experience in the community service industry of at least one year's duration.

Full-time Course Structure

Year 1, Semester 1

HSP411 Critical Issues in the Human Services
HSP412 Leadership in the Human Services
PYB454 The Logic of Social Inquiry

Any one elective unit selected from the following, or any postgraduate unit as approved by the postgraduate coordinator:

GSN202 Managerial Accounting
GSN206 Marketing
HSB323 Aged Services – Advanced
HSB324 Child & Family Services – Advanced
HSB325 Corrective Services – Advanced
HSB326 Disability Services – Advanced
HSB327 Services to Young People – Advanced
MGN516 Policy Analysis
MGN517 Program Management & Evaluation
PYN000 Counselling Studies I

Year 1, Semester 2

HSP421 Managing Human Service Organisations
HSP423 Skills for the Contract Regime
HSP422 Managed Care & Case Management

■ **Graduate Diploma of Arts (Film & Television Production) (MJ23)**

Graduate Diploma of Arts (Journalism) (MJ23)

Location: Gardens Point campus

Course Duration: 1 year full-time, 2 years part-time. The part-time mode of this course may not necessarily be available by evening study.

Total Credit Points: 96

Standard Credit Points/Part-time Semester: 24

Course Coordinator: Associate Professor Philip Neilsen

Discipline Coordinators:

Journalism: Mr Lee Duffield

Film & Television Production: Mr John Hookham

Course Requirements

Applicants must have 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.

A limited number of special entry places will be available to practitioners in the relevant professions who, while possessing no formal degree, can demonstrate and document significant experiential grasp of their professions. 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 & television production, journalism and media studies graduates, if they enrol in the Graduate Diploma course, must select a major different from their

undergraduate major. Except in exceptional circumstances and with the approval of the Dean of the Faculty, a part-time student may not enrol for more than two units in any one semester. Prerequisites for all units with MJB codes may be waived for students in the Graduate Diploma in Arts at the discretion of the course or discipline coordinator.

Elective units are 12 credit points in value.

Students commencing mid-year should consult the discipline coordinator for further information on enrolment and unit selection.

FILM AND TELEVISION PRODUCTION

Full-time Course Structure

Year 1, Semester 1

MJB155 Media Production
MJB111 Media Writing

Select TWO of the following units:

MJP103 Creative Writing Theory
MJP104 Film & Television Production Theory
MJP105 Theories of Journalism
MJP110 Media Theory & Policy

Year 1, Semester 2

MJB185 Informational Production
MJB358 Documentary Theory & Practice
Elective
Elective

Part-time Course Structure

Year 1, Semester 1

MJB155 Media Production

Select ONE of the following units:

MJP103 Creative Writing Theory
MJP104 Film & Television Production Theory
MJP105 Theories of Journalism
MJP110 Media Theory & Policy

Year 1, Semester 2

MJB185 Informational Production
Elective

Year 2, Semester 1

MJB111 Media Writing

Select ONE of the following units:

MJP103 Creative Writing Theory
MJP104 Film & Television Production Theory
MJP105 Theories of Journalism
MJP110 Media Theory & Policy

Year 2, Semester 2

MJB358 Documentary Theory & Practice
Elective

JOURNALISM

Full-time Course Structure

Year 1, Semester 1

MJB120 Newswriting
MJB101 Journalism Information Systems
MJP105 Theories of Journalism

Select ONE of the following units:

MJP103 Creative Writing Theory
MJP104 Film & Television Production Theory
MJP110 Media Theory & Policy

Year 1, Semester 2

MJB121 Journalistic Inquiry
Elective
Elective

MJB224 Feature Writing
OR

MJB232 Radio & Television Journalism 1

Part-time Course Structure

Year 1, Semester 1

MJB101 Journalism Information Systems
MJB120 Newswriting

Year 1, Semester 2

MJB121 Journalistic Inquiry
Elective

Year 2, Semester 1

MJP105 Theories of Journalism

Select ONE of the following units:

MJP103 Creative Writing Theory
MJP104 Film & Television Production Theory
MJP110 Media Theory & Policy

Year 2, Semester 2

MJB224 Feature Writing
OR
MJB232 Radio & Television Journalism 1

Elective

Recommended electives for Graduate Diploma (Journalism) students include MJB275 Media Legal Issues and MJB239 Journalism Ethics and Issues.

Recommended electives for Graduate Diploma (Film and Television Production) students include MJB260 Community and Educational Video, MJB229 Film and Television Scriptwriting and MJB147 Film and Television Genres.

■ Graduate Diploma in Clinical Hypnosis (PY30)

Applicants must hold a degree in medicine, dentistry or psychology (4 year trained) or other appropriate accredited health-related qualification.

Location: Carseldine campus

Course Duration: 2 years part-time

Total Credit Points: 96

Standard Credit Points/Part-time Semester: 24

Course Coordinator: Dr Kathryn Gow

Part-time Course Structure

Year 1 Semester 1

PYP300 Clinical Hypnosis: Foundations in Theory & Practice

PYP301 Hypnosis: Processes & Techniques

Year 1 Semester 2

- PYP302 Clinical Applications of Hypnosis: General & Discipline Based
PYP307 Clinical Case Supervision (Group & Individual)

Year 2 Semester 1

- PYP304 Foundations of Effective Clinical Research in Hypnosis
PYP306/1 Dissertation: Clinical Research Review

Year 2 Semester 2

- PYP306/2 Dissertation: Clinical Research Review
PYP306/3 Dissertation: Clinical Research Review

Intending full-time students should contact the course coordinator for program details.

Students who have completed the Graduate Certificate in Hypnosis must apply for credit for Year 1 of this course.

■ Graduate Diploma in Dance Instruction (AA07)

Location: Kelvin Grove campus

Course Duration: 1 year full-time (3 semesters) external, 2 years part-time external

Total Credit points: 96

Course Coordinator: Ms Jude Smith

Course Structure

Full-time students

Select four units from both first and second semester, and both units in the summer program.

Part-time students

Select two units from both first and second semester, and either one or both units in the summer program.

First Semester

- AAP104 Safe Dance Practice
AAP125 Dance Analysis & History
AAP189 Dance Assessment & Reporting Procedures
AAP190 Professional Practice & Business Administration for Dance Teachers
AAP191 Dance Teaching Methodologies
AAP192 Stagecraft & Costume Design for Dance

Second Semester

- AAP104 Safe Dance Practice
AAP125 Dance Analysis & History
AAP189 Dance Assessment & Reporting Procedures
AAP190 Professional Practice & Business Administration for Dance Teachers
AAP191 Dance Teaching Methodologies
AAP192 Stagecraft & Costume Design for Dance

Summer Program

- AAP180 Dance Technique Studies 1 (residency)
AAP181 Dance Technique Studies 2 (residency)

Students should contact the course coordinator to discuss their enrolment program.

■ Graduate Diploma in Digital Media (MJ31)

Location: Gardens Point campus

Course Duration: 2 semesters full-time or 4 semesters part-time

Total Credit Points: 96

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Associate Professor Philip Neilsen

Course Requirements

Applicants must have:

- a bachelor's degree from a university in a non-cognate discipline area, or,
- a three year diploma in an area relevant to digital media, or,
- professional standing and successful professional practice relevant to digital media, to the satisfaction of the course coordinator and the Dean of faculty.

Due to workload considerations in the AAB units, students enrolling full-time in the Graduate Diploma in Digital Media would be encouraged to complete AAB818 Introduction to Multimedia Technology in the summer semester prior to undertaking AAB819 Electronic Publishing.

Full-time Course Structure

Year 1, Semester 1

- AAB819 Electronic Publishing
MJB295 Virtual Cultures
AAB818 Introduction to Multimedia Technology
MJP110 Media Theory & Policy

Year 1, Semester 2

- MJB336 New Media Technologies
MJB348 Applied Media Studies
MJP392 Digital Media Project 1

Part-time Course Structure

Year 1, Semester 1

- AAB818 Introduction to Multimedia Technology
MJB295 Virtual Cultures

Year 1, Semester 2

- MJB336 New Media Technologies
MJB348 Applied Media Studies

Year 2, Semester 1

- AAB819 Electronic Publishing
MJP110 Media Theory & Policy

Year 2, Semester 2

- MJP392 Digital Media Project 1

■ Graduate Diploma in Music (AA94)

Location: Kelvin Grove campus

Course Duration: 2 semesters full-time, 4 semesters part-time

Total Credit Points: 96

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr Adrian Thomas

Full-time course structure

Students normally undertake four units per semester. Contact the course coordinator before making unit selection.

Part-time course Structure

Students should select two units each semester.

Pathways: Music Composition for the Creative Industries

AAB619	Introduction to Music Technology
AAN610	Materials of Music
AAB638	Sound & Image
AAN608	Composing for Moving Pictures
AAB621	Sound Recording & Acoustic Design
AAB620	Popular Song Composition
AAB056	Professional Studies
AAN609	Independent Project

Pathway: Music and Media Technologies

AAB619	Introduction to Music Technology
AAB621	Sound Recording & Acoustic Design
AAB635	Contemporary Musicianship (Sound Media)
AAN613	Music & Sound for Digital Media
AAN606	Advanced Digital Recording
AAB818	Introduction to Multimedia Technology
AAB056	Professional Studies
AAN609	Independent Project

Pathway: Instrumental Music Instruction

AAN611	Multi-Instrumental Studies 1
AAN615	Advanced Conducting
AAP433	Music Curriculum Studies 2A
AAB619	Introduction to Music Technology
AAN612	Multi-Instrumental Studies 2
AAN614	Teaching Music with Technology
AAP434	Music Curriculum 1A
AAB639	Music Directing

■ Post Graduate Diploma in Psychology (PY20)

Location: Carseldine campus

Course Duration: 1 year full-time, 2 years part-time. The part-time mode of this course may not be necessarily available by evening study.

Total Credit Points: 96

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr Doug Mahar

Entry Requirements

Applicants must meet the following entry requirements:

- (i) Completion of either of the two following undergraduate degrees:
 - Bachelor of Psychology (PY07) or
 - Any undergraduate degree which would allow the student to apply for entry to an Australian Psychological Society (APS) accredited Honours (Psychology) program.
- (ii) In the above undergraduate degree, the applicant must have achieved a minimum grade-point average of 5.0 in the APS accredited second and third year psychology units included in that degree.
- (iii) External applicants must provide certified copies of their complete academic transcripts.

In all cases, the student must meet the normal prerequisites for the selected units unless waived by the unit coordinator.

Full-time Course Structure

Year 1, Semester 1

PYB450/1 Research Thesis

One research methods unit selected from the following options:

PYB462	Survey Methods
PYB401	Advanced Research Methods
PYB454	Logic of Social Inquiry

Two advanced Psychology units selected from the following options:

PYB402	Counselling Psychology
PYB403	Cognitive Neuro Psychology
PYB404	Advanced Social & Developmental Psychology
PYB405	Advanced Organisational Psychology

Year 1, Semester 2

PYB407 Research & Professional Development Seminar

PYB450/2 Research Thesis

PYB450/3 Research Thesis

One cognate elective unit approved by the course coordinator

Part-time Course Structure

Please contact the course coordinator via the School of Psychology and Counselling on (07) 3864 4625 for advice on nominating a part-time course load.

■ Graduate Diploma in Psychology (PY08)

Location: Carseldine campus

Course Duration: 2 years part-time

Total Credit Points: 96

Standard Credit Points/Part-time Semester: 24

Course Coordinator: Dr Doug Mahar

Entry Requirements

This bridging course is available to students who have completed an undergraduate degree in a discipline other than Psychology. Students must also have completed an introductory Psychology unit and an introductory Psychological Research unit.

Part-time Course Structure

Year 1, Semester 1

PYB205 Social Psychology
PYB210 Research Design & Data Analysis

Year 1, Semester 2

PYB203 Developmental Psychology
Elective

Year 2, Semester 1

PYB303 Cognitive Psychology
PYB304 Physiological Psychology

Year 2, Semester 2

PYB306 Personality & Psychopathology
PYB311 Psychological Assessment

Electives

Choose one of the following:

PYB054 Psychology & Gender
PYB159 Alcohol & Other Drug Studies
PYB201 Perception
PYB208 Counselling Theory & Practice 1
PYB250 Environmental Psychology
PYB258 Introduction to Theory & Research in Hypnosis
PYB302 Industrial & Organisational Psychology
PYB350 Advanced Statistical Analysis*
PYB353 Occupational & Vocational Psychology
PYB358 Advanced Developmental Psychology
PYB359 Introduction to Family Therapy

Other units, including those in Addictive Behaviours and Road Safety, may be approved by the course coordinator.

* PYB350 is essential for those wishing to apply for entry to the Bachelor of Psychology (Honours) PY09.

■ Graduate Diploma in Road Safety (PY41)

Location: Carseldine campus

Course duration: 2 years part-time

Course Coordinator: Mr Barry Watson

Entry Requirements

Applicants must have either:

- a degree from a university; or
- have completed the Graduate Certificate in Road Safety or another qualification, relevant to road safety.

Part-time Course Structure

Year 1, Semester 1

PYP401 Introduction to Road Safety

And one of the following units:

PYP402 Understanding Road User Behaviour
PYP405 Road Safety Evaluation Models
CEP127 Road & Traffic Engineering*

Year 1, Semester 2

PYP404 Modifying Road User Behaviour
Any approved elective or a summer program unit

Year 1, Summer Program

CEP151 Road Safety Audit**

Consideration will be given to offering core or elective units in block mode, as demand warrants.

Year 2, Semester 1

And two of the following units
PYP402 Understanding Road User Behaviour
PYP405 Road Safety Evaluation Models
PYP407 Independent Study
CEP127 Road & Traffic Engineering*

Year 2, Semester 2

PYP406 Road Safety Theory to Practice

And one of the following units or a summer program unit:

PYP404 Modifying Road User Behaviour
PYP407 Independent Study

Year 2, Summer Program

CEP151 Road Safety Audit**

Consideration will be given to offering core or elective units in block mode, as demand warrants.

* This unit is offered by the School of Civil Engineering at Gardens Point campus.

** This unit is conducted jointly by QUT and Main Roads and will usually be offered in November. It may also be offered at other times of the year, subject to demand.

■ Graduate Diploma in Social Science (Human Services) (HS15)

Location: Carseldine campus

Course Duration: 1 year full-time, 2 years part-time

Total Credit Points: 96

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr John Tomlinson

Entry Requirements

Applicants must meet the following entry requirements:

- (i) Have completed a three year undergraduate degree in human services or social work, or

- (ii) possess a non-human services three year undergraduate degree and be able to demonstrate employment experience in the community service industry of at least one year's duration.

Full-time Course Structure

Year 1, Semester 1

HSP411	Critical Issues in the Human Services
HSP412	Leadership in the Human Services

Any two elective units selected from the following, or any postgraduate unit as approved by the postgraduate coordinator:

PYB454	The Logic of Social Inquiry
PYN000	Counselling Studies I
MGN516	Policy Analysis
MGN517	Program Management & Evaluation
GSN202	Managerial Accounting
GSN206	Marketing
HSB323	Aged Services – Advanced
HSB324	Child & Family Services – Advanced
HSB325	Corrective Services – Advanced
HSB326	Disability Services – Advanced
HSB327	Services to Young People – Advanced

Year 1, Semester 2

HSP421	Managing Human Service Organisations
HSP423	Skills for the Contract Regime
HSP422	Managed Care & Case Management

Any one elective unit selected from the following, or any postgraduate unit as approved by the postgraduate coordinator:

PYN013	Advanced Counselling Studies
HSB230	Casework & Case Management
HSB231	Social Policy Processes
HSB232	Group & Team Practice
HSB233	Indigenous Australia: Country, Kin & Culture

Part-time Course Structure

Please contact the course coordinator for advice on nominating a part-time program.

■ Graduate Certificate in Arts (Creative Writing) (MJ24)

Location: Gardens Point campus

Course Duration: 1 semester full-time or 1 year part-time

Total Credit Points: 48

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Associate Professor Philip Neilsen

Discipline Head: Associate Professor Philip Neilsen

Course Requirements

Applicants will normally have a bachelor degree in any field, although other evidence that a candidate could cope adequately with postgraduate study (for

example, employment at a relatively senior level, relevant industry experience) will be looked on favourably.

The following two units must be completed as part of the certificate: MJB350 and MJP103.

Part-time Course Structure

Semester 1

MJB350	Creative Writing & Publishing
MJP103	Creative Writing Theory

Semester 2

MJB229	Film & Television Scriptwriting
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Select ONE of the following units:

MJB380	Non-fiction Creative Writing
MJB399	Professional Issues in Creative Writing

Notes

1. Full-time mode is possible. For further information consult the discipline head.
2. Students commencing mid year should note MJP103 is available in Semester 1 only. For further information on enrolment and unit selection consult the discipline head.

■ Graduate Certificate in Arts (Film & Television Production) (MJ25)

Location: Gardens Point campus

Course Duration: 1 year part-time

Standard Credit Points/Part-time Semester: 24

Course Coordinator: Associate Professor Philip Neilsen

Discipline Head: Mr John Hookham

Part-time Course Structure

Year 1, Semester 1

MJP155	Media Production
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Select ONE of the following units:

MJP104	Film & Television Production Theory
MJP110	Media Theory & Policy

Year 1, Semester 2

MJP185	Informational Production
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Select ONE of the following units:

MJB260	Community & Educational Video
MJP111	Media Writing

Note: Students commencing mid year should consult the discipline head for further information on enrolment and unit selection.

■ Graduate Certificate in Arts (Journalism) (MJ26)

Location: Gardens Point campus

Course Duration: 1 semester full time or 1 year part-time

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Associate Professor Philip Neilsen

Discipline Head: Mr Lee Duffield

Full-time Course Structure

Year 1, Semester 1

MJB322	Subediting & Layout
MJP105	Theories of Journalism
MJP120	Newswriting
MJP224	Feature Writing

Part-time Course Structure

Year 1, Semester 1

MJP105	Theories of Journalism
MJP120	Newswriting

Year 1, Semester 2

MJP224	Feature Writing
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Select one of the following units:

MJB322	Subediting & Layout
MJP232	Radio & Television Journalism 1

Note: Students commencing mid year should consult the discipline head for further information on enrolment and unit selection.

■ Graduate Certificate in Clinical Hypnosis Practice (PY32)

Applicants must hold a degree in medicine, dentistry or psychology or other appropriate accredited health-related qualification (4 year trained).

Location: Carseldine campus

Course Duration: 1 year part-time

Total Credit Points: 48

Standard Credit Points/Part-time Semester: 24

Course Coordinator: Dr Kathryn Gow

Part-time Course Structure

Year 1 Semester 1

PYP300	Clinical Hypnosis: Foundations in Theory & Practice
PYP301	Hypnosis: Processes & Techniques

Year 1 Semester 2

PYP302	Clinical Applications of Hypnosis: General & Discipline Based
PYP307	Clinical Case Supervision (Group & Individual)

■ Graduate Certificate in Dance Instruction (AA06)

Location: External (by correspondence)

Course Duration: 1 semester full-time external, 1 year part-time external

Total Credit Points: 48

Course Coordinator: Ms Jude Smith

Course Structure

Students are required to complete the two core units and two electives

Full-time students

Select four units from either first or second semester

Part-time students

Select two units from both first and second semester.

First Semester

AAP104	Safe Dance Practice (core)
AAP125	Dance Analysis & Dance Histories (elective)
AAP189	Dance Assessment & Reporting Procedures (elective)
AAP190	Professional Practice & Business Administration for Dance Teachers (core)
AAP191	Dance Teaching Methodologies (elective)

Second Semester

AAP104	Safe Dance Practice (core)
AAP125	Dance Analysis & Dance Histories (elective)
AAP189	Dance Assessment & Reporting Procedures (elective)
AAP190	Professional Practice & Business Administration for Dance Teachers (core)
AAP191	Dance Teaching Methodologies (elective)

Summer Program

AAP180	Dance Technique Studies 1 (residency) (elective)
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■ Graduate Certificate in Digital Media (MJ30)

Location: Gardens Point campus

Course Duration: 2 semesters part-time

Total Credit Points: 48

Standard Credit Points/Part-time Semester: 24

Course Coordinator: Associate Professor Philip Neilsen

Course Requirements

Applicants must have:

- a bachelor's degree from a university in a non-cognate discipline area, or,
- a three year diploma in an area relevant to digital media, or,
- professional standing and successful professional practice relevant to digital media, to the satisfaction of the course coordinator and the Dean of Faculty.

Part-time Course Structure

Year 1, Semester 1

AAB818 Introduction to Multimedia Technology
 MJB295 Virtual Cultures

Year 1, Semester 2

MJB336 New Media Technologies
 MJB348 Applied Media Studies

■ Graduate Certificate in Music (AA93)

Location: Kelvin Grove campus

Course Duration: 1 semester full time, 2 semesters part-time

Total Credit Points: 48

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr Adrian Thomas

Full-time Course Structure

Please contact the course coordinator before making unit selection.

Part-time course Structure

Students should select two units each semester.

Pathway: Music Composition for the Creative Industries

AAB619 Introduction to Music Technology
 AAN610 Materials of Music
 AAB638 Sound & Image
 AAN608 Composing for Moving Pictures

Pathway: Music and Media Technologies

AAB619 Introduction to Music Technology
 AAB621 Sound Recording & Acoustic Design
 AAB635 Contemporary Musicianship (Sound Media)
 AAN613 Music & Sound for Digital Media

Pathway: Contemporary Music Studies

AAB640 Sex, Drugs & Rock 'N' Roll
 AAB631 World Music
 AAN607 Australian Music Culture
 AAB638 Sound & Image

Pathway: Instrumental Music Instruction

AAN611 Multi-Instrumental Studies 1
 AAN615 Advanced Conducting
 AAP433 Music Curriculum Studies 2A
 AAB619 Introduction to Music Technology

■ Graduate Certificate in Road Safety (PY40)

Location: Carseldine campus

Course Duration: 1 year part-time

Course Coordinator: Mr Barry Watson

Entry Requirements

Applicants must have either:

a degree from a university; or

have a qualification, professional standing and/or work experience in the area of road safety.

Part-time Course Structure

Year 1, Semester 1

PYP401 Introduction to Road Safety
 And one of the following units
 PYP402 Understanding Road User Behaviour
 PYP405 Road Safety Evaluation Models
 CEP127 Road & Traffic Engineering*

Year 1, Semester 2

PYP406 Road Safety Theory to Practice
 And the following unit or a summer program unit
 PYP404 Modifying Road User Behaviour

Year 1, Summer Program

CEP151 Road Safety Audit**

Consideration will be given to offering core or elective units in block mode, as demand warrants.

* This unit is offered by the School of Civil Engineering at Gardens Point campus

** This unit is conducted jointly by QUT and Main Roads and will usually be offered in November. It may also be offered at other times of the year, subject to demand.

■ Bachelor of Arts (Honours) (Communication Design) (AA82)

Location: Kelvin Grove campus

Course Duration: 1 year full-time

Total Credit Points: 96

Course Coordinator: Associate Professor Jeff Jones

Course Structure

Semester 1

AAB001/1 Research Project
 AAB850 Research & Development Elective

Semester 2

AAB001/2 Research Project
 AAB002 Graduate Seminar Elective

Electives relevant to the student's research interests and project outcomes may be taken from across the University.

■ Bachelor of Arts (Honours) (Dance/Drama/Visual Arts) (AA40)

Location: Kelvin Grove campus

Course Duration: 1 year full-time

Total Credit Points: 96

Discipline Coordinators:

Dance: Ms Kristen Bell

Drama: Dr Paul Makeham

Visual Arts: Mr Dan Mafe

Course Structure

Semester 1

AAB001/1 Research Project

AAB004 Contemporary Aesthetic Debates

Select unit from list A OR
Elective³

Semester 2

AAB001/2 Research Project

AAB002 Graduate Seminar

Select unit from list A OR
Elective³

List A

AAB005 Readings in Visual Arts

AAB275 Understanding Theatre

AAN200 Dramaturgy

■ Bachelor of Arts (Honours) (Creative Writing Production* / Film & Television Production/ Journalism/Media Studies) (MJ21)

* Offering of the Creative Writing Production major as part of MJ21 is subject to final course approval.

Location: Gardens Point campus

Course Duration: 1 year full-time, 2 years part-time

Total Credit Points: 96

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr Christina Spurgeon

Course Requirements

Applicants must have completed a Bachelor of Arts 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 who produce evidence of other qualifications and/or experience and/or portfolio which is considered by the Faculty Academic Board on advice of the course coordinator to qualify the candidate for admission, may be accepted.

In selecting the three out of four discipline based units in the course structure, students must complete

the unit offered by their discipline major. For example, Journalism students must do MJP105 Theories of Journalism.

Elective units are 12 credit points in value.

Full-time Course Structure

Year 1, Semester 1

MJP391 Media Research Methods

Select THREE of the following units:

MJP103 Creative Writing Theory

MJP104 Film & Television Production Theory

MJP105 Theories of Journalism

MJP110 Media Theory & Policy

Year 1, Semester 2

MJP107/1 Dissertation

MJP107/2 Dissertation

MJP107/3 Dissertation

MJP107/4 Dissertation

Part-time Course Structure

Year 1, Semester 1

MJP391 Media Research Methods

Select ONE of the following units:

MJP103 Creative Writing Theory

MJP104 Film & Television Production Theory

MJP105 Theories of Journalism

MJP110 Media Theory & Policy

Year 1, Semester 2

MJP107/1 Dissertation

MJP107/2 Dissertation

Year 2, Semester 1

Select TWO of the following units:

MJP104 Film & Television Production Theory

MJP105 Theories of Journalism

MJP103 Creative Writing Theory

MJP110 Media Theory & Policy

Year 2, Semester 2

MJP107/3 Dissertation

MJP107/4 Dissertation

■ Bachelor of Arts (Honours) (Humanities) (HU21)

Location: Carseldine campus

Course Duration: 1 year full-time; 2 years part-time

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr Zlatko Skrbis

Course Structure

Core units:

PYB454 The Logic of Social Inquiry

HUB901 Literature Review

HUB902 Honours Dissertation I

³ Students may choose from units offered elsewhere in the University, which are deemed by the discipline coordinator to be relevant to the research project.

One of the elective units:

HUB624 Advanced Seminar in Asia Pacific Studies
HUB758 Research Methods in Applied Ethics

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 honours coordinator.

HUB124 Research Colloquium
HUB903 Honours Dissertation II

Language Students

Language students note the following:

1. Language students will, where appropriate, do extensive work in HUB901, HUB902 and HUB903 in the target language. Where feasible the Honours Dissertation will be written in the target language.
2. Language students may, if they wish, exercise an option to substitute HUB906 (Overseas Study) for HUB900 (Research, Contexts and Issues) and their first semester elective. Students who elect this option must make arrangements with their supervisor for completing HUB901 and HUB902 in the distance mode.

Part-time Students

Part-time students may take units in an alternative sequence approved by 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 the following units:

PYB454 Logic of Social Inquiry
HUB901 Literature Review I
Elective

PLUS the mark awarded for the Dissertation
= FINAL RESULT*

The Honours dissertation will be marked by two assessors, one of whom will normally be external to the school.

■ Bachelor of Music (Honours) (AA92)

Location: Kelvin Grove campus

Course Duration: 1 year full-time

Total Credit Points: 96

Course Coordinator: Mr Andrew Brown

Course Structure

Semester 1

AAB001/1 Research Project
AAB850 Research & Development
Elective

Semester 2

AAB001/2 Research Project
AAB002 Graduate Seminar
Elective

■ Bachelor of Social Science (Honours) (Human Services) (HS14)

Location: Carseldine campus

Duration: 1 year full-time, 2 years part-time

Total Credit Points: 96

Standard Credit Points/Full-time Semester: 48

Contact person: Dr John Tomlinson

Entry Requirements

QUT applicants graduating from the Bachelor of Social Science (Human Services)(HS07) (previously SS07) will need:

- (i) An overall GPA of 5.0
- (ii) A grade of 5.0 for the subject HSB222 (SSB058) Social Inquiry

Non-QUT graduates will need:

- (i) An overall GPA of 5.0
- (ii) Completion of at least 8 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

Year 1, Semester 1

PYB454 The Logic of Social Inquiry
HSP411 Critical Issues in the Human Services
HSP413/1 Research Thesis
HSP413/2 Research Thesis

Year 1, Semester 2

HSP413/3 Research Thesis
HSP413/4 Research Thesis
HSP413/5 Research Thesis
HSP413/6 Research Thesis (Seminar)

Part-time Course Structure

Year 1, Semester 1

PYB454 The Logic of Social Inquiry
HSP411 Critical Issues in the Human Services

Year 1, Semester 2

HSP413/1 Research Thesis
HSP413/2 Research Thesis

Year 2, Semester 1

HSP413/3 Research Thesis
HSP413/4 Research Thesis

Year 2, Semester 2

HSP413/5 Research Thesis

HSP413/6 Research Thesis (Seminar)

■ Bachelor of Social Science (Honours) (SS13)

Location: Carseldine campus

Course Duration: 1 year full-time; 2 years part-time

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr Zlatko Skrbis

Course Structure

Core offerings:

PYB454 The Logic of Social Inquiry

HUB901 Literature Review

HUB902 Honours Dissertation I

One of the elective offerings:

HUB139 Postmodernity & Its Critics

HUB688 Geographical Research Methods

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 honours coordinator.

HUB124 Research Colloquium

HUB903 Honours Dissertation II

Part-time students

Part-time students may take units in an alternative sequence approved by 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 the following units:

PYB454 Logic of Social Inquiry

HUB901 Literature Review I

Elective

PLUS the mark awarded for the Dissertation
= FINAL RESULT*

*Disclaimer: Please note that the final result is determined by the Honours Board. The board reserves the right to make any necessary adjustments.

The Honours dissertation will be marked by two assessors, one of whom will normally be external to the school.

■ Bachelor of Psychology (Honours) (PY09)

Location: Carseldine campus

Course Duration: 1 year full-time, 2 years part-time

Total Credit Points: 96

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr Doug Mahar

Entry to Honours and Postgraduate Programs

To be eligible for entry into the Bachelor of Psychology (Honours) program, applicants must have completed 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 (PY07)
- (ii) other approved courses in Psychology accredited by the Australian Psychological Society.

For internal applicants, the base level requirements for consideration for inclusion in the Honours program will be:

- a minimum grade point average of 5.0 in the overall undergraduate degree program
- a minimum overall grade point average of 5.0 in nine prescribed second and third year Psychology subjects or their equivalent, specifically:

PYB201 Perception

PYB203 Developmental Psychology

PYB205 Social Psychology

PYB210 Research Design & Data Analysis

PYB303 Cognitive Psychology

PYB304 Physiological Psychology

PYB306 Personality and Psychopathology

PYB311 Psychological Assessment

PYB350 Advanced Statistical Analysis

For external applicants, 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.

The GPA of entry qualification/s will be used when filling quota places in this course.

Full-time Course Structure

Semester 1

PYB400/1 Research Thesis Part 1

PYB401 Advanced Research Methods

Two units from the electives indicated below

Semester 2

PYB400/2 Research Thesis Part 2

PYB400/3 Research Thesis Part 3

PYB400/4 Research Thesis Part 4

PYB407 Research & Professional Development Seminar

Part-time Course Structure

Year 1, Semester 1

PYB401 Advanced Research Methods
One of the electives indicated below.

Year 1, Semester 2

PYB400/1 Research Thesis Part 1
PYB407 Research & Professional Development Seminar

Year 2, Semester 1

PYB400/2 Research Thesis Part 2
One of the electives indicated below.

Electives

PYB402 Counselling Psychology
PYB403 Cognitive Neuropsychology
PYB404 Advanced Social & Developmental Psychology
PYB405 Advanced Organisational Psychology

■ Bachelor of Arts (HU20)*

* This course is being phased out (new students cannot enrol in it). Any student who wishes to discuss their enrolment should contact the course coordinator.

Location: Carseldine campus

Course Duration: 3 years full-time, 6 years part-time

Total Credit Points: 288

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Ms Jane Williamson-Fien

Course Requirements

Students must complete:

- HU20 first year requirements
- Four** Arts faculty foundation units
- One** major study sequence offered by the School of Humanities and Social Science in the HU20 program.

Note that a major study sequence in the HU20 degree is made up of 96 credit points of which at least 72 credit points must be at second and/or third year level.

■ Bachelor of Arts (HU22)

Location: Carseldine campus

Course Duration: 3 years full-time; 6 years part-time

Total Credit Points: 288

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Ms Jane Williamson-Fien

Course Requirements

Students are required to complete the following components of the degree:

the first year requirements (eight units) which include:

- HUB000 Applied Skills and Scholarship
- two faculty foundation units (see List A)
- two to three course foundation units (see List B)
- two to three elective units (see List C)

Note: A minimum of four of these eight units must be chosen from School of Humanities and Social Science units.

One major study sequence chosen from those offered within the School of Humanities and Social Science.

And, either:

one further major study sequence (or two minor study sequences) from those offered within the School of Humanities and Social Science

OR

one major study sequence (or up to two minor study sequences) from those offered by schools other than the School of Humanities and Social Science.

Students must ensure that:

- they maintain a 50% enrolment in the School of Humanities and Social Science units until they have completed eight units in the HU22 course
- a minimum of 12 of the total of 24 course units must be chosen from the School of Humanities and Social Science units.

Students who enter the course with advanced standing should discuss their enrolment with the course coordinator.

All students doing courses in the School of Humanities and Social Science at Carseldine campus are required to complete HUB000. This unit will be offered in semesters 1 and 2. Students may be exempted if they have completed a first year university course or a similar unit at another tertiary institution. Students seeking exemption must discuss their case with the course coordinator.

Major/Minor Study Sequences

The School of Humanities and Social Science offers a number of major and minor study sequences.

Majors*

- Applied Ethics
- Asia Pacific Studies
- Geography and Environmental Studies
- Gender Studies
- History
- International and Global Studies

- Languages (French, German, Indonesian, Japanese, Mandarin**)
- Literary and Cultural Studies
- Political Studies
- Sociology

Minors

- European Studies
- Indigenous Studies

* Any of the majors may be taken as a minor study areas.

** Mandarin is available only in intensive summer program mode followed by in-country study.

Course Structure

Example of Full-time Course Structure (two major option)

Year 1, Semester 1

- Faculty foundation unit
- Course foundation unit or HUB000
- Course foundation unit
- Elective

Year 1, Semester 2

- Faculty foundation unit
- Course foundation unit or HUB000
- Course foundation unit
- Elective

Year 2, Semester 1

- Major 1
- Major 2
- Major 2
- Elective

Year 2, Semester 2

- Major 1
- Major 1
- Major 2
- Elective

Year 3, Semester 1

- Major 1
- Major 1
- Major 2
- Elective

Year 3, Semester 2

- Major 1
- Major 2
- Major 2
- Elective

Example of Full-time Course Structure (one major, two minors option)

Year 1, Semester 1

- Faculty foundation unit
- Course foundation unit or HUB000
- Course foundation unit
- Elective

Year 1, Semester 2

- Faculty foundation unit
- Course foundation unit or HUB000
- Course foundation unit
- Elective

Year 2, Semester 1

- Major 1
- Major 1
- Minor 1
- Minor 2

Year 2, Semester 2

- Major 1
- Minor 1
- Minor 2
- Elective

Year 3, Semester 1

- Major 1
- Major 1
- Minor 1
- Minor 2

Year 3, Semester 2

- Major 1
- Elective
- Elective
- Elective

Note: Credit points in electives can be taken as additional units in students' designated major or minor study areas. However, students must complete 12 of these 24 units in the School of Humanities and Social Science if they wish to complete additional units in major or minor study sequences outside the school.

Part-time Students

During their first year part-time students normally enrol in four units.

The following is the recommended pattern of enrolment.

- HUB000 Applied Skills and Scholarship
- two faculty foundation units (one per semester) (see List A)
- one course foundation units offered by Humanities (see List B) or
- one electives (see List C).

YEAR 1

LIST A – FACULTY FOUNDATION UNITS

Students must complete two faculty foundation units in first year. The following table indicates the units on offer for 2001. These units are subject to confirmation by the faculty.

Semester 1

AAB051	Arts in Society
HUB600	Australian Society & Culture
HUB687	Contemporary Moral Issues
MJB140	Media & Society
PYB007	Interpersonal Processes & Skills
HSB002	Introduction to Human Rights

Semester 2

AAB051	Arts in Society
HUB600	Australian Society & Culture

- HUB687 Contemporary Moral Issues
 MJB140 Media & Society
 PYB007 Interpersonal Processes & Skills
 HSB002 Introduction to Human Rights

LIST B – COURSE FOUNDATION UNITS

Students must complete two to three of the following entry-level units to the various majors and minors offered by the School of Humanities and Social Science.

MAJOR STUDY AREAS

Applied Ethics

HUB601 Human Identity & Change

Asia Pacific Studies

HUB610 Approaches to Asia Pacific Studies

Gender Studies

HUB760 Introduction to Gender Studies

Geography and Environmental Studies

HUB202 World Regions

History

HUB610 Approaches to Asia Pacific Studies

HUB649 Interpreting the Past

International and Global Studies

HUB221 Introduction to International & Global Studies

Literary and Cultural Studies

HUB716 Introduction to Literary & Cultural Studies

Political Studies

HUB694 Australian Politics

Sociology

HUB120 Introduction to Sociology
 (incompatible with SSB000 Introduction to Sociology 1A)

Languages

All language teaching in 2001 will be scheduled on the Gardens Point campus. Students wishing to study a language other than English should select from the following:

HUB650 Indonesian 1 OR
 HUB652 Indonesian 3 (for students who have completed year 12 Indonesian or equivalent)

HUB660 Japanese 1 OR
 HUB662 Japanese 3 (for students who have completed Year 12 Japanese or equivalent)

HUB670 French 1 OR
 HUB672 French 3 (for students who have completed Year 12 French or equivalent)

HUB735 German 1 OR
 HUB737 German 3 (for students who have completed Year 12 German or equivalent)

HUB450 Mandarin for Chinese 1
 HUB451 Mandarin for Chinese 2 (not on offer in 2001)

HUB453 Introductory Mandarin 1
 HUB454 Introductory Mandarin 2

MINOR STUDY AREAS

European Studies

HUB722 Foundations of Modern Europe

Indigenous Studies

HUB700 Indigenous Australian Culture Studies

Note that students may take additional course foundation units in the Bachelor of Arts as their electives. Students may also wish to take other units offered by other schools/faculties within QUT. Students planning to take a major or minor area offered by another school as part of their degree, need to take the appropriate entry-level unit(s) in their first year.

YEAR 2 AND 3

In years 2 and 3 students must complete the requirements of their two major study sequences (or one major and two minor study sequences). Details of the individual study sequences are listed below.

LIST C – MAJOR STUDY SEQUENCES

Applied Ethics

Course foundation unit (compulsory):

HUB601 Human Identity & Change

Discipline studies unit (six units from the following):

HUB751 Public & Professional Ethics
 HUB752 The Just Society
 HUB753 Ethical Decision-making
 HUB754 Feminism & Ethics
 HUB755 Vulnerable Identities
 HUB757 Ethics, Technology & the Environment
 HUB758 Research Methods in Applied Ethics
 HUB831 Gene Technology & Ethics

Asia Pacific Studies

Course foundation unit (compulsory):

HUB610 Approaches to Asia Pacific Studies

Discipline Studies Unit (six units from the following):

East Asia

HUB332 Korean Cultures & Societies
 HUB628 Modern Japan (not on offer in 2001)
 HUB629 Modern China
 HUB220 Windows on Japan

Pacific Islands

HUB619 Pacific Culture Contact
 HUB620 The Pacific Since 1945 (not on offer in 2001)
 HUB627 Australia & the South Pacific (not on offer in 2001)

Southeast Asia

HUB626 Contemporary Southeast Asia
 HUB633 Sex & Drugs in Southeast Asia (not on offer in 2001)

Asia Thematic

HUB617 Women, Aid & Development
 HUB618 Asian Women
 HUB624 Advanced Seminar in Asia Pacific Studies (for third year and honours students)

Gender Studies

Course foundation unit (compulsory):

HUB760 Introduction to Gender Studies

Discipline studies unit (six from the following):

HUB617 Women, Aid & Development

HUB618 Asian Women

HUB711 Australian Women's Writing (not on offer in 2001)

HUB730 Gender & Representation

HUB754 Feminism & Ethics

HUB121 Social Inequality & Difference in Australia⁴ (not on offer in 2001)

PYB054 Psychology & Gender

HUB140 Qualitative Research Methods⁴

AAB053 Gender Issues in the Visual & Performing Arts

HUB131 Sex, Gender & Society⁴

HUB139 Postmodernism & Its Critics

HUB145 Virgins, Saints & Sinners

MJB307 Feminist Media studies

PYB010 Human Sexuality⁴

PYB061 Gender & Organisations⁴

Advanced seminar (for third year and honours students):

HUB715 Advanced Seminar in 19th Century Feminine/Feminist Fictions (not on offer in 2001)

□ *Geography and Environmental Studies*

Course foundation unit (compulsory):

HUB202 World Regions

Discipline studies unit (six units from the following):

Environment and Resources

HUB201 Environment & Society

HUB207 Environmental Hazards

HUB617 Women, Aid & Development

HUB685 Australian Resource Management

HUB757 Ethics, Technology & the Environment

Regional and Local Studies

HUB626 Contemporary Southeast Asia

HUB683 Australian Geographical Studies

HUB220 Windows on Japan

HUB330 Brisbane in the 20th Century

Advanced seminar (for third year and honours students)

HUB688 Geographical Research Design

Other electives for geography major:

PSB631 Geographic Information Systems

PSB655 Remote Sensing

HUB130 Survey Methods

HUB222 Issues in International & Global Studies

□ *History*

Course foundation unit (compulsory – one of):

HUB649 Interpreting the Past

HUB610 Approaches to Asia Pacific Studies

Discipline studies units (six units from the following):

Modern Histories

HUB618 Asian Women

HUB619 Pacific Culture Contact

HUB620 The Pacific Since 1945 (not on offer in 2001)

HUB627 Australia & the South Pacific (not on offer in 2001)

HUB628 Modern Japan (not on offer in 2001)

HUB629 Modern China

HUB692 Conspiracy & Dissent in Australian History

HUB720 Europe Since 1945 (not on offer in 2001)

HUB723 War & Revolution in Europe 1914-1945 (not on offer in 2001)

HUB743 Nations & Nationalism in Modern Europe (not on offer in 2001)

HUB330 Brisbane in the 20th Century

Advanced seminar (for third year and honours students):

HUB624 Advanced Seminar in Asia Pacific Studies

HUB695 Rethinking Histories (not on offer in 2001)

Pre Modern Histories

HUB721 Classical World – Rome

HUB722 Foundations of Modern Europe

HUB744 Medieval Europe

HUB745 Classical World – Greece (not on offer in 2001)

□ *International Studies Major**

HUB221 Introduction to International & Global Studies (course foundation unit)

HUB222 Issues in International & Global Studies (discipline studies unit)

Plus five of the following discipline studies units:

Regional Studies

HUB220 Windows on Japan

HUB332 Korean Societies & Cultures

HUB610 Approaches to Asia Pacific Studies

HUB620 The Pacific Since 1945 (not on offer in 2001)

HUB626 Contemporary South East Asia

HUB628 Modern Japan (not on offer in 2001)

HUB629 Modern China

HUB633 Sex & Drugs in South East Asia (not on offer in 2001)

HUB720 Europe Since 1945 (not on offer in 2001)

HUB954 Independent Project (may be taken in-country or with an international agency)

Geography & Development Studies

HUB202 World Regions

HUB617 Women, Aid & Development

Applied Ethic Studies

HUB601 Human Identity & Change

HUB757 Ethics, Technology & the Environment

Sociology & Political Studies

HUB134 Political Sociology

HUB135 Ethnicity & Nationalism (not on offer in 2001)

HUB138 Identities: The Body, Technology & Cyberspace (not on offer in 2001)

⁴ These units have been re-coded. Continuing students should check with the School of Humanities and Social Science to avoid unit incompatibility.

HUB139 Postmodernism & Its Critics
 HUB752 The Just Society
 HUB800 Politics & Markets
 HUB802 Politics & Social Contact

Literary & Cultural Studies

HUB725 20th Century Literature & Culture

Minor

Two compulsory units
 plus two units from the above list

OR

You can combine units in International & Global Studies with language studies in Indonesian, Japanese, Mandarin, French or German as either a major or minor sequence.

As a major – 4 units of Language & 3 units of International & Global Studies

As a minor – 2 units of Language & 2 units of International & Global Studies

* The International and Global Studies major will be offered in 2001 subject to final approval.

□ Languages

FRENCH – six units from the following:

HUB670 French 1
 HUB671 French 2
 HUB672 French 3
 HUB673 French 4
 HUB674 French 5
 HUB675 French 6
 HUB678 French 7
 HUB677 French 8
 HUB679 French 9
 HUB731 French 10
 HUB452 French for the Tourism Industry

Discipline unit (compulsory):

HUB722 Foundations of Modern Europe

GERMAN – six units from the following:

HUB735 German 1
 HUB736 German 2
 HUB737 German 3
 HUB738 German 4
 HUB739 German 5
 HUB740 German 6
 HUB741 German 7
 HUB742 German 8

Discipline unit (compulsory):

HUB722 Foundations of Modern Europe

INDONESIAN – six units from the following:

HUB650 Indonesian 1
 HUB651 Indonesian 2
 HUB652 Indonesian 3
 HUB653 Indonesian 4
 HUB654 Indonesian 5
 HUB655 Indonesian 6
 HUB656 Indonesian 7

HUB657 Indonesian 8

Discipline unit (compulsory):

HUB626 Contemporary Southeast Asia

JAPANESE – six units from the following:

HUB660 Japanese 1
 HUB661 Japanese 2
 HUB662 Japanese 3
 HUB663 Japanese 4
 HUB664 Japanese 5
 HUB665 Japanese 6
 HUB666 Japanese 7
 HUB667 Japanese 8

Discipline unit (compulsory):

HUB220 Windows on Japan

HUB628 Modern Japan (not on offer in 2001)

MANDARIN

HUB450 Mandarin for Chinese 1
 HUB451 Mandarin for Chinese 2 (not on offer in 2001)
 HUB453 Introductory Mandarin 1
 HUB454 Introductory Mandarin 2

Overseas Units – all languages

HUB646 International Intensive Program
 HUB647 International Summer School or equivalent
 HUB648 In-country Study – A (1 semester)
 HUB641 In-country Study – B (1 semester)

□ Literary and Cultural Studies

Course foundation unit (compulsory):

HUB716 Introduction to Literary & Cultural Studies

Discipline studies unit – six units from the following:

Australian Writing

HUB701 Indigenous Australian Writing
 HUB710 Australian Literature & Culture
 HUB711 Australian Women's Writing (not on offer in 2001)
 HUB712 Australian Children's & Adolescent Fiction

World Writing

HUB625 North American Literature
 HUB724 Nineteenth Century English Literature & Culture
 HUB725 Twentieth Century English Literature & Culture
 HUB729 Shakespeare & the Modern World
 HUB730 Gender & Representation

Advanced seminar (for third year and honours students):

HUB704 Advanced Seminar in Indigenous Film & Text (not on offer in 2001)

Political Studies

Course foundation unit (compulsory):

HUB694 Australian Politics

Compulsory discipline studies unit:

HUB126 Political Behaviour⁴

⁴ These units have been re-coded. Continuing students should check with the School of Humanities and Social Science to avoid unit incompatibility.

Discipline studies units – five units from the following:

- HSB231 Social Policy Processes
- HUB222 Issues in International & Global Studies
- HUB682 Social Movements in Australia
- HUB703 Indigenous Politics & Political Culture
- HUB752 The Just Society
- HUB772 Political Ideologies
- HUB800 Politics & the Social Contract
- HUB802 Politics & Social Change in Human Services
- HUB130 Survey Methods⁴
- HUB134 Political Sociology⁴
- HUB135 Ethnicity & Nationalism⁴ (not on offer in 2001)

Sociology

Course foundation unit (compulsory):

- HUB120 Introduction to Sociology⁴

Discipline studies units – six from the following:

- HUB130 Survey Methods⁴
- HUB133 Sociological Theory⁴
- HUB139 Postmodernism & its Critics⁴
- HUB140 Qualitative Research Methods⁴
- HUB121 Social Inequality & Difference in Australia⁴ (not on offer in 2001)
- HUB127 Sociology of Health & Illness⁴
- HUB128 Social & Cultural Aspects of Health & Illness⁴ (not on offer in 2001)
- HUB131 Sex, Gender & Society⁴
- HUB134 Political Sociology⁴
- HUB135 Ethnicity & Nationalism⁴ (not on offer in 2001)
- HUB136 Sociology of Contemporary Europe⁴ (not on offer in 2001)
- HUB141 Social Science & Health Care⁴
- HUB150 Sociology of Crime & Deviance⁴
- HUB138 Identities: The Body, Technology & Cyberspace (not on offer in 2001)⁴
- HUB132 Cultural Studies
- HUB145 Virgins, Saints & Sinners
- HUB223 Issues in International & Global Studies

MINOR STUDY SEQUENCES

European Studies

Course foundation unit (compulsory):

- HUB722 Foundations of Modern Europe

Discipline studies unit – three units from the following:

European Histories

- HUB723 War & Revolution in Europe 1914-1945 (not on offer in 2001)
- HUB743 Nations & Nationalism in Modern Europe (not on offer in 2001)
- HUB722 Foundations of Modern Europe

European Literature

- HUB724 Nineteenth Century English Literature & Culture
- HUB729 Shakespeare & the Modern World
- HUB725 Twentieth Century English Literature & Culture

Pre Modern Histories

- HUB745 Classical World – Greece (not on offer in 2001)
- HUB721 Classical World – Rome
- HUB744 Medieval Europe

Indigenous Studies

Course foundation unit (compulsory):

- HUB700 Indigenous Australian Culture Studies

Discipline studies unit:

- HUB703 Indigenous Politics & Political Culture
- HUB701 Indigenous Australian Writing

Advanced seminar (for third year and honours students):

- HUB704 Advanced Seminar in Indigenous Film & Text (not on offer in 2001)

■ Bachelor of Arts (Creative Writing Production) MJ20

Bachelor of Arts (Film and Television Production) (MJ20)

Bachelor of Arts (Journalism) (MJ20)

Bachelor of Arts (Media Studies) (MJ20)

Location: Gardens Point campus

Course Duration: 3 years full-time

Total Credit Points: 288

Standard Credit Points/Full-time Semester: 48

Discipline Coordinator:

Creative Writing Production: Associate Professor Philip Neilsen

Film and Television Production: Mr John Hookham

Journalism: Mr Lee Duffield

Media Studies: Dr Gary MacLennan

Course Requirements

Students must complete two faculty foundation units, a school core of six units and one of the major study strands offered by the School of Media and Journalism. They may choose to complete one or more minor study sequences or a range of 12 credit point elective units.

Faculty Foundation Units

2 from 5 units with none designated by major:

- MJB140 Media & Society
- AAB051 Arts in Society
- HUB600 Australian Society & Culture
- HSB002 Introduction to Human Rights
- HUB687 Contemporary Moral Issues *

⁴ These units have been re-coded. Continuing students should check with the School of Humanities and Social Science to avoid unit incompatibility.

- HUB331 Asian Identities *
 PYB007 Interpersonal Skills & Processes

* offered in alternate years

School Core Units

6 from 8 units with up to 3 designated by major (choose from those units not already in your major core):

- MJB111 Media Writing
 MJB120 Newswriting
 MJB155 Media Production
 MJB204 Media Industries & Issues
 MJB250 Introduction to Creative Writing
 MJB275 Media Legal Issues
 MJB380 Non-fiction Creative Writing
 MJB336 New Media Technologies

CREATIVE WRITING PRODUCTION (CWP)

Full-time Structure

Year 1, Semester 1

- MJB111 Media Writing (school core unit)
 MJB155 Media Production (school core unit)
 MJB250 Introduction to Creative Writing
 Faculty foundation unit

Year 1, Semester 2

- MJB350 Creative Writing & Publishing
 MJB120 Newswriting (school core unit)
 Faculty foundation unit
 Elective

Year 2, Semester 1

- MJB229 Film & Television Scriptwriting
 MJB224 Feature Writing
 Elective
 Elective

Year 2, Semester 2

- HUB712 Australian Children's & Adolescent Fiction
 MJB322 Sub-editing & Layout
 MJB380 Non-fiction Creative Writing
 School core unit

Year 3, Semester 1

- MJB370 Electronic Creative Writing
 School core unit
 Elective
 Elective

Year 3, Semester 2

- MJB395 Creative Writing Project
 MJB399 Professional Issues in Creative Writing
 School core unit
 Elective

Part-time Structure

Year 1, Semester 1

- MJB250 Introduction to Creative Writing
 Faculty foundation unit

Year 1, Semester 2

- MJB111 Media Writing (school core unit)
 Faculty foundation unit

Year 2, Semester 1

- MJB350 Creative Writing & Publishing
 MJB155 Media Production (school core unit)

Year 2, Semester 2

- MJB229 Film & Television Scriptwriting
 Elective

Year 3, Semester 1

- MJB120 Newswriting (school core unit)
 School core unit

Year 3, Semester 2

- MJB224 Feature Writing
 Elective

Year 4, Semester 1

- School core unit
 Elective

Year 4, Semester 2

- HUB712 Australian Children's & Adolescent Fiction
 MJB322 Sub-editing & Layout

Year 5, Semester 1

- MJB370 Electronic Creative Writing
 Elective

Year 5, Semester 2

- School core unit
 MJB399 Professional Issues in Creative Writing

Year 6, Semester 1

- Elective
 Elective

Year 6, Semester 2

- MJB395 Creative Writing Project
 MJB380 Non-fiction Creative Writing

FILM AND TELEVISION PRODUCTION MAJOR (FTV)

Full-time Structure

Year 1, Semester 1

- MJB111 Media Writing (school core unit)
 MJB155 Media Production (school core unit)
 Faculty foundation unit
 Elective

Year 1, Semester 2

- MJB185 Informational Production
 Faculty foundation unit
 School core unit
 Elective

Year 2, Semester 3

- MJB190 Creative Production
 MJB250 Introduction to Creative Writing (school core unit)
 Elective

Year 2, Semester 4

- MJB265 Corporate Production
 MJB358 Documentary Theory & Practice
 Elective

Year 3, Semester 5

- MJB360 Documentary Production
 MJB268 Film & Television Drama Practice
 School core unit

Year 3, Semester 6

MJB270 Drama Production
School core unit
Elective

JOURNALISM MAJOR (JOU)

Professional Recognition

This degree is recognised by the Media Entertainment and Arts Alliance.

Full-time Structure

Year 1, Semester 1

MJB101 Journalism Information Systems
MJB120 Newswriting (school core unit)
Faculty foundation unit
School core unit

Year 1, Semester 2

MJB121 Journalistic Inquiry
MJB180 Speech Communication for Journalists
MJB275 Media Legal Issues (school core unit)
Faculty foundation unit

Year 2, Semester 1

MJB224 Feature Writing
MJB239 Journalism Ethics & Issues
MJB155 Media Production (school core unit)
Elective

Year 2, Semester 2

MJB232 Radio & Television Journalism 1
School core unit
School core unit
Elective

Year 3, Semester 1

MJB322 Sub-editing & Layout
MJB338 Radio & Television Journalism 2
Elective
Elective

Year 3, Semester 2

MJB303 News Production
MJB337 Public Affairs Reporting
Elective
Elective

MEDIA STUDIES MAJOR (MES)

Full-time Structure

Year 1, Semester 1

MJB130 Media Text Analysis
MJB141 Film & Television Language
MJB204 Media Industries & Issues (school core unit)
Faculty foundation unit

Year 1, Semester 2

MJB147 Film & Television Genres
Faculty foundation unit
School core unit
School core unit

Year 2, Semester 1

MJB233 Television Cultures
MJB209 Australian Television
School core unit
Elective

Year 2, Semester 2

MJB336 New Media Technologies (school core unit)
School core unit
Elective

Plus one of the following units:

MJB305 American Film & Society
MJB358 Documentary Theory & Practice

Year 3, Semester 1

MJB343 Australian Film
MJB349 Media Audiences
Elective
Elective

Year 3, Semester 2

MJB348 Applied Media Studies
Elective
Elective

Plus one of the following units:

MJB307 Feminist Media Studies
MJB344 European Cinema
MJB311 Asian Film & Media

Part-time Course Structure

Year 1, Semester 1

MJB130 Media Text Analysis
Faculty foundation unit

Year 1, Semester 2

MJB147 Film & Television Genres
Faculty foundation unit

Year 2, Semester 1

MJB141 Film & Television Language
MJB204 Media Industries & Issues (school core unit)

Year 2, Semester 2

School core unit
School core unit

Year 3, Semester 1

MJB233 Television Cultures
MJB209 Australian Television

Year 3, Semester 2

MJB336 New Media Technologies (school core unit)
School core unit

Year 4, Semester 1

Elective
Elective

Year 4, Semester 2

School core unit

Plus one of the following units:

MJB305 American Film & Society
MJB358 Documentary Theory & Practice

Year 5, Semester 1

MJB343 Australian Film
Elective

Year 5, Semester 2

Elective

Plus one of the following units:

MJB307 Feminist Media Studies
MJB311 Asian Film & Media
MJB344 European Cinema

Year 6, Semester 1

MJB349 Media Audiences
Elective

Year 6, Semester 2

MJB348 Applied Media Studies
Elective

MINOR

A minor in Creative Writing is available by completing four units as follows:

MJB229 Film & Television Scriptwriting
MJB250 Introduction to Creative Writing
MJB350 Creative Writing & Publishing
MJB380 Non-fiction Creative Writing

□ Academy of the Arts Open Electives

The following electives have no prerequisites and are available to students from other faculties in the University:

Semester 1

AAB051 Arts in Society
AAB053 Gender Issues in the Visual & Performing Arts
AAB064 Visual & Performing Arts of Asia
AAB125 Dance Analysis & Dance Histories
AAB208 Elements of Drama
AAB253 Theatre History: Staging Australia
AAB447 Drawing
AAB457 Sculpture
AAB507 Painting
AAB619 Introduction to Music Technology
AAB631 World Music
AAB638 Sound and Image
AAB648 The Australian Music Scene
AAB701 Modernism
AAB726 Introduction to the History of Art
AAB818 Introduction to Multimedia Technology
AAP503 Clay Materials
AAP509 Photographic Media
AAP511 Printmaking

Semester 2

AAB051 Arts in Society
AAB063 The Arts Environment
AAB176 Jazz and Popular Dance Styles
AAB444 Visual Arts of Asia
AAB447 Drawing
AAB457 Sculpture
AAP511 Printmaking
AAB619 Introduction to Music Technology
AAB640 Sex, Drugs Rock n Roll
AAB818 Introduction to Multimedia Technology
AAP503 Clay Materials
AAP507 Painting
AAP509 Photographic Media

■ Bachelor of Arts (Communication Design) (AA81)

Location: Kelvin Grove campus

Course Duration: 3 years full-time

Total Credit Points: 288

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Mr Gavin Sade

Course Structure

□ *Animation and Visualisation Specialisation*

Year 1, Semester 1

Faculty foundation unit (choose two unit from List A)

AAB807 Media Technology 1

AAB801 Foundations of Communication Design 1
OR

AAB755 Foundations of Drawing for Animation 1

Year 1, Semester 2

AAB063 The Arts Environment

AAB808 Media Technology 2

AAB802 Foundations of Communication Design 2
OR

AAB756 Foundations of Drawing for Animation 2

AAB825 The History of Animation
OR

AAB814 Applications of Design Technology

Year 2, Semester 1

Discipline elective unit (Choose from List B)

Communication Design compulsory units
(Choose three from List C)

Year 2, Semester 2

SSB057 Applied Cognitive Psychology

Communication Design compulsory unit
(Choose one from List C)
Electives

Year 3, Semester 1

AAB805 Design Studio 3

Communication Design compulsory unit
(Choose one from List D)
Electives

Year 3, Semester 2

AAB806 Design Studio 4

Communication Design compulsory units
(Choose one from List D)
Electives

List A: Faculty Foundation Units

AAB051 Arts in Society

HUB600 Australian Society & Culture

HUB687 Contemporary Moral Issues

MJB140 Media & Society

HSB002 Introduction to Human Rights

PYB007 Interpersonal Skills & Processes

List B: Discipline Elective Units

AAB053 Gender Issues in the Visual & Performing Arts

AAB064 Visual & Performing Arts of Asia

AAB125 Dance Analysis & Dance Histories

- AAB253 Theatre History: Staging Australia
- AAB631 World Music
- AAB726 Introduction to the History of Art

List C: Communication Design Compulsory Units (second year students)

- AAB803 Design Studio 3
- AAB804 Design Studio 2
- AAB809 Media Technology 3
- AAB810 Media Technology 4
- AAB816 Interactive Writing
- AAB626 Music & Sound for Multimedia

List D: Communication Design Compulsory Units (third year students)

- AAB056 Professional Studies
- AAB813 Contemporary Issues

Students majoring in Communication Design are required to successfully complete all units in List C and List D.

Electives can be selected from anywhere across the university as long as the student has the required prerequisites.

When selecting units from other schools of faculties it is suggested that students make contact with the unit coordinator before enrolling.

Communication Design Electives

Semester 1

- AAB055 Professional Practice*
- AAB815 Experimental Multimedia
- AAB817 Software Development & Project Management
- AAB818 Introduction to Multimedia Technology
- AAB819 Electronic Publishing
- AAB820 Advanced 3D Animation
- AAB821 Virtual Reality
- AAB822 Interactive Digital Video
- AB823 Advanced Design Project

Semester 2

- AAB055 Professional Practice*
- AAB815 Experimental Multimedia
- AAB817 Software Development & Project Management
- AAB818 Introduction to Multimedia Technology
- AAB819 Electronic Publishing
- AAB823 Advanced Design Project

* Subject to approval by course coordinator

■ Bachelor of Arts (Dance) (AA11)

Location: Kelvin Grove campus

Course Duration: 3 years full-time

Total Credit Points: 288

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Mr Evan Jones

Course Structure

OPEN STRAND

Year 1, Semester 1

- Faculty foundation unit (List A)
- AAB125 Dance Analysis & Dance Histories
- AAB180 Dance Technique Studies 1
- AAB171 Theatre Dance Styles

Year 1, Semester 2

- AAB063 The Arts Environment
- AAB100 Dance Composition 1
- AAB106 The Analysis of Modern Dance
- AAB181 Dance Technique Studies 2

Year 2, Semester 1

- Faculty foundation unit (List A)
- Discipline elective unit (List B)
- AAB189 Dance Composition 2
- AAB182 Dance Technique Studies 3

Year 2, Semester 2

- AAB056 Professional Studies
- AAB176 Jazz and Popular Dance
- AAB183 Dance Technique Studies 4
Elective

Year 3, Semester 1

- Select three of the following four units
- AAB053 Gender Issues in the Visual & Performing Arts
 - AAB058 Arts Research**
 - AAB117 Dance in Education
 - AAB158 Advanced Composition 1
 - AAB171 Theatre Dance Styles
- plus: Elective

Year 3, Semester 2

- AAB056 Professional Studies
 - AAB114 Dance in Australian Society**
 - AAB172 World Dance
- Select one of the following three units:
- AAB065 Dance and Theatre of Asia
 - AAB159 Dance and Technology
Elective

PERFORMANCE STRAND

Year 1, Semester 1

- Faculty foundation unit (List A)
- AAX104 Architecture of the Body
- AAX111 Repertoire & Practice Period 1*
- AAX137 Dance Technique 1*

Year 1, Semester 2

- AAB063 The Arts Environment
- AAX112 Repertoire & Practice Period 2*
- AAX138 Dance Technique 2*
- AAX143 Dance Composition 1

Year 2, Semester 1

- Faculty foundation unit (List A)
- AAX139 Dance Technique 3*
- AAX141 Repertoire and Practice Period 3*

- Choose one of the following
- AAB171 Theatre Dance Styles
Elective

Year 2, Semester 2

AAB056	Professional Studies
AAB100	Dance Composition 1
AAX140	Dance Technique 4*
AAX142	Repertoire and Practice Period 4*

Year 3, Semester 1

AAB189	Dance Composition 2
AAX141	Repertoire & Practice Period 3* Elective

Choose one of the following units

AAB065	Dance and Theatre of Asia
AAB171	Theatre Dance Styles
AAB011	Music Theatre Skills
AAB058	Arts Research**

Year 3, Semester 2

AAB056	Professional Studies
AAX144	Dance Composition 2
AAX142	Repertoire & Practice Period 4*

Choose one of the following units

AAB172	World Dance
AAB012	Music Theatre Project Elective

List A: Faculty Foundation Units

AAB051	Arts in Society
HUB600	Australian Society and Culture
HUB687	Contemporary Moral Issues
MJB140	Media & Society
HSB002	Introduction to Human Rights
PYB007	Interpersonal Skills and Processes

List B: Discipline Elective units

AAB064	Visual & Performing Arts of South East Asia
AAB253	Theatre History 3 – Australian Theatre
AAB631	World Music
AAB726	Introduction to Art History

Academy of the Arts Elective units**Semester 1**

AAB053	Gender Issues in the Visual and Performing Arts
AAB055	Professional Practice [#]
AAB057	Independent Study [#]
AAB058	Arts Research**
AAB062	Arts Event Promotion & Public Relations

Semester 2

AAB055	Professional Practice [#]
AAB056	Professional Studies
AAB057	Independent Study [#]
AAB061	Arts Business Management
AAB065	Dance and Theatre of Asia

* Designated unit

** Honours prerequisite

[#] Available to third year students with a GPA of 5.0 or more

Students may also choose electives from other Academy programs or elsewhere in the University.

■ Bachelor of Arts (Dance) (La Salle College) (AA12)

Location: Offshore course only available at LASALLE-SIA College of the Arts, Singapore to graduates of LASALLE-SIAs Diploma in Contemporary Dance

Course Duration: 1 year full-time

Total Credit Points: 96

Annual and Semester Credit Points: Full-time only 48 credit points per semester

Course Coordinators:

Australia: Ms Jill Standfield at Academy of the Arts, Kelvin Grove campus

Singapore: LASALLE-SIA College of the Arts

Course Requirements**Semester 1**

AAZ051	Arts in Society
AAZ055	Professional Practice
AAZ180	Dance Technique Studies 1
AAZ117	Dance in Education

Semester 2

AAZ181	Dance Technique Studies 2
AAZ158	Advanced Composition
AAZ255	Production 1

The course in Singapore is prescribed and no elective choices are available.

■ Bachelor of Arts (Drama) (AA21)

Location: Kelvin Grove campus

Course Duration: 3 years full-time

Total Credit Points: 288

Strand Coordinators:

Acting: Ms Dianne Eden

Technical Production: Mr Stafford Mortensen

Theatre Studies: Dr Paul Makeham

Course Structure**ACTING****Year 1, Semester 1**

Faculty foundation units (choose two units from List A after consultation with Head of Acting)

AAB202	Acting 1*
AAB204	Voice & Movement 1

Year 1, Semester 2

AAB063	The Arts Environment
AAB203	Acting 2*
AAB205	Voice & Movement 2
AAB251	Theatre History: Significant Trends in 20th Century

Year 2, Semester 1

Discipline elective unit (choose one unit from List B after consultation with Head of Acting)

- AAB011 Music Theatre Skills
- AAB233 Voice & Movement 3
- AAB247 Acting 3*

Year 2, Semester 2

- AAB012 Music Theatre Project
- AAB234 Voice & Movement 4
- AAB248 Acting 4*
- AAB271 Studies in Directing

Year 3, Semester 1

- AAB235 Voice & Movement 5
- AAB253 Theatre History: Staging Australia
- AAB255 Theatre Production 1

Year 3, Semester 2

- AAB056 Professional Studies
- AAB256 Theatre Production 2

TECHNICAL PRODUCTION & MANAGEMENT

Year 1, Semester 1

Faculty foundation units (List A)

- AAB274 Theatrecraft
- AAB289 Technical Production 1

Year 1, Semester 2

- AAB063 The Arts Environment
- AAB251 Theatre History: Significant Trends in 20th Century
- AAB292 Stage Management 1
- AAB621 Sound Recording & Acoustic Design

Year 2, Semester 1

Discipline elective unit (List B)

- AAB253 Theatre History: Staging Australia
- AAB290 Technical Production 2
- AAB293 Stage Management 2

Year 2, Semester 2

- AAB061 Arts Business Management
- AAB271 Studies in Directing
- AAB276 Visual Theatre – Design
- AAB291 Technical Production 3

Year 3, Semester 1

Strand elective (List C)

- AAB255 Theatre Production 1
- AAB294 Stage Management 3

Year 3, Semester 2

- AAB056 Professional Studies
- AAB256 Theatre Production 2

THEATRE STUDIES

Year 1, Semester 1

Faculty foundation unit (List A)

- AAB259 The Performance Instrument: Body & Voice
- AAB257 Studies in Acting 1
- AAB252 Theatre History: Sound of Theatre

Year 1, Semester 2

- AAB063 The Arts Environment
- AAB251 Theatre History: Significant Trends in 20th Century

- AAB273 Performance 1
- AAB271 Studies in Directing

Year 2, Semester 1

Discipline elective unit (List B)

- OR
Elective
- AAB214 Process Drama
- AAB252 Theatre History: The Sound of Music
- AAB278 Technical Theatre

Year 2, Semester 2

- AAB271 Studies in Directing
- AAB304 Forming Knowledge
- AAB308 Performance 2
Elective

Year 3, Semester 1

- AAB058 Arts Research
OR
Elective
OR discipline elective unit (List B)
- AAB253 Theatre History: Staging Australia
Elective units

Year 3, Semester 2

- AAB272 Drama and Community Cultural Development
Elective units

Note: Discipline elective units must be taken in either Year 2, Semester 1 or Year 3, Semester 1.

List A: Faculty Foundation Units

- AAB051 Arts in Society
- HUB600 Australian Society & Culture
- HUB687 Contemporary Moral Issues
- MJB140 Media & Society
- HSB002 Introduction to Human Rights
- PYB007 Interpersonal Skills & Processes

List B: Discipline Elective Units

- AAB064 Visual & Performing Arts of South East Asia
- AAB125 Dance Analysis & Dance Histories
- AAB631 World Music
- AAB726 Introduction to the History of Art

List C: Strand Elective

- AAB062 Arts Event Promotion & Public Relations
- AAB621 Sound, Recording & Acoustic Design
- AAB252 Theatre History: The Sound of Theatre
- AAB275 Understanding Theatre
- AAB306 Directing for Theatre*

Drama Electives

Semester 1

- AAB278 Technical Theatre
- AAB208 Elements of Drama**
- AAB306 Directing for Theatre**
- AAB310 Acting 3
- AAB277 Physical Theatre

Semester 2

- AAB276 Visual Theatre – Design
- AAB278 Technical Theatre
- AAB258 Studies in Acting 2
- AAB275 Understanding Theatre
- AAB280 Drama as Social Action

AAB307 Writing for Performance
 AAB309 Performance 3**

Academy of the Arts Electives

Semester 1

AAB053 Gender Issues in the Visual & Performing Arts
 AAB055 Professional Practice#
 AAB057 Independent Study#
 AAB058 Arts Research ***
 AAB062 Arts Event Promotion & Public Relations
 AAB064 Visual & Performing Arts of South-East Asia

Semester 2

AAB055 Professional Practice#
 AAB057 Independent Study#
 AAB061 Arts Business Management
 AAB065 Dance and Theatre of Asia

* Designated unit.

** Available to third year students only.

*** Honours prerequisite.

Available to final year students with a grade point average of 5.0 or above.

■ Bachelor of Arts (Drama) (La Salle College) (AA22)

Location: Offshore course only available at LASALLE-SIA College of the Arts, Singapore.

Course Duration: 3 years full-time

Total Credit Points: 288

Semester Credit Points: 48

Course Coordinators:

Australia: Ms Jill Standfield, Academy of the Arts

Singapore: Mr Jeffery Tan at LASALLE-SIA College of the Arts

Course Structure

Year 2, Semester 1

AAZ203 Acting 2
 AAZ233 Voice & Movement 3
 AAZ251 Studies in Theatre History 1
 AAZ271 Studies in Directing

Year 2, Semester 2

AAZ055 Professional Practice
 AAZ234 Voice & Movement 4
 AAZ247 Acting 3
 AAZ253 Studies in Theatre History 3

Year 3, Semester 1

AAZ216 Playwriting
 AAZ255 Theatre Production 1
 AAZ272 Drama & Community Cultural Development

Year 3 Semester 2

AAZ056 Professional Studies
 AAZ256 Theatre Production 2

The course in Singapore is prescribed and no elective choices are available.

■ Bachelor of Arts (Visual Arts) (AA71)

Location: Kelvin Grove campus

Course Duration: years full-time

Total Credit Points: 288

Standard Credit Points/Full-time semester: 48

Course Coordinator: Ms Victoria Garnons-Williams

Course structure

Year 1, Semester 1

Faculty foundation unit (List A)
 AAB726 Introduction to the History of Visual Art
 AAB740 Studio Art Practice 1*

Year 1, Semester 2

AAB063 The Arts Environment
 AAB741 Studio Art Practice 2*
 Elective

Year 2, Semester 1

Faculty foundation unit (List A)
 Discipline elective unit (List B)
 AAB742 Studio Art Practice 3*

Year 2, Semester 2

AAB056 Professional Studies
 AAB701 Modernism
 AAB743 Studio Art Practice 4*

Year 3, Semester 1

AAB058 Arts Research**
 OR
 Elective

AAB712 Contemporary Art Issues**
 AAB744 Studio Art Practice 5

Year 3, Semester 2

AAB745 Studio Art Practice 6**
 Electives

List A: Faculty Foundation Units

AAB051 Arts in Society
 HUB600 Australian Society & Culture
 HUB687 Contemporary Moral Issues
 MJB140 Media & Society
 HSB002 Introduction to Human Rights
 PYB007 Interpersonal Skills & Processes

List B: Discipline Elective Units

AAB064 Visual & Performing Arts of Asia
 AAB125 Dance Analysis & Dance Histories
 AAB253 Theatre History: Staging Australia
 AAB631 World Music

Visual Arts Studio Electives (offered both semesters)

AAB447 Drawing
 AAB457 Sculpture
 AAB818 Introduction to Multi-media Technology
 AAP503 Clay Materials
 AAP507 Painting
 AAP509 Photographic Media
 AAP511 Printmaking

Extended Studio Electives

- AAB751 Extended Studio Practice 1
- AAB752 Extended Studio Practice 2
- AAB753 Extended Studio Practice 3
- AAB754 Extended Studio Practice 4

Visual Arts Theory Electives

Semester 2

- AAB444 Visual Arts of Asia
- AAB728 Readings in Feminism & Visual Arts

In addition to QUT units, arrangements exist for cross-institutional enrolments in Art History and Theory subjects offered by The University of Queensland. Contact the course coordinator for details.

Academy of the Arts Electives

Semester 1

- AAB053 Gender Issues in the Visual & Performing Arts
- AAB055 Professional Practice[#]
- AAB057 Independent Study[#]
- AAB058 Arts Research^{**}
- AAB062 Arts Event Promotion & Public Relations

Semester 2

- AAB055 Professional Practice[#]
- AAB057 Independent Study[#]
- AAB061 Arts Business Management
- AAB065 Dance and Theatre of Asia

* Designated units are compulsory units which result in the development of particular skills and abilities. A satisfactory level of performance in a designated unit is a grade of 3 or higher, or S-Satisfactory. This level of achievement is required for successful completion of this course. See Student Rules for more details.

** Honours prerequisite.

[#] Available to third year students with a GPA of 5.0 or more.

Students may also choose electives from other Academy programs or elsewhere in the University.

■ Bachelor of Music (AA91)

Location: Kelvin Grove campus

Course Duration: 3 years full-time

Total Credit Points: 288

Standard Credit Points/Full-time semester: 48

Course Coordinator: Ms Sue Forster

Course Structure

Year 1, Semester 1

- AAB641 Principal Studies A^{**}
- AAB632 Core Musicianship 1
- AAB621 Sound, Recording & Acoustic Design
Faculty foundation unit (List A)

Year 1, Semester 2

- AAB642 Principal Studies B^{**}
- AAB633 Core Musicianship 2
- AAB630 Music Textures
- AAB063 The Arts Environment

Year 2, Semester 1

- AAB643 Principal Studies C
- AAB634 Contemporary Musicianship 1 (Art Music)
OR
- AAB636 Contemporary Musicianship 3 (Cross-Cultural)
Faculty foundation unit (List A)
Music elective (List C)

Year 2, Semester 2

- AAB644 Principal Studies D
- AAB635 Contemporary Musicianship 2 (Sound Media)
OR
- AAB637 Contemporary Musicianship 4 (Jazz and Popular)
Elective

Year 3, Semester 1

- AAB645 Principal Studies E
OR
- Music electives (List C)
- AAB058 Arts Research^{*}
OR
- Elective
Discipline elective unit (List B)

Year 3, Semester 2

- AAB646 Principal Studies F
OR
- Music electives (List C)
- AAB817 Software Development & Project Management^{*}
OR
- Music elective (List C)
- AAB056 Professional Studies

List A: Faculty Foundation Units

- AAB051 Arts in Society
- HUB600 Australian Society & Culture
- HUB687 Contemporary Moral Issues
- MJB140 Media & Society
- HSB002 Introduction to Human Rights
- PYB007 Interpersonal Skills & Processes

List B: Discipline Elective units

- AAB064 Visual & Performing Arts of South East Asia
- AAB125 Dance Analysis & Dance Histories
- AAB253 Theatre History: Staging Australia
- AAB726 Introduction to the History of Art

List C: Music Electives

Semester 1

- AAB011 Music Theatre Skills
- AAB616 Ensemble Project 1 (year-long unit)
- AAB617 Choral & Instrumental Arranging
- AAB618 Composition for Film & Television
- AAB622 Second Study 1 (year-long unit)
- AAB626 Music & Sound for Multimedia
- AAB628 Second Study 2 (year-long unit)
- AAB629 Ensemble Project 2 (year-long unit)

AAB631	World Music
AAB634	Contemporary Musicianship 1 (Art Music)
AAB636	Contemporary Musicianship 3 (Cross Cultural)
AAB638	Sound & Image
AAB639	Music Directing (year-long unit)
AAB648	The Australian Music Scene

Semester 2

AAB012	Music Theatre Project
AAB620	Popular Song Writing
AAB623	Conducting 1
AAB626	Music & Sound for Multi-media
AAB635	Contemporary Musicianship 2 (Sound Media)
AAB637	Contemporary Musicianship 4 (Jazz & Popular)
AAB640	Sex, Drugs, Rock n Roll (The Interaction of Society & Music of our Time)
AAB648	The Australian Music Scene

Note: Up to four electives may be taken from other Academy disciplines or from elsewhere in the University.

Academy Electives**Semester 1**

AAB053	Gender Issues in the Visual & Performing Arts
AAB055	Professional Practice [#]
AAB057	Independent Study [#]
AAB058	Arts Research
AAB062	Art Event Promotion & Public Relations
AAB053	Gender Issues in the Visual & Performing Arts

Semester 2

AAB055	Professional Practice [#]
AAB056	Professional Studies
AAB057	Independent Study [#]
AAB061	Arts Business Management
AAB065	Dance & Theatre of Asia

[#] Available to third year students only.

^{*} Please note: either AAB058 or AAB817 must be taken as a prerequisite for Honours.

^{**} Designated unit See Student Rules for details.

Students may also choose electives from other Academy programs or elsewhere in the University.

■ Bachelor of Psychology (PY07)

Location: Carseldine campus

Course Duration: 3 years full-time, 6 years part-time

Total Credit Points: 288

Course Coordinator: Mr Jeremy Davey

Course requirements relating to faculty foundation units and undergraduate degrees

All Faculty of Arts bachelor degree courses will contain faculty foundation units as part of their requirements. Commencing students will be required to complete TWO faculty foundation units.

Faculty Foundation Units

AAB051	Arts in Society
HUB600	Australian Society & Culture
HUB687	Contemporary Moral Issues
HSB002	Introduction to Human Rights
MJB140	Media & Society
PYB007	Interpersonal Processes & Skills

Full-time Course Structure**Year 1, Semester 1**

HUB120	Introduction to Sociology 1A: Australian Perspectives
PYB101	Introduction to Psychology 1A
PYB000	Scholarship & Skills – Psychology Faculty foundation unit

Year 1, Semester 2

PYB110	Psychological Research Methods
PYB102	Introduction to Psychology 1B Faculty foundation unit First year elective

Year 2, Semester 1

PYB208	Counselling Theory & Practice 1
PYB205	Social Psychology
PYB210	Research Design & Data Analysis Elective

Year 2, Semester 2

PYB201	Perception
PYB203	Developmental Psychology Elective Elective

Year 3, Semester 1

PYB303	Cognitive Psychology
PYB304	Physiological Psychology
PYB302	Industrial & Organisational Psychology Elective

Year 3, Semester 2

PYB306	Personality & Psychopathology
PYB311	Psychological Assessment Elective Elective ⁵

Part-time Course Structure**Year 1, Semester 1**

PYB000	Scholarship & Skills – Psychology
PYB101	Introduction to Psychology 1A

Year 1, Semester 2

PYB102	Introduction to Psychology 1B Faculty foundation unit
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⁵ PYB350 is compulsory for progression to the Bachelor of Psychology (Honours) program. Otherwise another elective must be taken.

Year 2, Semester 1

HUB120 Introduction to Sociology 1A: Australian Perspective
Faculty foundation unit

Year 2, Semester 2

PYB110 Psychological Research Methods
Any first year elective

Year 3, Semester 1

PYB205 Social Psychology
PYB210 Research Design & Data Analysis

Year 3, Semester 2

PYB201 Perception
PYB203 Developmental Psychology

Year 4, Semester 1

PYB208 Counselling Theory & Practice 1
Elective

Year 4, Semester 2

Elective
Elective

Year 5, Semester 1

PYB303 Cognitive Psychology
Elective

Year 5, Semester 2

PYB306 Personality & Psychopathology
PYB311 Psychological Assessment

Year 6, Semester 1

PYB302 Industrial & Organisational Psychology
PYB304 Physiological Psychology

Year 6, Semester 2

Elective⁵
Elective

Elective Units

The following elective units are offered to enable diversity of choice at undergraduate and early postgraduate level and to allow innovative approaches to current and perceived community needs. However, such elective units will be offered subject to staff availability and sufficient student enrolment.

PYB050 Qualitative Research Methods
PYB054 Psychology & Gender
PYB067 Human Sexuality
PYB061 Gender & Organisations
PYB158 Introduction to Substance Abuse in Australia
PYB159 Alcohol & Other Drug Studies
PYB250 Environmental Psychology
PYB257 Group Work
PYB258 Introduction to Theory & Research in Hypnosis
PYB260 Psychopharmacology of Addictive Behaviour
PYB353 Occupational & Vocational Psychology
PYB356 Counselling Theory & Practice 2
PYB358 Advanced Developmental Psychology

PYB359 Introduction to Family Therapy
PYB360 Interventions for Addictive Behaviours
PYB371 Introduction to Road Safety
PYB372 Understanding Road User Behaviour
PYB374 Modifying Road User Behaviour
PYB350 Advanced Statistical Analysis

Note that electives are to be chosen in consultation with the course coordinator or appointed nominee/ adviser to ensure that progression rules for the degree and/or for fourth year study are followed. Up to 72 credit points of elective units can be taken from other schools or faculties. Major and minor sequences have been negotiated with Health, Science, Education, Justice, Human Services, Humanities, Business and Information Technology.

■ Bachelor of Social Science (SS60)

Location: Carseldine campus,

Course Duration: 3 years full-time; 6 years part-time

Total Credit Points: 288

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr Gavin Kendall

Course Requirements

Students are required to complete the following components of the degree:

- The first year requirements (eight units) which include
 - HUB000 Applied Skills and Scholarship
 - two faculty foundation units (see List A)
 - two to three course foundation units (see List B).
 - two to three elective units (see Lists C and D).

Note that a minimum of four of these eight units must be chosen from School of Humanities and Social Science units:

- one primary major study sequence chosen from the Social Science majors offered within the School of Humanities and Social Science (ie HUB coded units).

And, either:

- one secondary major study sequence (or two Minor Study Sequences) from those offered within the School of Humanities and Social Science (ie HUB coded units).

Or

⁵ PYB350 is compulsory for progression to the Bachelor of Psychology (Honours) program. Otherwise another elective must be taken.

- one secondary major study sequence (or up to two minor study sequences) from those offered by schools other than the School of Humanities and Social Science.

Students must ensure that:

- They maintain a 50% enrolment in the School of Humanities and Social Science units until they have completed eight units in the SS60 course; and
- A minimum of 12 of the total of 24 course units must be chosen from the School of Humanities and Social Science units.

Students who enter the course with advanced standing should discuss their enrolment with the course coordinator.

MAJOR/MINOR STUDY SEQUENCES

The School of Humanities and Social Science offers a number of major and minor study sequences:

Primary Majors*

- Applied Ethics
- Gender Studies
- Geography and Environmental Studies
- International and Global Studies
- Political Studies
- Sociology

Secondary Majors

- Asia-Pacific Studies
- History
- Languages (French, German, Indonesian, Japanese, Mandarin**)
- Literary and Cultural Studies

Minors

- European Studies
- Indigenous Studies

* Any of the majors may be taken as a minor study area.

** Mandarin is available in intensive summer program mode only followed by in-country study.

EXAMPLE COURSE STRUCTURES

TWO MAJOR OPTION

Year 1, Semester 1

Faculty foundation unit
 Course foundation unit or HUB000
 Course foundation unit (primary major)
 Elective

Year 1, Semester 2

Faculty foundation unit
 Course foundation unit or HUB000
 Course foundation unit (secondary major)
 Elective

Year 2, Semester 1

Major 1
 Major 2
 Major 2
 Elective

Year 2, Semester 2

Major 1
 Major 1
 Major 2
 Elective

Year 3, Semester 1

Major 1
 Major 1
 Major 2
 Elective

Year 3, Semester 2

Major 1
 Major 2
 Major 2
 Elective

TWO MINORS OPTION

Year 1, Semester 1

Faculty foundation unit
 Course foundation unit or HUB000
 Course foundation unit
 Elective

Year 1, Semester 2

Faculty foundation unit
 Course foundation unit or HUB000
 Course foundation unit
 Elective

Year 2, Semester 1

Major 1
 Major 1
 Minor 1
 Minor 2

Year 2, Semester 2

Major 1
 Minor 1
 Minor 2
 Elective

Year 3, Semester 1

Major 1
 Major 1
 Minor 1
 Minor 2

Year 3, Semester 2

Major 1
 Elective
 Elective
 Elective

Note that the credit points in electives can be taken as additional units in students' designated major or minor study areas. However, students must conform to the requirement to complete 12 of these 24 units in the School of Humanities and Social Science if they wish to complete additional units in major or minor study sequences outside the school.

Part-time Students

During their first year part-time students normally enrol in four units.

The following is the recommended pattern of enrolment:

- HUB000 Applied Skills and Scholarship
- two faculty foundation units (one per semester) (see List A)
- one course foundation unit (see List B) or
- one elective (see List C and List D).

LIST A – FACULTY FOUNDATION UNITS

Students must complete two faculty foundation units in first year. The following table indicates the units on offer in 2001 by semester. These units are subject to confirmation by the faculty.

Semester 1

AAB051	Arts & Society
HUB600	Australian Society & Culture
HUB687	Contemporary Moral Issues
MJB140	Media & Society
PYB007	Interpersonal Processes & Skills
HSB002	Introduction to Human Rights

Semester 2

AAB051	Arts & Society
HUB600	Australian Society & Culture
HUB687	Contemporary Moral Issues
MJB140	Media & Society
PYB007	Interpersonal Processes & Skills
HSB002	Introduction to Human Rights

LIST B – COURSE FOUNDATION UNITS

Students must complete two to three of the following entry-level units to the various majors and minors offered by the School of Humanities and Social Science.

PRIMARY MAJOR STUDY AREAS (SOCIAL SCIENCES)

- Applied Ethics**
HUB601 Human Identity & Change
- Gender Studies**
HUB760 Introduction to Gender Studies
- Geography and Environmental Studies**
HUB202 World Regions
- International and Global Studies**
HUB221 Introduction to International & Global Studies
- Political Studies**
HUB694 Australian Politics
- Sociology**
HUB120 Introduction to Sociology

SECONDARY MAJOR STUDY AREAS (HUMANITIES)

- Asia Pacific Studies**
HUB610 Approaches to Asia Pacific Studies
- History**
HUB610 Approaches to Asia Pacific Studies
HUB649 Interpreting the Past
- Literary and Cultural Studies**
HUB716 Introduction to Literary & Cultural Studies
- Languages**
All language teaching in 2001 will be scheduled on the Gardens Point campus. Students wishing to study a language other than English should select from the following:
HUB650 Indonesian 1
OR
HUB652 Indonesian 3 (for students who have completed year 12 Indonesian or Equivalent)
HUB660 Japanese 1
OR
HUB662 Japanese 3 (for students who have completed Year 12 Japanese or equivalent)
HUB670 French 1
OR
HUB672 French 3 (for students who have completed Year 12 French or equivalent)
HUB735 German 1
OR
HUB737 German 3 (for students who have completed Year 12 German or equivalent)
HUB450 Mandarin for Chinese 1
HUB451 Mandarin for Chinese 2 (not on offer in 2001)
HUB453 Introductory Mandarin 1
HUB454 Introductory Mandarin 2

MINOR STUDY AREAS

- European Studies**
HUB722 Foundations of Modern Europe
- Indigenous Studies**
HUB700 Indigenous Australian Culture Studies

Note that students may take additional course foundation units in the Bachelor of Social Science as their electives. Students may also wish to take other units offered by other schools/faculties within QUT. Students planning to take a major or minor area offered by another school as part of their degree, need to take the appropriate entry-level unit(s) in their first year. **Possible Study Areas Outside the School of Humanities and Social Science are provided in List D.**

Year 2 and 3

In years 2 and 3 students must complete the requirements of their two major study sequences (or one major and two minor study sequences). Details

of the individual study sequences are listed below.
Semester 3 = Summer Program.

LIST C – PRIMARY MAJOR STUDY SEQUENCES

□ *Applied Ethics*

Course foundation unit (compulsory):

HUB601 Human Identity & Change

Discipline studies unit (electives):

HUB751 Public & Professional Ethics

HUB752 The Just Society

HUB753 Ethical Decision-making

HUB754 Feminism & Ethics

HUB755 Vulnerable Identities

HUB757 Ethics, Technology & the Environment

HUB758 Research Methods in Applied Ethics

HUB831 Gene Technology & Ethics

□ *Gender Studies*

Course foundation unit:

HUB760 Introduction to Gender Studies

Discipline studies units – six from the following:

HUB617 Women, Aid & Development

HUB618 Asian Women

HUB711 Australian Women's Writing (not on offer in 2001)

HUB730 Gender & Representation

HUB754 Feminism & Ethics

HUB121 Social Inequality & Difference in Australia (not on offer in 2001)

PYB 054 Psychology & Gender

HUB140 Qualitative Research Methods

AAB053 Gender Issues in the Visual & Performing Arts

HUB131 Sex, Gender & Society

MJB307 Feminist Media studies

PYB010 Human Sexuality

PYB061 Gender & Organisations

Advanced seminar (for third year and honours students):

HUB715 Advanced Seminar in 19th Century Feminine/Feminist Fictions (not offered in 2001)

HUB139 Postmodernism & Its Critics

HUB145 Virgins, Saints & Sinners

□ *Geography and Environmental Studies*

Course foundation unit (compulsory):

HUB202 World Regions

Discipline studies units – six units from the following:

Environment and Resources

HUB201 Environment & Society

HUB207 Environmental Hazards

HUB617 Women, Aid & Development

HUB685 Australian Resource Management

HUB757 Ethics, Technology & the Environment

Regional Studies and Local Studies

HUB626 Contemporary Southeast Asia

HUB683 Australian Geographical Studies

HUB220 Windows on Japan

HUB330 Brisbane in the 20th Century

Advanced seminar (for second and third year and honours students):

HUB688 Geographical Research Design

Other electives for geography major:

PSB631 Geographic Information Systems

PSB655 Remote Sensing

HUB130 Survey Methods

HUB222 Issues in International & Global Studies

□ *International & Global Studies**

HUB221 Introduction to International & Global Studies (course foundation unit)

HUB222 Issues in International & Global Studies (discipline studies unit)

Plus five of the following discipline studies units:

Regional Studies

HUB220 Windows on Japan

HUB332 Korean Societies & Cultures

HUB610 Approaches to Asia Pacific Studies

HUB620 The Pacific Since 1945 (not on offer in 2001)

HUB626 Contemporary South East Asia

HUB628 Modern Japan (not on offer in 2001)

HUB629 Modern China

HUB633 Sex & Drugs in South East Asia (not on offer in 2001)

HUB720 Europe Since 1945 (not on offer in 2001)

HUB954 Independent Project (may be taken in-country or with an international agency)

Geography & Development Studies

HUB202 World Regions

HUB617 Women, Aid & Development

Applied Ethic Studies

HUB601 Human Identity & Change

HUB757 Ethics, Technology & the Environment

Sociology & Political Studies

HUB134 Political Sociology

HUB135 Ethnicity & Nationalism (not on offer in 2001)

HUB138 Identities: The Body, Technology & Cyberspace (not on offer in 2001)

HUB139 Postmodernism & Its Critics

HUB752 The Just Society

HUB800 Politics & Markets

HUB802 Politics & Social Contact

Literary & Cultural Studies

HUB725 20th Century Literature & Culture

Minor

Two compulsory units

plus two units from the above list

OR

You can combine units in International & Global Studies with language studies in Indonesian, Japanese, Mandarin, French or German as either a major or minor sequence.

As a major 4 units of Language & 3 units of International & Global Studies

As a minor 2 units of Language & 2 units of International & Global Studies

* The International and Global Studies major will be offered in 2001 subject to final approval.

□ *Political Studies*

Course foundation unit (compulsory):

HUB964 Australian Politics

Compulsory discipline studies unit:

HUB126 Political Behaviour

Discipline studies units – five units from the following:

HUB682 Social Movements in Australia

HUB703 Indigenous Politics & Political Culture

HUB752 The Just Society

HUB772 Political Ideologies

HUB800 Politics & Markets

HUB802 Politics & the Social Contract

HUB130 Survey Methods

HUB134 Political Sociology

HUB135 Ethnicity & Nationalism (not on offer in 2001)

HUB222 Issues in International & Global Studies

HSB231 Social Policy Processes

□ *Sociology*

Course foundation unit (compulsory):

HUB120 Introduction to Sociology

Discipline studies unit (compulsory):

HUB130 Survey Methods

HUB133 Sociological Theory

HUB139 Postmodernism & its Critics

HUB140 Qualitative Research Methods

Disciplinary studies units – two units from the following:

HUB121 Social Inequality & Difference in Australia (not on offer in 2001)

HUB127 Sociology of Health & Illness

HUB128 Social & Cultural Aspects of Health & Illness (not on offer in 2001)

HUB131 Sex, Gender & Society

HUB134 Political Sociology

HUB135 Ethnicity & Nationalism (not on offer in 2001)

HUB136 Sociology of Contemporary Europe (not on offer in 2001)

HUB141 Social Science & Health Care

HUB150 Sociology of Crime & Deviance

HUB138 Identities: The Body, Technology & Cyberspace (not on offer in 2001)

HUB132 Cultural Studies

HUB145 Virgins, Saints & Sinners

HUB222 Issues in International & Global Studies

LIST C – SECONDARY MAJOR STUDY SEQUENCES (HUMANITIES)

□ *Asia Pacific Studies*

Course foundation unit:

HUB610 Approaches to Asia Pacific Studies

Discipline studies units – six units from the following:

East Asia

HUB628 Modern Japan (not on offer in 2001)

HUB629 Modern China

HUB220 Windows on Japan

HUB332 Korean Cultures & Societies

Pacific Islands

HUB619 Pacific Culture Contact

HUB620 The Pacific Since 1945 (not on offer in 2001)

HUB627 Australia & the South Pacific (not on offer in 2001)

Southeast Asia

HUB626 Contemporary Southeast Asia

HUB633 Sex & Drugs in Southeast Asia (not on offer in 2001)

Asia Thematic

HUB617 Women, Aid & Development

HUB618 Asian Women

Advanced Seminar (for third year and honours students):

HUB624 Advanced Seminar in Asia Pacific Studies

□ *History*

Course foundation unit (compulsory – one of):

HUB649 Interpreting the Past

HUB610 Approaches to Asia Pacific Studies

Discipline studies units – six units from the following:

Modern Histories

HUB618 Asian Women

HUB619 Pacific Culture Contact

HUB620 The Pacific Since 1945 (not on offer in 2001)

HUB627 Australia & the South Pacific (not on offer in 2001)

HUB628 Modern Japan (not on offer in 2001)

HUB629 Modern China

HUB692 Conspiracy & Dissent in Australian History

HUB720 Europe Since 1945 (not on offer in 2001)

HUB723 War & Revolution in Europe 1914-1945 (not on offer in 2001)

HUB743 Nations & Nationalism in Modern Europe (not on offer in 2001)

HUB330 Brisbane in the 20th Century

Advanced Seminar (for third year and honours students):

HUB624 Advanced Seminar in Asia Pacific Studies

HUB695 Rethinking Histories (not on offer in 2001)

Pre Modern Histories

HUB721 Classical World – Rome

HUB722 Foundations of Modern Europe

HUB744 Medieval Europe

HUB745 Classical World – Greece (not on offer in 2001)

□ *Languages*

FRENCH – six units from the following:

HUB670 French 1

HUB671 French 2

HUB672 French 3

HUB673 French 4

HUB674 French 5

HUB675	French 6
HUB678	French 7
HUB677	French 8
HUB679	French 9
HUB731	French 10
HUB452	French for the Tourism Industry

Discipline unit (compulsory):

HUB722	Foundations of Modern Europe
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GERMAN – six units from the following:

HUB735	German 1
HUB736	German 2
HUB737	German 3
HUB738	German 4
HUB739	German 5
HUB740	German 6
HUB741	German 7
HUB742	German 8

Discipline unit (compulsory):

HUB722	Foundations of Modern Europe
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INDONESIAN – six units from the following:

HUB650	Indonesian 1
HUB651	Indonesian 2
HUB652	Indonesian 3
HUB653	Indonesian 4
HUB654	Indonesian 5
HUB655	Indonesian 6
HUB656	Indonesian 7
HUB657	Indonesian 8

Discipline unit (compulsory):

HUB626	Contemporary Southeast Asia
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JAPANESE – six units from the following:

HUB660	Japanese 1
HUB661	Japanese 2
HUB662	Japanese 3
HUB663	Japanese 4
HUB664	Japanese 5
HUB665	Japanese 6
HUB666	Japanese 7
HUB667	Japanese 8

Discipline unit (compulsory):

HUB220	Windows on Japan
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MANDARIN

HUB450	Mandarin for Chinese 1
HUB451	Mandarin for Chinese 2 (not on offer in 2001)
HUB453	Introductory Mandarin 1
HUB454	Introductory Mandarin 2

Overseas Units – all languages

HUB646	International Intensive Program
HUB647	International Summer School or equivalent
HUB648	In-country Study – A (1 semester)
HUB461	In-country Study – B (1 semester)

□ *Literary and Cultural Studies*

Course foundation unit (compulsory):

HUB716	Introduction to Literary & Cultural Studies
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Discipline studies units – six units from the following:

Australian Writing

HUB701	Indigenous Australian Writing
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HUB710	Australian Literature & Culture
HUB711	Australian Women's Writing (not on offer in 2001)
HUB712	Australian Children's & Adolescent Fiction

World Writing

HUB625	North American Literature
HUB724	Nineteenth century English Literature & Culture
HUB725	Twentieth Century English Literature & Culture
HUB729	Shakespeare & the Modern World
HUB730	Gender & Representation

Advanced seminar (for third year and honours students):

HUB704	Advanced Seminar in Indigenous Film & Text (not on offer in 2001)
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MINOR STUDY SEQUENCES (HUMANITIES)

□ *European Studies*

Course foundation unit (compulsory):

HUB722	Foundations of Modern Europe
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Discipline studies units – three units from the following:

European Histories

HUB722	Foundations of Modern Europe
HUB723	War & Revolution in Europe 1914-1945 (not on offer in 2001)
HUB743	Nations & Nationalism in Modern Europe (not on offer in 2001)

European Literature

HUB724	Nineteenth Century English Literature & Culture
HUB725	Twentieth Century English Literature & Culture
HUB729	Shakespeare & the Modern World

Pre Modern Histories

HUB745	Classical World – Greece (not on offer in 2001)
HUB721	Classical World – Rome
HUB744	Medieval History

□ *Indigenous Studies*

Course foundation unit (compulsory):

HUB700	Indigenous Australian Culture Studies
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Discipline studies unit (electives):

HUB703	Indigenous Politics & Political Culture
HUB701	Indigenous Australian Writing

Advanced seminar (for third year and honours students):

HUB704	Advanced Seminar in Indigenous Film & Text (not on offer in 2001)
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LIST D – POSSIBLE MAJORS OUTSIDE THE SCHOOL OF HUMANITIES AND SOCIAL SCIENCE

HUMAN SERVICES

Course Coordinator: Dr Marie Knox

Major: Course foundation unit plus six units (at least four discipline studies units plus up to two service context units).

Minor: Course foundation unit plus two discipline studies units plus one service contexts unit.

Course Foundation Unit

HSB110 Introduction to Human Services

Discipline Studies Units

HSB120 Welfare of Australians
HSB122 Analysing Contemporary Social Issues
HSB211 Working in Human Service Organisations
HSB218 Intervention Theories & Methods
HSB222 Social Research Methods
HSB230 Casework & Case Management
HSB231 Social Policy Processes
HSB232 Group & Team Practice
HSB233 Indigenous Australia: Country, Kin & Culture
HSB234 Crisis & Conflict Resolution
HSB320 Community Work

Service Contexts Units

HSB213 Aged Services: Introduction
HSB214 Child and Family Services: Introduction
HSB215 Corrective Services: Introduction
HSB216 Disability Services: Introduction
HSB217 Services to Young People: Introduction

PSYCHOLOGY

Course Coordinator: Dr Doug Mahar

Major: One course foundation unit plus PYB110, 3 other discipline study units and 2 electives (7 units in total).

Minor: One course foundation unit plus any three from discipline study units and electives (4 units in total).

Note: Prerequisites apply for most of the discipline study units and some of the electives. Students must have completed appropriate pre-requisites before taking higher level units.

Course Foundation Units

PYB012 Psychology
PYB101 Introduction to Psychology 1A
PYB102 Introduction to Psychology 1B

Discipline Study Units

PYB110 Psychological Research Methods
PYB205 Social Psychology
PYB201 Developmental Psychology
PYB203 Perception
PYB208 Counselling Theory & Practice 1
PYB210 Research Design & Data Analysis
PYB302 Industrial Organisational Psychology
PYB303 Cognitive Psychology
PYB304 Physiological Psychology
PYB306 Personality & Psychopathology
PYB311 Psychological Assessment

Electives

PYB050 Qualitative Research Methods
PYB054 Psychology & Gender
PYB061 Gender & Organisations
PYB067 Human Sexuality
PYB158 Introduction to Substance Abuse in Australia
PYB159 Alcohol & other Drug Studies
PYB250 Environmental Psychology
PYB257 Group Work
PYB258 Introduction to Theory of Hypnosis
PYB260 Psychopharmacology of Addictive Behaviour
PYB353 Occupational & Vocational Psychology
PYB356 Counselling Theory & Practice 2
PYB358 Advanced Developmental Psychology
PYB359 Introduction to Family Therapy
PYB360 Interventions for Addictive Behaviours
PYB371 Introduction to Road Safety
PYB372 Understanding Road User Behaviour
PYB373 Modifying Road User Behaviour

■ Bachelor of Social Science (Human Services) (HS07)

Location: Carseldine campus

Duration: 3 years fulltime, 6 years part-time

Total Credit Points: 288

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr Marie Knox

Faculty of Arts Foundation Units – List A

Units are available in both semesters. Students must successfully complete two of these units in their degree.

AAB051 Arts in Society
HUB600 Australian Society and Culture
HUB687 Contemporary Moral Issues
MJB140 Media and Society
HSB002 Introduction to Human Rights
PYB007 Interpersonal Processes & Skills

Full-time Course Structure

Year 1, Semester 1

HSB000 Applied Skills and Scholarship
HSB110 Introduction to Human Services
PYB052 Interpersonal Communication
Faculty foundation unit (List A)

Year 1, Semester 2

HSB120 Welfare of Australians
HSB121 The Human Condition
HSB122 Analysing Contemporary Social Issues
Faculty foundation unit (List A)

Year 2, Semester 1

HSB218 Intervention Theories and Methods
HSB201 Initial Professional Practice (200 hours
24cp)
Elective (List B)

Year 2, Semester 2

- HSB229 Human Service Practice: Legal Dimensions
 HSB211 Working in Human Service Organisations
 HSB228 Intervention Processes and Ethics
 Elective (List C)

Year 3, Semester 1

- Elective (List C)
 Elective (List D)
 Elective (Lists B or C)
 Any other elective unit

Year 3, Semester 2

- HSB300 Current Developments in Human Services
 (taught as a two week block)
 HSB301 Advanced Professional Practice (400 hours
 36cp)

List B available semester 1 only

- HSB213 Aged Services: Introduction
 HSB214 Child and Family Services: Introduction
 HSB215 Corrective Services: Introduction
 HSB216 Disability Services: Introduction
 HSB217 Services to Young People: Introduction

List C available semester 1 or 2 as indicated

- HSB222 Social Research Methods (semester 1)
 HSB234 Crisis and Conflict Resolution (semester 1)
 HSB320 Community Work (semester 1)
 HSB230 Casework and Case Management
 (semester 2)
 HSB231 Social Policy Processes (semester 2)
 HSB232 Group and Team Practice (semester 2)
 HSB233 Indigenous Australia: Country, Kin and
 Culture (semester 1 or 2)

List D available semester 1 only

- HSB323 Aged Services: Advanced
 HSB324 Child and Family Services: Advanced
 HSB325 Corrective Services: Advanced
 HSB326 Disability Services: Advanced
 HSB327 Services to Young People: Advanced

Part-time Course Structure

Part-time students usually study two units per semester and should consult course coordinator before selecting an enrolment program.

■ Advanced Certificate in Dance Teaching (AA14)

Location: External (by correspondence)

Course Duration: 1 year full-time (3 semesters) external, 2 years part-time external

Total Credit points: 96

Course Coordinator: Ms Jude Smith

Course Structure **Full-time students**

Select four units from both first and second semester.

 Part-time students

Select two units from both first and second semester.

Students should contact the course coordinator to discuss their enrolment program.

First Semester

- AAX104 Architecture of the Body
 AAB125 Dance Analysis & Dance Histories
 AAB189 Dance Assessment & Reporting Procedures
 AAB190 Professional Practice & Business
 Administration for Dance Teachers
 AAB191 Dance Teaching Methodologies
 AAB192 Stagecraft & Costume Design for Dance

Second Semester

- AAX104 Dance Kinesiology & Alignment
 AAB125 Dance Analysis & Dance Histories
 AAB189 Dance Assessment & Reporting Procedures
 AAB190 Professional Practice & Business
 Administration for Dance Teachers
 AAB191 Dance Teaching Methodologies
 AAB192 Stagecraft & Costume Design for Dance

Summer Program

(Full-time students select both units, part-time students select one or both units)

- AAB180 Dance Technique Studies 1 (residency)
 AAB181 Dance Technique Studies 2 (residency)

■ Certificate in Dance Teaching (AA13)

Location: External (by correspondence)

Course Duration: 1 semester full-time external, 1 year part-time external

Total Credit points: 48

Course Coordinator: Ms Jude Smith

Course Structure

Students are required to complete the core unit and three electives. All students should contact the course coordinator to discuss their Enrolment Program.

 Full-time students

Select four units from either first or second semester.

 Part-time students

Select two units from both first and second semester.

First Semester

- AAX104 Architecture of the Body (core)
 AAB125 Dance Analysis & Dance Histories (elective)
 AAB189 Dance Assessment & Reporting Procedures
 (elective)
 AAB190 Professional Practice & Business
 Administration for Dance Teachers (elective)
 AAB191 Dance Teaching Methodologies (elective)

Second Semester

- AAX104 Dance Kinesiology & Alignment (core)
 AAB125 Dance Analysis & Dance Histories (elective)

- AAB189 Dance Assessment & Reporting Procedures (elective)
- AAB190 Professional Practice & Business Administration for Dance Teachers (elective)
- AAB191 Dance Teaching Methodologies (elective)

Summer Program

- AAB180 Dance Technique Studies 1 (residency) (elective)

■ **Associate Degree in Dance (AA09)**

Location: Kelvin Grove campus

Course Duration: 2 years full-time

Total Credit Points: 192

Course Coordinator: Mr Evan Jones

Course Structure

Year 1, Semester 1

- AAX104 Dance Kinesiology & Alignment
- AAX111 Repertoire & Practice Period 1⁶
- AAX115/1 Dance History
- AAX117 Ballet Technique 1⁶
- AAX121 Contemporary Technique 1⁶
- AAX131 Dance Composition 1
- AAX135 Dance Styles 1

Year 1, Semester 2

- AAX112 Repertoire & Practice Period 6
- AAX115/2 Dance History
- AAX118 Ballet Technique 2⁶
- AAX122 Contemporary Technique 2⁶
- AAX132 Dance Composition 2
- AAX136 Dance Styles 2

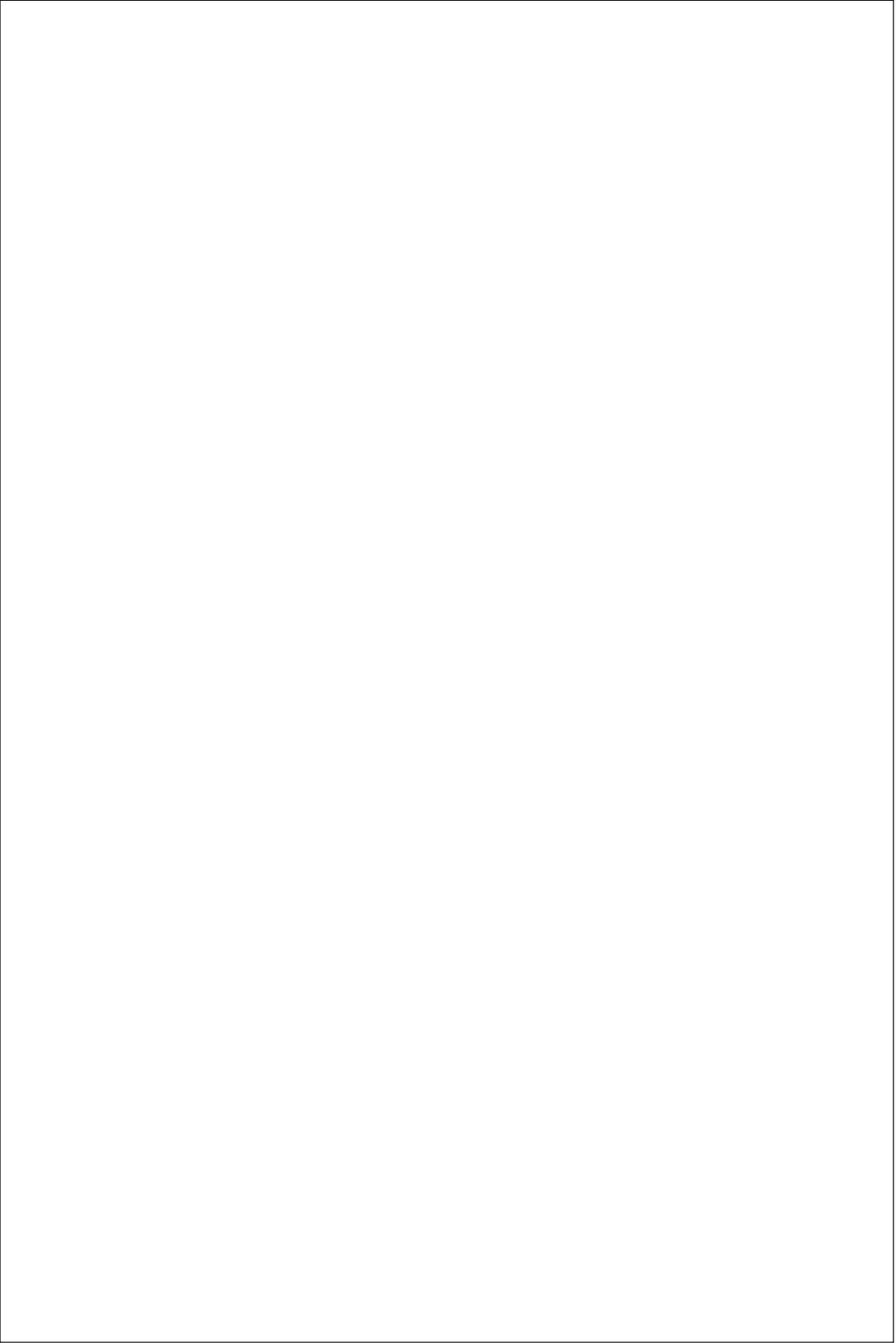
Year 2, Semester 1

- AAB011 Music Theatre Skills
- AAX113 Repertoire & Practice Period 3⁶
- AAX119 Ballet Technique 3⁶
- AAX123 Contemporary Technique 3⁶
- AAX133 Dance Composition 3

Year 2, Semester 2

- AAB012 Music Theatre Project
- AAX114 Repertoire & Practice Period 4⁶
- AAX120 Ballet Technique 4⁶
- AAX124 Contemporary Technique 4⁶
- AAX134 Dance Composition 4

⁶ Designated unit.



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For combined/double degree courses in Engineering/Business, Engineering/Mathematics, and Engineering/Information Technology, please see University-wide and interfaculty courses section.

For the graduate diploma and graduate certificate courses in Facilities Management, please see University-wide and interfaculty courses section.

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

The **School of Architecture, Interior and Industrial Design** offers programs that develop a broad knowledge base and practice in the design professions producing respected, employable graduates equipped to be future leaders in their professions. Teaching emphasises problem-based learning in the creative design of buildings, spaces or product systems, and develops a holistic appreciation of design in the built and human environments.

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 **School of Planning, Landscape Architecture and Surveying** has its strengths in the unique combination of the three disciplines, especially evident in the applications of land development and sustainability. The curriculum of the school encompasses environmental and settlement planning and design, urban and regional planning, landscape architecture, urban design, surveying and mapping.

The faculty also offers three undergraduate double degrees in Electrical and Computer Engineering/Mathematics; Electrical and Computer Engineering/Business; and Electronic Engineering/Information Technology. (Please see the interfaculty section for details.)

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

Research Centres

- Australian Cooperative Research Centre for Renewable Energy (ACRE)
- Australian Housing and Urban Research Institute (AHURI)
- Centre for Rehabilitation Science and Engineering (CRSE)
- Cooperative Research Centre for Satellite Systems (CRCSS)
- Physical Infrastructure Centre (PIC)
- Signal Processing Research Centre (SPRC)

Research Concentrations

- Design and Construction Studies
- Electrical Energy
- Manufacturing Systems Engineering
- Materials Technology
- Satellite Navigation
- Speech, Audio and Video Technology
- 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.

QUT Manager: Ms Ruth Matchett, BSocWk(Hons) *Qld.*

CENTRE FOR ASSET MANAGEMENT

The Centre for Asset Management coordinates the faculty's industry-funded research and development in the asset management field. It is currently investigating maintenance engineering with funding received from Mount Isa Mine Holdings Limited to achieve higher productivity in the mining industry. The Queensland Electricity Supply Corporations also fund the centre, for research related to electrical asset management and the distribution of electricity.

Director: Professor N. Hastings, MA *Camb.*, PhD *Birm.*, FIEAust, CEng, MIMechE, MACS

CENTRE FOR REHABILITATION SCIENCE AND ENGINEERING (CRSE)

The Schools of Mechanical, Manufacturing and Medical Engineering, Human Movement Studies and Physical Sciences have formed the CRSE. Its activities include medical imaging, prosthetic and orthotic research, design and manufacture, the mechanics of the human spine, functional anatomy, sports science and studies related to the prevention of musculoskeletal injury.

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

AUSTRALIAN COOPERATIVE RESEARCH CENTRE FOR RENEWABLE ENERGY (ACRE)

The Cooperative Research Centre for Renewable Energy, with members across Australia and New Zealand, seeks to create an internationally

competitive renewable energy industry. A program of the centre is hosted by the QUT School of Mechanical, Manufacturing and Medical Engineering. It 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*

COOPERATIVE RESEARCH CENTRE FOR SATELLITE SYSTEMS (CRSS)

The CRSS is a consortium formed with funding from the Federal and State Governments. Its major partners are the QUT School of Electrical and Electronic Systems Engineering, the CSIRO Office of Space Science and Applications (COSSA), the University of South Australia, the University of Newcastle and industry members Auspace and VIPAC. The consortium will build a satellite, FedSat-1, for launch in the year 2001. The CRSS is responsible for the provision of the satellite's 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 CENTRE (PIC)

The PIC is the research arm of the QUT School of Civil Engineering, and is a leader in developing innovative approaches to the management and operation of services essential to the community. Areas of expertise include roads, railways and bridges, traffic and transportation engineering, structures including buildings and bridges, construction materials, environmental engineering, dams, water supply and wastewater treatment systems. The centre works 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 RESEARCH CENTRE (SPRC)

The Signal Processing Research Centre investigates techniques for extracting and using information from radar, sonar, biomedical, and other signals. It has

achieved significant international recognition in nonstationary signal analysis, higher order spectral analysis and speech processing. The centre has links with industry and government organisations including the Defence Science Technology Organisation (DSTO), the Police Services, the Australian Coal Industry Research Laboratories and the US Office of Naval Research.

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

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. Oleyede, PhD DIC *Imperial College London*, MNSc, MAAS, MNY Acad Scie.

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

□ *Charles Fulton School of Architecture, Interior and Industrial Design*

Head: Professor G.A. Holden, DipArch *Central Tech College*, MA(Urb Des) *Manc*, PhD *N'cle*, FRAIA, Reg Arch

Professor: B.P. Lim, BArch DipT&CP PhD *Syd.*, FRAIA, MRIBA, Reg Arch

Adjunct Professors:

R.L. Allom, BArch *Melb*, FRAI

J.D. Byrne, BA BArch MTP *Adel.*, ARAIA, MRAPI

J.E. Taylor, BArch *U.Wash* MArch(History) *U.Wash*, FRAIA

Associate Professors:

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

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

Visiting Professor:

A.D. Seidel, BArch, MCP, PhD, EDRA, IAPS

□ *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
K.B. Wallace, DipCE *RMIT* BE MEngSc PhD *Melb*, MIEAust, MSAGS

Associate Professors:

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

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*, MCIQB, ARICS, FAIB, FAIQS, FIEAust

Professors:

T.P. Boyd, MSc(BldgMan), PhD *QUT*, AAPI (Val&Econ), ANZIV, MPLEINZ, MIV(SA)

R.M. Skitmore, MSc, PhD *Salford*, FRICS, MCIQB, FAIB, AAIQS

Associate Professors:

K.D. Hampson, BEng(Hons), GradDipBusAdmin *QIT*, MBA PhD *Stan.*, LGE, MIEAust, RPEQ, AFAIM

D.S. Then, BSc(Hons), MSc, PhD *Heriot-Watt*, MCIQB, MIMgt., MBIFM, MFMAA

Adjunct Professor:

R.M. Barton, MSc *Aston*, DipEd *Sydney*, MCIQB, MAIB, AAIQS

□ *School of Electrical and Electronic Systems Engineering*

Head: Professor A Maeder, BSc *Natal*, BSc(Hons) *Witw.*, MSc *Natal*, PhD *Monash*, MIEEEE, SMIREE, FIEAust, MACM, MACS, CPEng

Professors:

B. Boashash, BE *Lyon*, MSc PhD *InstNatPoly Grenoble*, SMIEEEE, FIREE, FIEAust

M.P. Moody, BE(Hons) BA MEngSc PhD *Qld*, FIEAust, FIREE, SMIEEEE, MACE, MAES, RPEQ, CPEng

Chair in Electricity Asset Management:

Professor G. Ledwich, BE(Hons) *Qld*, PhD *Newcastle*, FIEAust, SMIEEEE

Associate Professors:

N.W. Bergmann, BE BSc BA *Qld*, PhD *Edin.*, MIEEEE, MIEAust, CPEng

D. Birtwhistle, BEng(Hons) MSc *Brad.*, PhD *Syd.*, FIEAust, MIEE, CEEng, CPEng

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

S. Sridharan, BSc(Eng) *Ceyl.*, MSc *Manc.*, PhD *NSW*, MIEAust, CEEng, MIEE, SMIEEEE, CPEng

□ ***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.*

MIM Professor of Maintenance Engineering:

N. Hastings, MA *Camb.*, PhD *Birm.*, CEng, MIMechE *Fuchs*

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

□ ***School of Planning, Landscape Architecture and Surveying***

(Acting) Head: Dr J. Allison, BA(Hons) *GradDipLib&InfoSys MRegSc Qld*, PhD

Professor:

H. Armstrong, BSc *Syd*, *GradDipLA*, *MLArch NSW*, *AAILA*

Associate Professor:

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

□ 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 3 (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)

■ Master of Engineering (BN72)

Location: Gardens Point campus

Duration:

Full-time: 1 year minimum (2 semesters), 2 years maximum (4 semesters)

Part-time: 2 years minimum (4 semesters), 4 years maximum (8 semesters)

Discipline Coordinators:

Master of Applied Science (Research) (BN71)

Architecture: Professor Gordon Holden

Construction Management: Professor Martin Skitmore

Industrial Design: Associate Professor Vesna Popovic

Interior Design: Dr Jill Franz

Landscape Architecture: Professor Helen Armstrong

Planning: Dr Janelle Allison

Project Management, Property Economics &

Quantity Surveying: Associate Professor Keith Hampson

Surveying: Mr Kevin Jones

Master of Engineering (BN72)

Civil Engineering: Associate Professor Mahen Mahendran

Electrical Energy: Associate Professor David Birtwhistle

Manufacturing Systems: Dr Prasad Yarlalagadda

Medical Engineering: Professor Mark Pearcy

Materials Technology: Associate Professor John Bell

Satellite Systems: Dr Mohammed Bennamoun

Signal Processing: Professor Boualem Boashash

Speech, Audio & Video Technology: Associate Professor Sridha Sridharan

Tribology: Associate Professor Douglas Hargreaves

Introduction

The objectives of the program are:

- to provide instruction and postgraduate educational opportunities in design, investigation, development, research or any combination thereof, in the specialised fields of applied science relating to the built environment or directly related to professional engineering practice, by means of a program which involves either an advanced contribution to knowledge or an advanced application of existing knowledge
- to provide further education in research methods
- to enable graduates employed in industry to undertake further education by research and thesis
- to further relationships between the University and industry or other external agencies involved in applied science or engineering to their mutual advantage, and
- to provide formal recognition of work of an advanced nature.

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 Built Environment (BN73)

URBAN DESIGN MAJOR

Location: Gardens Point campus

Course Duration: 1 calendar year full-time,
2 calendar years part-time

Total Credit Points: 144

Standard Credit Points/Full-time Semester: 48

Coordinator: Dr Danny O'Hare

Entry Requirements

□ *Normal Entry*

A grade point average of 5.0 or better in the Graduate Diploma in Urban Design.

□ *Provisional Entry*

Applicants with other than normal entry requirements may be registered provisionally in the course if they submit other evidence of academic and professional attainment and candidature as approved by the Dean of Faculty on the recommendation of the course coordinator.

A person provisionally enrolled is required to satisfactorily undertake a qualifying program which may include course units, and/or such other work as is determined before admission is confirmed. Provisional registration in the course will apply for a maximum period of 12 months for both full-time and part-time students.

Articulation to the Masters Program from the Graduate Diploma in Urban 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 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 Section 4 below) 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.

Full-time Course Structure

All units are 12 credit points. Please refer to the unit synopses section for more information.

Year 1, Semester 1

ARB081 History, Theory & Criticism of Urban Design
ARB082 Urban Design Studio B
PSP451 Production & Use of the Built Environment

Year 1, Semester 2

PSN211 Research Project 1
PSP452 Urban Design Studio A
PSP453 Urban Systems & the Physical Environment

Summer Program

ARB083 Urban Design Masters Studio
PSN212 Research Project 2
PSP510 Specialisation

Part-time Course Structure

Year 1, Semester 1

ARB081 History, Theory & Criticism of Urban Design
PSP451 Production & Use of the Built Environment

Year 1, Semester 2

PSP452 Urban Design Studio A
PSP453 Urban Systems & the Physical Environment

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 Science (Civil) (CE74)

Location: Gardens Point campus

Course Duration: 2 years part-time

Total Credit Points: 96

Standard Credit Points/Part-time Semester: 24

Course Coordinator: To be advised

Entry Requirements

Entrants to the masters degree program must either:

- (i) have obtained a Bachelor of Engineering degree with Honours in Civil Engineering, or
- (ii) have obtained a graduate diploma with a grade point average of at least 5.0 on a 7-point scale.

Where entrants do not have Honours ranking in their Bachelor of Engineering (Civil) degree and/or have not undertaken units equivalent to the available QUT undergraduate units in their chosen area of study, the Head of School may require that additional undergraduate units be undertaken.

Entrants may transfer from the Graduate Diploma in Civil Engineering (CE63) with a grade point average of at least 5.0 after completion of 50 per cent of the coursework for the Graduate Diploma. In so doing students must comply with rule 4.1.1 of the Student Rules which states 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 course¹.

Please note that no credit may be obtained for work completed as part of an undergraduate program, or for undergraduate units.

Course Structure

The course consists of a minimum of 96 credit points. 24 credit points are allocated to a project and the remainder to the 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 total of 96 credit points.

Note that personal protective equipment (PPE) must be worn for laboratory work.

All units are 12 credit points. Please refer to the unit synopses section for more information.

ENVIRONMENTAL ENGINEERING MAJOR (EVN)

Year 1, Semester 1

CEP295 Civil Engineering in a Project Environment
CEP141 Studies in Environmental Engineering

Year 1, Semester 2

CEP201 Process Modelling
CEP291 Environmental Law & Assessment 2

Year 2, Semester 1

CEP997/1/2 Project
CEP142 Water Pollution Control

Year 2, Semester 2

CEP997/2/2 Project
CEP143 Biological Treatment Processes

TRANSPORTATION ENGINEERING MAJOR (TRN)

Year 1, Semester 1

CEP295 Civil Engineering in a Project Environment
CEP218 Transportation Engineering 1

Year 1, Semester 2

CEP201 Process Modelling
CEP216 Advanced Traffic Engineering 2

Year 2, Semester 1

CEP997-1 Project 1
CEP151 Road Safety Audit

Year 2, Semester 2

CEP997-2 Project 2
Elective

Semester 1 Electives

CEP295 Civil Engineering in a Project Environment
CEP293 Pavement Design
CEP218 Transportation Engineering 1
CEP141 Studies in Environmental Engineering
CEP151 Road Safety Audit
CEP142 Water Pollution Control
CEP176 Engineering Practice 1¹
CEP150 Engineering Investigation Project²

Semester 2 Electives

CEP175 Pavement Maintenance Rehabilitation & Recycling
CEP294 Engineering Contract Development & Administration
CEP291 Environmental Law & Assessment
CEP216 Advanced Traffic Engineering
CEP201 Process Modelling
CEP143 Biological Treatment Processes
CEP292 Engineering Practice 2¹
CEP150 Engineering Investigation Project²

■ Master of Engineering Science (Computer & Communications Engineering) (EE76)

Location: Gardens Point campus

Course Duration: 1 year full-time, 2 years part-time

Total Credit Points: 96

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Mr John Edwards

¹ This unit may not be offered every semester. Advice must be sought from the course coordinator before enrolling.

² This unit is offered only if fully supported by an employer. Advice must be sought from the course coordinator before enrolling.

Entry Requirements

- (i) bachelor degree in Engineering with at least second class honours or equivalent, or
- (ii) bachelor degree in Engineering or equivalent together with successful completion of the Masters Qualifying Program
- (iii) Graduate Diploma in Computer and Communications Engineering with a grade point average of 5.0 (credit level) or higher will meet the entry requirements for admission to the Master of Engineering Science (Computer Engineering Stream) Upgrade Program.

Streams

Two streams are offered in the course: Computer Engineering and Communications Engineering. Students enrol in units according to the stream they wish to pursue. Any requests for approval to substitute different units should be directed to the course coordinator.

Masters Qualifying Program

Applicants who do not meet the entry requirements for the Master of Engineering Science (Computer and Communications Engineering) outlined in (i) above, will be required to enrol in the first semester of the Graduate Diploma in Computer and Communications Engineering (EE66). If in this first semester a sufficiently high standard is attained, then candidates will be invited to change enrolment to the Masters program. Otherwise they will continue their studies in the Graduate Diploma in Computer Engineering towards that award.

Masters Upgrade Program

Those who have completed the Graduate Diploma in Computer Engineering may upgrade by undertaking further study in the Master of Engineering Science (Computer Engineering Stream) 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

COMPUTER ENGINEERING STREAM

Full-time Course Structure

Year 1, Semester 1

EEP101 Algorithms for Control Engineering
EEP102 Unix & C for Engineers
EEP124 Data Communications

Select one unit from the following:

EEP129 Image Processing & Computer Vision
EEP137 Advanced Topic A

Year 1, Semester 2

EEP104 Real-time Operating Systems
EEP301-1 Project
EEP301-2 Project

Select one unit from the following:

EEP120 Networks & Distributed Computing
EEP127 Advanced Topic B

Part-time Course Structure

Year 1, Semester 1

EEP101 Algorithms for Control Engineering

Select one unit from the following:

EEP102 Unix & C for Engineers
EEP137 Advanced Topic A

Year 1, Semester 2

EEP104 Real-time Operating Systems

Select one unit from the following:

EEP120 Networks & Distributed Computing
EEP127 Advanced Topic B

Year 2, Semester 1

EEP124 Data Communications
EEP129 Image Processing & Computer Vision

Year 2, Semester 2

EEP301-1 Project
EEP301-2 Project

Note: Students with heavy work commitments are advised to take the project over two semesters.

COMMUNICATIONS ENGINEERING STREAM

Full-time Course Structure

Year 1, Semester 1

EEP126 Communications Digital Signal Processing
EEP127 Advanced Topic B
EEP137 Advanced Topic A
Mathematics elective unit

Year 1, Semester 2

EEP128 Detection & Estimation
EEP135 Digital Signal Processing & Applications
EEP301-1 Project
EEP301-2 Project

Part-time Course Structure

Year 1, Semester 1

EEP126 Communications Digital Signal Processing
EEP127 Advanced Topic B

Year 1, Semester 2

EEP128 Detection & Estimation
EEP135 Digital Signal Processing & Applications

Year 2, Semester 1

EEP137 Advanced Topic A
Mathematics elective unit

Year 2, Semester 2

EEP301-1 Project
EEP301-2 Project

Note: Students with heavy work commitments are advised to take the project over two semesters.

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

Location: Gardens Point campus

Course Duration: 1 year full-time, 2 years part-time

Total Credit Points: 96

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Associate Professor David Birtwhistle

Entry Requirements

- (i) a Bachelor degree in Electrical Engineering and at least second class honours with a study of power subjects to third year level, or
- (ii) students with the degree qualification, but who do not have second class honours may transfer from the Graduate Diploma (Electricity Supply) after completing 48 credit points with a grade point average of 5.0 or greater
- (iii) students seeking admission to Master of Engineering Science will only be enrolled if they have a firm offer of a supervised industry placement.

Full-time Course Structure

Year 1, Semester 1

12 Units (selected from List)

Year 1, Semester 2

EEP230 Thesis A³

EEP231 Thesis B³

6 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)

Year 2, Semester 1

EEP230 Thesis A³

3 Units (selected from List)

Year 2, Semester 2

EEP231 Thesis B³

3 Units (selected from List)

List of Units

- EEP201 Fundamentals of Power System Earthing
- EEP202 Thermal Ratings & Heat Transfer
- EEP203 Testing & Condition Monitoring
- EEP204 Power System Load Flow Analysis
- EEP205 Power System Fault Calculations
- EEP206 Project Management
- EEP207 Overhead Line Route Selection – Environmental Factors

- EEP208 Economic Analysis for Power Systems Engineers
- EEP209 Power System Harmonics
- EEP210 Abnormal System Voltages
- EEP211 Basic Power System Protection
- EEP212 Advanced Power System Protection
- EEP213 Statistics
- EEP214 Risk Assessment in the Electricity Supply Industry
- EEP215 Reliability
- EEP216 Overhead Line Design - Electrical
- EEP217 Overhead Line Design - Mechanical
- EEP218 Introduction to Automated System Control & Supervisory Systems (SCADA)
- EEP219 High Voltage Substation Equipment, Power Transformers & Reactive Power Plant Distribution Planning
- EEP220 Limits to Power System Stability
- EEP221 Maintenance of Electricity Supply Systems
- EEP222 Load Forecasting
- EEP223 Power System Operation
- EEP224 Organisation & Financial Management in the Electricity Supply Industry
- EEP241 Distance Protection
- EEP242 Efficient Marketing & Utilisation of Electricity: Demand & Supply Side Solutions
- EEP243 Contract Administration
- EEP244 Circuit Breakers - Switchgear
- EEP245 Introduction to Substation Design
- EEP246 Customer Metering
- EEP248 Introduction to Electricity Markets

Units available as Resource-based Learning (i.e. Distance Education) with flexible enrolment:

- EEP202 Thermal Ratings & 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 Management in the Electricity Supply Industry
- EEP215 Reliability
- EEP220 Distribution Planning
- EEP240 Organisation & Financial Management in the Electricity Supply Industry
- EEP241 Distance Protection

Units in this course have been accepted by industry as approved training modules.

Credit points may be accumulated towards this award from day/evening classes (3 hours per week x 5 weeks), flexible enrolment in Resource-based Learning (i.e. Distance Education) units or from units taken as short-courses conducted in June/July and November/December on-campus in Brisbane as well as at interstate locations. Further information on units

³ Students must complete 100 days of supervised professional practice. The thesis is related to this industry experience.

available as Resource-based Learning or short-courses can be obtained by contacting Gemma Hynard, Postgraduate Electricity Supply Training Courses, School of Electrical and Electronic Systems Engineering, on (07) 3864 1291 or e-mail g.hynard@qut.edu.au.

■ Master of Engineering Management (ME76)

Location: Gardens Point campus

Course Duration: 1 year full-time, 2 years part-time

Total Credit Points: 96

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr Jun Wang

A similar course (ME77) is offered in Singapore in conjunction with Crossfields Asia Pacific Pte Ltd.

Entry Requirements

A bachelor's degree in Engineering (or its equivalent).

Part-time students are expected to be employed in some professional engineering capacity during the course of their studies at QUT. Students who do not have a Bachelor of Engineering may undertake the Graduate Certificate in Engineering Management (Eng Mgt), and articulate to this Master's course if they achieve a grade point average of 5.00 or better in the Graduate Certificate.

Full-time Course Structure

All units are 12 credit points. Please refer to the Unit synopses section for more information. Students should take units to the value of 48 credit points.

Year 1, Semester 1

MEN177	Total Quality Management ⁴
MEN280	Engineering Project Management ⁴
MEN171	Advanced Manufacturing Technologies
MEN190-1	Project ⁵
MEN241	Reliability & Maintenance Management

Year 1, Semester 2

MEN172	Cost Analysis & Asset Management ⁴
MEN170	Systems Modelling & Simulation
MEN175	Energy & Environmental Management
MEN190-2	Project ⁵
MEN272	Enterprise Resources Planning
	A graduate level unit within the University ⁶

■ Master of Engineering Management (ME77) – Singapore

Location: Singapore (Organised by Crossfields Asia Pacific Pte Ltd)

Aim

The aim of the course is to provide engineers with an introduction to management methods and systems of key relevance to the engineering profession. Particular emphasis is given to manufacturing management, and to maintenance, quality and reliability.

Course Outline

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

For further information about the course, please contact Ms Iola Ternel on (07) 3864 1398.

■ Master in Facilities Management (CN75)

Location: Gardens Point campus

Course Duration: 3 years part-time, 1.5 years full-time

Total Credit Points: 144

Standard Credit Points/Part-time Semester: 24

Course Coordinator: Associate Professor Danny Then

Entry Requirements

- a relevant bachelor degree from an approved tertiary institution; OR
- professional qualifications deemed equivalent to the above by the Deans of the Faculties involved on the recommendation of the course coordinator; AND
- successful completion of IF92 Graduate Diploma in Facilities Management with a grade point average of 5.0 or above; AND
- at least two year's appropriate work experience.

Professional Recognition

This course has been designed in close association with the Facilities Management Association, Queensland Branch.

⁴ These units normally must be taken, but may be substituted with the approval of the course coordinator if the student has adequate prior knowledge in the relevant field.

⁵ Students must take MEN190 unless they obtain permission from the course coordinator not to do so. Project can be taken over either two semesters or one semester.

⁶ The unit must be worth 12 credit points. Permission of the course coordinator is required.

Course Structure

Students who commence mid-year should enrol in Semester 2 units. Units offered by the School of Construction Management and Property are 12 credit points. Units offered by the Brisbane Graduate School of Business are 6 credit points.

Full-time Course Structure*

Year 1, Semester 1

CNP100	Fundamentals of Facilities Management
CNP102	Space Planning & Workplace Strategies
GSN401	Managing in the Global Business*
GSN402	Strategic Use of Information Technology*
GSN404	Financial Statement Analysis 1*
GSN406	Human Resource Management Issues*

Year 1, Semester 2

CNP101	Facilities Support Services Management
CNP546	Strategic Asset Management & Maintenance
GSN405	Strategic Management*
GSN407	Professional Communication 1*
GSN409	Organisational Behaviour 1*
GSN415	Leadership 1*

Year 2, Semester 1

CNN103	Dissertation including Information Retrieval & Research Methods**
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Part-time Course Structure

Year 1, Semester 1

CNP100	Fundamentals of Facilities Management
GSN401	Managing in the Global Business*
GSN402	Strategic Use of Information Technology*

Year 1, Semester 2

CNP101	Facilities Support Services Management
GSN404	Financial Statement Analysis 1*
GSN406	Human Resource Management Issues*

Year 2, Semester 1

CNP102	Space Planning & Workplace Strategies
GSN405	Strategic Management*
GSN407	Professional Communication 1*

Year 2, Semester 2

CNP546	Strategic Asset Management & Maintenance 12cps, 3chw
GSN409	Organisational Behaviour 1*
GSN415	Leadership 1*

Year 3, Semester 1

CNN103-1	Dissertation including Information Retrieval & Research Methods**
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Year 3, Semester 2

CNN103-2	Dissertation including Information Retrieval & Research Methods**
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* 6 credit points

** 48 credit points (CNN103-1 & CNN103-2)

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

IFN001 Advanced Information Retrieval Skills is a compulsory unit in the Master of Facilities Management. 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. The credit point value of IFN001 is incorporated in the credit point of the Dissertation Unit CNN103-1 and CNN103-2.

■ Master of Landscape Architecture (PS71)

Location: Gardens Point campus

Course Duration: 2 years full-time plus 1 year part-time or 5 years part-time (excluding any Masters Qualifying Units)

Total Credit Points: 228 (excluding any Masters Qualifying Units)

Standard Credit Points/Full-time Semester:

Semesters 1 & 2: 48

Semesters 3 & 4: 48 minimum, 60 maximum

Semester 5: 12 minimum, 24 maximum

Semester 6: 12

Course Coordinator: Mr Glenn Thomas

Entry Requirements

To be eligible for normal admission an applicant must:

- hold a degree requiring at least three years' full-time (or its equivalent) study and completed with a grade point average of at least 5.0 on a seven-point scale; or
- other documented qualifications and experience considered as equivalent by the Head of School.

To enter the course, applicants with non-design qualifications require basic skills in design/perception theory, freehand and technical graphics. A three module Summer unit is available for this purpose. Computer literacy is also required. Graduates of the Bachelor of Built Environment (Landscape Architecture) considered eligible for direct entry under the above criteria will be granted block credit for the first 96 credit points of the course on admission. Students from other backgrounds may be granted credit as appropriate to their education and experience.

Professional Recognition

Professional accreditation for the course has been granted by the Australian Institute of Landscape Architects.

Full-time Course Structure

All units are 12 credit points. Please refer to the unit synopses section for more information.

Course Structure

Year 1, Semester 1

PSP261	Landscape Construction 1
PSP262	Communication & Practice 1

PSP263 Landscape Ecology
PSP264 Spatial Design Theory

Year 1, Semester 2

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

Year 2, Semester 1

PSP269 Advanced Construction & Practice 1
PSP270 Elective
PSP271 Advanced Landscape Design 1

Year 2, Semester 2

PSP272 Advanced Construction & Practice 2
PSP273 Landscape Planning
PSP274 Advanced Landscape Design 2

Year 3, Semester 1

PSN211 Research Project 1
PSN213 Specialisation

Year 3, Semester 2

PSN212 Research Project 2
PSN214 Elective

■ Master of Project Management (CN77)

A similar course is offered in Singapore (CN78).

Location: Gardens Point campus

Course Duration: 1.5 years full-time, 3 years part-time

Total Credit Points: 144

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Professor Terry Boyd

Entry Requirements

- (i) A relevant bachelor degree from an approved tertiary institution and demonstrated potential in professional activity to undertake masters degree course, OR
- (ii) Successful completion of CN64 Graduate Diploma in Project Management with a grade point average of 5.0 or better, OR
- (iii) Qualifications deemed equivalent to the above by the Dean of Faculty on the recommendation of the course coordinator, AND
- (iv) At least three years of appropriate industry experience after graduation.

The first two semesters full-time or four semesters part-time are identical to the Graduate Diploma in Project Management (CN64). Persons admitted to the Master of Project Management (CN77) 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 (CN64).

The Master of Project Management (CN77) has majors in Project Management and Property Development.

An Advanced Information Retrieval Skills unit is compulsory in the Master of Project Management. 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.

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

All units are 12 credit points. Please refer to the unit synopses section for more information.

PROJECT MANAGEMENT MAJOR (PJM)

Full-time Course Structure

Year 1, Semester 1

CNP520 Project Management
CNP521 Project Cost & Risk Management
CNP532 Innovation & Technology Management
CNP551 Project Human Resource Management

Year 1, Semester 2

CNP534 International Project Management
CNP533 Project Management Law
Two electives from Electives List A

Year 2, Semester 1

CNN442 Dissertation
(includes Research Methodology & Information Retrieval Skills lectures)

Electives List A

CNP545 Project Development
CNP552 Current Issues
CNP553 IT for Project Managers
CNP546 Strategic Asset Management & Maintenance

Part-time Course Structure

Year 1, Semester 1

CNP520 Project Management
CNP521 Project Cost & Risk Management

Year 1, Semester 2

CNP534 International Project Management
CNP533 Project Management Law

Year 2, Semester 1

CNP551 Project Human Resource Management
CNP532 Innovation & Technology Management

Year 2, Semester 2

Two electives selected from Electives List A below

Year 3, Semester 1

CNN442-1 Dissertation
(includes Research Methodology & Information Retrieval Skills lectures)

Year 3, Semester 2
CNN442-2 Dissertation

Electives List A

CNP545 Project Development
CNP546 Strategic Asset Management & Maintenance
CNP552 Current Issues
CNP553 IT for Project Managers

PROPERTY DEVELOPMENT MAJOR (PRD)

Full-time Course Structure

Year 1, Semester 1

CNP520 Project Management
CNP521 Project Cost & Risk Management
CNP547 Property Investment
One elective from List B

Year 1, Semester 2

CNP533 Project Management Law
CNP545 Project Development
CNP554 Advanced Land Development
One elective from Electives List B

Year 2, Semester 1

CNN442 Dissertation
(includes Research Methodology &
Information Retrieval Skills lectures)

Electives List B

CNP551 Project Human Resource Management
CNP552 Current Issues
CNP553 IT for Project Managers
CNP546 Strategic Asset Management & Maintenance
CNP555 Property Market Analysis
CNP556 Management & Contracts

Part-time Course Structure

Year 1, Semester 1

CNP520 Project Management
CNP521 Project Cost & Risk Management

Year 1, Semester 2

CNP554 Advanced Land Development
CNP545 Project Development

Year 2, Semester 1

CNP547 Property Investment
One elective from Electives List B

Year 2, Semester 2

CNP533 Project Management Law
One elective selected from Electives List B
below

Year 3, Semester 1

CNN442-1 Dissertation
(includes Research Methodology &
Information Retrieval Skills lectures)

Year 3, Semester 2

CNN442-2 Dissertation

Electives List B

CNP551 Project Human Resource Management
CNP552 Current Issues
CNP553 IT for Project Managers
CNP546 Strategic Asset Management & Maintenance
CNP555 Property Market Analysis
CNP556 Property Management & Contracts

Variations to the recommended study program require prior approval from the course coordinator. Up to 12 credit points of electives from other discipline areas may be included with the course coordinator's permission.

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

■ Master of Project Management (CN78) – Singapore

Location: Summershire Education Group, Singapore

Aim

The course aims to provide professionals with a high level of conceptual understanding of the field of project management. The masters program has two distinct majors: Project Management and Property Development. The course covers areas of theory and applied management, legal studies and economics. The course delivery encourages student interaction and follows a problem solving approach.

Course Outline

The course has coursework and research components. The coursework consists of five core and three elective units. Each unit comprises structured lectures, discussions, case study workshops and presentations. All masters candidates must undertake a research dissertation in an approved subject area.

For further information, please contact Associate Professor Danny Then on (07) 3864 1733.

■ Master of Property Economics (CN92)

Location: Gardens Point

Course Duration: 1.5 year full-time, 3 years part-time

Total Credit Points: 144

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Professor Terry Boyd

Entry Requirements

- (i) A relevant bachelor degree from an approved tertiary institution and demonstrated potential in professional activity to undertake masters degree course; OR
- (ii) Successful completion of CN91 Graduate Diploma in Property Economics with a grade point average of 5.0 or above; OR
- (iii) Qualifications deemed equivalent to the above by the Dean of Faculty on the recommendation of the course coordinator; AND

- (iv) At least three years of appropriate industry experience after graduation.

The first two semesters full-time or four semesters part-time are identical to the Graduate Diploma in Property Economics (CN91). Persons admitted to the Master of Property Economics (CN92) who are graduates of the Graduate Diploma in Property Economics (CN91) will be eligible to receive credit for all units studied in the Graduate Diploma and will need to submit an Application for 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 (CN91).

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

All units are 12 credit points. Please refer to the unit synopses section for more information.

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

Full-time Course Structure

Year 1, Semester 1

- CNP547 Property Investment
- CNP555 Property Market Analysis
- CNP556 Property Management & Contracts
- One elective from List A

Year 1, Semester 2

- CNP545 Project Development
- CNP554 Advanced Land Development
- CNP557 Property Portfolio Analysis
- One elective from List A

Year 2, Semester 1

- CNN442 Dissertation

Part-time Course Structure

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 & Contracts
- One elective from List A

Year 2, Semester 2

- CNP545 Project Development
- One elective from List A

Year 3, Semester 1
CNN442-1 Dissertation

Year 3, Semester 2
CNN442-2 Dissertation

List A

- CNP520 Project Management
- CNP521 Project Cost & Risk Management
- CNP533 Project Management Law
- CNP546 Strategic Asset Management & Maintenance
- CNP551 Project Human Resource Management
- CNP522 Current Issues
- CNP100 Fundamentals of Facilities Management
- CNP101 Facilities Support Services Management
- CNP102 Space Planning & Workplace Strategies

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.

■ Master of Urban and Regional Planning (PS70)

Location: Gardens Point campus

Course Duration: Four semesters full-time or eight semesters part-time

Total Credit Points: 192

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr Danny O'Hare

Entry Requirements

To be eligible for direct entry into the course an applicant must have either:

- (i) a recognised tertiary degree requiring at least three years' full-time study (or its equivalent), or
- (ii) other documented qualifications and experience considered to be equivalent by the Head of School. Applicants may be required to attend an interview, or sit an examination, where appropriate as part of the selection process.

A graduate of the modified Graduate Diploma in Urban and Regional Planning (offered from 1996) may apply to enrol in the Master of Urban and Regional Planning and if accepted will be given credit for Modules A, B and C.

Graduates who completed the Graduate Diploma in Urban and Regional Planning before 1996 will be allowed credit for the new Graduate Diploma in Urban and Regional Planning to enter the Masters program, depending on their grade point average, work experience and length of time which has elapsed since graduation. Such graduates may be required to complete units in the new Graduate Diploma in Urban and Regional Planning. Each case

will be treated on its individual merits and will be decided by the Head of School in consultation with the graduate concerned and staff.

Full-time Course Structure

The program is being offered with entry at the start of the year, and for BBltEnv(URP) graduates, also through second semester entry. Students must complete four modules to complete the masters degree. Each module is worth 48 credit points, equivalent to one semester full-time or two semesters part-time. Modules may be offered in either first or second semester.

All units are 12 credit points. Please refer to the unit synopses section for more information.

Module A

PSP501	Environmental Planning & Assessment
PSP502	Economic & Social Foundations of Planning
PSP503	Planning & Research Methods
PSP504	Urban Systems & Infrastructure

Module B

PSP505	Planning in Society
PSP506	Planning Theory & Ethics
PSP507	Planning Procedures & Law
PSP508	Planning Practice 1
PSP513	Field Trip

Module C

PSP211	Research Project 1 & Advanced Research Methods
PSP509	Regional & Metropolitan Policy
PSP510	Specialisation
PSP512	Planning Practice 2
PSP513	Field Trip

Module D

PSN212	Research Project 2
PSN214	Elective
PSN221	Advanced Specialisation
PSN223	Special Topics in Planning Methods

Part-time Course Structure

Part-time students choose two of the four units offered each semester. The following is the recommended selection.

Module A1

PSP503	Planning & Research Methods
PSP504	Urban Systems & Infrastructure

Module B1

PSP507	Planning Procedures & Law
PSP508	Planning Practice 1
PSP513	Field Trip

Module A2

PSP501	Environmental Planning & Assessment
PSP502	Economic & Social Foundations of Planning

Module B2

PSP505	Planning in Society
PSP506	Planning Theory & Ethics

Module C1

PSP509	Regional & Metropolitan Policy
PSP512	Planning Practice 2

Module D1

PSN214	Elective
PSN223	Special Topics in Planning Method

Module C2

PSP211	Research Project 1 & Advanced Research Methods
PSP510	Specialisation

Module D2

PSN212	Research Project 2
PSN221	Advanced Specialisation

Notes

PSP510 Specialisation and PSN221 Advanced Specialisation offer specialisations in local and regional development, urban housing and community development, urban design and environmental and resource planning. Other special topics may be offered depending on staff availability.

PSN214 Elective allows students to choose an elective unit worth 12 credit points from elsewhere in QUT or at another tertiary institution, subject to approval of the course coordinator.

■ Graduate Diploma in Computer & Communications Engineering (EE66)

Location: Gardens Point campus

Course Duration: 1 year full-time, 2 years part-time

Total Credit Points: 96

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Mr John Edwards

Entry Requirements

Applicants must hold a bachelor degree in Engineering or Computer Science. Applicants possessing a degree in other areas of technology such as Mathematics, Physics or Chemistry may be required to undertake prerequisite undergraduate units.

Course Structure

All units are 12 credit points. Please refer to the Unit Synopses section for more information.

Year 1, Semester 1

EEP101	Algorithms for Control Engineering
EEP102	Unix & C for Engineers
EEP124	Data Communications
EEP129	Image Processing & Computer Vision

Year 1, Semester 2

EEP103	Computer Hardware & Interfacing
EEP104	Real-time Operating Systems
EEP120	Networks & Distributed Computing
EEP123	Process Control & Robotics

Part-time Course Structure

Year 1, Semester 1

EEP101	Algorithms for Control Engineering
EEP102	Unix & C for Engineers

Year 1, Semester 2

EEP103	Computer Hardware & Interfacing
EEP104	Real-time Operating Systems

Year 2, Semester 1

EEP124	Data Communications
EEP129	Image Processing & Computer Vision

Year 2, Semester 2

EEP120	Networks & Distributed Computing
EEP123	Process Control & Robotics

■ Graduate Diploma in Electricity Supply Engineering (EE60)

Location: Gardens Point campus

Course Duration: 1 year full-time, 2 years part-time

Total Credit Points: 96

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Associate Professor David Birtwhistle

Entry Requirements

A bachelor degree in Electrical Engineering with a study of power subjects to third-year level. Also provision for entry by associate diploma/advanced diploma holders with industry experience (contact course coordinator).

Full-time Course Structure

Year 1, Semester 1

12 Units (selected from List)

Year 1, Semester 2

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)

Year 2, Semester 1

6 Units (selected from List)

Year 2, Semester 2

6 Units (selected from List)

List of Units

Refer to the List of Units under the course entry for the Master of Engineering Science (Electricity Supply Engineering) (EE78) in this section.

■ Graduate Diploma in Industrial Design (AR61)

Location: Gardens Point campus

Course Duration: 1 year full-time, 2 years part-time

Total Credit Points: 96

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Associate Professor Vesna Popovic

Entry Requirements

To be eligible for admission, an applicant must:

- hold an approved degree or diploma from a recognised tertiary institution; or
- have attained professional recognition by an equivalent course of study or examination.

Professional Recognition

The Graduate Diploma in Industrial Design has been accredited by the Design Institute of Australia (DIA). Graduates are eligible for Associate membership on graduation.

Full-time Course Structure

All units are 12 credit points. Please refer to the unit synopses section for more information.

Semester 1

ADP207	Industrial Design 5
ADP267	Industrial Design Research 1
ADP217	Professional Practice & Management
ADP247	Advanced Computer Aided Industrial Design

Semester 2

ADP218	Advanced Ergonomics
ADP268	Industrial Design Research 2A
ADP269	Industrial Design Research 2B
ADP943	Elective 3*

Part-time Course Structure

Year 1, Semester 1

ADP207	Industrial Design 5
ADP247	Advanced Computer Aided Industrial Design

Year 1, Semester 2

ADP218	Advanced Ergonomics
ADP943	Elective 3*

Year 2, Semester 1

ADP267	Industrial Design Research 1
ADP217	Professional Practice & Management

Year 2, Semester 2

ADP268	Industrial Design Research 2A
ADP269	Industrial Design Research 2B

* Elective units must be approved by the Course Coordinator.

■ Graduate Diploma in Interior Design (AR62)

Location: Gardens Point campus

Course Duration: 1 year full-time, 2 years part-time

Total Credit Points: 96

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Associate Professor Jill Franz

Entry Requirements

To be eligible for admission, an applicant must:

- (i) hold an approved degree or diploma from a recognised tertiary institution, or
- (ii) have attained professional recognition by an equivalent course of study or examination.

Professional Recognition

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

Full-time Course Structure

All units are 12 credit points. Please refer to the unit synopses section for more information.

Year 1, Semester 1

ADP107 Interior Design 7
ADP114 Professional Studies 1
ADP161 Interior Research 1
ADP155 Interior as a Construct 1

Year 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 Construct 1

Year 1, Semester 2

ADP932 Professional Studies 2
ADP156 Interior as 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)

Location: Gardens Point campus

Course Duration: 2 years full-time, 4 years part-time

Total Credit Points: 192

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Mr Glenn Thomas

Entry Requirements

To be eligible for normal admission, an applicant must:

- (i) hold a degree or diploma from a recognised tertiary institution, or

- (ii) have attained professional recognition by a course of study or examination.

Special entry provisions also apply, prior to beginning studies in the course. Applicants are required to have appropriate skills and knowledge in basic design/perception, freehand graphics, and technical drawing (a summer unit PSP275 Introductory Design and Graphics is available for this purpose).

Graduates of the Bachelor of Built Environment (Landscape Architecture) considered eligible for direct entry under the above criteria will be granted block credit for the first 96 credit points of the course on admission. Students from other backgrounds may be granted credit as appropriate to their education and experience.

Professional Recognition

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

Full-time Course Structure

All units are 12 credit points. Please refer to the unit synopses section for more information.

Year 1, Semester 1

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

Year 1, Semester 2

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

Year 2, Semester 1

PSP269 Advanced Construction & Practice 1
PSP270 Elective
PSP271 Advanced Landscape Design 1

Year 2, Semester 2

PSP272 Advanced Construction & Practice 2
PSP273 Landscape Planning
PSP274 Advanced Landscape Design 2

■ Graduate Diploma in Civil Engineering (CE64)

Location: Gardens Point campus

Course Duration: 2 years part-time

Total Credit Points: 96

Standard Credit Points/Part-time Semester: 24

Course Coordinator: To be advised

Entry Requirements

To be eligible for admission an applicant must hold an acceptable degree or diploma in engineering from a recognised institution.

Applicants who do not meet the requirements for normal entry but who hold a degree or diploma in a scientific or technological field or other equivalent qualifications or hold professional engineering recognition may be required to complete such prerequisite engineering units as may be determined by the Head, School of Civil Engineering prior to enrolment in the course.

Note: No credit may be obtained for work completed as part of an undergraduate program, or for undergraduate units.

Course Structure

The course has two majors. It consists of 48 credit points (12 semester hours) of core material common to all majors and a minimum of 48 credit points (12 semester hours) of material prescribed for majors. The majority of the units are common with the Master of Engineering Science (Civil) (CE74) and the Graduate Certificate in Civil Engineering (CE62).

Students may transfer from the Graduate Diploma in Civil Engineering to the Master of Engineering Science (Civil). For further details on the transfer arrangement refer to the Master of Engineering (Civil) entry in this section.

Students who do not wish to undertake a major must complete the core units plus any combination of units from the majors totalling at least 48 credit points.

All units are 12 credit points. Please refer to the Unit Synopses section for more information.

ENVIRONMENTAL ENGINEERING MAJOR (EVN)

Year 1, Semester 1

CEP141 Studies in Environmental Engineering
CEP295 Civil Engineering in a Project Environment

Year 1, Semester 2

CEP291 Environmental Law & Assessment 2
CEP201 Process Modelling

Year 2, Semester 1

CEP142 Water Pollution Control
Elective

Year 2, Semester 2

CEP143 Biological Treatment Processes
Elective

TRANSPORTATION ENGINEERING MAJOR (TRN)

Year 1, Semester 1

CEP218 Transportation Engineering
CEP295 Civil Engineering in a Project Environment

Year 1, Semester 2

CEP216 Advanced Traffic Engineering
CEP201 Process Modelling

Year 2, Semester 1

CEP151 Road Safety Audit
Elective

Year 2, Semester 2

Elective
Elective

Semester 1 electives

CEP295 Civil Engineering in a Project Environment
CEP293 Pavement Design
CEP218 Transportation Engineering
CEP141 Studies in Environmental Engineering
CEP151 Road Safety Audit
CEP142 Water Pollution Control
CEP176 Engineering Practice 1¹
CEP150 Engineering Investigation Project²

Semester 2 electives

CEP175 Pavement Maintenance Rehabilitation & Recycling
CEP294 Engineering Contract Development & Administration
CEP291 Environmental Law & Assessment
CEP216 Advanced Traffic Engineering
CEP201 Process Modelling
CEP143 Biological Treatment Processes
CEP292 Engineering Practice 2¹
CEP150 Engineering Investigation Project²

■ Graduate Diploma in Geographic Information Systems (PS78)

Location: Gardens Point campus

Course Duration: 2 semesters full-time, 4 semesters part-time

Total credit points: 96

Course Coordinator: Dr John Hayes

Entry requirements

- A relevant bachelor degree or diploma from an approved tertiary institution; OR
- qualifications deemed equivalent to the above by the Head, School of Planning, Landscape Architecture and Surveying; OR
- other academic qualifications supported by a minimum of 2 years work experience of relevant depth and breadth on application to the Head, School, Planning, Landscape Architecture and Surveying.

¹ This unit may not be offered every semester. Advice must be sought from the course coordinator before enrolling.

² This unit is offered only if fully supported by an employer. Advice must be sought from the course coordinator before enrolling.

Full-time Course Structure

Semester 1

PSB631	Geographic Information Systems
PSN214	Elective (Project Based)
	Select two electives

Semester 2

PSB654	Topics in Spatial Information Science
PSP326	GIS/GPS
	Select two electives

Electives*

Semester 1

BNB011	Fundamentals of Synthetic Environments
PSP311	Professional Practice Management 1
PSP316	Survey Computing & Processing
PSP501	Environmental Planning & Assessment
PSP504	Urban Systems & Infrastructure
PSB432	History of the Built Environment
PSB612	Spatial & Land Information Management
PSB630	Cartography & Digital Mapping
PSB643	Geodesy
PSN213	Specialisation (Project Based)
PSP510	Specialisation (Project Based)

Semester 2

PSP273	Landscape Ecology
PSP330	Professional Practice Management 2
PSP268	Site Planning
PSP503	Planning & Research Methods
PSB632	Photogrammetry
PSB633	Map Production Principles & Practice
PSB644	Advanced Geodesy
PSB655	Remote Sensing
PSN221	Advanced Specialisation

* Units offered subject to availability

■ Graduate Diploma in Geomatics (PS74)

Location: Gardens Point campus

Course Duration: 2 semesters full-time; 4 semesters part-time

Total Credit Points: 96

Course Coordinator: Dr John Hayes

Entry requirements

- a recognised tertiary degree requiring at least four years full time study or its equivalent; or
- a degree from another tertiary institution considered by the Head, School of Planning, Landscape Architecture and Surveying to be at least equivalent to the degree of Bachelor of Surveying of this University.

In addition, graduates should have at least one year's field experience (or its equivalent) following graduation in the practice of surveying. Entry will also be available on the basis of other academic qualifications supported by a minimum of two years work experience of relevant depth and breadth on application to the Head of School.

Overview

The content includes subjects in Geomatics and GIS at undergraduate level, postgraduate level, or project based. Individual programs can therefore be advised to suit the needs of individual students. The Certificate and Diploma is recognised professionally by the Mapping Sciences Institute, Australia.

Semester 1

PSP311	Professional Practice Management 1
PSP316	Surveying Computing & Processing 1

Electives

PSP314	Boundary Definition Surveys 1
PSP317	Property Development Surveys
PSP329	Urban Drainage
	or any other electives as approved by the Course Coordinator.

Semester 2

Core Units

PSP323	Project Site Surveys
PSP326	GIS/GPS

Electives

PSB631	Geographic Information Systems
PSB633	Mapping Production Principles & Practice
PSN213	Specialisation
	or any other electives as approved by the Course Coordinator.

■ Graduate Diploma in Project Management (CN64)

A similar course is offered in Singapore (CN65).

Location: Gardens Point campus

Course Duration: 1 year full-time, 2 years part-time

Total Credit Points: 96

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Professor Terry Boyd

Entry Requirements

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

The Graduate Diploma in Project Management has majors in Project Management and Property Development.

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

All units are 12 credit points. Please refer to the Unit Synopses section for more information.

PROJECT MANAGEMENT MAJOR (PJM)

Full-time Course Structure

Year 1, Semester 1

- CNP520 Project Management
- CNP521 Project Cost & Risk Management
- CNP532 Innovation & Technology Management
- CNP551 Project Human Resource Management

Year 1, Semester 2

- CNP533 Project Management Law
- CNP534 International Project Management
- Two electives selected from Electives List A below

Electives List A (Semester 2)

- CNP545 Project Development
- CNP552 Current Issues
- CNP553 IT for Project Managers
- CNP546 Strategic Asset Management & Maintenance

Part-time Course Structure

Year 1, Semester 1

- CNP520 Project Management
- CNP521 Project Cost & Risk Management

Year 1, Semester 2

- CNP534 International Project Management
- CNP533 Project Management Law

Year 2, Semester 1

- CNP532 Innovation & Technology Management
- CNP551 Project Human Resource Management

Year 2, Semester 2

- Two electives selected from Electives List A below

Electives List A

- CNP545 Project Development
- CNP552 Current Issues
- CNP553 IT for Project Managers
- CNP546 Strategic Asset Management & Maintenance

PROPERTY DEVELOPMENT MAJOR (PRD)

Full-time Course Structure

Year 1, Semester 1

- CNP520 Project Management
- CNP521 Project Cost & Risk Management
- CNP547 Property Investment
- One elective from List B

Year 1, Semester 2

- CNP533 Project Management Law
- CNP545 Project Development
- CNP554 Advanced Land Development
- One elective from List B

Part-time Course Structure

Year 1, Semester 1

- CNP520 Project Management
- CNP521 Project Cost & Risk Management

Year 1, Semester 2

- CNP545 Project Development
- CNP554 Advanced Land Development

Year 2, Semester 1

- CNP547 Property Investment
- One elective from List B

Year 2, Semester 2

- CNP533 Project Management Law
- One elective from List B

Electives List B

- CNP551 Project Human Resource Management
- CNP552 Current Issues
- CNP553 IT for Project Managers
- CNP546 Strategic Asset Management & Maintenance
- CNP555 Property Market Analysis
- CNP556 Property Management & Contracts

Variations to the recommended study program require prior approval from the course coordinator. Up to 12 credit points of electives from other discipline areas may be included with the course coordinator's permission.

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

■ Graduate Diploma in Project Management (CN65) – Singapore

Location: Summershire Education Group, Singapore

Aim

The course aims to provide professionals with a sound understanding of the overall management processes in the field of project management. The graduate diploma has two distinct majors: Project Management and Property Development. The course covers areas of theory and applied management, legal studies and economics. The course delivery encourages student interaction and follows a problem solving approach.

Course Outline

The course units are offered in a part-time concentrated mode over two years. The coursework consists of five core and three elective units. Each unit comprises structured lectures, discussions, case study workshops and presentations. Students completing this course will have the opportunity to articulate into the Master of Project Management (CN78), with only the research dissertation on an approved topic required to fulfil the Master's requirements.

For further information on the course, please contact Associate Professor Danny Then on (07) 3864 1733.

■ Graduate Diploma in Property Economics (CN91)

Location: Gardens Point

Course Duration: 1 year full-time, 2 years full-time

Total Credit Points: 96

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Professor Terry Boyd

Entry Requirements

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

Course Structure

All units are 12 credit points. Please refer to the Unit Synopses section for more information.

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

Full-time Course Structure

Year 1, Semester 1

- CNP547 Property Investment
- CNP555 Property Market Analysis
- CNP556 Property Management & Contracts
One elective from List A

Year 1, Semester 2

- CNP545 Project Development
- CNP554 Advanced Land Development
- CNP557 Property Portfolio Analysis
One elective from List A

Part-time Course Structure

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 & Contracts
One elective from List A

Year 2, Semester 2

- CNP545 Project Development
One elective from List A

List A

- CNP520 Project Management
- CNP521 Project Cost & Risk Management
- CNP533 Project Management Law
- CNP546 Strategic Asset Management & Maintenance

- CNP551 Project Human Resource Management
- CNP522 Current Issues
- CNP100 Fundamentals of Facilities Management
- CNP101 Facilities Support Services Management
- CNP102 Space Planning & Workplace Strategies

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.

■ Graduate Diploma in Surveying Practice (PS68)

Location: Gardens Point campus

Course Duration: 1 year full-time (16 weeks), or part-time equivalent. Alternative study modes available – see course coordinator.

Total Credit Points: 96

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr John Hayes

Professional Recognition

Successful completion of the course leads to registration and licensing by the Surveyors Board of Queensland.

Entry Requirements

To be eligible for admission an applicant must hold the following:

- (i) a Bachelor of Surveying degree from the Queensland University of Technology, or
- (ii) a Bachelor of Surveying degree from the University of Queensland, or
- (iii) from another tertiary institution a degree acceptable to the Surveyors Board of Queensland and considered by the Head of the School of Planning, Landscape Architecture, and Surveying to be at least equivalent to QUT's Bachelor of Surveying degree.

Applicants who do not meet the requirements for normal entry but who hold a tertiary qualification in a technological field or other equivalent qualifications may be required to complete such prerequisite surveying and other units as may be determined by the Head of School prior to enrolment in the course.

Applicants for admission must have at least one year of practical experience in the practice of surveying following graduation, or its equivalent.

Full-time Course Structure

All units are 12 credit points. Please refer to the Unit Synopses section for more information.

Semester 1

PSP311	Professional Practice Management
PSP314	Boundary Definition Surveys
PSP316	Survey Computing & Processing
PSP317	Property Development Surveys

Semester 2

PSP323	Project Site Surveys
PSP326	GIS & GPS
PSP327	Engineering Surveying
PSP328	Boundary Definition Surveys

Part-time Course Structure

Year 1, Semester 1

PSP314	Boundary Definition Surveys
PSP316	Survey Computing & Processing

Year 1, Semester 2

PSP323	Project Site Surveys
PSP326	GIS & GPS

Year 2, Semester 1

PSP311	Professional Practice Management
PSP317	Property Development Surveys

Year 2, Semester 2

PSP327	Engineering Surveying
PSP328	Boundary Definition Surveys

■ Graduate Diploma in Urban and Regional Planning (PS72)

Location: Gardens Point campus

Course Duration: 3 semesters full-time or 6 semesters part-time

Total Credit Points: 144

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr Danny O'Hare

Entry Requirements

To be eligible for admission an applicant must:

- hold a degree or diploma from a recognised tertiary institution, or
- have attained professional recognition by an equivalent course of study or examination. Applicants may be required to attend an interview, or sit an examination, where appropriate, as part of the selection process.

Note: Graduates from QUT's Bachelor of Built Environment (Urban and Regional Planning) shall be credited with the first semester of full-time study or first two semesters of part-time study (Module A). Students from other backgrounds may be granted credit as appropriate to their education and experience.

Students who have completed units in the Graduate Diploma in Urban and Regional Planning before 1996 will be allowed credit for units in the new Graduate Diploma in Urban and Regional Planning, depending on their grade point average, the length of time which

has elapsed since completion, and recent experience. Each case will be treated on its individual merits and will be decided by the Head of School in consultation with the student concerned and staff.

Full-time Course Structure

The program is offered with entry in first semester and for BBlEnv(URP) graduates in second semester. Students must complete three modules to complete the graduate diploma. Each module is worth 48 credit points, equivalent to one semester full-time or two semesters part-time. Modules may be offered in either first or second semester.

All units are 12 credit points. Please refer to the unit synopses section for more information.

Module A

PSP501	Environmental Planning & Assessment
PSP502	Economic & Social Foundations of Planning
PSP503	Planning & Research Methods
PSP504	Urban Systems & Infrastructure

Module B

PSP505	Planning in Society
PSP506	Planning Theory & Ethics
PSP507	Planning Procedures & Law
PSP508	Planning Practice 1
PSP513	Field Trip

Module C

PSP211	Research Project I & Advanced Research Methods
PSP509	Regional & Metropolitan Policy
PSP510	Specialisation
PSP512	Planning Practice 2

Part-time Course Structure

Part-time students choose two of the four units offered each semester. The following is the recommended selection:

Module A1

PSP503	Planning & Research Methods
PSP504	Urban Systems & Infrastructure

Module B1

PSP507	Planning Procedures & Law
PSP508	Planning Practice 1
PSP513	Field Trip

Module A2

PSP501	Environmental Planning & Assessment
PSP502	Economic & Social Foundations of Planning

Module B2

PSP505	Planning in Society
PSP506	Planning Theory & Ethics

Module C1

PSP509	Regional & Metropolitan Policy
PSP512	Planning Practice 2

Module C2

PSP211	Research Project 1 & Advanced Research Methods
PSP510	Specialisation

Note: PSP510 Specialisation offers specialisations in local and regional development, urban housing and community development, urban design and environmental and resource planning. Other special topics may be offered depending on staff availability.

■ Graduate Diploma in Urban Design (PS69)

Location: Gardens Point campus

Course Duration: 1 year full-time, 1.5 – 2 years part-time

Total Credit Points: 96

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr Danny O'Hare

Entry Requirements

To be eligible for admission an applicant must hold a Bachelor degree with a grade point average of 5.0 or better and demonstrated potential in a relevant professional activity, or a relevant graduate diploma with a grade point average of 5.0 or better, or a qualifying program with a grade point average of 5.0 or better.

Applicants are considered initially for acceptance in the Graduate Diploma in Urban Design. At the completion of one semester for full-time students and 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.

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.

Full-time Course Structure

All units are 12 credit points. Please refer to the Unit Synopses section for more information.

Semester 1

ARB081 History, Theory & Criticism of Urban Design
ARB082 Urban Design Studio B
PSP451 Production & Use of the Built Environment

Semester 2

PSN214 Elective
OR
PSN211 Research Project 1
PSP452 Urban Design Studio A
PSP453 Urban Systems & the Physical Environment

Part-time Course Structure

Year 1 Semester 1

ARB081 History, Theory & Criticism of Urban Design
PSP451 Production & Use of the Built Environment

Year 1 Semester 2

PSP452 Urban Design Studio A
PSP453 Urban Systems & the Physical Environment

Year 2 Semester 1

ARB082 Urban Design Studio B
PSN214 Elective
OR
PSN211 Research Project 1

■ Graduate Certificate in Advanced Landscape Techniques (PS77)

Location: Gardens Point campus

Duration: 2 semesters part-time

Total Credit Points: 48

Course Coordinator: Mr Glenn Thomas

Entry Requirements

To be eligible for admission, an applicant must have completed the Graduate Certificate in Landscape Techniques (PS75) and the Graduate Certificate in Landscape Design (PS76) or approved equivalent.

Part-time Course Structure

Semester 1

PSP269 Advanced Construction and Practice 1
PSP270 Elective

Semester 2

PSP272 Advanced Construction and Practice 2
PSP273 Landscape Planning

■ Graduate Certificate in Building Fire Safety (AR65)

Location: Gardens Point campus

Course Duration: 2 semesters part-time

Total Credit Points: 48

Standard Credit Points/Part-time Semester: 24

Course Coordinator: Professor Bill Lim

Note: This course will be delivered by part-time study of four to five periods of weekend sessions per semester. Students will be notified of 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

All units are 12 credit points. Please refer to the Unit Synopses section for more information.

Year 1, Semester 1

ARB801 Fire Technology & Science

ARB803 Fire & Building Legislation

Year 1, Semester 2

ARB802 Human Behaviour & Fire

ARB804 Fire Safety System Design

Note: ARB801 and ARB803 are prerequisites to ARB804. ARB802 is a corequisite with ARB804.

■ Graduate Certificate in Built Environment (Healthy Buildings) (AR66)*

Location: Gardens Point campus

Duration: 1 year part-time (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.

Overview

Graduates will be equipped with up-dated knowledge and skills to achieve:

- a thorough understanding of the environments necessary for the sustainability of healthy buildings;
- holistic approach to achieve healthy buildings and an appreciation of the relationship of building components contributing to the healthy state of buildings;
- general proficiency in the procedure of design, construction and maintenance of healthy buildings, ability to diagnose symptoms and to suggest improvement and remedy to dysfunctional buildings.

Further information

School of Architecture, Interior and Industrial Design.
Phone +61 7 3864 2283; fax +61 7 3864 1528.

Course Structure

Semester 1

PUN303 The Health Aspects of Healthy Buildings

ARP901 The Physical Environment of Healthy Buildings

Semester 2

ARP902 Management of Healthy Buildings

ARP903 Building Diagnostics

* Subject to University approval.

■ Graduate Certificate in Civil Engineering (CE62)

Location: Gardens Point campus

Course Duration: The course is normally taken over 2 semesters on a part-time basis. (The course must be completed in a maximum of four semesters.)

Total Credit Points: 48

Course Coordinator: To be advised

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) on the condition that they possess an undergraduate degree in engineering.

Note: No credit may be obtained for work completed as part of an undergraduate program, or for undergraduate units.

Course Structure

All units are 12 credit points. Please refer to the Unit Synopses section for more information.

ROAD ENGINEERING MAJOR

Semester 1

CEP293 Pavement Design
One Elective

Semester 2

CEP175 Pavement Maintenance Rehabilitation & Recycling
One Elective

ENGINEERING ADMINISTRATION MAJOR

Semester 1

CEP295 Civil Engineering in a Project Environment
One Elective

Semester 2

CEP294 Engineering Contract Development & Administration
One Elective

ENVIRONMENTAL ENGINEERING MAJOR

Semester one

CEP141 Studies in Environmental Engineering
One elective

Semester two

CEP291 Environmental Law Assessment
One elective

TRANSPORT ENGINEERING MAJOR

Semester 1

CEP218 Transportation Engineering
Elective 1

Semester 2

CEP216 Advanced Traffic Engineering
Elective 2

Semester 1 Electives

CEP141	Studies in Environmental Engineering
CEP142	Water Pollution Control
CEP150	Engineering Investigation Project ²
CEP151	Road Safety Audit
CEP176	Engineering Practice 1 ¹
CEP218	Transportation Engineering
CEP293	Pavement Design
CEP295	Civil Engineering in a Project Environment

Semester 2 Electives

CEP143	Biological Treatment Processes
CEP150	Engineering Investigation Project ²
CEP175	Pavement Maintenance Rehabilitation & Recycling
CEP201	Process Modelling
CEP216	Advanced Traffic Engineering
CEP291	Environmental Law & Assessment
CEP292	Engineering Practice 2 ¹
CEP294	Engineering Contract Development & Administration

■ Graduate Certificate in Electricity Supply Engineering (EE82)**Location:** Gardens Point campus**Course Duration:** 1 semester full-time, 2 semesters part-time**Total Credit Points:** 48**Standard Credit Points/Full-time Semester:** 48**Course Coordinator:** Associate Professor David Birtwhistle**Entry Requirements**

A Bachelor degree in Electrical Engineering with a study of power subjects to third year level. Also provision for entry by Associate Diploma/Advanced Diploma holders with industry experience (contact course coordinator).

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 of Units

Refer to the list of units under the Master of Engineering Science (Electricity Supply Engineering) (EE78) course entry in this section.

¹ This unit may not be offered every semester. Advice must be sought from the course coordinator before enrolling.

² This unit is offered only if fully supported by an employer. Advice must be sought from the course coordinator before enrolling.

■ Graduate Certificate in Engineering Management (ME75)**Location:** Gardens Point campus**Course Duration:** 1 semester full-time, 1 year part-time**Total Credit Points:** 48**Course Coordinator:** Dr Jun Wang

A similar course (ME74) is offered in Singapore in conjunction with Crossfields Asia Pacific Pte Ltd.

Entry Requirements

- a bachelor's degree in Engineering (or its equivalent) or
- relevant training or experience considered by the course coordinator as appropriate for entry to the course.

Course Requirements

Students will take four of the following units. All units are offered in the Master of Engineering Science Management (ME76). The course may be taken full-time or part-time.

Units offered**Semester 1**

MEN171	Advanced Manufacturing Technologies
MEN177	Total Quality Management
MEN241	Reliability & Maintenance Management
MEN280	Engineering Project Management

Semester 2

MEN170	Systems Modelling & Simulation
MEN172	Cost Analysis & Asset Management
MEN175	Energy & Environmental Management
MEN272	Enterprise Resources Planning

■ Graduate Certificate in Engineering Management (ME74) – Singapore**Location**

Singapore (Organised by Crossfields Asia Pacific Pte Ltd.)

Aim

The aim of the course is to provide engineers with an introduction to management methods and systems of key relevance to the engineering profession. Particular emphasis is given to manufacturing and management, and to maintenance, quality and reliability.

Course Outline

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

For further information about the course, please contact Ms Iola Ternel, School of Mechanical Manufacturing and Medical Engineering on (07) 3864 1398.

■ Graduate Certificate in Geographic Information Systems (PS79)

Location: Gardens Point

Duration: 1 semester full time or 2 semesters part time

Total credit points: 48

Course Coordinator: Dr John Hayes

Entry requirements

A relevant bachelor degree or diploma from an approved tertiary institution; or

- qualifications deemed equivalent to the above by the Head, School of Planning, Landscape Architecture and Surveying; or
- other academic qualifications supported by a minimum of 2 years work experience of relevant depth and breadth on application to the Head, School of Planning, Landscape Architecture and Surveying.

Full-time Course Structure

Year 1, Semester 1

PSB631	Geographic Information Systems
PSN214	Elective (Project-based)
	Select 2 electives

Part-time Course Structure

Year 1, Semester 1

PSB654	Topics in Spatial Information Science
	Select 1 elective

Year 1, Semester 2

PSP326	GIS/GPS
	Select 1 elective

Electives*

Semester 1

BNB011	Fundamentals of Synthetic Environments
PSP311	Professional Practice Management 1
PSP316	Survey Computing & Processing
PSP501	Environmental Planning & Assessment
PSP504	Urban Systems & Infrastructure
PSB432	History of the Built Environment
PSB612	Spatial & Land Information Management
PSB630	Cartography & Digital Mapping
PSB643	Geodesy

PSN213	Specialisation (Project Based)
PSP510	Specialisation (Project Based)

Semester 2

PSP273	Landscape Ecology
PSP330	Professional Practice Management 2
PSP268	Site Planning
PSP503	Planning & Research Methods
PSB632	Photogrammetry
PSB633	Map Production Principles & Practice
PSB644	Advanced Geodesy
PSB655	Remote Sensing
PSN221	Advanced Specialisation

* Units offered subject to availability

■ Graduate Certificate in Geomatics (PS73)

Location: Gardens Point campus

Duration: 1 semester full-time, 2 semesters part-time

Total Credit Points: 48

Course Coordinator: Dr John Hayes

Entry requirements

- a recognised tertiary degree requiring at least four years full-time study or its equivalent; or
- a degree from another tertiary institution considered by the Head, School of Planning, Landscape Architecture and Surveying to be at least equivalent to the degree of Bachelor of Surveying of this University.

In addition, graduates should have at least one years field experience (or its equivalent) following graduation in the practice of surveying. Entry will also be available on the basis of other academic qualifications supported by a minimum of two years work experience of relevant depth and breadth on application to the Head of School.

Overview

The content includes subjects in Geomatics and GIS at undergraduate level, postgraduate level, or project based. Individual programs can therefore be advised to suit the needs of individual students. The Certificate and Diploma is recognised professionally by the Mapping Sciences Institute, Australia.

Semester 1

PSP311	Professional Practice Management 1
PSP316	Surveying Computing & Processing 1

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)

Location: Gardens Point campus

Duration: 1 semester full-time, 2 semesters part-time

Total Credit Points: 48

Course Coordinator: Mr Glenn Thomas

Entry Requirements

To be eligible for admission, an applicant must have completed Graduate Certificate in Landscape Techniques (PS75) or approved equivalent.

Full-time Course Structure

Semester 1

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

Part-time Course Structure

Semester 1

PSP265	Landscape Construction 2
PSP266	Communication & Practice 2

Semester 2

PSP267	Heritage & Plant Studies
PSP268	Site Planning

■ Graduate Certificate in Landscape Techniques (PS75)

Location: Gardens Point campus

Course Duration: 1 semester full-time, 2 semesters part-time

Total Credit Points: 48

Course Coordinator: Mr Glenn Thomas

Entry Requirements

To be eligible for normal admission, an applicant must have:

- (i) A relevant two year diploma and industry experience or approved equivalent; or
- (ii) a three year diploma or bachelors degree.

Applicants to enter this course from non-design qualifications require basic skills in design/perception theory, freehand and technical graphics. Computer literacy is also required.

Full-time Course Structure

Semester 1

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

Part-time Course Structure

Semester 1

PSP261	Landscape Construction 1
PSP262	Communication & Practice 1

Semester 2

PSP263	Landscape Ecology
PSP264	Spatial Design Theory

■ Graduate Certificate in Planning Studies (PS82)

Location: Gardens Point campus

Course Duration: 1 semester full-time, 2-4 semesters part-time

Total Credit Points: 48

Course Coordinator: Dr Danny O'Hare

Entry Requirements

To be eligible for normal admission, an applicant must have:

- (i) a recognised tertiary degree in any discipline requiring at least three years full time study or its equivalent; or
- (ii) other documented qualifications and experience considered to be equivalent by the Head, School of Planning, Landscape Architecture and Surveying. Applicants may be required to attend an interview, or sit an examination where appropriate, as part of the selection process.

Students enrolling in the Graduate Certificate will select an approved program comprising four units of 12 credit points drawn from the list below.

Course Structure

PSP503	Planning & Research Methods
PSP505	Planning in Society
PSP510	Specialisation (Housing or Local Economic Development)
PSN221	Advanced Specialisation
PSP211	Research Project 1 & Advanced Research Methods
	1 or 2 approved electives

Please refer to the unit synopsis section for more information.

■ Graduate Certificate in Project Management (CN81)

A similar course is offered in Singapore (CN82)

Location: Gardens Point campus

Course Duration: 1 year part-time, 1 semester full-time

Total Credit Points: 48

Standard Credit Points/Part-time Semester: 24

Course Coordinator: Professor Terry Boyd

Entry Requirements

- (i) A relevant bachelor degree from an approved tertiary institution; or

- (ii) qualifications and/or extensive, relevant professional experience deemed equivalent to the above by the Dean of Faculty on the recommendation of the course coordinator; and
- (iii) at least three years of appropriate industry experience after graduation.

Course Structure

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

The Graduate Certificate in Project Management has majors in Project Management and Property Development.

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

All units are 12 credit points. Please refer to the unit synopsis section for more information.

PROJECT MANAGEMENT MAJOR (PJM)

Full-time Course Structure

Year 1, Semester 1

- CNP520 Project Management
- CNP521 Project Cost & Risk Management
- CNP532 Innovation & Technology Management
- CNP551 Project Human Resource Management

Part-time Course Structure

Year 1, Semester 1

- CNP520 Project Management
- CNP521 Project Cost & Risk Management

Year 1, Semester 2

- CNP534 International Project Management
- CNP533 Project Management Law

PROPERTY DEVELOPMENT MAJOR (PRD)

Full-time Course Structure

Year 1, Semester 1

- CNP520 Project Management
- CNP521 Project Cost & Risk Management
- CNP547 Property Investment
- One elective from Elective List below

Part-time Course Structure

Year 1, Semester 1

- CNP520 Project Management
- CNP521 Project Cost & Risk Management

Year 1, Semester 2

- CNP554 Advanced Land Development
- CNP545 Project Development

Elective List (Semester 1)

- CNP551 Project Human Resource Management (PRD)
- CNP555 Property Market Analysis
- CNP556 Property Management and Contracts

School electives are offered subject to appropriate enrolments in each semester.

No exemptions are permitted. If a unit has been studied previously then an alternative should be selected.

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

■ Graduate Certificate in Project Management (CN82) – Singapore

Location: Summershire Education Group, Singapore

Aim

The course aims to broaden formal education and help professionals develop expertise within the growing fields of project development and project management. The course covers areas of theory and applied management, legal studies and economics. The course delivery encourages student interaction and follows a problem solving approach.

Course Outline

The course units are offered in a part-time concentrated mode over a 12 month period. Students select four elective units to complement their continuing professional education with an emphasis on management aspects. Each unit comprises structured lectures, discussions, case study workshops and presentations. Students completing this course may have the opportunity to articulate into the Graduate Diploma in Project Management (CN65).

For further information about this course, please contact Associate Professor Danny Then on (07) 3864 1733.

■ Graduate Certificate in Property Economics (CN90)

Location: Gardens Point

Course Duration: 1 year part-time, 1 semester full-time

Total Credit Points: 48

Standard Credit Points/Part-time Semester: 24

Course Coordinator: Professor Terry Boyd

Entry Requirements

- (i) A relevant bachelor degree from an approved tertiary institution; OR

- (ii) 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; OR
- (iii) At least three years of appropriate industry experience after graduation.

Course Structure

All units are 12 credit points.

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

Full-time Course Structure

Year 1, Semester 1

CNP547 Property Investment
 CNP555 Property Market Analysis
 CNP556 Property Management & Contracts
 One elective from List A

List A

CNP520 Project Management
 CNP521 Project Cost & Risk Management
 CNP551 Project Human Resource Management
 CNP100 Fundamentals of Facilities
 CNP102 Space Planning & Workplace Strategies

Part-time Course Structure

Year 1, Semester 1

CNP547 Property Investment
 CNP555 Property Market Analysis

Year 1, Semester 2

Any two of the following 3 specialisation units:

Specialisation Units

CNP545 Project Development
 CNP554 Advanced Land Development
 CNP557 Property Portfolio Analysis

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.

No exemptions are permitted. If a unit has been studied previously then an alternative unit should be chosen.

□ 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.

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 for the Bachelor of Architecture Course (AR48)

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 (Practice Experience A), and for at least 72 recognised weeks in the second three years (Practice Experience B).

□ **Approved Employment**

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

□ **Minimum Eight 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 for four days per week, the 18 week semester (14 weeks in class and four weeks in examination), translates to 14.4 'recognised weeks'. This figure is rounded off to 14 weeks to take account of public holidays. Students in continuous concurrent employment would normally accumulate 40 recognised weeks in a calendar year. (A three-day working week constitutes three-fifths of a recognised week. A six day working week constitutes sixth-fifths of a recognised week.)

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

□ **Years 1 and 2 Commencement**

Candidates who are admitted into the course at the beginning of Years 1 and 2 must satisfy all of Practice Experience A & B requirements.

□ **Year 3 Commencement**

Candidates who are admitted into the course at the beginning of Year 3 must complete 24 weeks in Practice Experience A and all Practice Experience B requirements.

□ **After Year 3 Commencement**

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

□ **Prerequisite**

Practice Experience A is normally a pre-requisite for Practice Experience B.

□ **Allied Experience During the Course**

Candidates may accumulate up to 12 weeks maximum in Practice Experience A and up to 18 weeks maximum in Practice Experience B for industrial experience gained prior to enrolment or during the course in approved allied areas 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 Practice Experience A and a maximum of 36 weeks in Practice Experience B for satisfactory approved experience under the direction of an architect prior to enrolment in the course and these maximum periods can include:

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

□ ***Experience During Leave of Absence***

Candidates may accumulate up to 24 weeks in Practice Experience A and 36 weeks in 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 Semester***

Semester update reports on progress are required at the end of each semester and examination results may not be issued until they are received.

□ ***Report Form Employment A***

QUT School of Architecture, Interior & Industrial Design Practice Experience report forms must be completed and lodged for Practice Experience A.

□ ***Report Log for Employment B***

The AACA log book of practical experience and university report forms must be completed and lodged to QUT for Practice Experience B.

□ ***Satisfactory Employment for Course Progression and Graduation***

For administrative purposes, candidates must enrol in 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 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 Practice Experience A cannot be considered for further approval or credit in Practice Experience B.

□ ***Full-time Students in Final Two Years***

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

- (a) Candidates (including those who had previously been studying full time) must have achieved a minimum of 36 weeks accredited to Practice Experience B, before commencing Year 4.
- (b) Candidates who had previously been studying part-time, and who have satisfied Practice

Experience A, may apply in 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 Practice Experience A.

□ ***Types of Experience***

Type of experience required:

- (a) Practice Experience A – at least 50 per cent of time in undertaking design and/or documentation.
- (b) Practice Experience B –
 - (i) 50 per cent of time in design stages and contract documentation (AACA item 4.3 and 4.5)
 - (ii) Preliminary site investigation and evaluation of at least one project (AACA item 4.2.4)
 - (iii) Project Management /Contract Administration of at least one project at ‘observer’ status where direct experience is unavailable (AACA items 4.7.19, 4.7.20, 4.7.21 and 4.7.22)

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

See course requirements and notes relating to undergraduate courses.

Location: Gardens Point campus

Course Duration: 4 years full-time, 5.5 years flexible mode

Total Credit Points: 384

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr Jay Yang

Special Course Requirements

All students are required to gain 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.

In addition to specific unit requirements, where a final examination is such that it forms the major piece of assessment, students will be required to pass that examination to pass the unit (in addition to receiving an overall pass mark).

Students who have failed units, must undertake those failed units at the very next offering of the unit.

Students may not enrol in units more than 1 year in advance of their enrolled year and then only with

the approval of the course coordinator. For example, 1st year students may be permitted to enrol in 2nd year units but will not be permitted to enrol in 3rd year or 4th year units.

Part-time study generally involves 9 to 12 hours contact per week and will require some release from employment.

Units are offered only once each year. This means that both part-time and full-time students are required to attend part of their program in the evening.

All students must become familiar with and comply with the school's enrolment rules.

Professional Recognition

Completion of the Bachelor of Applied Science (Construction Management) together with the related experience requirements enables a graduate to be 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

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. Alternately, 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; CNB426 Communication and Cultural Studies; or an approved elective from other QUT courses.

Full-time Course Structure

All units are 12 credit points. Please refer to the unit synopses section for more information.

Year 1, Semester 1

CNB101 Construction 1
CNB102 Building Technology 1
CNB105 Legal & Land Studies
CNB106 Preparatory Unit

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

CNB205 Time Management
CNB206 Law 1
CNB207 Professional Studies 2
CNB208 Construction Business Management 1

Year 3, Semester 1

CNB302 Contract Administration
CNB303 Construction Business Management 2
CNB304 Applied Computing
CNB305 Construction Estimating

Year 3, Semester 2

CNB306 Construction Business Management 3
CNB307 Building Economics & Cost Management
CNB308 Professional Studies 3
CNB309 Law 2

Year 4, Semester 1

CNB402 Investment Theory
CNB407 Professional Investigation & 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 Preparatory Unit

Year 1, Semester 2

CNB107 Construction 2
CNB108 Building Technology 2
CNB110 Measurement 1

Year 2, Semester 1

CNB105 Legal & Land Studies
CNB201 Construction 3
CNB202 Building Technology 3

Year 2, Semester 2

CNB109 Professional Studies 1
CNB205 Time Management
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
CNB304 Applied Computing
CNB305 Construction Estimating

Year 4, Semester 2

CNB306 Construction Business Management 3
CNB307 Building Economics & Cost Management
CNB308 Professional Studies 3

Year 5, Semester 1

CNB402 Investment Theory
CNB407 Professional Investigation & Reporting
Note A Elective

Year 5, Semester 2

CNB409 Professional Practice 1
CNB410 Development Processes
Note C Elective

Year 6, Semester 1

CNB423 Professional Practice 2
Note B Elective

■ Bachelor of Applied Science (Property Economics) (CN52)

See course requirements and notes relating to undergraduate courses.

Location of Course: Gardens Point campus

Course Duration: 3 years full-time, 6 years part-time

Total Credit Points: 288 credit points

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Mr Stuart Ross

Professional Recognition

Completion of the undergraduate course together with appropriate professional experience requirements make a graduate eligible for membership of the Australian Property Institute (formerly Australian Institute of Valuers & Land Economists), registration by the Valuers' Registration Board of Queensland, licensing as a real estate agent, and for membership of the Royal Institution of Chartered Surveyors (RICS).

Special Course Requirements

Full-time students must undertake six weeks professional work experience during the course. 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 part-time study program must be employed full time in an approved organisation for three (3) of the final four (4) years of the course. Part-time study generally involves around

8 formal contact hours per week and some release from employment is required.

For units where a final examination forms part of the assessment, students will be required to attain a minimum pass grade in that examination in order to receive an overall pass grade for that unit. Students must repeat that unit at the next available opportunity.

As units are only offered once per year, both part-time and full-time students will be required to attend part of their program in the evening.

Minors

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

Full-time Course Structure

All units are 12 credit points. Please refer to the unit synopses section for more information.

Year 1, Semester 1

CNB180 Economics 1
CNB181 Introductory Studies
CNB182 Building Studies 1
CNB183 Law 1

Year 1, Semester 2

CNB184 Economics 2
CNB185 Real Estate Agency Practice
CNB186 Investment Valuation 1
Elective 1

Year 2, Semester 1

CNB280 Real Estate Accounting
CNB281 Real Estate Marketing Studies
CNB282 Building Studies 2
CNB283 Law 2

Year 2, Semester 2

CNB284 Rural Valuation
CNB285 Land Administration & Sustainable Development
CNB286 Investment Valuation 2
Elective 2

Year 3, Semester 1

CNB380 Development Studies 1
CNB381 Investment Analysis 1
CNB382 Statutory & Specialist Valuation
CNB383 Research Methodologies

Year 3, Semester 2

CNB384 Development Studies 2
CNB385 Investment Analysis 2
CNB386 Property & Asset Management
CNB387 Research Project or Elective 3

Part-time Course Structure

All units are 12 credit points. Please refer to unit synopses for more information.

Year 1, Semester 1

CNB180 Economics 1
CNB181 Introductory Studies

Year 1, Semester 2

CNB184 Economics 2
Elective 1

Year 2, Semester 1

CNB182 Building Studies 1
CNB183 Law 1

Year 2, Semester 2

CNB185 Real Estate Agency Practice
CNB186 Investment Valuation 1

Year 3, Semester 1

CNB282 Building Studies 2
CNB283 Law 2

Year 3, Semester 2

CNB285 Land Administration & Sustainable
Development
CNB286 Investment Valuation 2

Year 4, Semester 1

CNB280 Real Estate Accounting
CNB281 Real Estate Marketing Studies

Year 4, Semester 2

CNB284 Rural Valuation
Elective 2

Year 5, Semester 1

CNB381 Investment Analysis 1
CNB382 Statutory & Specialist Valuation

Year 5, Semester 2

CNB385 Investment Analysis 2
CNB386 Property & Asset Management

Year 6, Semester 1

CNB380 Development Studies 1
CNB383 Research Methodologies

Year 6, Semester 2

CNB384 Development Studies 2
CNB387 Research Project, or
Elective 3

Electives

Electives may be selected from any University undergraduate program. All electives must be approved by your course coordinator.

■ Bachelor of Applied Science (Quantity Surveying) (CN53)

See course requirements and notes relating to undergraduate courses.

Location: Gardens Point campus

Course Duration: 4 years full-time, up to 5.5 years flexible-mode. Course duration could be less depending on applicant's eligibility for advanced standing.

Total Credit Points: 384

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Mr Adrian Bridge

Special Course Requirements

All students are required to gain 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.

In addition to specific unit requirements, where a final examination is such that it forms the major piece of assessment, students will be required to pass that examination to pass the unit (in addition to receiving an overall pass mark).

Students who have failed units, must undertake those failed units at the very next offering of the unit.

Students may not enrol in units more than 1 year in advance of their enrolled year and then only with the approval of the course coordinator. For example, first year students may be permitted to enrol in second year units but will not be permitted to enrol in third year or fourth year units.

Part-time study generally involves 9 to 12 hours contact per week and requires the equivalent of a full day release from employment.

Units are offered only once each year. Therefore, both fulltime and part-time students are required to attend part of their program in the evening.

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 fully recognised by the Board of Quantity Surveyors Malaysia.

The course with honours is fully accredited by the Royal Institution of Chartered Surveyors.

All units are 12 credit points. Please refer to the unit synopses section for more information.

Work Experience

Only international students are eligible to complete their work experience off-shore.

Students with Advanced Standing

Up to 4 semesters of advanced standing may be granted, subject to prior learning and qualifications.

Only students entering the course 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: Students may choose CNB408 Advanced Building and Civil Construction; CNB425 International Construction; or an approved elective from other QUT courses.

Note B Elective: Students may choose CNB413 Research Project if their course GPA is 5.0 or better and they have completed CNB407 Professional Investigation and Reporting. Alternately, students may undertake an approved elective from other QUT courses.

Note C Elective: Students may choose CNB424 Specialist Measurement if they have completed CNB408 Advanced Building and Civil Construction; CNB420 Current Construction Issues; CNB426 Communication and Cultural Studies; or an approved elective from other QUT courses.

February Entry Course Structures

Standard Full-time

Year 1, Semester 1

CNB101 Construction 1
CNB102 Building Technology 1
CNB105 Legal & Land Studies
CNB106 Preparatory Unit

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
CNB203 Building Services
CNB204 Measurement 2
CNB209 The Environment and the Quantity Surveyor

Year 2, Semester 2

CNB205 Time Management
CNB206 Law 1
CNB207 Professional Studies 2
CNB208 Construction Business Management 1

Year 3, Semester 1

CNB302 Contract Administration
CNB303 Construction Business Management 2
CNB304 Applied Computing
CNB305 Construction Estimating

Year 3, Semester 2

CNB307 Building Economics & Cost Management
CNB308 Professional Studies 3
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

Flexible (Decelerated) Full-time

Year 1, Semester 1

CNB101 Construction 1
CNB102 Building Technology 1
CNB106 Preparatory Unit

Year 1, Semester 2

CNB107 Construction 2
CNB108 Building Technology 2
CNB110 Measurement 1

Year 2, Semester 1

CNB105 Legal & Land Studies
CNB201 Construction 3
CNB209 The Environment and the Quantity Surveyor

Year 2, Semester 2

CNB109 Professional Studies 1
CNB205 Time Management
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
CNB304 Applied Computing
CNB305 Construction Estimating

Year 4, Semester 2

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

Year 5, Semester 1

CNB402 Investment Theory
CNB407 Professional Investigation & Reporting
Note A Elective

Year 5, Semester 2

CNB409 Professional Practice 1
CNB410 Development Processes
Note C Elective

Year 6, Semester 1

Note B Elective
CNB423 Professional Practice 2

Mid-year (July) Entry Course Structures Standard Full-time with 1 Semester of Advanced Standing

Year 1, Semester 2

CNB107	Construction 2
CNB108	Building Technology 2
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

CNB205	Time Management
CNB206	Law 1
CNB207	Professional Studies 2
CNB208	Construction Business Management 1

Year 2, Semester 1

CNB302	Contract Administration
CNB303	Construction Business Management 2
CNB304	Applied Computing
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 Note B Elective
CNB423	Professional Practice 2 Note C Elective

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
CNB304	Applied Computing
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

Flexible (Accelerated) Full-time with 4 Semesters of Advanced Standing and Summer Program

Year 1, Semester 2

CNB409	Professional Practice 1 (off-shore)
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Year 1, Summer Program

CNB302	Contract Administration
CNB303	Construction Business Management 2
CNB304	Applied Computing
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 Studies Note B Elective Note C Elective

■ Bachelor of Architecture (AR48)

See course requirements and notes relating to undergraduate courses.

Location: Gardens Point campus

Course Duration: 6 years flexible full-time

Total Credit Points: 384 (coursework) plus 96 (approved employment)

Standard Credit Points 24 or 36 per Semester (see Course Structure)

Course Coordinator: Ms Susan Savage

Professional Recognition

On completion of the course and one year's postgraduate practical experience, graduates are eligible to apply for associate membership of the Royal Australian Institute of Architects and are eligible to apply 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). For details refer to the Section 'Course Requirements and Notes relating to Undergraduate Courses'.

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 & Science Foundation

Year 1, Semester 2

ADB002 Architectural Design 2
ADB931 Introduction to History, Theory & Criticism
ADB021 Technology & Science 1

Year 2, Semester 1

ADB003 Architectural Design 3
ADB011 Contextual Studies 1
ADB022 Technology & Science 2

Year 2, Semester 2

ADB004 Architectural Design 4
ADB023 Technology & Science 3

Year 3, Semester 1

ADB005 Architectural Design 5
ADB913 Human Environment 3
ADB024 Technology & Science 4

Year 3, Semester 2

ADB006 Architectural Design 6
ADB012 Contextual Studies 2

Year 4, Semester 1

ADB007 Architectural Design 7
ADB013 Contextual Studies 3
ADB025 Technology & Science 5

Year 4, Semester 2

ADB008 Architectural Design 8
ADB026 Technology & Science 6
ADB031 Professional Studies 1

Year 5, Semester 1

ADB009 Architectural Design 9
ADB932 Professional Studies 2

Year 5, Semester 2

ADB014 Contractual Studies 4
ADB051 Architectural Research 1
ADB943 Elective 3

Year 6, Semester 1

ARB033-1 Professional Studies 3
ARB053 Architectural Research 2

Year 6, Semester 2

ARB054 Architectural Project
ARB033-2 Professional Studies 3
ADB796 Practice Experience B

Notes

1. Students must complete all of first and second year before undertaking third year.
2. Students must meet pre-requisites in all units.
3. Late penalties for late assignments apply.

■ Bachelor of Built Environment (BN31)

With majors in: Architectural Studies, Industrial Design, Interior Design, Landscape Architecture, and Urban and Regional Planning.

See course requirements and notes relating to undergraduate courses.

Location: Gardens Point campus

Course Duration: 3 years full-time

Total Credit Points: 288

Standard Credit Points/Full-time Semester: 48

Course Coordinator: To be advised

Major Coordinators:

Architecture: Ms Susan Savage

Interior Design: Associate Professor Jill Franz

Industrial Design: Associate Professor Vesna Popovic

Landscape Architecture: Ms Delwynn Poulton

Urban & Regional Planning: Dr Richard Margerum

Professional Recognition

□ *Architectural Studies Major*

Upon successful completion of the Bachelor of Built Environment (Architectural Studies) students are eligible to apply for entry to the fourth year of the part-time Bachelor of Architecture course.

Upon completion of the final three years of the Bachelor of Architecture course, during which time students have been employed in an approved professional practice for a minimum of 72 recognised weeks, the academic requirements for membership of professional bodies are met.

□ *Industrial Design Major*

Successful completion of the Bachelor of Built Environment (Industrial Design) satisfies the entry requirement for the Graduate Diploma in Industrial Design, graduates of which are eligible for Associate Membership of the Design Institute of Australia.

□ *Interior Design Major*

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.

□ *Landscape Architecture Major*

Successful performance in the Bachelor of Built Environment (Landscape Architecture) enables students to gain entry to the Graduate Diploma/Masters courses which are fully accredited by the Australian Institute of Landscape Architects.

□ *Urban And Regional Planning Major*

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.

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. Detailed requirements are issued by the school.

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

ARCHITECTURAL STUDIES MAJOR

Year 1, Semester 1

ADB001 Architectural Design 1
ADB911 Human Environment 1
ADB921 Technology & Science Foundation
ADB061 Architectural Applications 1

Year 1, Semester 2

ADB002 Architectural Design 2
ADB931 Introduction to History, Theory & Criticism
ADB021 Technology & Science 1
ADB062 Architectural Applications 2

Year 2, Semester 1

ADB003 Architectural Design 3
ADB011 Contextual Studies 1
ADB022 Technology & Science 2
ADB063 Architectural Applications 3

Year 2, Semester 2

ADB004 Architectural Design 4
ADB023 Technology & Science 3

ADB941 Elective 1
ADB064 Architectural Applications 4

Year 3, Semester 1

ADB005 Architectural Design 5
ADB913 Human Environment 3
ADB024 Technology & 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

INDUSTRIAL DESIGN MAJOR

Year 1, Semester 1

ADB911 Human Environment 1
ADB201 Introductory Industrial Design 1
ADB921 Technology & Science Foundation
ADB241 Industrial Design Applications

Year 1, Semester 2

ADB212 Ergonomics for Industrial Designers
ADB931 Introduction to History, Theory & Criticism
ADB202 Introduction Industrial Design 2
ADB232 Design Technology & 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, Theory, History & 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, Theory, History & Criticism 2
ADB206 Industrial Design 4
ADB236 Manufacturing Technology 4
ADB942 Elective 2

INTERIOR DESIGN MAJOR

Year 1, Semester 1

ADB101 Interior Design 1
ADB911 Human Environment 1
ADB921 Technology & Science Foundation
ADB151 Drawing as Communication

Year 1, Semester 2

ADB102 Interior Design 2
ADB122 Interior Technology 1
ADB931 Introduction to History, Theory & Criticism
ADB152 Light & Colour Studies

Year 2, Semester 1

ADB103 Interior Design 3
ADB912 Human Environment 2

ADB123 Interior Technology 2
ADB941 Elective 1

Year 2, Semester 2

ADB104 Interior Design 4
ADB124 Interior Technology 3
ADB132 Design in Society 1
ADB153 Material Studies

Year 3, Semester 1

ADB105 Interior Design 5
ADB913 Human Environment 3
ADB125 Interior Technology 4
ADB133 Design in Society 2

Year 3, Semester 2

ADB106 Interior Design 6
ADB126 Interior Technology 5
ADB154 Furniture Studies
ADB942 Elective 2

LANDSCAPE ARCHITECTURE MAJOR

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 the Built Environment
PSB434 Landscape Construction A
PSB435 Social & Cultural Relations

Year 2, Semester 2

PSB441 Planning/Landscape Design 4
PSB442 Plant Studies
PSB443 Population & Urban Studies
PSB444 Landscape Construction B

Year 3, Semester 1

PSB451 Planning/Landscape Design 5
PSB452 Professional Skills 2
PSB453 Elective 1
PSB610 Government & Law

Year 3, Semester 2

PSB461 Planning/Landscape Design 6
PSB462 Conservation & Management
PSB463 Elective 2
PSB613 Land Development Principles & Practice

URBAN AND REGIONAL PLANNING MAJOR

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 the Built Environment
PSB433 Planning Processes
PSB435 Social & Cultural Relations

Year 2, Semester 2

PSB441 Planning/Landscape Design 4
PSB443 Population & Urban Studies
PSB445 Infrastructure Planning
PSB611 Intro to Urban & Regional Economics

Year 3, Semester 1

PSB451 Planning/Landscape Design 5
PSB452 Professional Skills 2
PSB453 Elective 1
PSB610 Government & Law

Year 3, Semester 2

PSB461 Planning/Landscape Design 6
PSB462 Conservation & Management
PSB463 Elective 2
PSB613 Land Development Principles & Practice

Notes

1. Students must complete all of first and second year before undertaking third year.
2. Students must meet pre-requisites in all subjects.
3. Late penalties for late assignments apply.

Course will involve compulsory field work within some units.

■ Bachelor of Built Environment (Architectural Studies)/ Bachelor of Architecture (AR55)

This course has been discontinued and is offered to continuing students only.

See course requirements and notes relating to undergraduate courses.

Location: Gardens Point campus

Course Duration: 3 years full-time followed by 3 years part-time

Total Credit Points: 540

Standard Credit Points per Semester:

Years 1-3 full-time: 48

Years 4-6 part-time: 36

Course Coordinator: Ms Susan Savage

Professional Recognition

On completion of the course and one year's postgraduate practical experience, graduates are eligible to apply for associate membership of the Royal Australian Institute of Architects and are eligible to apply to sit for the registration examination conducted by the Board of Architects of Queensland.

Special Course Requirements

Students must be engaged in approved employment for at least 72 recognised weeks within the second three years (ADB796 Practice Experience B). For details refer to the Section ‘Course Requirements and Notes relating to Undergraduate Courses’.

Segmented Course Units

Where course units contain discrete segments identified in the synopsis, students are generally expected to pass all segments in order to pass the course unit.

The final grade for the unit will be aggregated from the grades attained in the segments undertaken.

Course Structure

Refer to:

- Bachelor of Built Environment (Architectural Studies) (BN31), Years 1-3 (inclusive)
- Bachelor of Architecture (AR48), Years 4-6 (inclusive).

■ Bachelor of Engineering (Aerospace Avionics) (EE48)

See course requirements and notes relating to undergraduate courses.

Location: Gardens Point campus

Course Duration: 4 years full-time

Total Credit Points: 384

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Professor Miles Moody

Professional Recognition

This degree meets the requirements for membership of the Institution of Engineers, Australia and of the Institution of Radio and Electronics Engineers.

Special Course Requirements

A candidate for the degree of Bachelor of Engineering must obtain at least 60 days of industrial experience in an engineering environment approved by the course coordinator. Candidates in the Bachelor of Engineering (Aerospace Avionics) degree 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. 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 employment/practice and including an Industrial Experience Record Form signed by the employer. Industrial Experience Record Forms and information booklets are available from outside the Faculty Office, Level 10, S Block, Gardens Point campus. For further information contact the Faculty Credit and Employment Officer or the School Office.

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.

All units are 12 credit points. Please refer to the unit synopses section for more information.

Full-time Course Structure

Year 1, Semester 1

- EEB112 Electrical & Computer Engineering 1
- EEB130 Introduction to Avionics
- MAB180 Engineering Mathematics 1⁷
- OR
- MAB131 Engineering Mathematics 1A
- PCB136 Engineering Physics 1C

Year 1, Semester 2

- BNB007 Professional Studies 1
- CEB109 Engineering Mechanics 1
- EEB212 Electrical & Computer Engineering 2
- MAB132 Engineering Mathematics 1B

Year 2, Semester 1

- EEB312 Analog & Digital Electronics
- EEB340 Introduction to Telecommunications
- MAB134 Electrical Engineering Mathematics 3
- MMB251 Aerodynamics Principles

Year 2, Semester 2

- EEB412 Advanced Electronics & Embedded Systems
- EEB435 Classical Flight Control Systems
- EEB440 Classical Signal Processing
- MAB135 Electrical Engineering Mathematics 4

Year 3, Semester 1

- EEB512 Industrial Electronics & 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 & Propagation
- EEB685 Advanced Aerospace Design

⁷ MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Mathematics C (or equivalent).

Year 4, Semester 1

EEB760	Aerospace Radio & Radar Systems
EEB781	Professional Studies 2
EEB782-1	Aerospace Project Elective unit 1

Year 4, Semester 2

EEB782-2	Aerospace Project
EEB860	Navigation Systems for Aircraft & Space
MGB006	Management for Engineers Elective unit 2

Special Avionics Electives

EEB831	Military Combat Electronics
EEB834	Satellite Applications

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 an elective from the postgraduate degree courses offered by the School of Electrical and Electronic Systems Engineering.

■ Bachelor of Engineering (Civil) (CE44)

See course requirements and notes relating to undergraduate courses.

Location: Gardens Point campus

Course Duration: *Normal Entry:* 4 years full-time

Total Credit Points: 384

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr Martin Murray

Professional Recognition

This degree meets the requirements for membership of the Institution of Engineers, Australia.

Special Course Requirements

A candidate for the degree of Bachelor of Engineering (Civil) must obtain at least 60 days of industrial employment/practice in an engineering environment approved by the Course Coordinator.

Candidates must, not later than the fourth week of semester 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 employment/practice and including an Industrial Experience Record Form signed by the employer. Industrial Experience Record Forms and information booklets are available from the Faculty Office, Level 10, S Block, Gardens Point campus. For further information contact the Faculty Credit and Employment Officer or the School Office. Students should not formally enrol in industrial employment/practice.

Note: Personal protective equipment must be worn for laboratory work.

Part-time study

Students wishing to study part-time (less than 3 units per semester) must consult with a course coordinator regarding their enrolment.

Environmental Engineering Major

Students may elect to enter the environmental major of the course at the end of Year 3. This will involve taking, over the course, 96 credit points of environmental core units which include some environmental based topics in design units and project. Further information about the Environmental Engineering major is available from the School of Civil 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.

Full-time Course Structure

Year 1, Semester 1

CEB109	Engineering Mechanics 1
MMB131	Engineering Materials
PCB136	Engineering Physics 1C
MAB180	Engineering Mathematics 1 ⁷ OR
MAB131	Engineering Mathematics 1A

Year 1, Semester 2

BNB007	Professional Studies 1
CEB110	Engineering Mechanics 2
EEB112	Electrical & Computing Engineering 1
MAB132	Engineering Mathematics 1B

Year 2, Semester 1

CEB207	Professional Studies 2 (Design 1)
CEB208	Materials Science
CEB209	Geotechnical Engineering 1
CEB213	Environmental Science

Year 2, Semester 2

CEB214	Professional Studies 3
CEB215	Structural Engineering 1
CEB216	Project Engineering 1
CEB217	Hydraulic Engineering

Year 3, Semester 1

CEB317	Professional Studies 4 (Design 2)
CEB318	Structural Engineering 2
MAB138	Engineering Statistics & Numerical Methods
CEB319	Water Engineering

Year 3, Semester 2

CEB320	Professional Studies 5 (Design 3)
CEB321	Water & Waste Water Treatment Engineering

CEB322 Geotechnical Engineering 2
 CEB323 Transport Engineering 1

Year 4, Semester 1

CEB409 Professional Studies 6 (Design 4)
 CEB411 Thesis A or Elective
 CEB412 Project Engineering 2

Year 4, Semester 2

CEB413 Structural Engineering 3
 CEB414 Professional Studies 7 (Design 5)
 CEB415 Thesis B or CEB411 or Elective for those finished CEB411
 One elective

Electives offered by the School of Civil Engineering

Semester 1

CEB416 Environmental Law & Assessment
 CEB507 Finite Element Methods
 CEB508 Transport Engineering 2
 CEB509 Project Management & Administration
 CEB517 Advanced Engineering Studies
 CEB523 Environmental Geotechnology

Semester 2

CEB513 Advanced Construction Practice
 CEB514 Project Control
 CEB515 Professional Practice in Asia & Pacific
 CEB516 Masonry Design
 CEB517 Advanced Engineering Studies
 CEB518 River & Coastal Engineering
 CEB522 Geotechnical Engineering Practice

Students are permitted to enrol in one elective unit from any QUT faculty subject to the approval of the Head of School.

ENVIRONMENTAL MAJOR

Course Structure

Year 1, Semester 1

CEB109 Engineering Mechanics 1
 MMB131 Engineering Materials
 PCB136 Engineering Physics 1C
 MAB180 Engineering Mathematics 1⁷
 OR

MAB131 Engineering Mathematics 1A

Year 1, Semester 2

BNB007 Professional Studies 1
 CEB110 Engineering Mechanics 2
 EEB112 Electrical & Computing Engineering 1
 MAB132 Engineering Mathematics 1B

Year 2, Semester 1

CEB207 Professional Studies 2 (Design 1)
 CEB208 Materials Science
 CEB209 Geotechnical Engineering 1
 CEB213 Environmental Science

Year 2, Semester 2

CEB214 Professional Studies 3
 CEB215 Structural Engineering 1
 CEB216 Project Engineering 1
 CEB217 Hydraulic Engineering

Year 3, Semester 1

CEB317 Professional Studies 4 (Design 2)
 CEB318 Structural Engineering 2
 CEB319 Water Engineering
 MAB138 Engineering Statistics & Numerical Methods

Year 3, Semester 2

CEB320 Professional Studies 5 (Design 3)
 CEB321 Water & Waste Water Treatment Engineering
 CEB322 Geotechnical Eng 2
 CEB323 Transport Engineering 1

Year 4, Semester 1

CEB409 Professional Studies 6 (Design 4)
 CEB411 Thesis A or Elective
 CEB416 Environmental Law & Assessment
 CEB523 Environmental Geotechnology

Year 4, Semester 2

CEB415 Thesis B or CEB411 or Elective for those finished CEB411
 CEB417 Environmental Professional Studies
 CEB418 Waste Resource Management
 Elective

Note

1. Students' elective programs are subject to approval by the Head of School.
2. Students may choose approved units from Mathematics, Computing or other degrees subject to approval by the course coordinator.

■ Bachelor of Engineering (Civil) (CE45) (Mid-year Entry)

See course requirements and notes relating to undergraduate courses.

Location: Gardens Point campus

Course Duration: 3.5 years accelerated program

Total Credit Points: 384

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr Martin Murray

Professional Recognition

This degree meets the requirements for membership of the Institution of Engineers, Australia.

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.

Candidates must, not later than the fourth week of semester 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 employment/practice and

⁷ MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Mathematics C (or equivalent).

including an Industrial Experience Record Form signed by the employer. Industrial Experience Record Forms and information booklets are available from the Faculty Office, Level 10, S Block, Gardens Point campus. For further information contact the Faculty Credit and Employment Officer or the school office.

Students should not formally enrol in industrial experience/practice.

Note: Personal protective equipment must be worn for laboratory work.

Environmental Engineering Major

Students may elect to enter the environmental major of this course at the end of Year 3. This will involve taking, over the length of the course, 96 credit points of environmental core units which include some environmental based topics in design units and project. Further information about the Environmental Engineering major is available from the School of Civil 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.

Full-time Course Structure

All units are 12 credit points. Please refer to the unit synopses section for more information.

Year 1, Semester 2 (July)

CEB109 Engineering Mechanics 1
MMB131 Engineering Materials
PCB136 Engineering Physics 1C
MAB180 Engineering Mathematics 1⁷
OR

MAB131 Engineering Mathematics 1A
BNB007 Professional Studies 1

Year 1, Summer Program

CEB110 Engineering Mechanics 2
CEB209 Geotechnical Engineering 1

Year 2, Semester 1

CEB207 Professional Studies 2 (Design 1)
CEB208 Materials Science
CEB213 Environmental Science
EEB112 Electrical & Computing Engineering 1
MAB132 Engineering Mathematics 1B

Year 2, Semester 2

Program is the same as normal entry hereafter.

■ Bachelor of Engineering (Electrical and Computer Engineering) (EE41)

See course requirements and notes relating to undergraduate courses.

Location: Gardens Point campus

Course Duration: 4 years full-time, 8 years part-time

Total Credit Points: 384

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr Tee Tang

Professional Recognition

This degree meets the requirements for membership of the Institution of Engineers, Australia and of the Institution of Radio and Electronics Engineers. The alternative award name, Bachelor of Engineering (Electrical), meets the requirements for membership of the Singapore Professional Engineers Board.

Special Course Requirements

A candidate for the degree of Bachelor of Engineering (Electrical and Computer Engineering) must obtain at least 60 days of industrial employment in an engineering environment approved by the course coordinator.

Candidates must, not later than the fourth week of semester 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 employment/practice and including an Industrial Experience Record Form signed by the employer. Industrial Experience Record Forms and information booklets are available from the Faculty Office, Level 10, S Block, Gardens Point campus. For further information contact the Faculty Credit and Employment Officer or the school office.

Students should not formally enrol in industrial employment/practice.

Part-time Enrolment

Prospective part-time students for this degree should be aware that they need day release from their employers for 2 half days per week. Attendance at lectures throughout the duration of part-time study requires a commitment of 2 evenings and 2 half days per week. Students enrolled in part-time courses must consult with a course coordinator regarding their enrolment.

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

⁷ MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Mathematics C (or equivalent).

study area, that totals 48 credit points. This will not affect the total number of credit points required for course completion. Students may choose from the list of minors, available from the office of the Faculty of Built Environment and Engineering.

Full-time Course Structure

All units are 12 credit points. Please refer to the unit synopses section for more information.

Year 1, Semester 1

- CEB109 Engineering Mechanics 1
 EEB112 Electrical & Computer Engineering 1
 MAB180 Engineering Mathematics 1⁷
 OR
 MAB131 Engineering Mathematics 1A
 PCB136 Engineering Physics 1C

Year 1, Semester 2

- BNB007 Professional Studies 1
 EEB212 Electrical & Computer Engineering 2
 MAB132 Engineering Mathematics 1B
 MMB131 Engineering Materials

Year 2, Semester 1

- EEB311 Electrical Measurement & Machines
 EEB312 Analog & Digital Electronics
 EEB340 Introduction to Telecommunications
 MAB134 Electrical Engineering Mathematics 3

Year 2, Semester 2

- EEB411 Classical Control, & Power Electronics
 EEB412 Advanced Electronics & Embedded Systems
 EEB440 Classical Signal Processing
 MAB135 Electrical Engineering Mathematics 4

Year 3, Semester 1

- EEB511 Modern Control & Power Generation
 EEB512 Industrial Electronics & Digital Design
 EEB560 Digital Communications
 EEB584 Introduction to Design

Year 3, Semester 2

- EEB612 Software Systems Design
 EEB641 Fields, Transmission & 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
 MGB006 Management for Engineers
 Elective unit 3
 Elective unit 4

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 & Applied Electromagnetics
 EEB976 Advanced Industrial Electronics
 EEB992 VLSI Circuits & Systems

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 an elective from the postgraduate degree courses offered by the School of Electrical and Electrical Systems Engineering.

Part-time Course Structure

Year 1, Semester 1

- EEB112 Electrical & Computer Engineering 1
 MAB180 Engineering Mathematics 1⁷
 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 & Computer Engineering 2
 MAB132 Engineering Mathematics 1B

Year 3, Semester 1

- EEB311 Electrical Measurement & Machines
 EEB312 Analog & Digital Electronics

Year 3, Semester 2

- EEB411 Classical Control & Power Electronics
 EEB412 Advanced Electronics & 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 & Power Generation
 EEB512 Industrial Electronics & Digital Design

Year 5, Semester 2

- EEB612 Software Systems Design
 EEB641 Fields, Transmission & 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 OR
 EEB650 Power Systems Analysis

⁷ MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Mathematics C (or equivalent).

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
MGB006 Management for Engineers

Electives

Refer to elective list under full-time course structure.

■ Bachelor of Engineering (Electrical and Computer Engineering) (EE42) (Mid- year Entry)

See course requirements and notes relating to undergraduate courses.

Location: Gardens Point campus

Course Duration: 3½ years full-time plus one summer program

Total Credit Points: 384

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr Tee Tang

Professional Recognition

This degree meets the requirements for membership of the Institution of Engineers, Australia and of the Institution of Radio and Electronics Engineers.

The alternative award name, Bachelor of Engineering (Electrical), meets the requirements for membership of the Singapore Professional Engineers Board.

Special Course Requirements

A candidate for the degree of Bachelor of Engineering (Electrical and Computer Engineering) must obtain at least 60 days of industrial employment in an engineering environment approved by the course coordinator.

Candidates must, not later than the fourth week of semester 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 employment/practice and including an Industrial Experience Record Form signed by the employer. Industrial Experience Record Forms and information booklets are available

from the Faculty Office, Level 10, S Block, Gardens Point campus. For further information contact the Faculty Credit and Employment Officer or the school office.

Students should not formally enrol in industrial employment/practice.

Minors

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

Full-time Course Structure

All units are 12 credit points. Please refer to the unit synopses section for more information.

Year 1, Semester 2 (July)

BNB007 Professional Studies 1
CEB109 Engineering Mechanics 1
EEB112 Electrical & Computer Engineering 1
MAB180 Engineering Mathematics 1⁷
OR
MAB131 Engineering Mathematics 1A
PCB136 Engineering Physics 1C

Year 1, Summer Program

EEB212 Electrical & Computer Engineering 2
MAB132 Engineering Mathematics 1B

Year 2, Semester 1

EEB311 Electrical Measurement & Machines
EEB312 Analog & Digital Electronics
EEB340 Introduction to Telecommunications
MAB134 Electrical Engineering Mathematics 3
MMB131 Engineering Materials

Year 2, Semester 2

EEB411 Classical Control & Power Electronics
EEB412 Advanced Electronics & Embedded Systems
EEB440 Classical Signal Processing
MAB135 Electrical Engineering Mathematics 4

Year 3, Semester 1

EEB511 Modern Control & Power Generation
EEB512 Industrial Electronics & Digital Design
EEB560 Digital Communications
EEB584 Introduction to Design

Year 3, Semester 2

EEB612 Software Systems Design
EEB641 Fields, Transmission & Propagation
EEB684 Advanced Design

Select one of:

EEB640 Digital Signal Processing OR
EEB650 Power Systems Analysis

⁷ MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Mathematics C (or equivalent).

Year 4, Semester 1

EEB781	Professional Studies 2
EEB889-1	Project
	Elective unit 1
	Elective unit 2

Year 4, Semester 2

EEB889-2	Project
MGB006	Management for Engineers
	Elective unit 3
	Elective unit 4

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 & Applied Electromagnetics
EEB976	Advanced Industrial Electronics
EEB992	VLSI Circuits & Systems

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 an elective from the postgraduate degree courses offered by the School of Electrical and Electrical Systems Engineering.

■ Bachelor of Engineering (Infomechatronics) (ME40)

See course requirements and notes relating to undergraduate courses.

Location: Gardens Point campus

Course Duration: Normal Entry: 4 years full-time

Total Credit Points: 384

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr Prasad Yarlagadda

Professional Recognition

Preliminary accreditation of the Institution of Engineers, Australia has been sought.

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.

Candidates must, not later than the fourth week of semester 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 employment/practice and including an Industrial Experience Record Form

signed by the employer. Industrial Experience Record Forms and information booklets are available from the Faculty Office, Level 10 – S Block (Room 1031), Gardens Point campus. For further information contact the Faculty Student Services Officer or the course coordinator.

Students should not formally enrol in industrial employment/practice.

Minors

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

Full-time Course Structure

All course units are 12 credit points, except for MMB004 Infomechatronics Project, which is 36 credit points. Please refer to the unit synopses section for more information.

Year 1, Semester 1

CEB109	Engineering Mechanics
ITB510	Communications Networks
MAB131	Engineering Mathematics 1A
	OR
MAB180	Engineering Mathematics 1 ⁷
PCB136	Engineering Physics 1C

Year 1, Semester 2

BNB007	Professional Studies 1
MAB132	Engineering Mathematics 1B
MMB112	Dynamics
EEB213	Electrical Circuits & Measurements

Year 2, Semester 1

MAB134	Engineering Mathematics 3
MMB131	Engineering Materials
EEB312	Analog & Digital Electronics
ITB411	Software Development 2

Year 2, Semester 2

MAB135	Engineering Mathematics 4
MMB252	Thermofluids
MMB476	Operations Management
EEB412	Advanced Electronics & Embedded Systems

Year 3, Semester 1

MMB211	Mechanics 1
MMB371	Manufacturing Processes
EEB311	Electrical Measurement & Machines
EEB521	Digital Systems & Control

Year 3, Semester 2

MMB212	Mechanics 2
EEB411	Classical Control & Power Electronics
MMB374	Design for Manufacturing 1
ITB465	Concurrent & Distributed Systems

⁷ MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Mathematics C (or equivalent).

Year 4, Semester 1

MMB004 Infomechatronics Project
Elective

Year 4, Semester 2

MGB007 Engineering Management,
MMB478 Mechatronics System Design
ITB847 Computational Intelligence for Control &
Embedded Systems
Elective

■ Bachelor of Engineering (Mechanical) (ME41)

See course requirements and notes relating to undergraduate courses.

Location: Gardens Point campus

Course Duration:

Normal Entry: 4 years full-time

Articulation from Bachelor of Technology (ME35):
3 years part-time

Total Credit Points: 384/144

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr Kunle Oloyede

Professional Recognition

This degree is recognised for the purpose of membership of the Institution of Engineers, Australia.

Special Course Requirements

A candidate for the degree of Bachelor of Engineering (Mechanical) must obtain at least 60 days of industrial employment/practice in an engineering environment approved by the course coordinator.

Candidates must, not later than the fourth week of semester 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 employment/practice and including an Industrial Experience Record Form signed by the employer. Industrial Experience Record Forms and information booklets are available from the Faculty Office, Level 10, S Block, Gardens Point campus. For further information contact the Faculty Credit and Employment Officer or the school office.

Students should not formally enrol in industrial employment/practice.

Part-time Enrolment

Prospective part-time students for this degree should be aware that they may need day release from their employers. Students enrolled in part-time courses

must consult with a course coordinator regarding their enrolment.

Minors

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

Full-time Course Structure

All units are 12 credit points. Please refer to the unit synopses section for more information.

Year 1, Semester 1

CEB109 Engineering Mechanics 1
MAB131 Engineering Mathematics 1A
OR
MAB180 Engineering Mathematics 1⁷
MMB131 Engineering Materials
PCB136 Engineering Physics 1C

Year 1, Semester 2

BNB007 Professional Studies 1
EEB112 Electrical & 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
MMB351 Thermodynamics
MMB371 Manufacturing Processes
MMB381 Design of Mechanical Components

Year 3, Semester 2

MGB007 Engineering Management
MMB352 Fluid Mechanics
MMB382 Design & Maintenance Machinery
1 Elective from Group A

Year 4, OPTION 1

Semester 1 or 2

MMB400 Industry Project

Semester 1 or 2

3 Electives from Group B
1 Elective from Group C

⁷ MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Mathematics C (or equivalent).

Year 4, OPTION 2

Semester 1 & 2

MMB401/1 Project
& 2

3 Electives from Group B

1 Elective from Group C

Electives

Group A

MMB412 Finite Element Analysis

MMB430 Advanced Materials

MMB450 Air Conditioning

Group B

MMB411 Advanced Automatic Control

MMB413 Industrial Noise & Vibrations

MMB451 Energy Management

MMB461 Process Systems Design

MMB471 Computer Integrated Manufacturing
(semester 2 only)

MMB472 Design for Manufacturing 2 (semester 1
only)

Any unit from another Faculty approved by
the Course Coordinator

Group C

MMB470 Engineering Asset Management &
Maintenance (semester 1 only)

OR

MMB476 Operations Management (semester 2 only)

OR

Any management unit approved by the
course coordinator

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

Entry Requirement: Bachelor of Technology
(Mechanical)

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

Please refer to the unit synopses section for more information.

Year 1, Semester 1

MAB133 Engineering Mathematics 2

MMB311 Mechanics 3

MMB351 Thermodynamics

MMB381 Design of Mechanical Components

Year 1, Semester 2

MAB136 Engineering Statistics

MMB352 Fluid Mechanics

MMB382 Design & Maintenance of Machinery

1 Elective from Group B

Year 2, Semester 1

MMB400 Industry Project

OR

MMB401 Internal Project

■ Bachelor of Engineering (Mechanical) (ME42) (Mid- year Entry)

See course requirements and notes relating to undergraduate courses.

Location: Gardens Point campus

Course Duration: 3.5 years full-time plus one summer program

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr Kunle Oloyede

Professional Recognition

This degree is recognised for the purpose of membership of the Institution of Engineers, Australia.

Special Course Requirements

A candidate for the degree of Bachelor of Engineering (Mechanical) must obtain at least 60 days of industrial employment/practice in an engineering environment approved by the course coordinator.

Candidates must, not later than the fourth week of semester 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 employment/practice and including an Industrial Experience Record Form signed by the employer. Industrial Experience Record Forms and information booklets are available from the Faculty Office, Level 10, S Block, Gardens Point campus. For further information contact the Faculty Credit and Employment Officer or the school office.

Students should not formally enrol in industrial employment.

Part-time Enrolment

Prospective part-time students for this degree should be aware that they may need day release from their employers. Students enrolled in part-time course must consult with a course coordinator regarding their enrolment.

Minors

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

Full-time Course Structure

All units are 12 credit points except the final year Project which is 48 credit points. Please refer to the unit synopses section for more information.

Year 1, Semester 2 (July)

BNB007 Professional Studies 1
CEB109 Engineering Mechanics 1
MAB131 Engineering Mathematics 1A
OR
MAB180 Engineering Mathematics 1⁷
PCB136 Engineering Physics 1C

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 & 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
MMB351 Thermodynamics
MMB371 Manufacturing Processes
MMB381 Design of Mechanical Components

Year 3, Semester 2

MGB007 Engineering Management
MMB352 Fluid Mechanics
MMB382 Design & Maintenance of Machinery
1 Elective from Group A

Year 4, OPTION 1

Semester 1 or 2

MMB400 Industry Project

Semester 1 or 2

3 Electives from Group B
1 Elective from Group C

Year 4, OPTION 2

Semester 1 & 2

MMB401/1 Project
& 2

3 Electives from Group B

1 Elective from Group C

Electives

Group A

MMB412 Finite Element Analysis
MMB430 Advanced Materials
MMB450 Air Conditioning

Group B

MMB411 Advanced Automatic Control
MMB413 Industrial Noise & Vibrations
MMB451 Energy Management
MMB461 Process Systems Design
MMB471 Computer Integrated Manufacturing
(semester 2 only)
MMB472 Design for Manufacturing 2 (semester 1 only)
Any unit from another faculty approved by the course coordinator

Group C

MMB470 Engineering Asset Management & Maintenance (semester 1 only)
Or
MMB476 Operations Management (semester 2 only)
Or
Any management unit approved by the course coordinator

■ Bachelor of Engineering (Medical) (ME48)

See course requirements and notes relating to undergraduate courses.

Location: Gardens Point campus

Course Duration: 4 years full-time

Total Credit Points: 384

Course Coordinator: Dr Timothy Barker

Professional Recognition

Provisional accreditation for the course has been received from the Institution of Engineers, Australia. Graduates are eligible to become graduate members of the Institution of Engineers, Australia and fulfil academic requirements for membership of its College of Biomedical Engineers.

Special Course Requirements

A candidate for the degree of Bachelor of Engineering 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.

Candidates must, not later than the fourth week of semester immediately following each period of industrial experience, submit to the faculty office, a

⁷ MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Mathematics C (or equivalent).

report in the required format, describing the work carried out during the period of experience and including an Industrial Experience Record Form signed by the employer. Industrial Experience Record Forms and Information Booklets are available from the Faculty Office, Level 10, S Block, Gardens Point campus. For further information contact the Faculty Credit and Employment Officer or the school office.

Students should not formally enrol in industrial employment.

Minors

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

Full-time Course Structure

All units are 12 credit points except the final year Project which is 24 credit points per semester. Please refer to the unit synopses section for more information.

Year 1, Semester 1

- LSB142 Human Anatomy & Physiology
- MAB131 Engineering Mathematics 1A
OR
- MAB180 Engineering Mathematics 1⁷
- MMB191 Introduction to Engineering in the Medical Environment
- PCB136 Engineering Physics 1C

Year 1, Semester 2

- CEB109 Engineering Mechanics 1
- MAB132 Engineering Mathematics 1B
- MMB112 Dynamics
- MMB131 Engineering Materials

Year 2, Semester 1

- HMB274 Functional Anatomy
- MAB133 Engineering Mathematics 2
- MMB211 Mechanics 1
- MMB281 Fundamentals of Mechanical Design

Year 2, Semester 2

- EEB112 Electrical & 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 & Maintenance
1 unit from Elective List A

Year 4, Semester 2

- MMB409/2 Project
- MMB492 Health Legislation & the Medical Environment
1 unit from Elective List B

Elective List A

- MMB411 Advanced Automotive Control
- MMB494 Rehabilitation Equipment Design & Evaluation
- PUB112 Introduction to Occupational Health & Safety
Any other elective unit approved by the course coordinator.

Elective List B

- MMB412 Finite Element Analysis
- MMB496 Modelling & Simulation for Medical Engineers
- MMB498 Medical Imaging & Image Processing
Any other elective unit approved by the course coordinator.

■ Bachelor of Surveying (PS47)

See course requirements and notes relating to undergraduate courses.

Campus: Gardens Point campus

Course Duration: 4 years full-time

Total Credit Points: 384

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Mr Kevin Jones

Professional Recognition

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 Bachelor of Surveying is recognised by the Mapping Sciences Institute, Australia, as satisfying academic membership requirements.

Surveying graduates are readily accepted internationally.

Special Course Requirements

Students must obtain at least 90 days industrial employment in a surveying/mapping environment approved by the course coordinator.

Students, must not later than the fourth week of the semester immediately following each period of industrial employment, submit to the course

coordinator a report or diary in the required format, describing the work carried out during the period of industrial employment and including an Industrial Experience Record Form signed by the employer. Industrial Experience Record Forms are available from the School of Planning, Landscape Architecture, and Surveying Office or from the Faculty Credit and Employment Officer, Level 10, S Block, Gardens Point campus. Should employment exceed the minimum required, it is strongly recommended that these details also be recorded in the report or diaries and certified by the employer as a record of experience which may be used when seeking registration or licensing by the Surveyors Board. Students should not formally enrol in industrial employment.

Students are required to:

- attend compulsory field practicals off-campus in the Moreton region, and
- have access to an advanced scientific calculator for use during the course.

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

All units are 12 credit points. Please refer to the unit synopses section for more information.

Year 1, Semester 1

MAB100	Mathematical Science 1A
PSB412	Computer Skills
PSB414	Professional Skills
PSB424	Land Science

Year 1, Semester 2

PCB172	Physics for Surveyors
MAB111	Mathematical Science 1B ⁸
PSB422	Environmental Science
PSB640	Surveying

Year 2, Semester 1

MAB137	Surveying Mathematics 1
PSB610	Government & Law
PSB620	Cadastral Surveying & Mapping
PSB630	Cartography & Digital Mapping

Year 2, Semester 2

MAB730	Surveying Mathematics 2
PSB611	Introduction to Urban & Regional Economics
PSB631	Geographic Information Systems
PSB641	Engineering Surveying

Year 3, Semester 1

CEB259	Engineering Design for Land Development
PSB612	Spatial & Land Information Management
PSB642	Control Surveying & Analysis
	Elective (or an alternate unit from the approved list)

Year 3, Semester 2

PSB613	Land Development Principles & Policies
PSB632	Photogrammetry
PSB643	Geodesy
	Elective (or an alternate unit from the approved list)

Year 4, Semester 1

PSB614	Urban & Rural Design Principles
PSB633	Map Production: Principles & Practice
PSB644	Advanced Geodesy
PSB650	Project/Elective (or an approved alternative)

Year 4, Semester 2

PSB615	Urban & Rural Design Practice
PSB621	Advanced Cadastral Surveying
PSB645	Surveying & Mapping Practice
PSB651	Project/Elective (or an approved alternative)

List of Approved Electives

PSB433	Planning Processes
PSB443	Population & Urban Studies
PSB445	Infrastructure Planning
PSB462	Conservation & Management
PSB652	Topics in Land Administration
PSB653	Topics in Surveying Engineering
PSB654	Topics in Spatial Information Science
PSB655	Remote Sensing

■ Bachelor of Surveying (PS48) (Mid-year Entry)

See course requirements and notes relating to undergraduate courses.

Campus: Gardens Point campus

Course Duration: 3.5 years full-time

Total Credit Points: 384

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Mr Kevin Jones

Professional Recognition

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

⁸ Students with a high achievement or better in High School Maths C or equivalent do MAB111 Mathematical Science 1B instead of MAB100 Mathematical Science 1A, and then do an additional elective later in the course. Students with a sound achievement in high school Maths C or equivalent may choose either the standard or the modified course structure.

satisfies the academic requirements of the Surveyors Board of Queensland as leading to registration and licensing as a surveyor.

The Bachelor of Surveying is recognised by the Mapping Sciences Institute, Australia, as satisfying academic membership requirements.

Surveying graduates are readily accepted internationally.

Special Course Requirements

Students must obtain at least 90 days industrial employment in a surveying/mapping environment approved by the course coordinator.

Students, must not later than the fourth week of the semester immediately following each period of industrial employment, submit to the course coordinator a report or diary in the required format, describing the work carried out during the period of industrial employment and including an Industrial Experience Record Form signed by the employer. Industrial Experience Record Forms are available from the School of Planning, Landscape Architecture, and Surveying Office or from the Faculty Credit and Employment Officer, Level 10, S Block, Gardens Point campus. Should employment exceed the minimum required, it is strongly recommended that these details also be recorded in the report or diaries and certified by the employer as a record of experience which may be used when seeking registration or licensing by the Surveyors Board. Students should not formally enrol in industrial employment.

Students are required to:

- attend compulsory field practicals off-campus in the Moreton region, and
- have access to an advanced scientific calculator for use during the course.

Minors

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

Full-time Course Structure

All units are 12 credit points. Please refer to the unit synopses section for more information.

Year 1, Semester 2 (July)

MAB100	Mathematical Science ⁹
PCB172	Physics for Surveyors
PSB422	Environmental Science
PSB424	Land Science

Year 1, Semester 3 (Summer Program)

PSB640	Surveying
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Year 2, Semester 1

MAB111	Mathematical Science 1B
MAB137	Surveying Mathematics 1
PSB412	Computer Skills
PSB620	Cadastral Surveying & Mapping
PSB630	Cartography & Digital Mapping

Year 2, Semester 2

MAB730	Surveying Mathematics 2
PSB611	Introduction to Urban & Regional Economics
PSB631	Geographic Information Systems 1
PSB641	Engineering Surveying

Year 3, Semester 1

CEB259	Engineering Design for Land Development
PSB414	Professional Skills
PSB610	Government & Law ⁹
PSB612	Spatial & Land Information Management
PSB642	Control Surveying & Analysis

Year 3, Semester 2

PSB613	Land Development Principles & Policies
PSB632	Photogrammetry
PSB643	Geodesy
	Elective (or an alternate unit from the approved list)

Year 4, Semester 1

PSB422	Environmental Science
PSB614	Urban & Rural Design Principles
PSB633	Map Production: Principles & Practice
PSB644	Advanced Geodesy
PSB650	Project/Elective (or an approved alternative)

Year 4, Semester 2

PSB615	Urban & Rural Design Practice
PSB621	Advanced Cadastral Surveying
PSB645	Surveying & Mapping Practice
PSB651	Project/Elective (or an approved alternative)

List of Approved Electives

PSB433	Planning Processes
PSB443	Population & Urban Studies
PSB445	Infrastructure Planning
PSB462	Conservation & Management
PSB652	Topics in Land Administration
PSB653	Topics in Surveying Engineering
PSB654	Topics in Spatial Information Science
PSB655	Remote Sensing

⁹ Students with a high achievement or better in High School Maths C or equivalent do PSB610 Government & Law in Year 1, Semester 1 instead of MAB100 Mathematical Science 1A, and then do an additional elective in Year 2, Semester 1 instead of PSB610 Government & Law. Students with a sound achievement in High School Maths C or equivalent may choose either the standard or the modified course structure.

■ Bachelor of Technology (Civil) (CE33)

See course requirements and notes relating to undergraduate courses

Location: Gardens Point campus

Course Duration:

Normal entry: 3 years full-time

Standard Credit Points/Full-time Semester:

Normal entry: 48

Course Coordinator: Mr Bevan Boyce

Entry Requirements

□ *Normal entry*

Applicants must have completed Year 12 (or its equivalent) and, in addition, have obtained a minimum grade of Sound Achievement over four semester units in each of Senior English and Mathematics B (Mathematics 1, units 1, 2 and 3).

Professional Recognition

Preliminary accreditation has been granted by the Institution of Engineers, Australia (IEAust). When full recognition has been gained from IEAust, graduates will be eligible for affiliate membership of the IEAust, providing them with official recognition as engineering technologists.

Special Course Requirements

A candidate for the degree of Bachelor of Technology (Civil) must obtain at least 45 days of industrial employment/practice in an engineering environment approved by the course coordinator.

Candidates must, not later than the fourth week of semester 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 employment/practice and including an Industrial Experience Record Form signed by the employer. Industrial Experience Record Forms and information booklets are available from the Faculty Office, Level 10, S Block, Gardens Point campus. For further information contact the Faculty Credit and Employment Officer or the school office.

Minors

Subject to the approval of the course coordinator, students may be able to choose a minor area of study. A minor is a collection of four units from the one

study area, that totals 48 credit points. This will not affect the total number of credit points required for course completion. Students may choose from the list of minors, available from the office of the Faculty of Built Environment and Engineering.

Full-time Course Structure

All units are 12 credit points. Please refer to the unit synopses section for more information.

NORMAL ENTRY

Year 1, Semester 1

CEB109 Engineering Mechanics
CEB111 Experimental Procedures, Design & Analysis
PCB136 Engineering Physics 1C
MAB100 Mathematical Sciences 1A¹⁰
OR
MAB180 Engineering Mathematics 1¹⁰

Year 1, Semester 2

BNB007 Professional Studies 1
CEB110 Engineering Mechanics 2
MMB131 Engineering Materials
MAB180 Engineering Mathematics 1¹⁰
OR
MAB132 Engineering Mathematics 1B¹¹

Year 2, Semester 1

CEB207 Professional Studies 2
CEB208 Materials Science
CEB209 Geotechnical Engineering 1¹¹
OR
CEB218 Geotechnical Engineering 1A¹¹
CEB213 Environmental Science

Year 2, Semester 2

CEB214 Professional Studies 3
CEB215 Structural Engineering 1¹¹
OR
CEB219 Structural Engineering 1A¹¹
CEB216 Project Engineering 1
CEB217 Hydraulic Engineering
OR
CEB222 Hydraulic Engineering A

Year 3, Semester 1

CEB317 Professional Studies 4
CAD in Civil Engineering (CAD A & B
Southbank TAFE School of Civil
Engineering EA065)
OPTION 1
OPTION 2

Year 3, Semester 2

CEB327 Municipal Design Project
CEB328 Investigation Project
CEB326 Civil Design Software
OPTION 3

¹⁰ MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Mathematics C (or equivalent). Bachelor of Technology students may opt to take the lower level MAB100 and proceed to MAB180 in Semester 2.

¹¹ Bachelor of Technology students opting for the 'A' unit attend the same classes and sit a different exam. A minimum grade of 5 is required to claim the exemption as a Bachelor of Engineering unit.

Options 1 and 2

Any TWO of:

- CEB318 Structural Engineering 2
- CEB319 Water Engineering
- CEB412 Project Engineering 2
- MAB132 Engineering Mathematics 1B

Option 3

ONE of:

- CEB322 Geotechnical Engineering 2
- CEB321 Water & Wastewater Treatment Engineering
- MEB323 Transport Engineering 1

■ Bachelor of Technology (Mechanical) (ME36)

See course requirements and notes relating to undergraduate courses in the Faculty of Built Environment and Engineering

Location: Gardens Point campus

Course Duration:

Direct Entry: 3 years full-time

Articulation from Associate Diploma: 3 years part-time

Total Credit Points: 288/144

Standard Credit Points/Full-time Semester:
48/24

Course Coordinator: Dr Vladis Kosse

Professional Recognition

The Institution of Engineers, Australia (IEAust) has given the course provisional accreditation. Full recognition will be sought from the IEAust when the course produces its first graduates.

Special Course Requirements

A candidate for the degree of Bachelor of Technology (Mechanical) must obtain at least 50 days of industrial experience, with a minimum of 25 days in an engineering environment approved by the course coordinator.

Candidates must, not later than the fourth week of semester 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 employment/practice including an Industrial Experience Record Form signed by the employer. Industrial Experience Record Forms and Information Booklets are available from the Faculty Office, Level 10, S Block, Gardens Point Campus. For further information contact the Faculty Industrial Experience Officer or the school office.

Students should not formally enrol in industrial employment/practice.

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).

Minors

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

All units are 12 credit points. Please refer to the Unit Synopses section for more information.

Year 1, Semester 1

- MAB105 Preparatory Mathematics
- MMB111 Mechanical Engineering Science
- MMB131 Engineering Materials
- PCB004 Physics IT

Year 1, Semester 2

- MAB180 Engineering Mathematics 1¹¹
- MMB182 Computer Aided Design & 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 & Computer Engineering 1
- MMB112 Dynamics
- MMB232 Materials Technology
- MMB252 Thermofluids

Year 3, Semester 1

- BSB115 Management, People & Organisations
- EEB220 Electrical Engineering 2M
- MMB281 Fundamentals of Mechanical Design
- MMB371 Manufacturing Processes

Year 3, Semester 2

- MGB207 Managing Human Resources
- MMB212 Mechanics 2
- MMB300 Project 3T
- MMB312 Mechanical Measurement

¹¹ Bachelor of Technology students opting for the 'A' unit attend the same classes and sit a different exam. A minimum grade of 5 is required to claim the exemption as a Bachelor of Engineering unit.

■ Bachelor of Technology (Mechanical) (ME36) – Articulation from Associate Diploma, or Equivalent

Course Duration: Three years part-time or 1.5 years full time (for conversion program)

Total Credit Points: 288 (144 credit points exemption)

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 Course Structure

Prospective part-time students for this degree should be aware that they may need day release from their employers.

All units are 12 credit points. Please refer to the unit synopses section for more information.

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.

Year 1, Semester 1

MMB281 Fundamentals of Mechanical Design
MMB371 Manufacturing Processes

Year 1, Semester 2

MGB207 Managing Human Resources
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 & Organisations
MMB302 Project 2T

Year 3, Semester 2

MMB212 Mechanics 2
MMB312 Mechanical Measurement



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OVERVIEW

The Faculty of Business attracts about a quarter of QUT's total enrolments, making it the largest faculty in the University. Services are offered on both the Gardens Point campus and the Carseldine campus. The Faculty of Business provides a range of services to clients and the community. As you would expect, our services include a broad selection of degree programs covering most areas of contemporary business.

We also offer professional development programs and contract research and consultancy services, and because we believe in giving something back to the community that supports us, faculty staff – individually and in groups – engage in a wide range of community service activities.

DEGREE PROGRAMS

To maximise options for students and employers, the Faculty of Business offers degrees in business at the following levels:

- Undergraduate degree
- Postgraduate coursework programs (graduate certificate, graduate diploma, masters)
- Postgraduate research programs (honours, masters, PhD).

□ *Bachelor of Business*

At the undergraduate level, we are committed to developing global business professionals – individuals who can operate successfully in today's international environment.

Bachelor of Business graduates have a good grasp of general business principles, thanks to a compulsory program of core subjects.

In addition, undergraduate students are able to specialise in up to three specific areas of contemporary business, creating the course of study that best suits their skills, their career goals, and the needs of the market. The specialisation in electronic commerce is an example of our responsiveness to changing market needs.

Students can choose to major in:

- accountancy
- banking and finance
- communication (including advertising or public relations)
- economics
- human resource management
- international business

- management
- marketing.

As well as providing high-level practical skills, the degree also introduces important theoretical concepts to ensure students understand *why* as well as *what* to do.

This mix of theory and practice is increasingly important as the pace of change in business accelerates. With a good understanding of theory, students are able to adapt to changing conditions and are equipped to anticipate future opportunities.

□ *Postgraduate coursework programs*

At the postgraduate level, the Faculty's aim is to develop leaders who are equipped to operate successfully in the global business environment.

Increasingly, postgraduate study is sponsored or supported by employers. There are significant cost benefits in outsourcing high-level business education and development activities. Providing such opportunities for staff is also likely to be a powerful tool in attracting and keeping the best quality staff.

The Faculty of Business recognises that people undertake postgraduate study for a range of reasons including career change, career advancement, and personal development.

As well as offering courses designed to extend and develop skills gained in previous study and work experience, we also help students move into new fields with programs designed to introduce new skills and knowledge at the postgraduate level.

The highly regarded MBA program, for example, is designed to give experienced professionals the management skills they need to contribute effectively at senior levels. The MBA is one of many programs offered through the Brisbane Graduate School of Business.

Courses range from four subjects (graduate certificate), to eight subjects (graduate diploma), or twelve subjects (masters) and cover most areas of contemporary business (based on a standard 12-credit point unit). The MBA and related programs now offer 6 and 12 credit point units.

Normally, a part-time student completes two subjects per semester and a full-time student completes four subjects per semester. The QUT academic calendar comprises two semesters plus a summer program.

□ *Postgraduate Research programs*

The Faculty of Business also provides extensive opportunities for research students and aims to

produce nationally and internationally competitive researchers, academics, and practitioners.

Far from being 'ivory tower', our research students typically focus on isolating issues, identifying constructs, and contributing to the development of theories that can be applied in the real world.

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 Leadership, Work Effectiveness, and Knowledge Management. The services include joint industry research and public seminars.

PhD applications are welcome in the areas of:

- leadership
- organisational change and culture
- human resource management
- public policy
- strategy
- organisational effectiveness.

Director: Professor 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

THE COMMUNICATION CENTRE

The mission of the Communication Centre is 'to develop an international collaborative research network which facilitates change in communication towards foresight, action learning and shared understanding among leaders, decision-makers and community members to create a sustainable, humanising and socially just future'.

In 1995 the centre became a QUT Collaborative Centre. Its international links and collaborative projects are extensive, and it facilitates the activities of a global network of researchers, students, industry, government and community members. The centre regularly hosts visitors from Australian and overseas organisations and has established links with many prominent overseas institutions.

The Communication Centre organises workshops and seminars for postgraduate students. It also supports and directs PhD and Masters students on contemporary and emerging communication issues.

The centre offers postgraduate supervision in these areas:

- communication futures (the overarching program for scoping concepts of communication and theory development) – global ethics; civilisational futures; pluralistic methodologies and methods; local-global conversations; global visions; communication technologies in education futures.
- emerging communication technologies – business use of e-mail; applications of information and communication technologies (ICT) in the health sector; community applications of narrowband ISDN; telecommuting.
- communication for change (interdisciplinary research aimed at understanding the complex interrelationships of human communication, and the role of communication in change, at the local, community, organisational and national levels) – communication management; communication for development; reframing developmental communication; managing the transition to the new digital telecommunications technology.
- communication and gender – gender and community development; gender and communication technology; gender and leadership; gender and rurality; feminist theory and methodology; gender issues in community consultation processes.

Director (Acting): Ms L.E. Simpson, DipT Mt Gravatt, BEd Brisbane, MEd James Cook

Phone: +61 7 3864 2192

Fax: +61 7 3864 1813

SENIOR STAFF

□ *Faculty Office*

Dean: Professor Sandra Harding, BSc(Hons) ANU, MPub Admin *Qld*, PhD *Nth Carolina*

Assistant Dean/Director of Graduate Studies: Dr Jennifer Radbourne, CertT BA MA PhD *Qld*, LSDA (Aust), ATCL (Lond)

Director of Research & Development: Associate 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 Communication*

Head: Professor Charles Patti, BA, MS, PhD *Ill.*

Associate Professors:

G.H. Hearn, BSc, BSc(Hons), PhD *Qld*

J.L. Everett, BA *Michigan*, MA *Colorado*, 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*

Professor: R.D. Scott, BA(Hons) DipPubAdmin *Tas.*, DPhil *Oxf.*, FACE

Associate Professors:

N. Ryan, BSc, MSc MPhil PhD *Griff*.

T. Williams, BA(Hons), MA *Melb.*, PhD *W.Aust.*

□ *School of Marketing and International Business*

Head: Professor William Renforth, AB *Rollins College*, MBA *Crummer*, MS, MBA DBA *Indiana*

Professor: N. Arnold, BMus MSc *Southern Ill.*, ReD *Indiana*, FAMI, CMC, AIMC

■ Master of Applied Finance (BS98)

Location: Gardens Point campus

Course Duration: 3 semesters full-time* or 6 semesters part-time

Total Credit Points: 144

Standard Credit Points/Part-time Semester: 24

Course Coordinator: Dr Jennifer Radbourne

Major Coordinator: Mr Mark Christensen

* The unit EFN406 Managerial Finance (or its equivalent) is a prerequisite for progression in the course and can be completed after enrolment and online before arrival on campus to allow for full-time completion of remaining units.

Entry Requirements

Applicants should hold an undergraduate degree, except in Finance, from a recognised tertiary institution or equivalent.

Special Entry

A limited number of places will be available to applicants who have successfully completed either a Graduate Certificate in Business, with a major in Finance offered by the School of Economics and Finance; or the equivalent of postgraduate diploma studies in finance offered by a professional body.

Under special entry each applicant will be individually assessed. Applicants without a degree or formal qualifications but with extensive and/or relevant work experience will be considered for special entry.

Applicants under special entry will first enrol in the Graduate Diploma in Applied Finance. On successful completion these students will be permitted to enrol in the Master of Applied Finance.

Some applicants may require unit substitution where they have studied the equivalent of some introductory units in their undergraduate qualification. Choice of unit substitution will be undertaken in conjunction with and on the approval of the Director of Graduate Studies.

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 Australian Institute of Banking and Finance – AAIBF (Snr). Graduates meet the educational requirements for professional membership of The Finance and Treasury Association Ltd.

Course Requirements

Students must complete twelve units (144 credit points total). The course can be undertaken, on a part-time basis, over six semesters.

Some applicants may require unit substitution where they have studied the equivalent of some introductory units in their undergraduate qualification. Choice of unit substitution will be undertaken in conjunction with and on the approval of the Director of Graduate Studies.

Full-time Course Structure

Students undertaking this course on a full-time basis are advised to contact the School of Economics and Finance for enrolment advice.

Part-time Course Structure

Year 1, Semester 1

EFN406 Managerial Finance
EFN405 Managerial Economics

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 selected from any available postgraduate units offered by the faculty, subject to approval.

■ Master of Business (Research) (BS92)

Location: Gardens Point campus

Course Duration: 3 semesters full-time or 6 semesters part-time (without Honours entry); or 2 semesters full-time or 4 semesters part-time with an Honours degree.

Total credit points: 144 credit points (for entry without Honours), 96 credit points (for entry with Honours)

Standard credit points/Full-time Semester: 48

Course Coordinator: Associate Professor Neal Ryan

Major Coordinators:

Accountancy: Professor Roger Willett

Communication: Associate Professor Greg Hearn

Economics, Banking & Finance: Professor Stan Hurn

Human Resource Management: Professor Robert Waldersee

Management: Professor Robert Waldersee

Marketing & International Business: Dr Beverley Kitching

Entry Requirements

There are two main entry points to the Master of Business (Research). For those entering with an Honours degree, the Honours (at level IIB or better) must be relevant to the field of study in the Masters of Business (Research). For those entering from a pass degree, the entry requirement is an undergraduate degree with a major in an approved area plus, normally, a grade point average of 5 or more on a 7-point scale. You may also present a case based on evidence of previous qualifications that demonstrate your capacity to successfully undertake the course of study.

Course Requirements

Students entering with an approved honours degree are required to undertake a 96 credit point thesis. Students entering with a relevant pass degree will complete the following programs of study.

PROGRAM FOR ACCOUNTANCY, BANKING & FINANCE, AND ECONOMICS

Compulsory Units

All students must complete:

BSN500 Research Methods
Elective unit¹

plus:

BSN600/1 Thesis
BSN600/2 Thesis
BSN600/3 Thesis
BSN600/4 Thesis
BSN600/5 Thesis
BSN600/6 Thesis
BSN600/7 Thesis
BSN600/8 Thesis

plus:

Two Accountancy units, OR
Two Banking & Finance units, OR
Two Economics units

Accountancy Units

Accountancy students should select two of the following units:

AYN505 Accounting Honours – A
AYN506 Accounting Honours – B
AYN507 Business Law Honours

Banking and Finance Units

Banking & Finance students should complete the following compulsory units:

EFN504 Finance Honours
EFN505 Financial Risk Management

Economics Units

Economics students should complete the following compulsory units:

EFN500 Contemporary Macroeconomic Theories
EFN502 Developments in Microeconomic Theories

PROGRAM FOR COMMUNICATION

Students may elect to study either full-time or part-time, enrolling in two or three semesters per year, depending on availability of units.

Full-time Course Structure

Year 1, Semester 1

BSN502 Research Methodology
CON406 Communication Strategies
CON500 Qualitative Research Enquiry
Elective unit to be taken from any 12 credit point postgraduate unit offered by the School of Communication.

Year 1, Semester 2

BSN600/1 Thesis
BSN600/2 Thesis
BSN600/3 Thesis
BSN600/4 Thesis

Year 1, Summer Program or Year 2, Semester 1

BSN600/5 Thesis
BSN600/6 Thesis
BSN600/7 Thesis
BSN600/8 Thesis

Part-time Course Structure

Year 1, Semester 1

CON406 Communication Strategies
CON500 Qualitative Research Enquiry

Year 1, Semester 2

BSN600/1 Thesis
Elective unit to be taken from any 12 credit point postgraduate unit offered by the School of Communication

Year 2, Semester 1

BSN502 Research Methodology
BSN600/2 Thesis

¹ Elective unit to be taken from any 12 credit point 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 course coordinator.

Year 2, Semester 2

BSN600/3 Thesis
BSN600/4 Thesis

Year 3, Semester 1

BSN600/5 Thesis
BSN600/6 Thesis

Year 3, Semester 2

BSN600/7 Thesis
BSN600/8 Thesis

PROGRAM FOR HUMAN RESOURCE MANAGEMENT, INTERNATIONAL BUSINESS, MANAGEMENT & MARKETING

Under the umbrella of Management and Human Resource Management, students may be able to undertake a thesis in Employee Relations or Public Management. Details are available from the course coordinator or the School of Management.

Under the umbrella of Marketing and International Business, students may be able to take specialised studies in Arts Administration, Fundraising, Industry Economics or Tourism. Details are available from the course coordinator or the School of Marketing and International Business.

□ HUMAN RESOURCE MANAGEMENT

Full-time Course Structure

Year 1, Semester 1

BSN502 Research Methodology
BSN503 Research Seminars
MGN506 Contemporary Issues in HRM
BSN600/1 Thesis

Year 1, Semester 2

MGN508 HRM Cases
BSN600/2 Thesis
BSN600/3 Thesis
BSN600/4 Thesis

Year 1, Summer Program or Year 2, Semester 1

BSN600/5 Thesis
BSN600/6 Thesis
BSN600/7 Thesis
BSN600/8 Thesis

Part-time Course Structure

Enrolment in the summer program (Semester 3) is optional.

Year 1, Semester 1

BSN502 Research Methodology
MGN506 Contemporary Issues in HRM

Year 1, Semester 2

MGN508 HRM Cases
BSN600/1 Thesis

Year 1, Summer Program

BSN600/2 Thesis
BSN600/3 Thesis

Year 2, Semester 1

BSN503 Research Seminars
BSN600/4 Thesis

Year 2, Semester 2

BSN600/5 Thesis
BSN600/6 Thesis

Year 2, Summer Program

BSN600/7 Thesis
BSN600/8 Thesis

□ INTERNATIONAL BUSINESS

Full-time Course Structure

Year 1, Semester 1

BSN502 Research Methodology
BSN503 Research Seminars
BSN600/1 Thesis
Unit to be selected in consultation with supervisor

Year 1, Semester 2

BSN600/2 Thesis
BSN600/3 Thesis
BSN600/4 Thesis
Unit to be selected in consultation with supervisor

Year 1, Summer Program or Year 2, Semester 1

BSN600/5 Thesis
BSN600/6 Thesis
BSN600/7 Thesis
BSN600/8 Thesis

Part-Time Course Structure

Enrolment in the summer program is optional.

Year 1, Semester 1

BSN502 Research Methodology
BSN503 Research Seminars

Year 1, Semester 2

BSN600/1 Thesis
Unit to be selected in consultation with supervisor

Year 1, Summer Program

BSN600/2 Thesis
BSN600/3 Thesis

Year 2, Semester 1

BSN600/4 Thesis
Unit to be selected in consultation with supervisor

Year 2, Semester 2

BSN600/5 Thesis
BSN600/6 Thesis

Year 2, Summer Program

BSN600/7 Thesis
BSN600/8 Thesis

□ MANAGEMENT

Full-time Course Structure

Year 1, Semester 1

BSN502 Research Methodology
BSN503 Research Seminars
MGN501 Readings in Management
BSN600/1 Thesis

Year 1, Semester 2

MGN507 Contemporary Issues in Management
 BSN600/2 Thesis
 BSN600/3 Thesis
 BSN600/4 Thesis

Year 1, Summer Program or Year 2, Semester 1

BSN600/5 Thesis
 BSN600/6 Thesis
 BSN600/7 Thesis
 BSN600/8 Thesis

Part-time Course Structure

Enrolment in the summer program is optional.

Year 1, Semester 1

BSN502 Research Methodology
 MGN501 Readings in Management

Year 1, Semester 2

MGN507 Contemporary Issues in Management
 BSN600/1 Thesis

Year 1, Summer Program

BSN600/2 Thesis
 BSN600/3 Thesis

Year 2, Semester 1

BSN503 Research Seminars
 BSN600/4 Thesis

Year 2, Semester 2

BSN600/5 Thesis
 BSN600/6 Thesis

Year 2, Summer Program

BSN600/7 Thesis
 BSN600/8 Thesis

□ MARKETING**Full-time Course Structure****Year 1, Semester 1**

BSN502 Research Methodology
 BSN503 Research Seminars
 BSN600/1 Thesis
 plus one Marketing unit (from the list below)

Year 1, Semester 2

BSN600/2 Thesis
 BSN600/3 Thesis
 BSN600/4 Thesis
 plus one Marketing unit (from the list below)

Year 1, Summer Program or Year 2, Semester 1

BSN600/5 Thesis
 BSN600/6 Thesis
 BSN600/7 Thesis
 BSN600/8 Thesis

Part-time Course Structure

Enrolment in the summer program (Semester 3) is optional.

Year 1, Semester 1

BSN502 Research Methodology
 BSN503 Research Seminars

Year 1, Semester 2

BSN600/1 Thesis
 plus one Marketing unit (from the list below)

Year 1, Summer Program

BSN600/2 Thesis
 One Marketing unit (from the list below)
 OR
 BSN600/3 Thesis

Year 2, Semester 1

BSN600/3 Thesis
 OR
 One Marketing unit (from the list below)
 BSN600/4 Thesis

Year 2, Semester 2

BSN600/5 Thesis
 BSN600/6 Thesis

Year 2, Summer Program

BSN600/7 Thesis
 BSN600/8 Thesis

Marketing Units

MIN407 Contemporary Issues in Marketing
 MIN414 Marketing Decision Systems
 MIN419 Seminars in Consumer Behaviour
 MIN421 Seminars in International Marketing
 MIN422 Seminars in Marketing Management
 MIN423 Seminars in Product Innovation & Development
 MIN424 Seminars in Services Marketing
 MIN429 Strategic Marketing Management
 MIN438 Marketing for On-Line Services

■ Master of Business (BS93)

In the areas of Communication, Human Resource Management, International Business, Marketing, and Public Management.

Location: Gardens Point campus

Course Duration: 3 semesters full-time, 6 semesters part-time. Some majors are designed to be completed in one calendar year full-time, including a Summer Program teaching period.

Total Credit Points: 144

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr Jennifer Radbourne

Major Coordinators:

Communication: Associate Professor Jim Everett
Human Resource Management: Ms Leisa Sargent
Marketing & International Business: Mr Gary Chittick

Public Management: Professor Roger Scott

□ Communication Major

Specialising in Advertising, Organisational Communication or Public Relations.

Course Duration

The major is designed for possible completion by full-time students in one calendar year consisting of

three teaching periods. Students should note that elective units and the 24 credit point Communication Project are offered during the summer program. Careful planning is necessary to ensure that units are taken in an appropriate sequence to enable 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.

Entry Requirements

An undergraduate degree in the same specialised area as the intended postgraduate studies in communication.

Course Requirements

The BS93 Communication major is under review and subject to change. Please consult the School of Communication to confirm the details of the course requirements.

(i) Major core, required of all students (96 credit points):

- CON406 Communication Strategies
- CON407 Communication Technology & Global Networks
- CON408 Crisis Communication
- CON412 Contemporary Issues in Advertising
- CON421 Seminar in Integrated Marketing Communication
- CON500 Qualitative Research Enquiry

Advertising Specialisation:

- CON418 Seminar in Media Strategy
 - CON419 Strategies for Creative Advertising
- OR

Organisational Communication Specialisation:

- CON401 Advanced Organisational Communication
 - CON413 Issues in Intercultural Communication
- OR

Public Relations Specialisation:

- CON409 Financial Communication
- CON414 Public Communication

(ii) Project (24 credit points):

- CON405 Communication Project

(iii) Electives (24 credit points):

- Elective unit
- CON416 Readings in Communication OR
- Elective unit

Students may choose their elective units from another specialisation in the Communication major or from another major in the Master of Business (BS93). Any deviation from this should be approved by the course coordinator.

Full-time Course Structure

Year 1, Semester 1

- CON406 Communication Strategies
- CON407 Communication Technology & Global Networks

- CON500 Qualitative Research Enquiry
- Elective unit

Students select a specialisation and enrol in two units for that specialisation.

Year 1, Semester 2

- CON412 Contemporary Issues in Advertising
- CON421 Seminar in Integrated Marketing Communication

Advertising specialisation:

- CON418 Seminar in Media Strategy
- CON419 Strategies for Creative Advertising

Organisational Communication specialisation:

- CON401 Advanced Organisational Communication
- CON413 Issues in Intercultural Communication

Public Relations specialisation:

- CON409 Financial Communication
- CON414 Public Communication

Year 1, Summer Program

- CON405 Communication Project
- CON416 Readings in Communication
- Elective unit

Part-time Course Structure

Students must select a specialisation and enrol in two units for that specialisation.

Year 1, Semester 1

- CON406 Communication Strategies
- CON407 Communication Technology & Global Networks

Year 1, Semester 2

Advertising specialisation:

- CON418 Seminar in Media Strategy
- CON419 Strategies for Creative Advertising

Organisational Communication specialisation:

- CON401 Advanced Organisational Communication
- CON413 Issues in Intercultural Communication

Public Relations specialisation:

- CON409 Financial Communication
- CON414 Public Communication

Year 1, Summer Program

- CON416 Readings in Communication
- Elective unit

Year 2, Semester 1

- CON500 Qualitative Research Enquiry
- Elective unit

Year 2, Semester 2

- CON412 Contemporary Issues in Advertising
- CON421 Seminar in Integrated Marketing Communication

Year 2, Summer Program

- CON405 Communication Project

□ Human Resource Management Major

Course Duration

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

Entry Requirements

- (i) A degree, or equivalent, in Business or Commerce, with an approved HRM major/specialisation/minor, or equivalent study in organisational behaviour, organisational psychology or industrial relations.
- (ii) An alternative entry point into the BS93 Master of Business (HRM) for students with a business or other relevant degree in a discipline other than HRM could include articulation from a Graduate Certificate in Business (HRM). Such applicants will also require at least two years' work experience in a related field.

Course Requirements

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).

For students with a degree in Business and a major/specialisation or minor in HRM:

(i) 8 major core units (96 credit points):

BSN400	Industry Analysis
BSN408	Business & the International Environment
MGN421	Strategic Human Resource Management
MGN422	Contemporary Issues & Practices in Employee Relations
MGN423	Contemporary Strategic Analysis
MGN424	International Dimensions of Human Resource Management
MGN505	Consulting & Change Management
MGN506	Contemporary Issues in Human Resource Management

(ii) Elective units (48 credit points) to be selected from:

BSN401	Management, the Organisation & International Business
BSN406	Project
EFN406	Managerial Finance
MGN402	Government-Business Relations
MGN413	Quality Systems Management
MGN508	HRM Cases
MGN509	HRM Project 1
MIN403	Business in Asia
MIN404	Business in Europe

Or other units as approved by the course coordinator

(Students with a minor in HRM should closely liaise with the major coordinator when planning their program.)

Full-time Course Structure (One calendar year)

Year 1, Semester 1

BSN400	Industry Analysis
BSN408	Business & the International Environment
MGN505	Consulting & Change Management
MGN506	Contemporary Issues in HRM

Year 1, Semester 2

MGN421	Strategic Human Resource Management
MGN422	Contemporary Issues & Practices in Employee Relations
MGN423	Contemporary Strategic Analysis
MGN424	International Dimensions of HRM

Year 1, Summer Program

Elective unit
Elective unit
Elective unit
Elective unit

Part-time Course Structure (Over two years)

Year 1, Semester 1

BSN408	Business & the International Environment
MGN506	Contemporary Issues in HRM

Year 1, Semester 2

MGN422	Contemporary Issues & Practices in Employee Relations
MGN424	International Dimensions of HRM

Year 1, Summer Program

Elective unit
Elective unit

Year 2, Semester 1

BSN400	Industry Analysis
MGN505	Consulting & Change Management

Year 2, Semester 2

MGN421	Strategic HRM
MGN423	Contemporary Strategic Analysis

Year 2, Summer Program

Elective unit
Elective unit

□ International Business Major

Course Duration

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.

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 and cross cultural communication, as approved by the course coordinator with advice from the major coordinator. Students without an undergraduate business degree may be admitted at the discretion of the Director, Graduate Studies.

Course Requirements

All students will undertake eight compulsory core units (96 credit points) and also complete 48 credit points of elective units from among the alternatives indicated below.

(i) Major core required of all students (96 credit points):

BSN400	Industry Analysis
BSN401	Management, the Organisation & International Business
BSN408	Business & the International Environment
EFN417	Introduction to International Finance
MGN423	Contemporary Strategic Analysis
MGN424	International Dimensions of Human Resource Management
MIN421	Seminars in International Marketing

PLUS one of the following:

MIN403	Business in Asia
MIN404	Business in Europe
MIN435	Business in Australia

(ii) Electives (48 credit points) selected from:

1. A project or internship up to 24 credit points, approved by the major coordinator. Project units are:

BSN404	Project 1
BSN405	Project 2
BSN406	Project 3

2. Two or four language units in one language. Students should be aware of the fact that the option of completing language units may only be available for part-time students or those who choose to undertake these units on an overload basis.

3. Units selected from:

AYN424	International Accounting
CON413	Issues in Intercultural Communication
EFN410	Economic & Financial Modelling
MIN400	Arts Administration & Society
MIN403	Business in Asia (if not selected in core)
MIN404	Business in Europe (if not selected in core)
MIN406	Comparative Regulatory Systems
MIN407	Contemporary Issues in Marketing
MIN413	Market & Business Research Methods
MIN415	Marketing Arts & Culture
MIN419	Seminars in Consumer Behaviour
MIN423	Seminars in Product Innovation & Development

MIN424	Seminars in Services Marketing
MIN426	Special Topic in International Business
MIN430	The Arts Industry
MIN435	Business in Australia (if not selected in core)

4. Approved study trips or any other graduate level unit for which the student meets the relevant prerequisites, approved by the major coordinator.

5. Up to 24 credit points of English language study, approved by the major coordinator.

Full-time Course Structure

One calendar year including a full summer program

Year 1, Semester 1

BSN400	Industry Analysis
BSN401	Management, the Organisation & International Business
BSN408	Business & the International Environment

PLUS one of the following:

MIN403	Business in Asia
MIN404	Business in Europe
MIN435	Business in Australia

Year 1, Semester 2

EFN417	Introduction to International Finance
MGN421	Seminars in 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

Year 1, Semester 1

BSN401	Management, the Organisation & International Business
BSN408	Business & the International Environment
Elective	
Elective	

Year 1, Semester 2

EFN417	Introduction to International Finance
MGN421	Seminars in International Marketing
MGN423	Contemporary Strategic Analysis
MGN424	International Dimensions of HRM

Year 2, Semester 1

BSN400	Industry Analysis
Project(s)/elective(s)	

PLUS one of the following:

MIN403	Business in Asia
MIN404	Business in Europe
MIN435	Business in Australia

Part-time Course Structure

Year 1, Semester 1

BSN401	Management, the Organisation & International Business
BSN408	Business & the International Environment

Year 1, Semester 2

MGN421 Seminars in International Marketing
MGN424 International Dimensions of HRM

Year 1, Summer Program

Elective

Year 2, Semester 1

BSN400 Industry Analysis

PLUS one of the following:

MIN403 Business in Asia

MIN404 Business in Europe

MIN435 Business in Australia

Year 2, Semester 2

EFN417 Introduction to International Finance

MGN423 Contemporary Strategic Analysis

Year 2, Summer Program

Elective

Year 3, Semester 1

Project(s)/elective(s)

□ Marketing Major

Course Duration

This 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 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.

Entry Requirements

An undergraduate degree or equivalent, with a major in marketing or equivalent professional experience. Students with undergraduate study in business, commerce, economics, or one of the social sciences combined with appropriate business study may be eligible on a case by case basis as approved by the course coordinator with advice from the major coordinator.

Course Requirements

All students will undertake eight compulsory units (96 credit points) and also complete 48 credit points of elective units from among the alternatives indicated below.

Students with an extended undergraduate major in marketing (8-12 units) may be advised by the major coordinator to substitute marketing electives for three core units. This ensures all students are studying at a level advanced from their undergraduate study.

(i) Major core required of all students (96 credit points):

CON421 Seminars in Integrated Marketing Communication
MIN413 Market & Business Research Methods
MIN419 Seminars in Consumer Behaviour
MIN421 Seminars in International Marketing
MIN422 Seminars in Marketing Management
MIN423 Seminars in Product Innovation & Development
MIN424 Seminars in Services Marketing
MIN429 Strategic Marketing Management

(ii) Electives (48 credit points) selected from:

1. A project, or internship, up to 24 credit points, approved by the major coordinator. Project units include:

BSN404 Project 1

BSN405 Project 2

BSN406 Project 3

2. Approved study trips.

3. Up to 24 credit points of English language study, approved by the major coordinator.

4. Units selected from the BS93 Master of Business (International Business), BS88 or MBA programs, for which the student meets the relevant prerequisites, approved by the major coordinator.

5. Units selected from:

MIN400 Arts Administration & Society

MIN407 Contemporary Issues in Marketing

MIN409 Fundraising Principles

MIN408 Fundraising Campaigns

MIN414 Marketing Decision Systems

MIN415 Marketing Arts & Culture

MIN430 The Arts Industry

MIN434 Special Topic in Marketing

MIN435 Business in Australia

MIN438 Marketing for On-line Services

Full-time Course Structure

One calendar year

Year 1, Semester 1

MIN413 Market & Business Research Methods

MIN419 Seminars in Consumer Behaviour

MIN422 Seminars in Marketing Management

MIN424 Seminars in Services Marketing

Year 1, Semester 2

CON421 Seminars in Integrated Marketing Communication

MIN421 Seminars in International Marketing

MIN423 Seminars in Product Innovation & Development

MIN429 Strategic Marketing Management

Year 1, Summer Program

Elective

Elective

Project(s)/elective(s)

Three Semesters, no Summer Program

Year 1, Semester 1

MIN413	Market & Business Research Methods
MIN422	Seminars in Marketing Management Elective Elective

Year 1, Semester 2

CON421	Seminars in Integrated Marketing Communication
MIN421	Seminars in International Marketing
MIN423	Seminars in Product Innovation & Development
MIN429	Strategic Marketing Management

Year 2, Semester 1

MIN419	Seminars in Consumer Behaviour
MIN424	Seminars in Services Marketing Project(s)/elective(s)

Part-time Course Structure

Year 1, Semester 1

MIN413	Market & Business Research Methods
MIN422	Seminars in Marketing Management

Year 1, Semester 2

MIN421	Seminars in International Marketing
MIN423	Seminars in Production Innovation & Development

Year 1, Summer Program

Elective

Year 2, Semester 1

MIN419	Seminars in Consumer Behaviour
MIN424	Seminars in Services Marketing

Year 2, Semester 2

CON421	Seminars in Integrated Marketing Communication
MIN429	Strategic Marketing Management

Year 2, Summer Program

Elective

Year 3, Semester 1

Project(s)/elective(s)

Public Management Major

Course Duration

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.

Entry Requirements

A QUT Bachelor of Business or equivalent degree in a relevant area, or a degree in another field combined with significant public sector work experience. If you have no undergraduate degree but have significant relevant work experience, you may

be admitted at the discretion of the Director, Graduate Studies.

Course Requirements

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.

Full-time Course Structure

Year 1, Semester 1

MGN402	Government-Business Relations
MGN425	The Context of Public Management
MGN517	Program Management & Evaluation Core option (offered in Semester 2 for 2001 only) or elective unit

Year 1, Semester 2

MGN421	Strategic Human Resource Management
MGN423	Contemporary Strategic Analysis
MGN426	International Trends in Public Management Core option or elective unit

Core Options

Students choose two of the following core options:

AYN432	Public Sector Accounting Issues
EFN405	Managerial Economics
CON407	Communication Technology & Global Networks
LWN088	Government, Law, Policy & Practice
MGN516	Policy Analysis
MGN524	Special Topic in Management 1

Electives

Students will select the equivalent of 48 credit points as electives in consultation with the major coordinator. Units offered as choices within the core can be counted as electives. Students are encouraged to take at least three units from the same general discipline area.

Electives may be available in, but are not limited to, the following areas of study:

- International Public Sector Management
- Economics and Public Finance
- Industrial Relations/Employee Relations
- Communication
- Arts Administration
- Human Services Management
- Health Services Management
- Urban Planning
- Media Industries and Policy
- Diversity in Public Management

It may also be possible to undertake an approved research project, internship, overseas study trip or exchange program for credit towards electives.

■ Master of Commerce (BS94)

In the fields of Accountancy, Banking and Finance, Business and Taxation Law, and Electronic Business.

Location: Gardens Point campus

Course Duration: 3 semesters full-time, 6 semesters part-time

Total Credit Points: 144

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr Jennifer Radbourne

Subject Area Coordinators:

Accountancy: Ms Lynn Gallagher

Banking and Finance: Mr Peter Whelan

Business and Taxation Law: Ms Lynn Gallagher

Electronic Business: Ms Lynn Gallagher

Entry Requirements

Applicants for admission to this degree shall hold:

- (a) a Bachelor of Business from QUT and shall have achieved a level of attainment in an appropriate discipline or disciplines considered by the Academic Board of the Faculty of Business to be acceptable for the purpose of proceeding to a degree of master; or
- (b) from another tertiary institution or from QUT, qualifications approved by the Academic Board, on the recommendation of the Head of School responsible for the specialisation which the applicant seeks to study, as equivalent to the requirements set out in (a) above.

This course provides advanced level studies in Accountancy, Banking and Finance, Business and Taxation Law, and Electronic Business.

At the discretion of the subject area coordinators, students may be required to complete some units in the BS70 Graduate Diploma in Advanced Accounting prior to entry into the BS94 Master of Commerce.

Professional Recognition

Graduates may meet the educational requirements for professional membership of The Finance and Treasury Association Ltd.

Course Requirements

Students are required to complete satisfactorily 12 units (144 credit points). This may include 12 coursework units, or may include up to two research projects (BSN404 Project 1, BSN405 Project 2 – 12 credit points each) OR a 24 credit point project (BSN409 Research Project).

A minimum of 10 units (120 credit points) must be selected from the following five lists. Students may choose to specialise in a particular field. 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 coordinators.

Postgraduate units will be offered each year, subject to sufficient student demand and staff availability. Only units to be offered will be timetabled each semester.

Research Methods

Students who elect to complete the 24 credit point research project must complete BSN500 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 hours per week (24 credit points). This unit is studied in one semester.

List One: Accountancy

AYN404	Advanced Company Accounting
AYN413	Computer Auditing
AYN415	External Reporting Issues
AYN419	Financial Modelling
AYN420	Financial Reporting
AYN424	International Accounting
AYN430	Managerial Accounting Issues A
AYN432	Public Sector Accounting Issues
AYN433	Special Topic in Accounting A
AYN434	Special Topic in Accounting B
AYN441	Advanced Auditing
AYN442	Superannuation
AYN505	Accounting Honours – A
AYN506	Accounting Honours – B

List Two: Banking and Finance

EFN401	Advanced Financial Institutions Management
EFN410	Economic & Financial Modelling
EFN416	Treasury & Portfolio Management
EFN500	Contemporary Macroeconomic Theories
EFN501	Corporate & Commercial Lending
EFN502	Developments in Microeconomic Theories
EFN504	Finance Honours
EFN505	Financial Risk Management
EFN506	Advanced International Finance
EFN507	Advanced Capital Budgeting

List Three: Business and Taxation Law

AYN405	Advanced Tax Planning
AYN406	Capital Gains Tax
AYN425	International Taxation
AYN426	Legal Environment of Business
AYN427	Liquidations & Receivership
AYN435	Taxation 1A (PY)
AYN436	Taxation 1B (PY)
AYN445	Goods & Services Tax
AYN507	Business Law Honours

List Four: Electronic Business

AYN413	Computer Auditing
AYN419	Financial Modelling
AYN446	Law of Electronic Commerce
AYN447	Issues in Electronic Commerce
AYN448	Management of Electronic Business Processes
AYN449	Enterprise Systems A
AYN450	Enterprise Systems B

List Five: Research Based Units

BSN500	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).

PY Units

A number of postgraduate units are equivalent in content to Professional Year (PY) units offered in the program. Professional Year units are normally taken only by students enrolled for the Professional Year with the Institute of Chartered Accountants in Australia. Students not undertaking the PY may enrol in the equivalent postgraduate units, but should note that abnormal timetables apply. Credit cannot be gained for both a PY unit and its equivalent unit.

■ Master of Business (Communication Studies) (BS88)

In the fields of Advertising, Organisational Communication and Public Relations.

Location: Gardens Point campus

Course Duration: 3 semesters full-time, 6 semesters part-time. This course has been designed to enable full-time students to complete the course in one calendar year consisting of three semesters. Because the units offered in summer program are limited, part-time students may not be able to complete the course in two years. These students should consult the school administration officer to check the availability of units if they wish to enrol in summer program.

Total Credit Points: 144

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr Jennifer Radbourne

Major Coordinator: Associate Professor Jim Everett

Entry Requirements

An undergraduate degree from a recognised tertiary institution in any area other than Communication – that is, advertising, organisational communication or public relations.

Bachelor of Business (Communication) graduates may apply for admission to the Graduate Diploma (BS72) but must select a major different from their undergraduate major. They may also be required to substitute units.

Course Requirements

Students complete 144 credit points consisting of:

- five core units (60 credit points);
- three units (36 credit points) from their chosen strand (Advertising, Organisational Communication or Public Relations);
- two elective units (24 credit points); and
- CON405 Communication Project (24 credit points).

Students are recommended to select their elective units from another strand in the Master of Business (Communication Studies). Any deviation to this should be approved by the course coordinator.

Articulation

Students who have articulated from the Graduate Diploma in Communication (BS72) and who commenced their study in 1996 or later may receive block credit for 96 credit points. They will be required to complete a further 48 credit points consisting of CON406 Communication Strategies, CON407 Communication Technology & Global Networks, and CON405 Communication Project. Students who commenced their study prior to 1996 will be required to undertake additional credit points to be admitted to the masters program. They should consult the course coordinator for advice on articulation requirements.

Full-time Course Structure

Students must choose one strand – Advertising, Organisational Communication or Public Relations and complete all the units in that strand.

Year 1, Semester 1

CON404	Communication Practice for Professionals
CON420	Theories of Human Communication
CON500	Qualitative Research Enquiry

Students completing Advertising strand also enrol in:
CON417 Seminar in Advertising Management

Students completing Organisational Communication strand also enrol in:

CON410	Interpersonal Communication & Negotiation
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Students completing Public Relations strand enrol in:
CON415 Public Relations Management

Year 1, Semester 2

- Elective unit
- Elective unit

Students completing Advertising strand also enrol in:
CON418 Seminar in Media Strategy
CON419 Strategies for Creative Advertising

Students completing Organisational Communication strand also enrol in:

CON401 Advanced Organisational Communication

CON413 Issues in Intercultural Communication

Students completing Public Relations strand also enrol in:

CON409 Financial Communication

CON414 Public Communication

Year 1, Semester 3

CON405 Communication Project

CON406 Communication Strategies

CON407 Communication Technology & Global Networks

Part-time Course Structure

Year 1, Semester 1

CON404 Communication Practice for Professionals

Students completing Advertising strand also enrol in:

CON417 Seminar in Advertising Management

Students completing Organisational Communication strand also enrol in:

CON410 Interpersonal Communication & Negotiation

Students completing Public Relations strand enrol in:

CON415 Public Relations Management

Year 1, Semester 2

Elective unit

Students completing Advertising strand also enrol in:

CON419 Strategies for Creative Advertising

Students completing Organisational Communication strand also enrol in:

CON401 Advanced Organisational Communication

Students completing Public Relations strand enrol in:

CON414 Public Communication

Year 2, Semester 1

CON420 Theories of Human Communication

CON500 Qualitative Research Enquiry

Year 2, Semester 2

Elective unit

Students completing Advertising strand also enrol in:

CON418 Seminar in Media Strategy

Students completing Organisational Communication strand also enrol in:

CON413 Issues in Intercultural Communication

Students completing Public Relations strand enrol in:

CON409 Financial Communication

Year 3, Semester 1

CON406 Communication Strategies

CON407 Communication Technology & Global Networks

Year 3, Semester 2

CON405 Communication Project

■ **Master of Business (Professional Accounting) (BS89)**

Location: Gardens Point campus

Course Duration: 3 semesters full-time, 6 semesters part-time

Total Credit Points: 144

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr Jennifer Radbourne

Major Coordinator: Dr Christine Ryan

Entry Requirements

For Australian residents, an applicant should normally possess:

- (i) an undergraduate degree qualification, except in accounting, from a recognised tertiary institution at a standard acceptable to the Dean of Faculty; and
- (ii) an appropriate standard of tertiary level achievement in quantitative methods/statistics. A candidate who has not met this requirement must complete either EFN409 Statistical Methods or EFB101 Data Analysis for Business in addition to the normal course requirements.

For international students, as above, plus English language proficiency to an approved standard.

Only non-accounting graduates will be admitted to this course. 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

Students completing the Master of Business (Professional Accounting) degree meet the academic requirements for Associate membership of CPA Australia, the academic requirements for enrolment in the CPA examinations and the academic requirements for enrolment in the Professional Year program of the Institute of Chartered Accountants in Australia.

Full-time Course Structure

Year 1, Semester 1

AYN410 Business Law & Ethics

AYN416 Financial Accounting 1

EFN406 Managerial Finance

EFN405 Managerial Economics

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 & Practice
AYN439 Management Accounting

Part-time Course Structure

Year 1, Semester 1

AYN410 Business Law & 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 & Practice
AYN439 Management Accounting

Year 3, Semester 2

EFN406 Managerial Finance
GSN411 Economics of Strategy 1*
GSN414 Business Conditions Analysis 1*

EFN405 Managerial Economics is unlikely to be available in Semester 2, 2001. Students unable to undertake EFN405 in Semester 1 may enrol in GSN411 and GSN414. These two 6 credit point units combined are deemed equivalent to EFN405.

* Please note that GSN411 and GSN414 are half-semester (seven week) units. GSN411 runs in the first half of the semester and GSN414 runs in the second half.

Master of Business Administration (GS10)

Location: Gardens Point campus.

Course Duration: 3 semesters full-time or 6 semesters part-time. The course must be completed within a maximum time period of five years.

Total Credit Points: 144

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr Jeremy Williams

Course Structure

Consists of 16 core units of 6 credit points each and a further 48 credit points of electives, which may be either 6 credit points or 12 credit point units.

Where elective units may be undertaken, students should check prerequisite requirements in the unit synopsis section of this handbook and obtain approval from the course coordinator prior to enrolment.

Electives

The Elective List for 2001 is available from the Brisbane Graduate School of Business on Level 1, B Block, or at www.bgsb.qut.edu.au/concentrations.htm.

Course Structure

The following sixteen (16) core units must be completed:

GSN401 Managing in the Global Business Environment
GSN402 Strategic Use of Information Technology
GSN403 Understanding Data
GSN404 Financial Statements Analysis 1
GSN405 Strategic Management
GSN406 Human Resource Management Issues
GSN407 Professional Communication 1
GSN408 Marketing Management 1
GSN409 Organisational Behaviour 1
GSN410 Entrepreneurship 1
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

Plus 48 credit points of elective units undertaken as a concentration/minor.

MASTER OF BUSINESS ADMINISTRATION – NEW VENTURE MANAGEMENT

Course Structure

The following sixteen (16) core units must be completed:

GSN401 Managing in the Global Business Environment
GSN402 Strategic Use of Information Technology
GSN403 Understanding Data
GSN404 Financial Statements Analysis 1
GSN407 Professional Communication 1
GSN408 Marketing Management 1
GSN410 Entrepreneurship 1
GSN411 Economics of Strategy 1
GSN412 Business Law 1
GSN413 Financial Management 1
GSN415 Leadership 1
GSN416 Business Plans 1
GSN418 Marketing Management 2
GSN420 Entrepreneurship 1
GSN423 Financial Management 2
GSN429 New Venture Marketing

The following four (4) elective units must be completed:

GSN414 Business Conditions Analysis 1
GSN426 Business Plans 2
GSN427 Financial Statements Analysis 2
GSN430 New Venture Funding

Plus 24 credit points of elective units undertaken from:

GSN431 New Venture Growth & Transitions
GSN432 New Venture Leadership & HRM

- GSN433 Public Policy for New & Small Business
- GSN434 Venture Capital
- MIN423 Seminars in Product Innovation & Development

Or any other electives with the permission of the MBA Director.

Concentrations and Minors

Students may complete more than one concentration and minor through careful choice of their 48 credit points of electives. Candidates with a prior degree in a business area may be allowed to bypass some introductory core units and take additional electives instead, and thus complete additional minors or concentrations.

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

□ Accounting

- GSN404 Financial Statement Analysis 1 (core)
- GSN427 Financial Statement Analysis 2 (required)
- GSN435 Electronic Commerce
- AYN414 Cost Accounting
- AYN417 Financial Accounting 2
- AYN418 Financial Accounting 3
- AYN424 International Accounting
- AYN439 Management Accounting
- AYN443 Electronic Commerce Cycles

plus other units offered by the Faculty of Business, with the permission of the MBA Director.

□ Advertising

- GSN407 Professional Communication 1 (core)
- GSN417 Professional Communication 2
- CON412 Contemporary Issues in Advertising
- CON417 Seminar in Advertising Management (required)
- CON419 Strategies for Creative Advertising
- CON421 Seminar in Integrated Marketing Communication

plus other units offered by the Faculty of Business, with the permission of the MBA Director.

□ Business Communication

- GSN407 Professional Communication 1 (core)
- GSN417 Professional Communication 2 (required)
- CON401 Advanced Organisational Communication (required)
- CON408 Crisis Communication
- CON413 Issues in Intercultural Communication
- CON420 Theories of Human Communication

plus other units offered by the Faculty of Business, with the permission of the MBA Director.

□ Business English

- QCD110 Business English 1
- QCD210 Business English 2

taken at Queensland University of Technology International College (for International Students only with permission of the Director MBA).

□ Business Law

- GSN412 Business Law 1 (core)
- GSN422 Business Law 2 (required)
- AYN412 Company Law
- AYN426 Legal Environment of Business
- AYN438 Taxation Law & Practice
- LWN117 Legal Regulation of the Internet

plus other units offered by the Faculty of Business, with the permission of the MBA Director.

□ Diversity Management

- GSN208 Personal Development & Ethics For Managers
- GSN219 Understanding Diversity within the Organisation (required)
- GSN220 Understanding Diversity: an International Perspective
- GSN406 Human Resource Management Issues (core)
- GSN409 Organisational Behaviour 1 (core)

plus other units offered by the Faculty of Business, with the permission of the MBA Director.

□ Electronic Commerce

- GSN402 Strategic Use of Information Technology (core)
- GSN435 Electronic Commerce (required)
- GSN447 Strategic Internet Marketing 1
- GSN448 Strategic Internet Marketing 2
- GSN454 Economics of Information & E-Commerce
- AYN443 Electronic Commerce Cycles
- CON426 Digital Business Strategy
- ITN251 Issues in Information Technology Management
- ITN341 Information Policy & Planning
- ITN355 Information Resources for Business & Industry
- LWN117 Legal Regulation of the Internet

plus other units offered by the Faculty of Business, with the permission of the MBA Director.

□ Entrepreneurship

- GSN410 Entrepreneurship 1 (core)
- GSN416 Business Plans 1 (core)
- GSN420 Entrepreneurship 2 (required)
- GSN426 Business Plans 2
- GSN429 New Venture Marketing
- GSN430 New Venture Funding
- GSN431 New Venture Growth & Transition
- GSN432 New Venture Leadership & HRM
- GSN433 Public Policy for New & Small Business
- GSN434 Venture Capital
- GSN435 Electronic Commerce
- MIN423 Seminars in Product Innovation & Development

plus other units offered by the Faculty of Business, with the permission of the MBA Director.

□ Finance

- GSN413 Financial Management 1 (core)
- GSN414 Business Conditions Analysis 1 (core)
- GSN423 Financial Management 2 (required)
- GSN424 Business Conditions Analysis 2

GSN430 New Venture Funding
 GSN434 Venture Capital
 EFN412 Advanced Managerial Finance
 EFN414 International Finance
 EFN415 Security Analysis
 EFN417 Introduction to International Finance
 EFN506 Advanced International Finance

plus other units offered by the Faculty of Business, with the permission of the MBA Director.

□ **Human Resource Management**

GSN219 Understanding Diversity within the Organisation
 GSN220 Understanding Diversity: an International Perspective
 GSN406 Human Resource Management Issues (core)
 GSN409 Organisational Behaviour 1 (core)
 GSN419 Organisational Behaviour 2
 GSN432 New Venture Leadership & HRM
 GSN452 International Human Resource Management
 MGN421 Strategic Human Resource Management
 MGN422 Contemporary Issues & Practices in Employee Relations
 MGN427 Human Resource Management (required)

plus other units offered by the Faculty of Business, with the permission of the MBA Director.

□ **International Business**

AYN424 International Accounting
 EFN414 International Finance
 GSN401 Managing in the Global Business Environment (core)
 GSN428 International Study Tour
 GSN452 International Human Resource Management
 MIN403 Business in Asia
 MIN404 Business in Europe
 MIN405 Business in North America
 MIN421 Seminars in International Marketing
 MIN435 Business in Australia

plus other units offered by the Faculty of Business, with the permission of the MBA Director.

□ **Information Technology Management**

GSN402 Strategic Use of Information Technology (core)
 ITN220 Major Issues in Information Systems
 ITN251 Issues in Information Technology Management
 ITN252 Process Engineering
 ITN255 Knowledge Management & Enterprise Wide Systems
 ITN341 Information Policy & Planning
 ITN355 Information Resources for Business & Industry

□ **Language Studies**

24 credit points in a Foreign Language, with the permission of the MBA Director.

□ **Leadership**

GSN207 Organisational Analysis & Consulting
 GSN208 Personal Development & Ethics for Managers

GSN407 Professional Communication 1 (core)
 GSN415 Leadership 1 (core)
 GSN417 Professional Communication 2 (required)
 GSN425 Leadership 2 (required)
 GSN432 New Venture Leadership & Human Resource Management
 GSN453 Economics of Health & Health Care
 GSN454 Economics of Information & E-Commerce

plus other units offered by the Faculty of Business, with the permission of the MBA Director.

□ **Managerial Economics**

GSN411 Economics of Strategy 1 (core)
 GSN414 Business Conditions Analysis 1 (core)
 GSN421 Economics of Strategy 2 (required)
 GSN424 Business Conditions Analysis 2
 GSN453 Economics of Health & Health Care
 GSN454 Economics of Information & E-Commerce
 EFN403 Economics & Public Policy
 EFN404 Environmental Economics & Policy
 EFN408 Special Topic – Economics, Banking and Finance A

plus other units offered by the Faculty of Business, with the permission of the MBA Director.

□ **Manufacturing Management**

GSN405 Strategic Management (core)
 GSN436 Introduction to Facilities Management 1
 GSN437 Introduction to Facilities Management 2
 GSN438 Production & Operations Management 1 (required)
 GSN439 Production & Operations Management 2 (required)
 GSN440 Risk Management 1
 GSN441 Risk Management 2
 GSN442 Project Management 1
 GSN443 Project Management 2

plus other units offered by the Faculty of Business, with the permission of the MBA Director.

□ **Marketing**

GSN408 Marketing Management 1 (core)
 GSN418 Marketing Management 2 (required)
 GSN429 New Venture Marketing
 GSN447 Strategic Internet Marketing 1
 GSN448 Strategic Internet Marketing 2
 GSN449 Public Sector & Social Marketing 1
 GSN450 Public Sector & Social Marketing 2
 CON421 Seminar in Integrated Marketing Communication
 MIN419 Seminars in Consumer Behaviour
 MIN421 Seminars in International Marketing
 MIN422 Seminars in Marketing Management
 MIN424 Seminars in Services Marketing
 MIN425 Seminars in Strategic Marketing

plus other units offered by the Faculty of Business, with the permission of the MBA Director.

□ **Public Relations**

GSN407 Professional Communication 1 (core)
 GSN417 Professional Communication 2 (required)
 CON408 Crisis Communication
 CON409 Financial Communication

- CON415 Public Relations Management (required)
- CON421 Seminar in Integrated Marketing Communication
- CON423 Corporate Writing
- CON424 Public Relations Methods

plus other units offered by the Faculty of Business, with the permission of the MBA Director.

□ **Services Management**

- GSN405 Strategic Management (core)
- GSN442 Project Management 1
- GSN443 Project Management 2
- GSN436 Introduction to Facilities Management 1
- GSN437 Introduction to Facilities Management 2
- GSN440 Risk Management 1
- GSN441 Risk Management 2
- CNP100 Fundamentals of Facilities Management
- CNP101 Facilities Support Services Management
- MIN424 Seminars in Services Marketing

plus other units offered by the Faculty of Business, with the permission of the MBA Director.

□ **Strategic Management**

- GSN200 Business Strategies (required)
- GSN207 Organisational Analysis & Consulting
- GSN405 Strategic Management (core)
- GSN411 Economics of Strategy 1 (core)
- GSN416 Business Plans 1 (core)
- GSN421 Economics of Strategy 2
- GSN426 Business Plans 2
- MGN421 Strategic HRM
- MIN425 Seminars in Strategic Marketing

plus other units offered by the Faculty of Business, with the permission of the MBA Director.

Other Concentration areas

- Construction Management
- Facilities Management
- Health Services Management
- Operations Management
- Project Management

These concentration areas are likely to be offered in 2001 or beyond, depending on student demand.

■ **Master of Business Administration/Master of Applied Finance (BS91)**

Location: Gardens Point campus

Course Duration: 5 semesters full-time, 10 semesters part-time. The course must be completed within a maximum time period of seven years.

Total Credit Points: 240

Standard Credit Points/Full-time Semester: 48

Course Coordinators:

Brisbane Graduate School of Business (BGSB):

Dr Jeremy Williams

School of Economics and Finance: Dr Jennifer Radbourne

Major Coordinator:

School of Economics and Finance: Mr Mark Christensen

Full-time Course Structure

The structure of the MBA/MAppFin program is demonstrated in the following 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.

First Semester, First Half[®]

- GSN401 Managing in the Global Business Environment
- GSN407 Professional Communication 1
- GSN408 Marketing Management 1
- GSN410 Entrepreneurship 1

First Semester, Second Half[®]

- GSN404 Financial Statements Analysis 1
- GSN402 Strategic Use of IT
- GSN403 Understanding Data
- GSN409 Organisational Behaviour I

Second Semester, First Half

- GSN411 Economics of Strategy 1 **
- GSN405 Strategic Management
- GSN415 Leadership 1
- EFN406 Managerial Finance **

Second Semester, Second Half

- GSN414 Business Conditions Analysis 1 **
- GSN406 Human Resource Management Issues
- GSN416 Business Plans 1
Continuation of EFN406 **

Third Semester, First Half

- EFN412 Advanced Managerial Finance
- GSN424 Business Condition Analysis 2
MBA Elective unit +
MBA Elective unit +

Third Semester, Second Half

- Continuation of EFN412
- MBA Elective unit +
- MBA Elective unit +
- MBA Elective unit +

Fourth Semester, Both Halves

EFN413	Securities Law **
EFN414	International Finance
EFN415	Security Analysis
EFN507	Advanced Capital Budgeting

Fifth Semester, Both Halves

BSN404	Project 1
EFN505	Financial Risk Management
	EFN elective unit %
	EFN elective unit %

@ Note: International students will be required to undertake MIN435 Business in Australia (12 credit points) in their first semester of study and should defer two core MBA units (usually GSN410 and GSN409) to a later semester. This takes the place of 12 cp of MBA elective units.

** Note: Students who have previously undertaken any of the following units should seek the advice of BGSB Student Services or School of Economics and Finance administration: GSN412 Business Law 1, GSN413 Financial Management 1, GSN423 Financial Management 2, EFN405 Managerial Economics and MGN409 Introduction to Management.

+ Note: Students are required to undertake 30 cp elective units in one or more MBA concentration and/or minor areas other than in Finance. A full listing is available from BGSB Students Services.

% Note: Students are required to undertake 24 cp of EFN elective units subject to approval by the School of Economics and Finance.

With completion of the appropriate units, students may exit with MBA/Graduate Diploma in Applied Finance (192 cp), which, if planned in advance, may be completed in 4 semesters full-time or 8 semesters part-time. Students should seek the advice of the School of Economics and Finance.

■ Graduate Diploma in Advanced Accounting (BS70)

Location: Gardens Point campus

Course Duration: 2 semesters full-time, 4 semesters part-time.

Total Credit Points: 96

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr Jennifer Radbourne

Major Coordinator: Associate Professor Peter Best

Entry Requirements

Applicants should hold a degree from a recognised tertiary institution, with an appropriate major in Accounting.

This course provides advanced level studies in Accountancy, Banking and Finance, Business and Taxation Law, and Electronic Business. It 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 the course, students may claim exemptions from specified units completed at QUT or other tertiary institutions. Students enrolled in postgraduate programs are eligible for exemptions up to a limit of half of the scheduled units. Exemptions may be granted for Professional Year studies completed with the Institute of Chartered Accountants in Australia and CPA studies completed with CPA Australia.

Course Requirements

Students must complete eight units (96 credit points total). A minimum of six units must be selected from Lists 1, 2, 3 and 4. Up to two postgraduate units (24 credit points) offered within QUT or elsewhere may be selected as electives, subject to the approval of the course coordinator.

Postgraduate units will be offered each year, subject to staff availability and sufficient student demand. Only units to be offered will be timetabled each semester.

Units completed in the Graduate Diploma may be counted towards the Master of Commerce (BS94), subject to approval by the course coordinator. Students who have aspirations to proceed to the Masters are advised to refer to the Masters course rules before selecting units in the Graduate Diploma.

List 1: Accountancy

AYN404	Advanced Company Accounting
AYN413	Computer Auditing
AYN415	External Reporting Issues
AYN419	Financial Modelling
AYN420	Financial Reporting
AYN424	International Accounting
AYN430	Managerial Accounting Issues A
AYN432	Public Sector Accounting Issues
AYN433	Special Topic in Accounting A
AYN434	Special Topic in Accounting B
AYN441	Advanced Auditing
AYN442	Superannuation
AYN505	Accounting Honours – A
AYN506	Accounting Honours – B

List 2: Banking and Finance

EFN401	Advanced Financial Institutions Management
EFN410	Economic & Financial Modelling

EFN416	Treasury & Portfolio Management
EFN500	Contemporary Macroeconomic Theories
EFN501	Corporate & Commercial Lending
EFN502	Developments in Microeconomic Theories
EFN504	Finance Honours
EFN505	Financial Risk Management
EFN506	Advanced International Finance
EFN507	Advanced Capital Budgeting

List 3: Business and Taxation Law

AYN405	Advanced Tax Planning
AYN406	Capital Gains Tax
AYN425	International Taxation
AYN426	Legal Environment of Business
AYN427	Liquidations & Receivership
AYN435	Taxation 1A (PY)
AYN436	Taxation 1B (PY)
AYN445	Goods & Services Tax
AYN507	Business Law Honours

List 4: Electronic Business

AYN413	Computer Auditing
AYN419	Financial Modelling
AYN446	Law of Electronic Commerce
AYN447	Issues in Electronic Commerce
AYN448	Management of Electronic Business Processes
AYN449	Enterprise Systems A
AYN450	Enterprise Systems B

Professional Year Higher Degree Program

If you are undertaking the Professional Year Higher Degree program, you are required to complete six specified units and two electives.

■ Graduate Diploma in Applied Finance (BS96)

Location: Gardens Point campus

Course Duration: 4 semesters part-time

Total Credit Points: 96

Standard Credit Points/Part-time Semester: 24

Course Coordinator: Dr Jennifer Radbourne

Major Coordinator: Mr Mark Christensen

Entry Requirements

Applicants should hold an undergraduate degree, except in Finance, from a recognised tertiary institution or equivalent.

Special Entry

A limited number of places will be available to applicants who have successfully completed either a Graduate Certificate in Business, with a major in Finance offered by the School of Economics and Finance; or the equivalent of post-graduate diploma studies in finance offered by a professional body.

Under special entry each applicant will be individually assessed. Applicants without a degree or formal qualifications but with extensive and/or

relevant work experience will be considered for special entry.

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 Australian 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 Australian Institute of Banking and Finance – AAIBF.

Course Requirements

Students must complete eight units (96 credit points total). The course can be undertaken, on a part-time basis, over four semesters.

Some applicants may require unit substitution where they have studied the equivalent of some introductory units in their undergraduate qualification. Choice of unit substitution will be undertaken in conjunction with and on the approval of the Director of Graduate Studies.

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
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The elective may be selected from any available postgraduate unit offered by the faculty, subject to approval.

Full-time Course Structure

Students undertaking this course on a full-time basis are advised to contact the School of Economics and Finance for enrolment advice.

Articulation with Masters Programs

Students who complete successfully the Graduate Diploma in Applied Finance can articulate into the Master of Applied Finance. Students who have completed the above course structure will need to undertake a further 48 credit points of specified study in order to gain a Master of Applied Finance.

■ Graduate Diploma in Business Administration (GS11)

Location: Gardens Point campus.

Course Duration: 2 semester full-time or 4 semesters part-time. The course must be completed within a maximum time period of four years.

Total Credit Points: 96

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr Jeremy Williams

Course Structure

A minimum of 12 units (72cp) from the MBA core and no more than 4 units (24cp) of electives.

Articulation

This course articulates with GS10 Master of Business Administration (MBA).

Electives

The Elective List for 2001 is available from the Brisbane Graduate School of Business on Level 1, B Block or at www.bgsb.qut.edu.au/concentrations.htm.

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	Professional Communication 1
GSN408	Marketing Management 1
GSN409	Organisational Behaviour 1
GSN410	Entrepreneurship 1
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

Minors

Students may complete one minor through careful choice of their electives. Candidates with a prior degree in a business area may be allowed to bypass some introductory core units and take additional electives instead, and thus complete additional minors or concentrations.

Minors (24 credit points) are available in the areas listed below.

□ *Accounting*

GSN404	Financial Statement Analysis (core)
GSN427	Financial Statement Analysis 2 (required)
GSN435	Electronic Commerce

AYN414	Cost Accounting
AYN417	Financial Accounting 2
AYN418	Financial Accounting 3
AYN424	International Accounting
AYN439	Management Accounting
AYN443	Electronic Commerce Cycles

plus other units offered by the Faculty of Business, with the permission of the MBA Director.

□ *Advertising*

GSN407	Professional Communication 1 (core)
GSN417	Professional Communication 2
CON417	Seminar in Advertising Management (required)
CON412	Contemporary Issues in Advertising
CON419	Strategies for Creative Advertising
CON421	Seminar in Integrated Marketing Communication

plus other units offered by the Faculty of Business, with the permission of the MBA Director.

□ *Business Communication*

GSN407	Professional Communication 1 (core)
GSN417	Professional Communication 2 (required)
CON401	Advanced Organisational Communication (required)
CON413	Issues in Intercultural Communication
CON408	Crisis Communication
CON420	Theories of Human Communication

plus other units offered by the Faculty of Business, with the permission of the MBA Director.

□ *Business English*

QCD110	Business English 1
QCD210	Business English 2

taken at Queensland University of Technology International College (for International Students only with permission of the Director MBA).

□ *Business Law*

GSN412	Business Law 1 (core)
GSN422	Business Law 2 (required)
AYN412	Company Law
AYN426	Legal Environment of Business
AYN438	Taxation Law & Practice
LWN117	Legal Regulation of the Internet

plus other units offered by the Faculty of Business, with the permission of the MBA Director.

□ *Diversity Management*

GSN406	Human Resource Management Issues (core)
GSN219	Understanding Diversity within the Organisation (required)
GSN220	Understanding Diversity: an International Perspective
GSN208	Personal Development & Ethics For Managers
GSN409	Organisational Behaviour 1

plus other units offered by the Faculty of Business, with the permission of the MBA Director.

□ **Electronic Commerce**

- GSN402 Strategic Use of Information Technology (core)
 GSN435 Electronic Commerce (required)
 GSN447 Strategic Internet Marketing 1
 GSN448 Strategic Internet Marketing 2
 GSN454 Economics of Information & E-commerce
 AYN443 Electronic Commerce Cycles
 CON426 Digital Business Strategy
 ITN251 Issues in Information Technology Management
 ITN341 Information Policy & Planning
 ITN355 Information Resources for Business & Industry
 LWN117 Legal Regulation of the Internet

plus other units offered by the Faculty of Business, with the permission of the MBA Director.

□ **Entrepreneurship**

- GSN410 Entrepreneurship 1 (core)
 GSN416 Business Plans 1 (core)
 GSN420 Entrepreneurship 2 (required)
 GSN426 Business Plans 2
 GSN429 New Venture Marketing
 GSN430 New Venture Funding
 GSN431 New Venture Growth & Transition
 GSN432 New Venture Leadership & HRM
 GSN433 Public Policy for New & Small Business
 GSN434 Venture Capital
 GSN435 Electronic Commerce
 MIN423 Seminars in Product Innovation & Development

plus other units offered by the Faculty of Business, with the permission of the MBA Director.

□ **Finance**

- GSN413 Financial Management 1 (core)
 GSN414 Business Conditions Analysis 1 (core)
 GSN423 Financial Management 2 (required)
 GSN424 Business Conditions Analysis 2
 GSN430 New Venture Funding
 GSN434 Venture Capital
 EFN412 Advanced Managerial Finance
 EFN414 International Finance
 EFN415 Security Analysis
 EFN417 Introduction to International Finance
 EFN506 Advanced International Finance

plus other units offered by the Faculty of Business, with the permission of the MBA Director.

□ **Human Resource Management**

- GSN406 Human Resource Management Issues (core)
 GSN409 Organisational Behaviour 1 (core)
 GSN419 Organisational Behaviour 2
 GSN219 Understanding Diversity within the Organisation
 GSN220 Understanding Diversity: an international perspective
 GSN432 New Venture Leadership & HRM
 GSN452 International Human Resource Management
 MGN421 Strategic Human Resource Management
 MGN422 Contemporary Issues & Practices in Employee Relations
 MGN427 Human Resource Management (required)

plus other units offered by the Faculty of Business, with the permission of the MBA Director.

□ **International Business**

- GSN401 Managing in the Global Business Environment (core)
 GSN428 International Study Tour
 GSN452 International Human Resource Management
 MIN403 Business in Asia
 MIN404 Business in Europe
 MIN405 Business in North America
 MIN421 Seminars in International Marketing
 MIN435 Business in Australia
 AYN424 International Accounting
 EFN414 International Finance

plus other units offered by the Faculty of Business, with the permission of the MBA Director.

□ **Information Technology Management**

- GSN402 Strategic Use of Information Technology (core)
 ITN220 Major Issues in Information Systems
 ITN251 Issues in Information Technology Management
 ITN252 Process Engineering
 ITN255 Knowledge Management & Enterprise Wide Systems
 ITN341 Information Policy & Planning
 ITN355 Information Resources for Business & Industry

□ **Language Studies**

24 credit points in a Foreign Language, with the permission of the MBA Director.

□ **Leadership**

- GSN407 Professional Communication 1 (core)
 GSN415 Leadership 1 (core)
 GSN425 Leadership 2 (required)
 GSN417 Professional Communication 2 (required)
 GSN432 New Venture Leadership & HRM
 GSN207 Organisational Analysis & Consulting
 GSN208 Personal Development & Ethics for Managers

plus other units offered by the Faculty of Business, with the permission of the MBA Director.

□ **Managerial Economics**

- GSN411 Economics of Strategy 1 (core)
 GSN414 Business Conditions Analysis 1 (core)
 GSN421 Economics of Strategy 2 (required)
 GSN424 Business Conditions Analysis 2
 GSN453 Economics of Health & Health Care
 GSN454 Economics of Information & E-Commerce
 EFN403 Economics & Public Policy
 EFN404 Environmental Economics & Policy
 EFN408 Special Topic – Economics, Banking and Finance A

plus other units offered by the Faculty of Business, with the permission of the MBA Director.

□ **Manufacturing Management**

- GSN405 Strategic Management (core)
 GSN436 Introduction to Facilities Management 1
 GSN437 Introduction to Facilities Management 2

- GSN438 Production & Operations Management 1 (required)
- GSN439 Production & Operations Management 2 (required)
- GSN440 Risk Management 1
- GSN441 Risk Management 2
- GSN442 Project Management 1
- GSN443 Project Management 2

plus other units offered by the Faculty of Business, with the permission of the MBA Director.

Marketing

- GSN408 Marketing Management 1 (core)
- GSN418 Marketing Management 2 (required)
- GSN429 New Venture Marketing
- GSN447 Strategic Internet Marketing 1
- GSN448 Strategic Internet Marketing 2
- GSN449 Public Sector & Social Marketing 1
- GSN450 Public Sector & Social Marketing 2
- CON421 Seminar in Integrated Marketing Communication
- MIN419 Seminars in Consumer Behaviour
- MIN421 Seminars in International Marketing
- MIN422 Seminars in Marketing Management
- MIN424 Seminars in Services Marketing
- MIN425 Seminars in Strategic Marketing

plus other units offered by the Faculty of Business, with the permission of the MBA Director.

Public Relations

- GSN407 Professional Communication 1 (core)
- GSN417 Professional Communication 2 (required)
- CON415 Public Relations Management (required)
- CON408 Crisis Communication
- CON409 Financial Communication
- CON421 Seminar in Integrated Marketing Communication
- CON423 Corporate Writing
- CON424 Public Relations Methods

plus other units offered by the Faculty of Business, with the permission of the MBA Director.

Services Management

- GSN405 Strategic Management (core)
- GSN442 Project Management 1
- GSN443 Project Management 2
- GSN436 Introduction to Facilities Management 1
- GSN437 Introduction to Facilities Management 2
- GSN440 Risk Management 1
- GSN441 Risk Management 2
- MIN424 Seminars in Services Marketing
- CNP100 Fundamentals of Facilities Management
- CNP101 Facilities Support Services Management

plus other units offered by the Faculty of Business, with the permission of the MBA Director.

Strategic Management

- GSN200 Business Strategies (required)
- GSN207 Organisational Analysis & Consulting
- GSN405 Strategic Management (core)
- GSN411 Economics of Strategy 1 (core)
- GSN416 Business Plans 1 (core)

- GSN421 Economics of Strategy 2
- GSN426 Business Plans 2
- MGN421 Strategic HRM
- MIN425 Seminars in Strategic Marketing

plus other units offered by the Faculty of Business, with the permission of the MBA Director.

Other Concentration areas

- Construction Management
- Facilities Management
- Health Services Management
- Operations Management
- Project Management

These concentration areas are likely to be offered in 2001 or beyond, depending on student demand.

■ **Graduate Diploma in Communication (BS72)**

In the fields of Advertising, Organisational Communication and Public Relations.

Location: Gardens Point campus

Course Duration: 2 semesters full-time, 4 semesters part-time

Total Credit Points: 96

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr Jennifer Radbourne

Major Coordinator: Associate Professor Jim Everett

Entry Requirements

A degree from a recognised tertiary institution or equivalent.

Special Entry

A limited number of places will be available to practitioners in the relevant profession who, while possessing no formal degree, can demonstrate and document significant experiential grasp of their 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.

Course Requirements

Students complete eight units (96 credit points), as per the programs of study described below for their major area of study (Advertising, Organisational Communication or Public Relations). It is recommended that elective units be selected from another major in the Graduate Diploma in Communication. Any deviation to this should be approved by the course coordinator.

Bachelor of Business (Communication) graduates enrolling in this course must select a major different from their undergraduate specialisation. These students also undertake CON406 Communication Strategies instead of CON420 Theories of Human Communication, and CON407 Communication Technology & Global Networks instead of CON404 Communication for Professionals. These students should seek approval for their course program from the course coordinator.

Articulation with Masters Programs

Students who enrol in the Graduate Diploma in Communication can articulate into either the Master of Business – Communication Studies (for those without an undergraduate degree in Communication) **OR** the Master of Business with a major in Communication (for those with a Communication undergraduate degree). Students who have completed the above course structure would need to undertake a further 48 credit points of specified units in order to gain a Master of Business.

ADVERTISING

Full-time Course Structure

Year 1, Semester 1

- CON404 Communication Practice for Professionals
- CON417 Seminar in Advertising Management
- CON420 Theories of Human Communication
Elective unit

Year 1, Semester 2

- CON412 Contemporary Issues in Advertising
- CON418 Seminar in Media Strategy
- CON419 Strategies for Creative Advertising
Elective unit

Part-time Course Structure

Year 1, Semester 1

- CON404 Communication Practice for Professionals
- CON420 Theories of Human Communication

Year 1, Semester 2

- CON418 Seminar in Media Strategy
- CON419 Strategies for Creative Advertising

Year 2, Semester 1

- CON417 Seminar in Advertising Management
Elective unit

Year 2, Semester 2

- CON412 Contemporary Issues in Advertising
Elective unit

ORGANISATIONAL COMMUNICATION

Full-time Course Structure

Year 1, Semester 1

- CON404 Communication Practice for Professionals
- CON410 Interpersonal Communication & Negotiation
- CON420 Theories of Human Communication
Elective unit

Year 1, Semester 2

- COB332 Issues in Publishing
- CON401 Advanced Organisational Communication
- CON413 Issues in Intercultural Communication
Elective unit

Part-time Course Structure

Year 1, Semester 1

- CON404 Communication Practice for Professionals
- CON420 Theories of Human Communication

Year 1, Semester 2

- CON401 Advanced Organisational Communication
- CON413 Issues in Intercultural Communication

Year 2, Semester 1

- CON410 Interpersonal Communication & Negotiation
Elective unit

Year 2, Semester 2

- COB332 Issues in Publishing
Elective unit

PUBLIC RELATIONS

Full-time Course Structure

Year 1, Semester 1

- CON404 Communication Practice for Professionals
- CON415 Public Relations Management
- CON420 Theories of Human Communication
- CON424 Public Relations Methods

Year 1, Semester 2

- CON409 Financial Communication
- CON414 Public Communication
Elective unit
Elective unit

Part-time Course Structure

Year 1, Semester 1

- CON404 Communication Practice for Professionals
- CON415 Public Relations Management

Year 1, Semester 2

- CON414 Public Communication
Elective unit

Year 2, Semester 1

- CON420 Theories of Human Communication
- CON424 Public Relations Methods

Year 2, Semester 2

- CON409 Financial Communication
Elective unit

Students with a Bachelor of Business (Communication) should refer to the course requirements.

■ Graduate Certificate in Management (GS13)

Location: Gardens Point campus

Course Duration: 1 semester full-time or 2 semesters part-time

Total Credit Points: 48

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr Jeremy Williams

Entry Requirements

Eligibility for entry will be considered by the course coordinator where applicants possess:

- (i) prior degree plus two years' work experience; or
- (ii) no prior degree plus five years' appropriate business experience; or
- (iii) degree in a business related area with less than two years' work experience.

Articulation

This course articulates with the Graduate Diploma in Business Administration (GS11) and the Master of Business Administration (GS10).

Electives

The Elective List for 2001 is available from the Brisbane Graduate School of Business on Level 1, B Block.

Course Structure

Students must complete 48 credit points from the core or electives of the Master of Business Administration or any Business units, subject to the approval of the MBA Director.

The sixteen core units are:

- 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 Professional Communication 1
- GSN408 Marketing Management 1
- GSN409 Organisational Behaviour 1
- GSN410 Entrepreneurship 1
- 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 Business (BS39)

In the fields of Advertising, Arts Administration, Finance, Human Resource Management, International Business, Marketing, Organisational Communication, Public Management and Public Relations.

Location: Gardens Point campus

Course Duration: Normally 1 semester full-time or 2 semesters part-time, depending on the availability of units.

Total Credit Points: 48

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr Jennifer Radbourne

Entry Requirements

Applicants should have an appropriate undergraduate degree from a recognised tertiary institution. Applicants are advised to check the entry requirements defined under each specialisation below. Special entry without a degree but with professional and work experience may be available.

Articulation

With approval of the relevant course coordinator, students may articulate from the Graduate Certificate in Business to one of the following courses, depending on the specialisation undertaken. Students will have to meet the entry requirements and/or the prerequisites for further study.

- BS72 Graduate Diploma in Communication or BS88 Master of Business (Communication Studies) – for students completing the Graduate Certificate in Business specialising in Advertising, Organisational Communication or Public Relations.
- 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 (Marketing) – for students completing the Graduate Certificate in Business specialising in Marketing or Arts Administration.
- BS93 Master of Business (International Business) – for students completing the Graduate Certificate in Business specialising in International Business or Arts Administration.
- BS93 Master of Business (Human Resource Management) – for students completing the Graduate Certificate in Business (Human Resource Management).
- BS93 Master of Business (Public Management) for students completing the Graduate Certificate in Business (Public Management).

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

Course Requirements

Graduate Certificates consist of 48 credit points of units. Students take one of the following specialisations consisting of four units:

ADVERTISING

Major Coordinator: Associate Professor Jim Everett

Entry Requirements

An undergraduate degree in an area other than Communication. Available part-time only.

- CON404 Communication Practice for Professionals
 - CON417 Seminar in Advertising Management
 - CON412 Contemporary Issues in Advertising
 - CON418 Seminar in Media Strategy
- OR
- CON419 Strategies for Creative Advertising

ARTS ADMINISTRATION

Major Coordinator: Mr Gary Chittick

Entry Requirements

An undergraduate degree. Available part-time only.

- MIN400 Arts Administration & Society
 - MIN415 Marketing Arts & Culture
 - MIN430 The Arts Industry
- Approved elective

FINANCE

Professional Recognition

Graduates meet the educational requirements for Affiliate status of the Australian Institute of Banking and Finance – AIBF(Aff.).

Major Coordinator: Mr Mark Christensen

Entry Requirements

An undergraduate degree in an area other than Finance. Available part-time only.

- EFN405 Managerial Economics
- EFN406 Managerial Finance
- EFN414 International Finance
- EFN415 Security Analysis

HUMAN RESOURCE MANAGEMENT

Major Coordinator: Ms Leisa Sargent

Entry Requirements

An undergraduate degree with a major in Human Resource Management or approved equivalent study in organisational psychology or organisational behaviour. On entry to the course students will be required to meet with the major coordinator to ensure their study program reflects their prior human resource management experience and career expectations. Available full-time and part-time.

Four units from the following:

- BSN408 Business & the International Environment
 - MGN421 Strategic HRM
 - MGN422 Contemporary Issues & Practices in Employee Relations
 - MGN424 International Dimensions of HRM
 - MGN427 Human Resource Management
 - MGN505 Consulting & Change Management
 - MGN506 Contemporary Issues in HRM
- OR other units approved by the course coordinator

INTERNATIONAL BUSINESS

Major Coordinator: Mr Gary Chittick

Entry Requirements

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. Available full-time and part-time (semester two entry part-time only).

- BSN408 Business & the International Environment
- BSN401 Management, the Organisation & International Business

plus two units from:

- BSN400 Industry Analysis
- MGN424 International Dimensions of HRM
- MIN403 Business in Asia
- MIN404 Business in Europe
- MIN421 Seminars in International Marketing
- MIN435 Business in Australia

MARKETING

Major Coordinator: Mr Gary Chittick

Entry Requirements

An undergraduate degree with a major in Marketing or approved equivalent study in business, commerce, economics, or another of the social sciences. Available full-time and part-time (semester two entry part-time only).

- MIN419 Seminars in Consumer Behaviour
- MIN422 Seminars in Marketing Management

plus two units from:

- CON421 Seminars in Integrated Marketing Communication
- MIN413 Market & Business Research Methods
- MIN421 Seminars in International Marketing
- MIN423 Seminars in Product Innovation & Development
- MIN424 Seminars in Services Marketing
- MIN438 Marketing for On-line Services

ORGANISATIONAL COMMUNICATION

Major Coordinator: Associate Professor Jim Everett

Entry Requirements

An undergraduate degree in an area other than Communication. Available part-time only.

- CON404 Communication Practice for Professionals
- CON410 Interpersonal Communication & Negotiation
- CON401 Advanced Organisational Communication
- CON423 Corporate Writing

PUBLIC MANAGEMENT

Major Coordinator: Professor Roger Scott

Entry Requirements

An undergraduate degree. Available full-time and part-time.

- 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 & Evaluation
MGN524 Special Topic in Management 1
OR other units approved by the course coordinator

PUBLIC RELATIONS

Major Coordinator: Associate Professor Jim Everett

Entry Requirements

An undergraduate degree in an area other than Communication. Available part-time only.

- CON404 Communication Practice for Professionals
CON415 Public Relations Management
CON409 Financial Communication
OR
CON414 Public Communication
CON423 Corporate Writing
OR
CON424 Public Relations Methods

■ **Graduate Certificate in Business Administration (GS12)**

Location: Gardens Point campus.

Course Duration: 1 semester full-time or 2 semesters part-time. The course must be completed within a maximum time period of two years.

Total Credit Points: 48

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr Jeremy Williams

Entry Requirements

Eligibility will be considered by the course coordinator where applicants possess:

- (i) prior degree plus two years' work experience; or
- (ii) no prior degree plus five years' appropriate business experience; or
- (iii) degree in a business related area with less than two years' work experience.

Course Structure

Consists of eight core units of 6 credit points each.

Articulation

This course articulates with GS11 Graduate Diploma of Business Administration (GDBA) and GS10 Master of Business Administration (MBA).

Course Structure

Select eight (8) units from the following:

- 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 Professional Communication 1
GSN408 Marketing Management 1
GSN409 Organisational Behaviour 1
GSN410 Entrepreneurship 1
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)**

In the fields of Accountancy, Banking and Finance, Communication, Economics, Human Resource Management, International Business, Management and Marketing.

Location: Gardens Point campus

Course Duration: 2 semesters full-time, 4 semesters part-time

Total Credit Points: 96

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Associate Professor Neal Ryan

Entry Requirements

Applicants for admission to candidature for a Bachelor of Business (Honours) shall:

- (i) hold a Bachelor of Business from QUT which includes a major in the area of intended Honours level study and shall have achieved a grade point average (GPA) of 5 or better on a 7-point scale in the three years of undergraduate study; or a qualification deemed equivalent; or
- (ii) have other qualifications and experience which is considered by the Dean of Faculty to qualify for admission.

Applications for admission to honours will normally be at the end of the final year of the pass degree, or within 18 months of completing the pass degree.

Course Requirements

Students must complete four units (48 credit points) and a dissertation (48 credit points), as per the programs of study described below for the area of honours study.

The level of honours awarded will be calculated on the basis of a weighted average of the percentage marks awarded for the coursework units and dissertation.

PROGRAM FOR ACCOUNTANCY, ECONOMICS AND BANKING & FINANCE

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

(i) Compulsory unit – all students

BSN500 Research Methods

(ii) Two units from the area of Honours study: Accountancy

Two of the following units:

AYN505 Accounting Honours – A

AYN506 Accounting Honours – B

AYN507 Business Law Honours

OR

Economics (Compulsory)

EFN500 Contemporary Macroeconomic Theories

EFN502 Developments in Microeconomic Theories

OR

Banking and Finance (Compulsory)

EFN504 Finance Honours

EFN505 Financial Risk Management

(iii) Electives

The elective unit may be taken from any level 4 or 5 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 course coordinator or Head of School.

(iv) Compulsory dissertation – all students

BSN501 Dissertation

PROGRAM FOR COMMUNICATION

Students must complete three prescribed units (36 credit points), one elective unit (12 credit points) and a dissertation (48 credit points). Research can be undertaken in the fields of Advertising, Organisational Communication, and Public Relations.

(i) Compulsory units

CON406 Communication Strategies

CON500 Qualitative Research Enquiry

BSN502 Research Methodology

(ii) Compulsory dissertation

BSN501 Dissertation

(iii) School elective

To be taken from any 12 credit point postgraduate unit offered by the School of Communication.

PROGRAM FOR HUMAN RESOURCE MANAGEMENT, INTERNATIONAL BUSINESS, MANAGEMENT & MARKETING

Under the umbrella of Management and Human Resource Management, students may be able to undertake a dissertation in Employee Relations or Public Management. Details are available from the course coordinator or the School of Management.

Under the umbrella of Marketing and International Business, students may be able to take specialised studies in Arts Administration, Fundraising, Industry Economics or Tourism. Details are available from the course coordinator or the School of Marketing and International Business.

(i) Compulsory units – all students

BSN502 Research Methodology

BSN503 Research Seminars

(ii) Two units from the area of Honours study: Human Resource Management (Compulsory)

MGN506 Contemporary Issues in HRM

MGN508 HRM Cases

OR

International Business

Two of the following units:

BSN400 Industry Analysis

BSN401 Management, the Organisation & International Business

EFN417 An Introduction to International Finance

MGN423 Contemporary Strategic Analysis

MGN424 International Dimensions of HRM

MIN403 Business in Asia

MIN404 Business in Europe

MIN421 Seminars on International Marketing

MIN426 Special Topic – International Business

OR

Management (Compulsory)

MGN501 Readings in Management

MGN507 Contemporary Issues in Management

OR

Marketing

Two of the following units:

MIN407 Contemporary Issues in Marketing

MIN414 Marketing Decision Systems

MIN419 Seminars in Consumer Behaviour

MIN421 Seminars in International Marketing

MIN422 Seminars in Marketing Management

MIN423 Seminars in Product Innovation & Development

MIN424 Seminars in Services Marketing

MIN429 Strategic Marketing Management

MIN438 Marketing for On-line Services

(iii) Compulsory dissertation – all students

BSN501 Dissertation

■ Bachelor of Business (BS56)

With majors in Accountancy, Banking and Finance, Communication, Economics, Human Resource Management, International Business, Management, and Marketing.

Location: Gardens Point campus (all majors). Carseldine campus (Communication, Management and Human Resource Management majors only).

Course Duration: 3 years full-time, 6 years part-time

Total Credit Points: 288

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Mr Andrew Paltridge

Major Coordinators:

Accountancy: Dr John Sweeting

Banking and Finance: Mr John Polichronis

Communication: Ms Robina Xavier (Acting)

Economics: Mr Eugene McCann

Human Resource Management: Dr John Martin

International Business: Mr Michael Cox

Management: Dr Dianne Lewis

Marketing: Ms Cathy Neal

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 Faculty. Similarly, part-time students may only select units from those listed for years 1 and 2 in the first two years of study. Students must take faculty core units at first attempt, in the semester outlined in the structure of their chosen major.

A student must enrol for more than one unit in any semester, unless they have the approval of the Dean of Faculty.

Copies of Faculty Rules and Procedures are available from the Faculty of Business enquiries counter at Gardens Point in Z407, phone (07) 3864 2050, or Carseldine in C201, phone (07) 3864 4604.

Course Requirements

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

- eight faculty core units (refer to A below)
- the relevant block of six major core units (refer to B below)
- one of the following:
 - double Major (six units); or
 - extended Major (six units); or
 - specialisation (six units).
- plus four electives or a minor of four units.

(A) FACULTY CORE UNITS

BSB110	Accounting
BSB111	Business Law & Ethics
BSB112	Introduction to Electronic Commerce
BSB113	Economics
BSB114	Government, Business & Society
BSB115	Management, People & Organisations
BSB116	Marketing & International Business
BSB117	Professional Communication & Negotiation

Students must take faculty core units at first attempt, in the semester outlined in the structure of their chosen major.

(B) MAJOR CORE UNITS

Accountancy

AYB120	Business Law
AYB121	Financial Accounting
AYB220	Company Accounting
AYB225	Management Accounting 1
AYB301	Auditing
EFB101	Data Analysis for Business

Banking and Finance

EFB101	Data Analysis for Business
EFB102	Economics 2
EFB201	Financial Markets
EFB210	Finance 1
EFB307	Finance 2
EFB312	International Finance & Economics

Communication

COB216	Theoretical Perspectives on Communication
COB221	Communication Technology
COB222	Introduction to Communication Practice
COB308	Advertising Theory & Practice
COB325	Public Relations Theory & Practice
COB334	Communication Research Methods

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

Human Resource Management

MGB207	Managing Human Resources
MGB211	Organisational Behaviour
MGB220	Methods & Analysis
MGB221	Work & Performance
MGB320	Recruitment & Selection 1
MGB331	Training & Development 1

International Business

BSB300	Management, the Firm & International Business
MIB202	Business & the World Economy
MIB210	Export Management
MIB211	Globalisation & Business

and any one of the following pairs of area study units:

MIB200	Asian Business Development AND
MIB317	Contemporary Business in Asia
OR	

- MIB208 European Business Development AND
 MIB300 Contemporary Business in Europe

Management

- MGB207 Managing Human Resources
 MGB210 Operations, Production & Service Management
 MGB211 Organisational Behaviour
 MGB220 Methods & Analysis
 MGB303 Entrepreneurship
 MGB309 Strategic Management

Marketing

- EFB101 Data Analysis for Business
 MIB204 Consumer Behaviour
 MIB213 International Marketing
 MIB217 Marketing Management
 MIB305 Market Research
 MIB315 Strategic Marketing

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.

Specialisation: a coherent group of six specified units in a discipline area. Specialisations for business students may be chosen from a number of areas (refer to C below). Six units must be completed for a specialisation. An alternative specialisation option unit must be substituted when a unit is common in 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.

Minor: a coherent group of four specified units in a discipline area. A list of approved minors is available from the Faculty of Business enquiries counter.

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.

(C) SPECIALISATIONS FOR BUSINESS MAJORS

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. Enquiries should be directed to the Faculty of Business enquiries counter.

Accounting

(Business students without an Accountancy major)

- AYB121 Financial Accounting
 AYB220 Company Accounting
 AYB221 Computerised Accounting Systems
 AYB225 Management Accounting 1

plus two of the following:

- AYB311 Financial Accounting Theory
 AYB313 Government Accounting
 AYB321 Management Accounting Theory

Advertising

(Business students without a Communication major)

- COB216 Theoretical Perspectives on Communication
 COB222 Introduction to Communication Practice
 COB304 Advertising Copywriting
 COB306 Advertising Management
 COB308 Advertising Theory & Practice
 COB317 Media Planning

Banking and Finance

(Business students without a Banking and Finance major)

- EFB210 Finance 1
 EFB307 Finance 2

plus four of the following:

- AYB312 Financial Institutions Law
 EFB201 Financial Markets
 EFB308 Finance 3
 EFB309 Financial Derivatives
 EFB310 Financial Institutions – Control
 EFB311 Financial Institutions – Lending
 EFB312 International Finance & Economics
 EFB318 Portfolio & Security Analysis

Students should consult with the Banking & Finance Major coordinator before selecting four units from the above list.

Business Law

(Business students without an Accountancy major)

- AYB120 Business Law
 AYB223 Law of Business Associations
 AYB325 Taxation Law

plus three of the following:

- AYB122 Goods & Services Tax
 AYB303 Commercial & Securities Law
 AYB305 Company Law & Practice
 AYB312 Financial Institutions Law
 AYB317 International Business Law
 AYB328 Taxation Law 2

Electronic Commerce

- AYB332 The Law of E-Commerce
 AYB333 Applications in Electronic Commerce
 ITB823 Web Sites for Electronic Commerce
 ITB850 Network & Security Technologies for Electronic Commerce

plus two of the following:

- AYB221 Computerised Accounting Systems
 COB218 Internet Communication

EFB219	Electronic Finance
MGB216	Technology Management
MIB223	Technology & International Business
MIB224	Technology & Marketing

Note: EFB219 Electronic Finance will not be offered in 2001. However, EFB206 Corporate Finance may be undertaken as a substitute in semester 1.

Financial Economics

(Business students without an Economics major)

EFB102	Economics 2
EFB202	Business Cycles & Economic Growth
EFB211	Firms, Markets & Resources
EFB323	Financial & Monetary Economics

plus two of the following:

EFB210	Finance 1
EFB314	International Trade & Economic Competitiveness
EFB324	Macroeconomics of Global Financial Markets
EFB325	Financial Microeconomics
EFB326	Applied Portfolio Management
EFB328	Public Economics & Finance

International Business Analysis

(Business students without an International Business major)

MIB211	Globalisation & Business
MIB212	Industry & Regional Analysis
MIB314	Strategic Business Analysis

plus three of the following units provided at least one of the units is a level 3 unit (ie MIB3xx):

MIB101	Business in Australia
MIB200	Asian Business Development
MIB205	Cross Cultural Communication & Negotiation
MIB208	European Business Development
MIB210	Export Management
MIB213	International Marketing
MIB217	Marketing Management
MIB218	Marketing Sport & Recreation (even numbered years)
MIB221	Retail Industry (even numbered years)
MIB222	Sport & Recreation Industries (odd numbered years)
MIB223	Technology & International Business (odd numbered years)
MIB224	Technology & Marketing (odd numbered years)
MIB225	Tourism
MIB227	Product Innovation & Market Development
MIB229	Retail Marketing (even numbered years)
MIB300	Contemporary Business in Europe
MIB311	Services Marketing
MIB312	Special Topic in International Business
MIB317	Contemporary Business in Asia
MIB318	Management of Sport & Recreation (odd numbered years)
MIB319	Events Marketing
MIB321	Tourism Marketing

Language

(Business students without an International Business major)

Students may study either French, German, Indonesian or Japanese, or seek approval to undertake a different language at another tertiary institution. Students undertaking a language specialisation must complete a minimum of four language units, plus either: two additional language units; or MIB205 Cross Cultural Communication & Negotiation, and one other International Business elective. Refer to the International Business major for details on units and codes.

Language

(Business students with an International Business major)

Students undertaking a language specialisation must complete a minimum of four language units plus EFB101 Data Analysis for Business or MGB220 Methods and Analysis and either MIB205 Cross Cultural Communication and Negotiation or an additional language unit. Refer to the International Business major for details on units and codes.

Marketing

(Business students without a Marketing major)

MIB204	Consumer Behaviour
MIB217	Marketing Management
MIB315	Strategic Marketing

plus three of the following, including one unit at level 3 (MIB3xx):

MIB210	Export Management
MIB215	Marketing Logistics
MIB218	Marketing Sport & Recreation
MIB220	Business to Business Marketing
MIB224	Technology & Marketing
MIB227	Product Innovation & Market Development
MIB228	Promotional Strategy
MIB229	Retail Marketing
MIB230	Sales Management
MIB303	International Logistics
MIB308	Professional Marketing Practice
MIB311	Services Marketing
MIB319	Events Marketing
MIB320	Marketing Decision Making
MIB321	Tourism Marketing

Marketing, Law and Finance

(Business students without a Marketing major)

AYB120	Business Law
EFB210	Finance 1
MIB217	Marketing Management
MIB311	Services Marketing

plus any two of the following Marketing extended major units.

The following units are offered every year:

MIB210	Export Management
MIB227	Product Innovation & Market Development
MIB308	Professional Marketing Practice

- MIB319 Events Marketing
- MIB321 Tourism Marketing

The following units are offered in even numbered years:

- MIB218 Marketing Sport & Recreation
- MIB228 Promotional Strategy
- MIB229 Retail Marketing
- MIB320 Marketing Decision Making

The following units are offered in odd numbered years:

- MIB215 Marketing Logistics
- MIB220 Business to Business Marketing
- MIB224 Technology & Marketing
- MIB230 Sales Management
- MIB303 International Logistics (not offered 2001)

Public Relations

(Business students without a Communication major)

- COB216 Theoretical Perspectives on Communication
- COB222 Introduction to Communication Practice
- COB325 Public Relations Theory & Practice
- COB326 Public Relations Writing
- COB329 Publicity Methods

Plus one of the following:

- COB323 Public Relations Campaigns*
- COB336 Public Relations Management

* with area coordinator approval.

Small Business and Enterprise Development

(Business students without Human Resource Management major)

- EFB206 Corporate Finance
- MGB218 Venture Skills
- MGB303 Entrepreneurship
- MGB323 Small Business Management
- MGB333 Small Business Concepts & Cases
- MIB307 Product Innovation & Market Development

Students enrolling in this specialisation must complete MGB210 Operations, Production & Service Management as an elective.

Small Business and Enterprise Development

(Business students with a Management major)

- EFB206 Corporate Finance
- MGB216 Technology Management
- MGB218 Venture Skills
- MGB307 Product Innovation & Market Development
- MGB323 Small Business Management
- MGB333 Small Business Concepts & Cases

Small Business and Enterprise Development

(Business students without a Human Resource Management or Management major)

- EFB206 Corporate Finance
- MGB207 Managing Human Resources
- MGB211 Organisational Behaviour
- MGB303 Entrepreneurship
- MGB323 Small Business Management
- MGB333 Small Business Concepts & Cases

Students enrolling in this specialisation must complete MGB210 Operations, Production & Service Management as an elective.

□ Accountancy Major

Professional Recognition

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 of CPA Australia and the Professional Year (PY) examinations of the Institute of Chartered Accountants in Australia. Students with advanced standing may need to take additional units in order to meet the academic requirements for professional membership.

Students completing the Business Computing extended major satisfy the requirements for Associate membership of CPA Australia and partially meet the academic requirements for Associate membership of the Australian Computer Society. To be eligible for enrolment in the CPA and PY examinations, such students must complete two additional units – AYB223 Law of Business Associations and AYB325 Taxation Law.

These programs are also accredited with the Institute of Chartered Secretaries and Administrators, and the Chartered Institute of Company Secretaries in Australia.

Honours Year (Optional)

Refer to the course outline of BS63 for details.

ACCOUNTANCY MAJOR

(For students not seeking professional recognition)

Full-time Course Structure

Year 1, Semester 1

- BSB110 Accounting
- BSB113 Economics
- BSB114 Government, Business & Society
- BSB116 Marketing & International Business

Year 1, Semester 2

- AYB120 Business Law
- AYB121 Financial Accounting
- BSB112 Introduction to Electronic Commerce
Double major/specialisation unit

Year 2, Semester 1

- AYB220 Company Accounting
- AYB225 Management Accounting 1
- BSB111 Business Law & Ethics
- EFB101 Data Analysis for Business

Year 2, Semester 2

- BSB115 Management, People & Organisations
BSB117 Professional Communication & Negotiation
Double major/specialisation unit
Double major/specialisation unit

Year 3, Semester 1

- AYB301 Auditing
Double major/specialisation unit
Double major/specialisation unit
Elective unit

Year 3, Semester 2

- Double major/specialisation unit
Elective unit
Elective unit
Elective unit

Part-time Course Structure

Year 1, Semester 1

- BSB110 Accounting
BSB113 Economics

Year 1, Semester 2

- AYB121 Financial Accounting
Double major/specialisation unit

Year 2, Semester 1

- BSB114 Government, Business & Society
BSB116 Marketing & International Business

Year 2, Semester 2

- AYB120 Business Law
BSB112 Introduction to Electronic Commerce

Year 3, Semester 1

- BSB111 Business Law & Ethics
EFB101 Data Analysis for Business

Year 3, Semester 2

- BSB115 Management, People & Organisations
Double major/specialisation unit

Year 4, Semester 1

- AYB220 Company Accounting
AYB225 Management Accounting 1

Year 4, Semester 2

- BSB117 Professional Communication & Negotiation
Double major/specialisation unit

Year 5, Semester 1

- AYB301 Auditing
Double major/specialisation unit

Year 5, Semester 2

- Double Major/Specialisation unit
Elective unit

Year 6, Semester 1

- Double major/specialisation unit
Elective unit

Year 6, Semester 2

- Elective unit
Elective unit

EXTENDED MAJOR IN PROFESSIONAL ACCOUNTING

(For students seeking professional recognition)

Full-time Course Structure

Year 1, Semester 1

- BSB110 Accounting
BSB113 Economics
BSB114 Government, Business & Society
BSB116 Marketing & International Business

Year 1, Semester 2

- AYB120 Business Law
AYB121 Financial Accounting
BSB112 Introduction to Electronic Commerce
EFB102 Economics 2

Year 2, Semester 1

- AYB220 Company Accounting
AYB221 Computerised Accounting Systems
BSB111 Business Law & Ethics
EFB101 Data Analysis for Business

Year 2, Semester 2

- AYB223 Law of Business Associations
AYB225 Management Accounting 1
BSB115 Management, People & Organisations
BSB117 Professional Communication & Negotiation

Year 3, Semester 1

- AYB301 Auditing
AYB325 Taxation Law
EFB210 Finance 1
Elective unit

Year 3, Semester 2

- AYB311 Financial Accounting Theory#
OR
AYB321 Management Accounting Theory#
Elective unit
Elective unit
Elective unit

Part-time Course Structure

Year 1, Semester 1

- BSB110 Accounting
BSB113 Economics

Year 1, Semester 2

- AYB121 Financial Accounting
EFB102 Economics 2

Year 2, Semester 1

- BSB114 Government, Business & Society
BSB116 Marketing & International Business

Year 2, Semester 2

- AYB120 Business Law
BSB112 Introduction to Electronic Commerce

Year 3, Semester 1

- BSB111 Business Law & Ethics
EFB101 Data Analysis for Business

Year 3, Semester 2

- AYB223 Law of Business Associations
BSB115 Management, People & Organisations

Year 4, Semester 1

AYB220 Company Accounting
 AYB221 Computerised Accounting Systems

Year 4, Semester 2

AYB225 Management Accounting 1
 BSB117 Professional Communication & Negotiation

Year 5, Semester 1

AYB301 Auditing
 AYB325 Taxation Law

Year 5, Semester 2

AYB311 Financial Accounting Theory[#] OR
 AYB321 Management Accounting Theory[#]
 Elective unit

Year 6, Semester 1

EFB210 Finance 1
 Elective unit

Year 6, Semester 2

Elective unit
 Elective unit

[#] Students may take the unit not selected as part of their extended major program as an elective unit.

EXTENDED MAJOR IN BUSINESS LAW AND TAX**Full-time Course Structure****Year 1, Semester 1**

BSB110 Accounting
 BSB113 Economics
 BSB114 Government, Business & Society
 BSB116 Marketing & International Business

Year 1, Semester 2

AYB120 Business Law
 AYB121 Financial Accounting
 BSB112 Introduction to Electronic Commerce
 EFB102 Economics 2

Year 2, Semester 1

AYB220 Company Accounting
 AYB223 Law of Business Associations
 BSB111 Business Law & Ethics
 EFB101 Data Analysis for Business

Year 2, Semester 2

AYB225 Management Accounting 1
 AYB325 Taxation Law
 BSB115 Management, People & Organisations
 BSB117 Professional Communication & Negotiation

Year 3, Semester 1

AYB301 Auditing
 EFB210 Finance 1
 Extended major unit
 Extended major unit

Year 3, Semester 2

AYB221 Computerised Accounting Systems
 AYB311 Financial Accounting Theory
 OR
 AYB321 Management Accounting Theory
 Extended major unit
 Extended major unit

Part-time Course Structure**Year 1, Semester 1**

BSB110 Accounting
 BSB113 Economics

Year 1, Semester 2

AYB121 Financial Accounting
 EFB102 Economics 2

Year 2, Semester 1

BSB114 Government, Business & Society
 BSB116 Marketing & International Business

Year 2, Semester 2

AYB120 Business Law
 BSB112 Introduction to Electronic Commerce

Year 3, Semester 1

AYB223 Law of Business Associations
 BSB111 Business Law & Ethics

Year 3, Semester 2

AYB325 Taxation Law
 BSB115 Management, People & Organisations

Year 4, Semester 1

AYB220 Company Accounting
 EFB101 Data Analysis for Business

Year 4, Semester 2

AYB225 Management Accounting 1
 BSB117 Professional Communication & Negotiation

Year 5, Semester 1

AYB301 Auditing
 Extended major unit

Year 5, Semester 2

AYB311 Financial Accounting Theory OR
 AYB321 Management Accounting Theory
 Extended major unit

Year 6, Semester 1

EFB210 Finance 1
 Extended major unit

Year 6, Semester 2

AYB221 Computerised Accounting Systems
 Extended major unit

Extended Major Units

AYB122 Goods & Services Tax
 AYB303 Commercial & Securities Law
 AYB305 Company Law & Practice
 AYB312 Financial Institutions Law
 AYB316 Insolvency Law & Practice
 AYB317 International Business Law
 AYB323 Tax Planning
 AYB328 Taxation Law 2

EXTENDED MAJOR IN BUSINESS COMPUTING**Full-time Course Structure****Year 1, Semester 1**

BSB110 Accounting
 BSB113 Economics
 BSB114 Government, Business & Society
 BSB116 Marketing & International Business

Year 1, Semester 2

AYB121 Financial Accounting
BSB112 Introduction to Electronic Commerce
EFB102 Economics 2
ITB410 Software Development 1

Year 2, Semester 1

AYB220 Company Accounting
AYB221 Computerised Accounting Systems
BSB111 Business Law & Ethics
EFB101 Data Analysis for Business

Year 2, Semester 2

AYB225 Management Accounting 1
BSB115 Management, People & Organisations
BSB117 Professional Communication & Negotiation
ITB222 Systems Analysis & Design 1

Year 3, Semester 1

AYB301 Auditing
EFB210 Finance 1
ITB221 Laboratory 3 (Commercial Programming)*
ITB510 Communications Networks

Year 3, Semester 2

AYB120 Business Law
AYB309 Computer Security & Audit
AYB311 Financial Accounting Theory OR
AYB321 Management Accounting Theory
ITB242 Decision Support Systems

Part-time Course Structure

Year 1, Semester 1

BSB110 Accounting
BSB113 Economics

Year 1, Semester 2

AYB121 Financial Accounting
EFB102 Economics 2

Year 2, Semester 1

BSB112 Introduction to Electronic Commerce
BSB114 Government, Business & Society

Year 2, Semester 2

BSB116 Marketing & International Business
ITB410 Software Development 1

Year 3, Semester 1

BSB111 Business Law & Ethics
EFB101 Data Analysis for Business

Year 3, Semester 2

BSB115 Management, People & Organisations
ITB222 Systems Analysis & Design 1

Year 4, Semester 1

AYB220 Company Accounting
AYB221 Computerised Accounting Systems

Year 4, Semester 2

AYB225 Management Accounting 1
BSB117 Professional Communication & Negotiation

Year 5, Semester 1

AYB301 Auditing
ITB221 Laboratory 3 (Commercial Programming)*

Year 5, Semester 2

AYB309 Computer Security & Audit
AYB311 Financial Accounting Theory OR
AYB321 Management Accounting Theory

Year 6, Semester 1

EFB210 Finance 1
ITB510 Communications Networks

Year 6, Semester 2

AYB120 Business Law
ITB242 Decision Support Systems

* Students may substitute ITB225 Introduction to Databases for ITB221 Laboratory 3 (Commercial Programming).

□ Banking and Finance Major

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 enquiries counters. Enrolment advice is available from the School of Economics and Finance (Level 8, Z Block, Gardens Point).

Professional Recognition

The extended major in Banking and the extended major in Funds Management are recognised as satisfying the academic requirements for Senior Associate Membership of the Australian Institute of Banking and Finance. 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 the Chartered Secretaries Australia Ltd.

Students completing the Bachelor of Business (Banking and Finance) with a double major in Accountancy as well as AYB223 Law of Business Associations, AYB325 Taxation Law and AYB311 Financial Accounting Theory or AYB321 Management Accounting Theory and either EFB310 Financial Institutions – Control and EFB311 Financial Institutions – Lending OR EFB308 Finance 3 and EFB318 Portfolio & Security Analysis, are recognised as satisfying the academic requirements for Associate Membership of the CPA Australia as well as Senior Associate Membership of the Australian Institute of Banking and Finance. We have designed these courses to maximise students' ability to meet CPA Australia professional requirements, however students may be required to undertake further units as part of their CPA program.

Students completing the Bachelor of Business (Banking and 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 AYB120 Business Law and AYB312 Financial Institutions Law as elective units) can expect to gain admission to Senior Associate Membership of the Australian Institute of Banking and Finance as well as professional membership of the Economic Society of Australia (Qld).

Honours Year (Optional)

Refer to the course outline of BS63 for details. Students undertaking Honours in Banking & Finance are strongly advised to include the unit, EFB200 Applied Regression Analysis, in their undergraduate program.

BANKING AND FINANCE MAJOR

Full-time Course Structure

Year 1, Semester 1

BSB112 Introduction to Electronic Commerce
BSB113 Economics
BSB114 Government, Business & Society
BSB116 Marketing & International Business

Year 1, Semester 2

BSB110 Accounting
BSB115 Management, People & Organisations
EFB101 Data Analysis for Business
EFB102 Economics 2

Year 2, Semester 1

BSB111 Business Law & Ethics
BSB117 Professional Communication & Negotiation
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 & Economics
Double major/extended major/specialisation unit
Elective unit
Elective unit

Part-time Course Structure

Year 1, Semester 1

BSB112 Introduction to Electronic Commerce
BSB113 Economics

Year 1, Semester 2

BSB115 Management, People & Organisations
EFB102 Economics 2

Year 2, Semester 1

BSB114 Government, Business & Society
BSB116 Marketing & International Business

Year 2, Semester 2

BSB110 Accounting
EFB101 Data Analysis for Business

Year 3, Semester 1

BSB111 Business Law & Ethics
EFB210 Finance 1

Year 3, Semester 2

Double major/extended major/specialisation unit
Double major/extended major/specialisation unit

Year 4, Semester 1

EFB307 Finance 2
Elective unit

Year 4, Semester 2

BSB117 Professional Communication & Negotiation
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 & Economics
Double major/extended major/specialisation unit

EXTENDED MAJORS FOR THE MAJOR IN BANKING AND FINANCE

Banking

AYB120 Business Law
AYB225 Management Accounting 1
EFB311 Financial Institutions – Lending
EFB310 Financial Institutions – Control
AYB312 Financial Institutions Law
Plus one unit from the Banking extended major options list below.

Banking Extended Major Options

EFB200 Applied Regression Analysis
EFB308 Finance 3
EFB309 Financial Derivatives
EFB318 Portfolio & Security Analysis

Financial Economics

EFB211 Firms, Markets & Resources
EFB325 Financial Microeconomics
EFB202 Business Cycles & Economic Growth
EFB326 Applied Portfolio Management
EFB324 Macroeconomics of Global Financial Markets

Plus one unit from the Financial Economics extended major options list below.

Financial Economics Extended Major Options

EFB200 Applied Regression Analysis
EFB318 Portfolio & Security Analysis

Funds Management

AYB120 Business Law
AYB225 Management Accounting 1
EFB308 Finance 3
EFB309 Financial Derivatives
EFB318 Portfolio & Security Analysis
Plus one unit from the Funds Management extended major options list below.

Funds Management Extended Major Options

AYB312 Financial Institutions Law
EFB200 Applied Regression Analysis
EFB310 Financial Institutions – Control
EFB311 Financial Institutions – Lending

Finance units offered by the School of Economics and Finance

EFB201 Financial Markets
EFB206 Corporate Finance (incompatible with EFB210)
EFB210 Finance 1 (incompatible with EFB206)
EFB307 Finance 2
EFB308 Finance 3
EFB309 Financial Derivatives
EFB310 Financial Institutions – Control
EFB311 Financial Institutions – Lending
EFB312 International Finance & Economics
EFB318 Portfolio & Security Analysis
EFB326 Applied Portfolio Management

□ Communication Major

Professional Recognition

The Bachelor of Business (Communication) with extended major in Advertising course is accredited by the Advertising Institute of Australia. It is also endorsed by the Advertising Federation of Australia, the Australian Association of National Advertisers and the Australian Direct Marketing Association. Graduates are eligible for Associate Membership (Dip) of the Advertising Institute of Australia.

Students of the Public Relations Extended Major meet the requirements of membership of a number of professional bodies. These include the Public Relations Institute of Australia and the Society of Business Communicators, as well as associated and international bodies. Details of such memberships can be obtained through the School of Communication.

Honours Year (Optional)

Refer to the course outline of BS63 for details. Part-time students enrolled in the Advertising extended major should consult with the School of Communication administration to check availability of advertising units in particular semesters.

COMMUNICATION MAJOR

The sequence for students studying at Carseldine has some minor differences. Students should refer to the School of Communication.

Full-time Course Structure

Year 1, Semester 1

BSB112 Introduction to Electronic Commerce
BSB114 Government, Business & Society
BSB115 Management, People & Organisations
BSB117 Professional Communication & Negotiation

Year 1, Semester 2

BSB116 Marketing & International Business
COB222 Introduction to Communication Practice
COB308 Advertising Theory & Practice
COB325 Public Relations Theory & Practice

Year 2, Semester 1

COB216 Theoretical Perspectives on Communication
COB221 Communication Technology
Double major/specialisation unit
Double major/specialisation unit

Year 2, Semester 2

BSB110 Accounting
BSB113 Economics
COB334 Communication Research Methods
Double major/specialisation unit

Year 3, Semester 1

BSB111 Business Law & Ethics
Double major/specialisation unit
Elective unit
Elective unit

Year 3, Semester 2

Double major/specialisation unit
 Double major/specialisation unit
 Elective unit
 Elective unit

Part-time Course Structure**Year 1, Semester 1**

BSB112 Introduction to Electronic Commerce
 BSB115 Management, People & Organisations

Year 1, Semester 2

BSB114 Government, Business & Society
 BSB117 Professional Communication & Negotiation

Year 2, Semester 1

COB308 Advertising Theory & Practice
 COB222 Introduction to Communication Practice

Year 2, Semester 2

BSB113 Economics
 COB221 Communication Technology

Year 3, Semester 1

BSB116 Marketing & International Business
 COB325 Public Relations Theory & Practice

Year 3, Semester 2

BSB110 Accounting
 COB216 Theoretical Perspectives on Communication

Year 4, Semester 1

COB334 Communication Research Methods
 Double major/specialisation unit

Year 4, Semester 2

Double major/specialisation unit
 Elective unit

Year 5, Semester 1

BSB111 Business Law & Ethics
 Double major/specialisation unit

Year 5, Semester 2

Double major/specialisation unit
 Elective unit

Year 6, Semester 1

Double major/specialisation unit

Year 6, Semester 2

Elective unit
 Elective unit

EXTENDED MAJOR IN ADVERTISING

The sequence for students studying at Carseldine has some minor differences. Students should refer to the School of Communication.

Full-time Course Structure**Year 1, Semester 1**

BSB112 Introduction to Electronic Commerce
 BSB114 Government, Business & Society
 BSB115 Management, People & Organisations
 BSB117 Professional Communication & Negotiation

Year 1, Semester 2

BSB116 Marketing & International Business
 COB222 Introduction to Communication Practice

COB308 Advertising Theory & Practice
 COB325 Public Relations Theory & Practice

Year 2, Semester 1

COB216 Theoretical Perspectives on Communication
 COB221 Communication Technology
 COB223 Audience Analysis
 COB317 Media Planning

Year 2, Semester 2

BSB110 Accounting
 BSB113 Economics
 COB304 Advertising Copywriting
 COB334 Communication Research Methods

Year 3, Semester 1

BSB111 Business Law & Ethics
 COB306 Advertising Management
 Elective unit
 Elective unit

Year 3, Semester 2

COB303 Advertising Campaigns
 Elective unit
 Elective unit
 Choice unit*

Part-time Course Structure**Year 1, Semester 1**

BSB112 Introduction to Electronic Commerce
 BSB115 Management, People & Organisations

Year 1, Semester 2

BSB114 Government, Business & Society
 BSB117 Professional Communication & Negotiation

Year 2, Semester 1

COB222 Introduction to Communication Practice
 COB308 Advertising Theory & Practice

Year 2, Semester 2

BSB113 Economics
 COB221 Communication Technology

Year 3, Semester 1

BSB116 Marketing & International Business
 COB325 Public Relations Theory & Practice

Year 3, Semester 2

BSB110 Accounting
 COB216 Theoretical Perspective on Communication

Year 4, Semester 1

COB223 Audience Analysis
 COB334 Communication Research Methods

Year 4, Semester 2

COB317 Media Planning
 Elective unit

Year 5, Semester 1

BSB111 Business Law & Ethics
 COB304 Advertising Copywriting

Year 5, Semester 2

COB306 Advertising Management
 Elective unit

Year 6, Semester 1

COB303 Advertising Campaigns
 Choice unit*

Year 6, Semester 2

Elective unit*
Elective unit

***Choice Units**

Each semester, the School of Communication will offer a selection of units from which students may select their additional unit of study in the extended major. Unit offerings will be published for the year so that students can plan their selection in advance. Students will be advised of any units required for accreditation with professional bodies.

Potential units to be offered in this sequence could include:

COB207 Integrated Marketing Communication
COB208 Intercultural Communication & Diversity
COB218 Internet Communication
COB307 Advertising Regulations & Ethics
COB315 Direct Response Advertising
COB320 Professional Advertising Practice
COB321 Public Relations Professional Practice
COB335 Communication Strategy & Technology

Choice units should be taken in the last year of study, but can be taken in either semester.

Students considering an extended major in Advertising and a minor in Public Relations should seek enrolment advice from the School of Communication.

EXTENDED MAJOR IN PUBLIC RELATIONS

The sequence for students studying at Carseldine has some minor differences. Students should refer to the School of Communication.

Full-time Course Structure

Year 1, Semester 1

BSB112 Introduction to Electronic Commerce
BSB114 Government, Business & Society
BSB115 Management, People & Organisations
BSB117 Professional Communication & Negotiation

Year 1, Semester 2

BSB116 Marketing & International Business
COB222 Introduction to Communication Practice
COB308 Advertising Theory & Practice
COB325 Public Relations Theory & Practice

Year 2, Semester 1

COB216 Theoretical Perspectives on Communication
COB221 Communication Technology
COB223 Audience Analysis
COB329 Publicity Methods

Year 2, Semester 2

BSB110 Accounting
BSB113 Economics
COB326 Public Relations Writing
COB334 Communication Research Methods

Year 3, Semester 1

BSB111 Business Law & Ethics
COB336 Public Relations Management

Elective unit
Elective unit

Year 3, Semester 2

COB323 Public Relations Campaigns
Choice unit*
Elective unit
Elective unit

Part-time Course Structure

Year 1, Semester 1

BSB112 Introduction to Electronic Commerce
BSB115 Management, People & Organisations

Year 1, Semester 2

BSB114 Government, Business & Society
BSB117 Professional Communication & Negotiation

Year 2, Semester 1

COB222 Introduction to Communication Practice
COB308 Advertising Theory & Practice

Year 2, Semester 2

BSB113 Economics
COB221 Communication Technology

Year 3, Semester 1

BSB116 Marketing & International Business
COB325 Public Relations Theory & Practice

Year 3, Semester 2

BSB110 Marketing & International Business
COB216 Theoretical Perspectives on Communication

Year 4, Semester 1

COB223 Audience Analysis
COB334 Communication Research Methods

Year 4, Semester 2

COB329 Publicity Methods
Elective unit

Year 5, Semester 1

BSB111 Business Law & Ethics
COB326 Public Relations Writing

Year 5, Semester 2

COB336 Public Relations Management
Elective unit

Year 6, Semester 1

COB323 Public Relations Campaigns
Choice unit*

Year 6, Semester 2

Elective unit*
Elective unit

***Choice Units**

Each semester, the School of Communication will offer a selection of units from which students may select their additional unit of study in the extended major. Unit offerings will be published for the year so that students can plan their selection in advance. Students will be advised of any units required for accreditation with professional bodies.

Potential units to be offered in this sequence could include:

COB207	Integrated Marketing Communication
COB208	Intercultural Communication & Diversity
COB218	Internet Communication
COB307	Advertising Regulations & Ethics
COB315	Direct Response Advertising
COB320	Professional Advertising Practice
COB321	Public Relations Professional Practice
COB335	Communication Strategy & Technology

Choice units should be taken in the last year of study, but can be taken in either semester.

Students considering an extended major in Public Relations and a minor in Advertising should seek enrolment advice from the School of Communication.

□ Economics Major

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 enquiries counters. Enrolment advice is available from the School of Economics and Finance (Level 8, Z Block, Gardens Point).

Professional Recognition

This major satisfies the academic requirements for ordinary membership of the Economic Society of Australia. In addition to qualifying for ordinary membership of the Economic Society of Australia and professional membership of the Queensland Division of the Economic Society, students completing the Bachelor of Business (Economics) with a double major in Banking and Finance can also qualify for Senior Associate Membership of the Australian Institute of Banking and Finance by either (a) including EFB311 Financial Institutions – Lending and EFB310 Financial Institutions – Control as substitute major core units with AYB120

Business Law and AYB312 Financial Institutions Law as electives, OR (b) including EFB308 Finance 3 and EFB318 Portfolio & Security Analysis as substitute major core units.

Honours Year (Optional)

Refer to the course outline of BS63 for details. Students of the Economics major of the Bachelor of Business, intending to do Honours in Economics, must complete the core units of the major and, in addition, are strongly recommended to undertake EFB200 Applied Regression Analysis and at least two other Level 2 or Level 3 Economics units.

ECONOMICS MAJOR

Full-time Course Structure

Year 1, Semester 1

BSB112	Introduction to Electronic Commerce
BSB113	Economics
BSB116	Marketing & International Business
EFB101	Data Analysis for Business

Year 1, Semester 2

BSB110	Accounting
BSB114	Government, Business & Society
BSB115	Management, People & Organisations
EFB102	Economics 2

Year 2, Semester 1

BSB111	Business Law & Ethics
EFB202	Business Cycles & Economic Growth
EFB211	Firms, Markets & Resources
Double major/extended major/specialisation unit	

Year 2, Semester 2

BSB117	Professional Communication & Negotiation
EFB314	International Trade & Economic Competitiveness
EFB323	Financial & 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

BSB112	Introduction to Electronic Commerce
BSB113	Economics

Year 1, Semester 2

BSB115	Management, People & Organisations
EFB102	Economics 2

Year 2, Semester 1

BSB116	Marketing & International Business
EFB101	Data Analysis for Business

Year 2, Semester 2

BSB110 Accounting
BSB114 Government, Business & Society

Year 3, Semester 1

EFB202 Business Cycles & Economic Growth
EFB211 Firms, Markets & Resources

Year 3, Semester 2

EFB314 International Trade & Economic Competitiveness
EFB323 Financial & Monetary Economics

Year 4, Semester 1

BSB111 Business Law & Ethics
Double major/extended major/specialisation unit

Year 4, Semester 2

BSB117 Professional Communication & 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

EXTENDED MAJORS FOR THE MAJOR IN ECONOMICS

Financial Economics

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

Financial Economics Extended Major Options

EFB200 Applied Regression Analysis
EFB201 Financial Markets
EFB327 Econometrics of Financial Markets
EFB328 Public Economics & Finance

Economics Units

BSB113 Economics
EFB101 Data Analysis for Business
EFB102 Economics 2
EFB200 Applied Regression Analysis
EFB202 Business Cycles & Economic Growth
EFB211 Firms, Markets & Resources
EFB220 International Studies Program
EFB221 Economics of Social & Anti-Social Behaviour
EFB314 International Trade & Economic Competitiveness
EFB323 Financial & Monetary Economics
EFB324 Macroeconomics of Global Financial Markets
EFB325 Financial Microeconomics
EFB327 Econometrics of Financial Markets
EFB328 Public Economics & Finance

□ Human Resource Management Major

Professional Recognition

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. Maximum time credit towards chartered membership grading of the Australian Human Resources Institute can be achieved by completion of several additional units or by completion of the extended major in Human Resource Management.

Honours Year (Optional)

Refer to the course outline of BS63 for details.

HUMAN RESOURCE MANAGEMENT MAJOR

Full-time Course Structure

Year 1, Semester 1

BSB112 Introduction to Electronic Commerce
BSB114 Government, Business & Society
BSB115 Management, People & Organisations
BSB117 Professional Communication & Negotiation

Year 1, Semester 2

BSB116 Marketing & International Business
MGB207 Managing Human Resources
MGB211 Organisational Behaviour
MGB220 Methods & Analysis

Year 2, Semester 1

BSB110 Accounting
BSB113 Economics
MGB221 Work & Performance
Double major/extended major/specialisation unit

Year 2, Semester 2

BSB111 Business Law & Ethics
MGB320 Recruitment & Selection 1
MGB331 Training & Development 1
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

BSB114 Government, Business & Society
BSB115 Management, People & Organisations

Year 1, Semester 2

BSB116 Marketing & International Business
MGB220 Methods & Analysis

Year 2, Semester 1

BSB112 Introduction to Electronic Commerce
 BSB117 Professional Communication & Negotiation

Year 2, Semester 2

MGB207 Managing Human Resources
 MGB211 Organisational Behaviour

Year 3, Semester 1

BSB110 Accounting
 BSB113 Economics

Year 3, Semester 2

BSB111 Business Law & Ethics
 Elective unit

Year 4, Semester 1

MGB221 Work & Performance
 Double major/extended major/specialisation unit

Year 4, Semester 2

MGB320 Recruitment & Selection 1
 Double major/extended major/specialisation unit

Year 5, Semester 1

Double major/extended major/specialisation unit
 Elective unit

Year 5, Semester 2

MGB331 Training & Development 1
 Elective unit

Year 6, Semester 1

Double major/extended major/specialisation unit
 Elective unit

Year 6, Semester 2

Double major/extended major/specialisation unit
 Double major/extended major/specialisation unit

EXTENDED MAJORS FOR THE MAJOR IN HUMAN RESOURCE MANAGEMENT**Human Resource Management**

MGB201 Employment Regulation & Administration
 MGB300 Advanced Organisational Behaviour
 MGB315 Personal & Professional Development
 MGB305 Human Resource Management Strategy & Policy

plus two of the following:

MGB202 Equity & Diversity Management
 MGB209 Occupational Health & Safety
 MGB304 Human Resource Planning & Information Systems
 MGB307 International HRM
 MGB312 Negotiation & Collective Bargaining
 MGB313 Organisational Change & Development
 MGB314 Organisational Consulting & Counselling
 MGB321 Recruitment & Selection 2 (not offered in 2001)
 MGB322 Remuneration Management (not offered in 2001)
 MGB325 Training & Development 2
 MGB332 Australian Industrial Relations

□ International Business Major

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 structure options are described below. 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.

All International Business majors must undertake one of the following units, either within a double major or specialisation, or as an elective:

- (i) EFB101 Data Analysis for Business, OR
- (ii) MGB220 Methods & Analysis

International Business primary major students who elect to complete a double major in Communication are deemed to have met the quantitative requirement by completing COB334 Communication Research Methods.

Honours Year (Optional)

Refer to the course outline of BS63 for details.

INTERNATIONAL BUSINESS MAJOR**□ OPTION ONE: NO LANGUAGES****Full-time Course Structure****Year 1, Semester 1**

BSB113 Economics
 BSB115 Management, People & Organisations
 BSB116 Marketing & International Business
 BSB117 Professional Communication & Negotiation

Year 1, Semester 2

BSB112 Introduction to Electronic Commerce
 BSB114 Government, Business & Society
 MIB202 Business & the World Economy
 MIB211 Globalisation & Business

Year 2, Semester 1

BSB110 Accounting
 BSB111 Business Law & Ethics
 MIB210 Export Management
 Double major/extended major/specialisation unit

Year 2, Semester 2

BSB300 Management, the Firm & International Business
 Double major/extended major/specialisation unit
 Double major/extended major/specialisation unit
 Elective unit

Year 3, Semester 1

Area Study 1
 Double major/extended major/specialisation unit
 Double major/extended major/specialisation unit
 Elective unit

Year 3, Semester 2

Area Study 2
 Double major/extended major/specialisation unit

Elective unit
Elective unit

Part-time Course Structure

Year 1, Semester 1

BSB114 Government, Business & Society
BSB116 Marketing & International Business

Year 1, Semester 2

BSB110 Accounting
BSB115 Management, People & Organisations

Year 2, Semester 1

BSB112 Introduction to Electronic Commerce
BSB113 Economics

Year 2, Semester 2

MIB202 Business & the World Economy
MIB211 Globalisation & Business

Year 3, Semester 1

MIB210 Export Management
Double major/extended major/specialisation unit

Year 3, Semester 2

BSB111 Business Law & Ethics
Double major/extended major/specialisation unit

Year 4, Semester 1

BSB117 Professional Communication & Negotiation
Double major/extended major/specialisation unit

Year 4, Semester 2

BSB300 Management, the Firm & International Business
Double major/extended major/specialisation unit

Year 5, Semester 1

Double major/extended major/specialisation unit
Double major/extended major/specialisation unit

Year 5, Semester 2

Elective unit
Elective unit

Year 6, Semester 1

Area Study 1
Elective unit

Year 6, Semester 2

Area Study 2
Elective unit

□ OPTION TWO: LANGUAGE SPECIALISATION

Full-time Course Structure

Year 1, Semester 1

BSB113 Economics
BSB115 Management, People & Organisations
BSB116 Marketing & International Business
Language 1

Year 1, Semester 2

BSB114 Government, Business & Society
MIB202 Business & the World Economy
MIB211 Globalisation & Business
Language 2

Year 2, Semester 1

BSB110 Accounting

BSB112 Introduction to Electronic Commerce
MIB210 Export Management
Language 3

Year 2, Semester 2

BSB117 Professional Communication & Negotiation
BSB300 Management, the Firm & International Business
Elective unit
Language 4

Year 3, Semester 1

Area Study 1
Elective unit

plus one of the following:

Language 5 OR
MIB205 Cross-Cultural Communication & Negotiation

Year 3, Semester 2

Elective unit
Area Study 2
BSB111 Business Law & Ethics

plus one of the following:

EFB101 Data Analysis for Business OR
MGB220 Methods & Analysis

Part-time Course Structure

Year 1, Semester 1

BSB116 Marketing & International Business
Language 1

Year 1, Semester 2

BSB115 Management, People & Organisations
Language 2

Year 2, Semester 1

BSB117 Professional Communication & Negotiation
Language 3

Year 2, Semester 2

BSB113 Economics
Language 4

Year 3, Semester 1

BSB112 Introduction to Electronic Commerce
plus one of the following

Language 5 OR
MIB205 Cross-Cultural Communication & Negotiation

Year 3, Semester 2

BSB114 Government, Business & Society
plus one of the following:

MIB205 Cross Cultural Communication & Negotiation
MIB211 Globalisation & Business

Year 4, Semester 1

BSB111 Business Law & Ethics
EFB101 Data Analysis for Business OR
MGB220 Methods & Analysis

Year 4, Semester 2

MIB202 Business & the World Economy
Elective unit

Year 5, Semester 1

BSB110 Accounting
MIB210 Export Management

Year 5, Semester 2

BSB300 Management, the Firm & International Business
Elective unit

Year 6, Semester 1

Area Study 1
Elective unit

Year 6, Semester 2

Area Study 2
Elective unit

Area Study Options

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

MIB200 Asian Business Development (sem 1)
MIB317 Contemporary Business in Asia (sem 2)
MIB208 European Business Development (sem 1)
MIB300 Contemporary Business in Europe (sem 2)

List of Languages

The same language must be studied for at least four levels and unit codes are sequential (eg. French HUB670, HUB671, HUB672, HUB673), except French 7 (HUB678) and French 8 (HUB677). With the permission of the major coordinator, and where available, languages other than those listed may be taken, including languages studied at another university. International students must take a language that is not their native tongue. The language units are as follows:

□ *French*

1. Students **without** Year 12 language qualifications in French should undertake the following sequence of units:

HUB670	French 1	Yr 1/S 1
HUB671	French 2	Yr 1/S 2
HUB672	French 3	Yr 2/S 1
HUB673	French 4	Yr 2/S 2
HUB674	French 5	Yr 3/S 1
HUB675	French 6	Yr 3/S 2

2. Students **with** Year 12 language qualifications or equivalent in French should undertake the following sequence of units:

HUB672	French 3	Yr 1/S 1
HUB673	French 4	Yr 1/S 2
HUB674	French 5	Yr 2/S 1
HUB675	French 6	Yr 2/S 2
HUB678	French 7	Yr 3/S 1
HUB677	French 8	Yr 3/S 2

□ *Indonesian*

1. Students **without** Year 12 language qualifications in Indonesian should undertake the following sequence of units:

HUB650	Indonesian 1	Yr 1/S 1
--------	--------------	----------

HUB651	Indonesian 2	Yr 1/S 2
HUB652	Indonesian 3	Yr 2/S 1
HUB653	Indonesian 4	Yr 2/S 2
HUB654	Indonesian 5	Yr 3/S 1
HUB655	Indonesian 6	Yr 3/S 2

2. Students **with** Year 12 language qualifications or equivalent in Indonesian should undertake the following sequence of units:

HUB652	Indonesian 3	Yr 1/S 1
HUB653	Indonesian 4	Yr 1/S 2
HUB654	Indonesian 5	Yr 2/S 1
HUB655	Indonesian 6	Yr 2/S 2
HUB656	Indonesian 7	Yr 3/S 1
HUB657	Indonesian 8	Yr 3/S 2

□ *Japanese*

1. Students **without** Year 12 language qualifications in Japanese should undertake the following sequence of units:

HUB660	Japanese 1	Yr 1/S 1
HUB661	Japanese 2	Yr 1/S 2
HUB662	Japanese 3	Yr 2/S 1
HUB663	Japanese 4	Yr 2/S 2
HUB664	Japanese 5	Yr 3/S 1
HUB665	Japanese 6	Yr 3/S 2

2. Students **with** Year 12 language qualifications or equivalent in Japanese should undertake the following sequence of units:

HUB662	Japanese 3	Yr 1/S 1
HUB663	Japanese 4	Yr 1/S 2
HUB664	Japanese 5	Yr 2/S 1
HUB665	Japanese 6	Yr 2/S 2
HUB666	Japanese 7	Yr 3/S 1
HUB667	Japanese 8	Yr 3/S 2

□ *German*

1. Students **without** Year 12 language qualifications should undertake the following sequence of units:

HUB735	German 1	Yr 1/S 1
HUB736	German 2	Yr 1/S 2
HUB737	German 3	Yr 2/S 1
HUB738	German 4	Yr 2/S 2
HUB739	German 5	Yr 3/S 1
HUB740	German 6	Yr 3/S 2

2. Students **with** Year 12 language qualifications or equivalent in German should undertake the following sequence of units:

HUB737	German 3	Yr 1/S 1
HUB738	German 4	Yr 1/S 2
HUB739	German 5	Yr 2/S 1
HUB740	German 6	Yr 2/S 2
HUB741	German 7	Yr 3/S 1
HUB742	German 8	Yr 3/S 2

EXTENDED MAJORS FOR THE MAJOR IN INTERNATIONAL BUSINESS

Students undertaking marketing units as part of the extended major should check which units require MIB217 Marketing Management as a prerequisite. Units which have been taken towards the major may not be counted as part of the extended major.

International Business Analysis (subject for final approval)

Students must undertake the following units:

MIB212 Industry & Regional Analysis

MIB314 Strategic Business Analysis
AND

EFB101 Data Analysis for Business
OR

MGB220 Methods & Analysis

plus three of the following units provided at least one of the units is a level 3 unit (ie MIB3xx)

MIB101 Business in Australia

MIB200 Asian Business Development

MIB205 Cross Cultural Communication & Negotiation

MIB208 European Business Development

MIB213 International Marketing

MIB217 Marketing Management

MIB218 Marketing Sport & Recreation (even numbered years)

MIB221 Retail Industry (even numbered years)

MIB222 Sport & Recreation Industries (odd numbered years)

MIB223 Technology & International Business (odd numbered years)

MIB224 Technology & Marketing (odd numbered years)

MIB225 Tourism

MIB227 Product Innovation & Market Development

MIB229 Retail Marketing (even numbered years)

MIB300 Contemporary Business in Europe

MIB311 Services Marketing

MIB312 Special Topic in International Business

MIB317 Contemporary Business in Asia

MIB318 Management of Sport & Recreation (odd numbered years)

MIB319 Events Marketing

MIB321 Tourism Marketing

Year 2, Semester 1

BSB110 Accounting

MGB210 Operations, Production & Service Management

MGB220 Methods & Analysis
Elective unit

Year 2, Semester 2

BSB111 Business Law & Ethics

Double major/extended major/specialisation unit

Double major/extended major/specialisation unit

Double major/extended major/specialisation unit

Year 3, Semester 1

MGB303 Entrepreneurship

Double major/extended major/specialisation unit

Double major/extended major/specialisation unit

Elective unit

Year 3, Semester 2

MGB309 Strategic Management

Double major/extended major/specialisation unit

Elective unit

Part-time Course Structure

Year 1, Semester 1

BSB114 Government, Business & Society

BSB115 Management, People & Organisations

Year 1, Semester 2

BSB116 Marketing & International Business

MGB220 Methods & Analysis

Year 2, Semester 1

BSB112 Introduction to Electronic Commerce

BSB117 Professional Communication & Negotiation

Year 2, Semester 2

MGB207 Managing Human Resources

MGB211 Organisational Behaviour

Year 3, Semester 1

BSB110 Accounting

BSB113 Economics

Year 3, Semester 2

BSB111 Business Law & Ethics

Double major/extended major/specialisation unit

Year 4, Semester 1

MGB210 Operations, Production & Service

Management

Elective unit

Year 4, Semester 2

Double major/extended major/specialisation unit

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

Elective unit

Year 6, Semester 1

MGB303 Entrepreneurship

Elective unit

□ Management Major

Professional Recognition

This major satisfies the academic requirements for membership of the Australian Institute of Management.

Honours Year (Optional)

Refer to the course outline of BS63 for details.

MANAGEMENT MAJOR

Full-time Course Structure

Year 1, Semester 1

BSB112 Introduction to Electronic Commerce

BSB114 Government, Business & Society

BSB115 Management, People & Organisations

BSB117 Professional Communication & Negotiation

Year 1, Semester 2

BSB113 Economics

BSB116 Marketing & International Business

MGB207 Managing Human Resources

MGB211 Organisational Behaviour

Year 6, Semester 2

MGB309 Strategic Management
Elective unit

EXTENDED MAJORS FOR THE MAJOR IN MANAGEMENT

Management

MGB206 Management & Organisation Theory
MGB203 Government-Management Interface

plus any four of the following:

BSB300 Management, the Firm & International Business
MGB216 Technology Management
MGB218 Venture Skills
MGB311 Managing Change
MGB319 Quality Management
MGB323 Small Business Management

□ Marketing Major

Professional Recognition

Students of the Marketing major may meet the requirements for membership of a number of professional bodies including the Australian Marketing Institute, the Marketing Research Society of Australia, the Australian Institute of Management, the American Marketing Association and the Australasian Institute of Export. Details of membership can be obtained from the major coordinator.

Honours Year (Optional)

Refer to the course outline of BS63 for details.

MARKETING MAJOR

Full-time Course Structure

Year 1, Semester 1

BSB113 Economics
BSB115 Management, People & Organisations
BSB116 Marketing & International Business
BSB117 Professional Communication & Negotiation

Year 1, Semester 2

BSB112 Introduction to Electronic Commerce
BSB114 Government, Business & Society
EFB101 Data Analysis for Business
MIB217 Marketing Management

Year 2, Semester 1

BSB110 Accounting
BSB111 Business Law & Ethics
MIB204 Consumer Behaviour
Double major/extended major/specialisation unit

Year 2, Semester 2

MIB213 International Marketing
Double major/extended major/specialisation unit
Double major/extended major/specialisation unit
Elective unit

Year 3, Semester 1

MIB305 Market Research
Double major/extended major/specialisation unit
Double major/extended major/specialisation unit
Elective unit

Year 3, Semester 2

MIB315 Strategic Marketing
Double major/extended major/specialisation unit
Elective unit
Elective unit

Part-time Course Structure

Year 1, Semester 1

BSB113 Economics
BSB116 Marketing & International Business

Year 1, Semester 2

BSB112 Introduction to Electronic Commerce
BSB115 Management, People & Organisations

Year 2, Semester 1

BSB114 Government, Business & Society
BSB117 Professional Communication & Negotiation

Year 2, Semester 2

EFB101 Data Analysis for Business
MIB217 Marketing Management

Year 3, Semester 1

MIB204 Consumer Behaviour
Double major/extended major/specialisation unit

Year 3, Semester 2

BSB111 Business Law & Ethics
Double major/extended major/specialisation unit

Year 4, Semester 1

BSB110 Accounting
Double major/extended major/specialisation unit

Year 4, Semester 2

MIB213 International Marketing
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

Elective unit
Elective unit

Year 6, Semester 1

MIB305 Market Research
Elective unit

Year 6, Semester 2

MIB315 Strategic Marketing
Elective unit

EXTENDED MAJOR FOR THE MAJOR IN MARKETING

Students may take any six of the following units, provided that at least two of the six units are level 3 units (ie MIB3xx) and that they have the necessary prerequisites. Students are advised to contact the School of Marketing and International Business for

further information on appropriate groupings of units.

Marketing

The following units are offered every year:

MIB210 Export Management
MIB227 Product Innovation & 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 & Recreation
MIB228 Promotional Strategy
MIB229 Retail Marketing
MIB320 Marketing Decision Making

The following units are offered in odd numbered years:

MIB215 Marketing Logistics
MIB220 Business to Business Marketing
MIB224 Technology & Marketing
MIB230 Sales Management
MIB303 International Logistics (not offered in 2001)

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OVERVIEW

QUT's Faculty of Education is the largest provider of teacher education in Australia with over 5000 students; over 2000 of which are in postgraduate courses.

The strong, practical theme in the faculty's courses provides a balance of theory and practical skills that ensures graduates are not limited by the employment opportunities provided by classroom teaching alone.

Based at the Kelvin Grove campus of QUT, the faculty comprises five 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.

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).

SENIOR STAFF

- *Faculty Office*

Dean: Professor Vi McLean, DipT *BKTC*, BEdSt *Qld*, MEd PhD *Arizona*

Assistant Dean: R.J. Hardingham, BSc DipEd BED MEdAdmin PhD *Qld*, MACE

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*

E.L. McWilliam, DipT *KGCAE*, BA MEdSt 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 and Development***

Head: Professor G.M. Boulton-Lewis, CertT NSW,
MEd *Canberra CAE*, BA PhD *Qld*, FACE

Associate Professor: W. Patton, BEd *James Cook*,
BA(Hons) PhD *Qld*

□ ***School of Mathematics, Science and
Technology Education***

Head: Professor T.J. Cooper, BSc(Hons) DipEd PhD
Adel.

Professor: L.D. English, DipT BEd MED *KGCAE*,
PhD *Qld*

Associate Professors:

K.B. Lucas, BSc MED *Syd*, DipEd NE, MSc *Macq*,
PhD *Indiana*

C.J. McRobbie, BSc BEd *Qld*, MSc *Pacific*, PhD
Monash, MACE, MRACI

□ ***School of Professional Studies***

Acting Head: Associate Professor R.G. Elliott, BSc
BEd(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

J.G. Lidstone, CertEd *Durh*, BSc(Econ)(Hons)
AdvDipEd MA PhD *Lond*, FRGS

■ Doctor of Education (ED11)

Location: Kelvin Grove campus

Course Duration: 2.5 years to 4.5 years depending on qualifications

Total Credit Points: 288

Standard Credit Points/Part-time Semester: 24

Course Coordinator: Associate Professor Erica McWilliam

Entry Requirements

Candidates will be admitted to the EdD who:

- (i) hold a four-year Education degree, or its equivalent, with First Class Honours or Honours IIA, or
- (ii) hold a Masters degree in Education or in another field relevant to the EdD

and have two years practice in a position of professional responsibility in education or a closely related field.

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 five) 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 units taken with students in the coursework Master of Education course, 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.

Thesis Supervision

- (i) Criteria for selecting supervisors 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 an 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 presentations. 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.
- (vi) Students may obtain from the course coordinator, heads of school and directors of centres information regarding procedures for selection of supervisors.
- (vii) Supervision is discussed with heads of school, directors and with the course coordinator.
- (viii) The course coordinator, after agreement with the relevant heads of school 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.
- (ix) The names of supported supervisors will be transmitted for University approval to the Research Degrees Committee.

Progression and Unsatisfactory Progress

□ *Progression*

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 candidates are required to satisfactorily complete confirmation of candidature prior to proceeding to the thesis implementation stage.

Once a student has been confirmed, six monthly reports are required from the principal supervisor twice a year. The report shall be signed by the candidate and the supervisor and submitted through the head of school and the director of centre to the course coordinator for reviewing. The report is forwarded through the Faculty Research Committee to the Research Degrees Committee.

□ *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 a right of appeal to the Academic Appeals Committee. The appeal will be referred to the Faculty Academic Board and will be considered by the Faculty Academic Performance Committee.

- (i) A provisional candidate who fails to achieve a credit level in any qualifying or 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.
- (ii) With respect to the thesis project, progress which is considered clearly unsatisfactory by both the supervisor and the course coordinator may lead to a 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 candidate shall be given the opportunity to show cause why this action should not be taken.

□ *Confirmation of Candidature*

Within 18 months of enrolment (or two years part-time) the student in consultation with the supervisor should present for confirmation. 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.

Thesis Presentation and Examination

This has two components, an oral and a written presentation to a Faculty of Education Panel 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 which consists of the principal supervisor (Chair), course coordinator or nominee, director of the relevant research centre or nominee, a member of the Faculty Research Committee Doctoral Subcommittee (quorum 3).
- (ii) The candidate's principal supervisor, through the centre director, shall notify the Faculty Office 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 Committee.
- (iii) Where the Faculty Research Committee is satisfied that a candidate would be seriously disadvantaged if required to undergo an oral presentation, an alternate form of presentation may be approved.
- (iv) The panel may suggest changes to the thesis or further work to be done and can recommend the thesis as being ready for examination.

□ *Submission of Thesis*

- (i) After making revisions suggested in the oral presentation, candidates will submit to the student affairs officer **four copies of the thesis**, bound in a temporary form as approved by Research Degrees Committee.
- (ii) The thesis should 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.

□ *Formal Examination*

- (i) 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.

- (ii) Examiners 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.
- (iii) In all cases the examiner should provide along with the official assessment form, a separate document indicating where corrections or modifications are required and as appropriate, provide any constructive criticism and comment helpful to the candidate.
- (iv) 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.
- (v) 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.
- (vi) 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 Doctor of Education be awarded the degree of Master, provided that the candidate meets or can meet the requirements of the Master's program.

- (vii) 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 the 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 Subcommittee of the Faculty Research Committee which has been established to make recommendations on areas of disputation between examiners. The Faculty Research Committee will then make a recommendation to the Faculty Academic Board. The 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.

- (viii) The examiners must give the candidate guidance on the deficiencies identified by the first examination.
- (ix) If a candidate is required to revise and resubmit a thesis, the examiners' report will be made available to the candidate, the anonymity of the examiners being maintained.
- (x) The Faculty Academic Board on recommendation from the Faculty Research Committee may require that an additional external examiner be appointed for the re-examination.
- (xi) Regulations applicable to examinations generally apply to the re-examination.
- (xii) Examiners' reports should be made available to the candidate on request. The names of examiners will be released to the student at this time if the examiners have indicated willingness to have their identities revealed to the candidate.

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 (ED13)

Location: Kelvin Grove campus

Course Duration: 1 year full-time or external,
2 years part-time or external¹

Total Credit Points: 96

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr Jillian Brannock

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.

Entry Requirements

Candidates will be admitted to the course who:

- hold an appropriate four-year bachelor degree or equivalent at a standard acceptable to the Dean of the Faculty; or
- hold other qualifications acceptable to the dean which should include at least one year's experience in some branch of education, subject to the discretion of the dean.

All applicants must have a good command of the English Language.

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 will be admitted to full candidature.

Provisional Enrolment

In special circumstances and with the specific approval of the dean, a person may be admitted to the Master of Education course on a provisional basis to complete qualifying units. The conditions which must be satisfied to meet the qualifying requirement must be detailed in writing by the course coordinator for the dean's approval.

- (i) A candidate so admitted shall be required to complete any 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 may 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.

- (iv) A provisional candidate who fails to achieve a credit level in any qualifying unit(s) or a pass level in any coursework units or fails to make satisfactory progress shall have their candidature terminated or be required to show cause to the Faculty Research Committee through the coordinator of the relevant area of interest as to why their candidature should not be terminated.
- (v) A candidate whose provisional candidature is terminated may, after a period of two years, be permitted to apply for re-enrolment as a provisional candidate.

Procedure for Enrolment

- (i) Before submitting an application for enrolment, a potential candidate shall consult the coordinator of the relevant area of interest of the Master of Education course concerning eligibility and special interests.
- (ii) A person seeking admission to the Master of Education course shall apply on the appropriate 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 particular areas of interest. 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, an application will be forwarded for consideration by the course coordinator who may require the applicant to attend an interview.
- (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 Structure

Candidates are required to obtain a total of 96 credit points from studies in coursework units and/or from research studies.

¹ Please note that not all electives are available by external study.

There are two compulsory units (24 credit points) which must be taken by all students, preferably in the early stages of their course:

EDN611 Understanding Educational Research
Plus the designated core unit from the chosen area of interest

EDN611 Understanding Educational Research may not have to be completed by students who have completed equivalent studies either at QUT or other approved universities. Instead they would be required to complete an additional unit from any one of the areas of interest in the Master of Education course.

In addition, students must complete at least three units (36 credit points) from one of the areas of interest or, for those students planning to undertake a dissertation, two units from one of the areas of interest and EDN612. Those students who do not wish to have their transcript endorsed with their chosen area of interest will only be required to take at least three units from their chosen area of interest including the core unit. Areas of interest are:

- Adult & Workplace Education
- Behaviour Management
- Career Guidance
- Early Childhood Education
- Higher Education
- Language & Literacy Education
- Leadership & Management
- Learning Support & Inclusive Education
- Mathematics Education
- Physical and Health Education
- Professional Growth & Curriculum Leadership
- School Guidance & Counselling
- Science Education
- Social & Environmental Education
- Technology Education

The remaining 36 credit points may be obtained in a variety of ways as indicated by the following four pathway options:

- Option 1:** students undertake the 36 credit point dissertation (having done EDN612), or
- Option 2:** students undertake one unit from across the areas of interest and a 24 credit point project, or
- Option 3:** students undertake two units from across the areas of interest and a 12 credit point independent study, or
- Option 4:** students undertake three units from across the Areas of Interest.

It should be noted that not all areas of interest will be available through external study in the first instance. The diagram may help to clarify the various options available.

Students completing a Graduate Certificate in Education are advised to contact the course coordinator for advice on unit selection.

Core Units

EDN611 Understanding Educational Research
Plus the core unit indicated from the chosen area of interest

Individually Supervised Units

Students enrolling in EDN603, EDN608 and EDN620 must speak to the course coordinator before enrolling.

EDN620 Dissertation 36 credit points (3 stages)

EDN620/1 Dissertation (Stage 1)

EDN620/2 Dissertation (Stage 2)

EDN620/3 Dissertation (Stage 3)

EDN608 Project 24 credit points (2 stages)

EDN608/1 Project (Stage 1)

EDN608/2 Project (Stage 2)

EDN603 Independent Study

EDN602 Advanced Seminars

EDN612 Conducting Educational Research

Area of Interest Units

LIST A: Adult and Workplace Education (ADW)

PRN611 Adult & Workplace Education: Principles & Practices (core)

PRN612 Legal Risk Management & Workplace Education

PRN613 Strategic Workplace Education & the Learning Organisation

CLN611 Adult & Workplace Literacy & Numeracy

LEN608 Foundations of Adult Learning & Development

LIST B: Behaviour Management (BEM)

CLN632 Youth Focussed Behaviour Management & Schools

LEN611 Educational Intervention for Challenging Behaviour in the Classroom

LEN612 Behaviour Management: Programs & Planning

PRN635 Issues in Classroom Management (core)

LIST C: Career Guidance (CAG)

LEN604 Psychoeducational Assessment

LEN607 Career Development Programs (Core)

LEN609 Career Theory

LEN610 Career Counselling

List D: Early Childhood Education (ECE)

EAN608 Constructions of Childhood & Early Education (Core)

EAN601 Early Childhood Teachers Knowledge in Action

EAN602 Leading Early Childhood Services & Policies for Future Generations

EAN603 Development in Early Childhood Contexts

EAN604 Young Children, Families & Community

EAN609 Educating Young Children with Special Needs in Early Childhood Settings

MASTER OF EDUCATION COURSE

COMPULSORY COMPONENT	Unit code and title	Credit Points
<ul style="list-style-type: none"> Course core unit Core unit from chosen area of interest Two area of interest units 	EDN611 Understanding Educational Research	12
AND	Refer to your specific area of interest	12
<ul style="list-style-type: none"> either a third area of interest unit* OR EDN612 for those taking Option 1 below 	Refer to your specific area of interest	24
ALTERNATE PATHWAYS		
Option 1 <ul style="list-style-type: none"> 36 credit point dissertation 	EDN620 Dissertation (3 stages)	36
OR		
Option 2 <ul style="list-style-type: none"> One unit from any area of interest 24 credit point project 	Refer to lists on the following pages	12
OR	EDN608 Project (2 stages)	24
Option 3 <ul style="list-style-type: none"> Two units from any area of interest 12 credit point independent study 	Refer to lists on the following pages	24
OR	EDN603 Independent Study	12
Option 4 <ul style="list-style-type: none"> Three units from any area of interest 	Refer to lists on the following pages	36

* Students not wishing to have their transcript endorsed with their area of interest may choose this unit from any area of interest.

List E: Higher Education (HIG)

- LEN613 Learning, Teaching & Supervision
MDN619 Technologically Supported Teaching & Learning Environments
PRN636 Higher Education: Curriculum Design, Development & Evaluation
PRN637 Higher Education: Responding to Emerging Issues, Changing Contexts & New Policies

List F: Language and Literacy Education (LLE)

- CLN609 Language, Literacies & Learning (core)
CLN611 Adult & Workplace Literacy & Numeracy
CLN623 Investigating Language & Literacy Teaching & Learning
CLN624 Literacy/ESL Programming & Assessment
CLN625 New Literacies & Technologies

List G: Leadership and Management (LEM)

- PRN606 Changing Agendas in Leadership (core)
PRN608 Organisational Cultures & Education Leadership
PRN633 Leading & Managing People
PRN634 Policy Development & Analysis
PRN647 Leadership for Change
PRN648 Current Issues in Leadership

List H: Learning Support and Inclusive Education (LSI)

- LEN605 Learners with Special Needs: Programming for Inclusive Education (core)

- LEN606 Teaching Students with Learning Difficulties/Disabilities
CLN631 Policies & Practices for Inclusive Education
EAN607 Consultation & Teamwork
LEN611 Educational Intervention for Challenging Behaviour in the Classroom

List I: Mathematics Education (MAE)

- MDN624 Contemporary Mathematics Curriculum: Context & Challenge (core)
MDN625 Exploring Students' Mathematical Reasoning
MDN626 Pedagogy in Mathematics Education
MDN627 Student Assessment in Mathematics
MDN636 Understanding Concepts in Mathematics & Science

List J: Physical and Health Education (PHE)

Note: Two more new units to be introduced in 2002.

- HMN201 Developing Teaching & Learning Initiatives for the Health & Physical Education Key Learning Areas (core)
HMN202 Developing & Assessing Higher Order Thinking Skills in School Physical Education
HMN205 Health Education Curriculum Across the School Years
HMN206 Designing Physical Activity Experiences for Specific Populations

LIST K: Professional Growth and Curriculum Leadership (PGC)

LEN613	Learning, Teaching & Supervision
PRN601	Curriculum Inquiry & Research (core)
PRN602	Professional Growth & Development
PRN603	Leading Change in Contemporary Professional Practice
PRN605	Flexible Delivery: Pedagogical Issues & Imperatives

LIST L: School Guidance and Counselling (SGC)

LEN602	Advanced Educational Counselling (core)
LEN603	Educational Counselling Professional Practice
LEN604	Psychoeducational Assessment
LEN607	Career Development Programs

The School Guidance and Counselling area of interest within the Master of Education is accepted by both the Queensland Department of Education and the Brisbane Catholic Education Centre as a suitable formal employment qualification for School Counsellor and Guidance Officer positions. Graduates from this program are recognised by the Queensland Guidance and Counselling Association, and together with experience requirements it enables them to be eligible for full membership of this professional body.

LIST M: Science Education (SCE)

MDN628	Contemporary Science Curriculum: Context & Challenge (core)
MDN629	Development of Students' Scientific Reasoning Skills
MDN630	Learning & Teaching in Contemporary Science Classrooms
MDN636	Understanding Concepts in Mathematics & Science

LIST N: Social and Environmental Education (SEE)

CLN633	Socio-cultural Contexts of Civics & Citizenship Education
PRN616	Critical Approaches in Social & Environmental Education (core)
PRN617	Environmental Education & Interpretation
PRN618	Issues in SOSE (Studies of Society & Environment)
PRN619	Issues in Environment Education & Interpretation
PRN620	Civics & Citizenship Education - Issues of Curriculum & Pedagogy

LIST O: Technology Education (TEE)

MDN619	Technologically Supported Teaching & Learning Environments
MDN633	Curriculum Studies in Technology Education (core)
MDN623	Communications Technology in Education
MDN632	Databases in an Educational Context
PRN605	Flexible Delivery: Pedagogical Issues & 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 Computer Education or recent experience should be sufficient. The units MDN623 and MDN619 require good Internet access. The unit MDN633 is a prerequisite for MDN623.

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 have the opportunity to explore and 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 any 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. Satisfactory progress for provisional candidates will consist of passing of qualifying requirements or course units at appropriate exit levels. 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 Coordination 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 the 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 (preferably spiral bound) 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 their 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 student.

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 (subject to approval)*

- (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 background (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 of 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 example, 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.

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. When both examiners recommend a pass but the 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.

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: 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, Faculty Research Committee will refer the matter to the Examination Sub-committee of the Faculty Research Committee which has been established to make recommendations on areas of dispute between examiners. The Chairperson, Faculty Research Committee will then make formal recommendation to the Faculty Academic Board. The Faculty Academic Board may confer and seek further advice from the Faculty Research Committee before making a ruling. The Faculty Academic Board may then (i) not award the degree, or (ii) accept a majority recommendation with or without the advice of a further external examiner.

Fail by 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.
- (g) 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.

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 Research 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.

■ Master of Education (Research) (ED12)

Location: Kelvin Grove campus

Course Duration: 1 year full-time, 2 years part-time

Total Credit Points: 96

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Professor Lyn English

Entry Requirements

A person may enrol as a candidate for the degree of Master of Education by research if that person holds:

- (i) 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
- (ii) 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 demonstrated potential for further study and evidence of professional standing, or
- (iii) an honours degree in an education-related field with a minimum of Honours 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.

Applicants may be required to provide satisfactory formal evidence of proficiency in the English language.

□ *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.

□ *Procedure for Enrolment*

Before submitting an application form to enter the course, a candidate should make contact with staff members who might act as supervisors 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 the course are to attend such seminars to present their own work and to discuss and evaluate the work of their peers. Academic staff who are supervising research students are also expected to attend seminars on a regular basis.

Course 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; trialling 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 for 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.

□ *Transfer of Credit*

- (i) On the recommendation of the course coordinator, the Dean may grant credit for studies passed at an approved institution of higher education, provided that:
 - (a) the studies are of equivalent standard and value to those offered at the University
 - (b) the studies are appropriate to the candidate's work at the University
 - (c) the studies have not counted towards a previous qualification
 - (d) the studies are not included in those that have been designated as qualifying studies for the course.
- (ii) There shall be no maximum credit granted for units previously completed at this institution prior to enrolment in the Master of Education (Research) award.
- (iii) The maximum credit granted for studies passed elsewhere shall be the equivalent to one semester of full-time study.

- (iv) Credit may be granted for units passed elsewhere after enrolment in the Master of Education (Research) award, provided that the candidate has previously obtained the permission of the Dean to enrol in these units.
- (v) Where credit is granted the Dean may reduce proportionately the candidate's period of enrolment.
- (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, Directors of Research Centres or Concentrations and with the course coordinator.
- (vi) The course coordinator, after agreement with the relevant Head of School(s) recommends the names of supervisors for specific students to the HDAC 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 Management 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 RMC. 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

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 a 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 a recommendation by them to the Higher Degrees Advisory Committee that the candidate be excluded from the course.
- (iii) Before the Higher Degrees Advisory Committee recommends exclusion, the student will apply to the Higher Degrees Advisory 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 of a thesis 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 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 Higher Degrees Advisory 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 Higher Degrees Advisory 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 Higher Degrees Advisory 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, Higher Degrees Advisory Committee, attaching a formal recommendation. The HDAC makes formal recommendation to the Faculty Academic Board. The Faculty Academic Board will indicate acceptance or otherwise of the recommendation.

- (vii) If a recommendation of type (a) is accepted, the Faculty Academic Board will ask the course coordinator to make the examiners requirements available to the candidate while maintaining the anonymity of the examiners. The course coordinator will sign an official record indicating satisfaction of all thesis requirements that all required changes have been completed satisfactorily.

- (viii) If a recommendation of type (b) is accepted, the Faculty Academic Board will ask the course coordinator to ensure that the candidate is requested to resubmit the thesis with any necessary corrections or modifications. The revised thesis is forwarded to the examiners for assessment.

- (ix) If a recommendation of type (c) is accepted, the normal implication is that the candidate will be excluded from the course. However, in exceptional circumstances the Higher Degrees Advisory 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, Higher Degrees Advisory Committee, will refer the matter to the Examination Sub-Committee of the Higher Degrees Advisory Committee which makes recommendations on areas of dispute between examiners. This person would be appointed after consultation between

supervisors and the course coordinator. The Higher Degrees Advisory Committee will then make recommendation to the Faculty Academic Board. The Faculty Board may then (i) not recommend awarding 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 made available to the candidate on request. The names of examiners will be released on request providing each examiner has indicated willingness to have his or her identity revealed to the candidate.

■ Master of Education – Teaching English to Speakers of Other Languages (TESOL) (ED14)

Location: Kelvin Grove campus

Course Duration: 1 year full-time, 2 years part-time

Total Credit Points: 96

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Associate Professor Penny McKay

Entry Requirements

Candidates will be admitted to the course who:

- (i) hold an appropriate bachelor degree or equivalent at a standard acceptable to the Dean of the Faculty, or
- (ii) hold other qualifications acceptable to the dean which may include substantial work experience in TESOL or involvement in other relevant professional or research activities, and

have had at least one years practical experience in some branch of education acceptable to the dean.

Applicants who are non-native speakers of English must undertake and present the results of an English test approved by the University and obtained within twelve months prior to application.

□ Graduate Certificate in Education (TESOL) – Exit Point

Following the successful completion of four MEd(TESOL) units (including two core units and two electives), students may elect either to discontinue enrolment and graduate with a

GradCertEd(TESOL), or to pursue a further four units in order to complete the MEd(TESOL). Students wishing to exercise this option should contact the faculty office for information on how to proceed.

□ Provisional Enrolment

Students who do not meet the entry requirements may be admitted on a provisional basis and be required to undertake preliminary coursework and reading as determined by the course coordinator. After satisfactory completion of the preliminary studies students may be admitted to full candidature.

Full-time Course Structure

Year 1, Semester 1

CLN608	Second Language Acquisition
CLN612	Principles of Second Language Methodology
	Elective unit
	Elective unit

Year 1, Semester 2

CLN608	Second Language Acquisition
CLN612	Principles of Second Language Methodology
	Elective unit

Part-time Course Structure

Year 1, Semester 1

CLN608	Second Language Acquisition
CLN612	Principles of Second Language Methodology

Year 1, Semester 2

	Elective unit
	Elective unit

Year 2, Semester 1

	Elective unit
	Elective unit

Year 2, Semester 2

	Elective unit
	Elective unit

Elective List

Students in the MEd(TESOL) may, with the approval of the course coordinator, enrol in a maximum of two units offered within the Faculty of Education or within other faculties of QUT. These units may be taken in lieu of electives within the MEd(TESOL).

CLN613	Second Language Curriculum Design Options
CLN614	Research Methods in Second Language Education
CLN615	Directed Reading in Second Language Education
CLN616	Language Assessment & Program Evaluation in TESOL

**MASTER OF TEACHING (EARLY CHILDHOOD) (ED17)
COURSE STRUCTURE (NOT OFFERED 2001)**

STRAND	YEAR 1		YEAR 2		TOTAL
	Semester 1	Semester 2	Semester 1	Semester 2	
EDUCATION STUDIES	Learners & Teachers in Context (24) (1 week field experience)	Issues in Current Professional Practice (12) (1 week field experience)	Change, Evaluation and Accountability in Educational Contexts (12) (1 week field experience)	Professional Teaming, Case & Project Implementation (24) (1 week field experience)	72
PROFESSIONAL PRACTICE	Professional Practice 1: Learners & Teachers in Context (12) (3 weeks)	Professional Practice 2: Classroom Management & Introduction to Professional Practice (12) (5 weeks)	Professional Practice 3: Change, Difference & Inclusivity (12) (4 weeks)	Professional Practice 4: Curriculum Decision Making & Curriculum Leadership (12) (4 weeks) Professional Internship & Mini-Conference (12) (6 weeks)	60
CURRICULUM STUDIES	Teaching Studies (12)	Early Childhood Language & Literacy Curriculum (12) Early Childhood Mathematics, Science & Technology Curriculum (12)	Advanced Literacy & Numeracy in Early Childhood (12) Early Childhood Curriculum Priorities (12)		60
TOTAL	48	48	48	48	192

CLN617 Personalised Language Development
 CLN618 Technology & Second Language Learning
 CLN619 Functional Grammar & Discourse
 CLN620 Language & Culture
 EDN608/1 Project (Stage 1)
 EDN608/2 Project (Stage 2)
 EDN603 Independent Study

Guidelines for a Project

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

Progression and Unsatisfactory Progress

Refer to Master of Education (ED13) entry.

■ Master of Teaching (Early Childhood) (ED17)*

■ Master of Teaching (Primary) (ED18)

■ Master of Teaching (Secondary) (ED19)

* Not offered in 2001.

Location: Kelvin Grove campus

Course Duration: 2 years full-time

Total Credit Points: 192

Course Coordinator: Dr Ian Macpherson

Associate Course Coordinator: Dr Annah Healy

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 (eg. LOTE, Primary LOTE, Drama, Dance, Music, Visual Arts).

Course Structure

EARLY CHILDHOOD – ED17 (not offered in 2001)

Year 1, Semester 1

LEN614 Learners & Teachers in Context
 PRN638 Professional Practice 1: Learners & Teachers in Context
 PRN642 Teaching Studies

Year 1, Semester 2

EAN610 Early Childhood Language & Literacy Curriculum
 EAN611 Early Childhood Mathematics, Science & Technology Curriculum
 PRN639 Professional Practice 2: Classroom Management & Introduction to Professional Practice
 PRN646 Issues in Current Professional Practice

Year 2, Semester 1

EAN612 Advanced Literacy & Numeracy in Early Childhood
 EAN613 Early Childhood Curriculum Priorities
 PRN640 Professional Practice 3: Change, Difference & Inclusivity
 PRN649 Change, Evaluation & Accountability in Educational Contexts

Year 2, Semester 2

PRN641 Professional Practice 4: Curriculum Decision Making & Curriculum Leadership
 PRN643 Professional Teaming, Case & Project Implementation
 PRN644 Professional Internship & Mini Conference

PRIMARY – ED18

Year 1, Semester 1

LEN614 Learners & Teachers in Context
 PRN638 Professional Practice 1: Learners & Teachers in Context
 PRN642 Teaching Studies

Year 1, Semester 2

PRN639 Professional Practice 2: Classroom Management & Introduction to Professional Practice
 CLN626 Primary Language & Literacy Curriculum
 MDN634 Primary Mathematics, Science & Technology Curriculum
 PRN646 Issues in Current Professional Practice

Year 2, Semester 1

PRN640 Professional Practice 3: Change, Difference & Inclusivity
 PRN645 Interdisciplinary Primary Curriculum Studies
 PRN649 Change, Evaluation & Accountability in Educational Contexts
 CLB413 Programming & Assessment in Language & Mathematics

MASTER OF TEACHING (PRIMARY) (ED18)

COURSE STRUCTURE

STRAND	YEAR 1		YEAR 2		TOTAL
	Semester 1	Semester 2	Semester 1	Semester 2	
EDUCATION STUDIES	Learners & Teachers in Context (24) (1 week field experience)	Issues in Current Professional Practice (12) (1 week field experience)	Change, Evaluation & Accountability in Educational Contexts (12) (1 week field experience)	Professional Teaching, Case & Project Implementation (24) (1 week field experience)	72
PROFESSIONAL PRACTICE	Professional Practice 1: Learners & Teachers in Context (12) (3 weeks)	Professional Practice 2: Classroom Management & Introduction to Professional Practice (12) (5 weeks)	Professional Practice 3: Change, Difference & Inclusivity (12) (4 weeks)	Professional Practice 4: Curriculum Decision Making & Curriculum Leadership (12) (4 weeks) Professional Internship & Mini-Conference (12) (6 weeks)	60
CURRICULUM STUDIES	Teaching Studies (12)	Primary Language & Literacy Curriculum (12) Primary Mathematics, Science & Technology Curriculum (12)	Interdisciplinary Primary Curriculum Studies (12) Programming & Assessment in Language & Mathematics (12)		60
TOTAL	48	48	48	48	192

MASTER OF TEACHING (SECONDARY) (ED19)

COURSE STRUCTURE

STRAND	YEAR 1		YEAR 2		TOTAL
	Semester 1	Semester 2	Semester 1	Semester 2	
EDUCATION STUDIES	Learners & Teachers in Context (24) (1 week field experience)	Issues in Current Professional Practice (12) (1 week field experience)	Change, Evaluation & Accountability in Educational Contexts (12) (1 week field experience)	Professional Teaching, Case & Project Implementation (24) (1 week field experience)	72
PROFESSIONAL PRACTICE	Professional Practice 1: Learners & Teachers in Context (12) (3 weeks)	Professional Practice 2: Classroom Management & Introduction to Professional Practice (12) (5 weeks)	Professional Practice 3: Change, Difference & Inclusivity (12) (4 weeks)	Professional Practice 4: Curriculum Decision Making & Curriculum Leadership (12) (4 weeks) Professional Internship & Mini-Conference (12) (6 weeks)	60
CURRICULUM STUDIES	Teaching Studies (12)	Curriculum Studies 1X (12) Curriculum Studies 1Y (12)	Curriculum Studies 2X (12) Curriculum Studies 2Y (12)		60
TOTAL	48	48	48	48	192

Year 2, Semester 2

- PRN643 Professional Teaming, Case & Project Implementation
PRN641 Professional Practice 4: Curriculum Decision Making & Curriculum Leadership
PRN644 Professional Internship & Mini Conference

SECONDARY – ED19

Year 1, Semester 1

- LEN614 Learners & Teachers in Context
PRN638 Professional Practice 1: Learners & Teachers in Context
PRN642 Teaching Studies

Year 1, Semester 2

- PRN639 Professional Practice 2: Classroom
PRN646 Issues in Current Professional Practice Management & Introduction to Professional Practice
Curriculum Studies 1X (List 1)
Curriculum Studies 1Y (List 1)

Year 2, Semester 1

- PRN649 Change, Evaluation & Accountability in Educational Contexts
PRN640 Professional Practice 3: Change, Difference & Inclusivity
Curriculum Studies 2X (List 2)
Curriculum Studies 2Y (List 2)

Year 2, Semester 2

- PRN643 Professional Teaming, Case & Project Implementation
PRN641 Professional Practice 4: Curriculum Decision Making & Curriculum Leadership
PRN644 Professional Internship & Mini Conference

List 1: Curriculum Studies 1

- PRB355 Accounting/Business Management Curriculum - Studies 1
AAB412 Art Curriculum Studies 1
MDB325 Biology Curriculum Studies 1
PRB357 Business Communication Technologies & Curriculum Studies 1
MDB327 Chemistry Curriculum Studies 1
MDB329 Computing Curriculum Studies 1
AAB421 Dance Curriculum Studies 1
AAB414 Drama Curriculum Studies 1
MDB331 Earth Science Curriculum Studies 1
PRB359 Economics Curriculum Studies 1
CLB325 English Curriculum Studies 1
CLB447 English as a Second Language Curriculum Studies 1
CLB327 Film & Media Curriculum Studies 1
PRB361 Geography Curriculum Studies 1
HMB390 Health Education Curriculum Studies 1
PRB363 History Curriculum Studies 1
PUB312 Home Economics Curriculum Studies 1
PRB365 Legal Studies Curriculum Studies 1
CLB329 LOTE Curriculum Studies 1
MDB333 Mathematics Curriculum Studies 1
AAP423 Music Curriculum Studies 1
AAP434 Music Curriculum Studies 1A
HMB310 Physical Education Curriculum Studies 1A
MDB335 Physics Curriculum Studies 1
CLB449 Primary LOTE Curriculum Studies 1

- MDB337 Science Curriculum Studies 1
PRB367 Social Science Curriculum Studies 1

List 2: Curriculum Studies 2

- PRB356 Accounting/Business Management Curriculum - Studies 2
AAB413 Art Curriculum Studies 2
MDB326 Biology Curriculum Studies 2
PRB358 Business Communication Technologies & Curriculum Studies 2
MDB328 Chemistry Curriculum Studies 2
MDB330 Computing Curriculum Studies 2
AAB429 Dance Curriculum Studies 2
AAB415 Drama Curriculum Studies 2
MDB332 Earth Science Curriculum Studies 2
PRB360 Economics Curriculum Studies 2
CLB326 English Curriculum Studies 2
CLB448 English as a Second Language Curriculum Studies 2
CLB328 Film & Media Curriculum Studies 2
PRB362 Geography Curriculum Studies 2
HMB395 Health Education Curriculum Studies 2
PRB364 History Curriculum Studies 2
PUB322 Home Economics Curriculum Studies 2
PRB366 Legal Studies Curriculum Studies 2
CLB330 LOTE Curriculum Studies 2
MDB339 Mathematics Curriculum Studies 2
AAP431 Music Curriculum Studies 2
AAP433 Music Curriculum Studies 2A
HMB370 Physical Education Curriculum Studies 2A
MDB336 Physics Curriculum Studies 2
CLB450 Primary LOTE Curriculum Studies 2
MDB338 Science Curriculum Studies 2
PRB368 Social Science Curriculum Studies 2

Graduate Diploma in Education (Computer Education) (ED21)

Location: Kelvin Grove campus

Course Duration: 2 years part-time or external

Total Credit Points: 96

Standard Credit Points/Part-time Semester: 24

Course Coordinator: Mr Paul Shield

Entry Requirements

To be eligible for admission, an applicant must possess:

- (i) an appropriate Bachelor degree, Diploma of Teaching or equivalent;
- (ii) at least one year's experience in an educational setting; and
- (iii) suitable computing experience. These experiences might include, at varying levels of proficiency, either singly or in combination – word processing, use of spreadsheets, database work, programming or graphics.

The course contains practical components, therefore students will be required to satisfy the coordinator

GRADUATE DIPLOMA IN EDUCATION (COMPUTER EDUCATION) (ED21)

SEQUENCES OF STUDY OPTIONS

MODE	YEAR 1		YEAR 2	
	Semester 1	Semester 2	Semester 1	Semester 2
Secondary Computer Studies	MDP532 Computer Systems in an Educational Context MDP537 Major Issues in Computer Education	MDP503 Information Systems in Education MDP535 Educational Software Development	MDP533 Teaching Information System Modelling MDP507 Teaching Secondary Computer Studies	MDP506 Computer Education Project MDP534 Educational Applications of Artificial Intelligence
Secondary General	MDP530 Computer Applications in Education MDP537 Major Issues in Computer Education	MDP503 Information Systems in Education MDP531 Investigations into Computer Aided Learning	MDP532 Computer Systems in an Educational Context MDP536 Computer Graphics in Teaching	MDP506 Computer Education Project MDP504 School Administration Using Information Technologies MDP538 Computers in the Secondary Curriculum
Primary	MDP530 Computer Applications in Education MDP537 Major Issues in Computer Education	MDP503 Information Systems in Education MDP508 Computer Use in the Primary Curriculum	MDP532 Computer Systems in an Educational Context MDP536 Computer Graphics in Teaching	MDP506 Computer Education Project MDP504 School Administration Using Information Technologies MDP531 Investigations into Computer Aided Learning
TAFE	MDP532 Computer Systems in an Educational Context MDP530 Computer Applications in Education	MDP503 Information Systems in Education MDP535 Educational Software Development	MDP537 Major Issues in Computer Education AND EITHER MDP536 Computer Graphics in Teaching OR MDP533 Teaching Information System Modelling	MDP506 Computer Education Project MDP531 Investigations into Computer Aided Learning

that they have suitable and sufficient access to computer hardware and software. Internet access may be required for some units.

Course Structure (see page 25)

To meet course requirements, students must complete four core units and four elective units. Elective units may be chosen from either List A or List B.

The following units are scheduled in Semester 1

- MDP532 Computer Systems in an Educational Context (core)
MDP537 Major Issues in Computer Education (core)

List A: Elective Units

- MDP507 Teaching Secondary Computer Studies
MDP530 Computer Applications in Education
MDP533 Teaching Information Systems Modelling
MDP536 Computer Graphics in Teaching

The following units are scheduled in Semester 2

- MDP503 Information Systems in Education (core)
MDP506 Computer Education Project (core)

Note: Four units must be completed at a grade of 4 or above before MDP506 can be undertaken.

List B: Elective Units (2 to be chosen)

- MDP504 School Administration using Information Technologies
MDP508 Computer Use in the Primary Curriculum
MDP531 Investigations into Computer Aided Learning
MDP534 Educational Applications of Artificial Intelligence
MDP535 Educational Software Development
MDP538 Computers in the Secondary Curriculum

Some possible sequences of study are given below. Other sequences are possible within the prerequisite structure of the course.

It is suggested that those 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.

■ Graduate Diploma in Education (Early Childhood) (ED20)

Location: Kelvin Grove campus

Course Duration: 2 years external

Total Credit Points: 96

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr Ann Farrell

Entry Requirements

To be eligible for admission, an applicant must hold the following:

- (i) an appropriate degree, diploma or equivalent, and
- (ii) at least one years teaching experience, and
- (iii) current teacher registration (where applicable*).

* 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
EAP534/1 Curriculum in Early Childhood 1

Year 1, Semester 2

- EAP534/2 Curriculum in Early Childhood 1
EAP535 Curriculum in Early Childhood 2 (Corequisite EAP534)
EDP508 Practicum in Early Childhood 1²

Summer Program

- EDP508 Practicum in Early Childhood 1²

Year 2, Semester 1

- EAP536 Curriculum in Early Childhood 3 (Prerequisites: EAP534/EAP545)
One elective unit to be selected from those listed below.

² EDP508 Practicum in Early Childhood 1 and EDP509 Practicum in Early Childhood 2 are offered in second semester or summer program.

Year 2, Semester 2

EDP509 Practicum in Early Childhood 2 (Prereq: EDP508)²
Two elective units to be selected from those listed below.

Summer Program

EDP509 Practicum in Early Childhood 2 (Prereq: EDP508)²

Elective Units

A total of three elective units are to be completed from the list below. Some units may be available in an optional summer program for students who wish to accelerate their progression in the course. Please refer to the Course Summary Sheet for the semester of offering.

EAB324 Integrating Young Children with Special Needs into Early Childhood programs
EAB413 Management of Early Childhood Services
EAP537 Contexts of Early Childhood Education
EAP538 Research in Early Childhood
EAB410 Early Education: Deciding the Curriculum
EAB440 Working with Parents & Community
EAP539 Transactions in Early Childhood Education

■ Graduate Diploma in Education (Educational Management) (ED23)

Location: Kelvin Grove campus (some units may be provided at Gardens Point campus)

Course Duration: 2 years part-time/external

Total Credit Points: 96

Standard Credit Points/Part-time Semester: 24

Course Coordinator: Dr Neil Cranston

Entry Requirements

To be eligible an applicant must have:

- (i) an appropriate teaching or other relevant qualification at diploma, degree or graduate diploma level from a tertiary institution; and
- (ii) at least one years experience in an educational setting.

Course Structure

Year 1, Semester 1

PRP503 Policies & Practices in Educational Management

One unit to be selected from:

PRP506 Managing the Curriculum
MGN409 Introduction to Management

Year 1, Semester 2

PRP504 Educational Services Management

One unit to be selected from:

BSB110 Accounting
PRP502 Financial Management in Education Settings

Year 2, Semester 1

PRP505 Human Resource Management in Education
Elective unit selected from Lists A – C

Year 2, Semester 2

EDP514 Field Project
Elective unit selected from Lists A – C
OR
EDP516 Extended Field Project³

Elective Units

Note: Only one List B elective unit can be chosen for entire course.

Semester 1

List A: Educational Management Elective Units (Faculty of Education)

EDB440 Independent Study⁴
LEB480 Research Methods in Education
PRB417 Educators & the Law

List B: Business Elective Units (Faculty of Business)

BSB116 Marketing & International Business
MGB323 Small Business Management
MGN412 People in Organisations
MGB303 Entrepreneurship

Semester 2

List A: Educational Management Elective Units (Faculty of Education)

EAB440 Working with Parents & Community
EAP539 Transactions in Early Childhood
EDB440 Independent Study⁴
PRB417 Educators & the Law

Summer Program

LEB480 Research Methods in Education

List B: Business Elective Units (Faculty of Business)

BSB116 Marketing & International Business
MGN410 Labour Management Relations (Gardens Point)

List C: Other Elective Unit

One unit may be chosen from across the University. Options must be negotiated with the course coordinator prior to enrolling in the unit.

² EDP508 Practicum in Early Childhood 1 and EDP509 Practicum in Early Childhood 2 are offered in second semester or summer program.

³ Students wishing to complete an Extended Field Project (24 credit points) must negotiate with the course coordinator prior to enrolment.

⁴ The unit EDB440 Independent Study may be taken once only. An Independent Study Guide and application are available from the Faculty of Education Office.

■ Graduate Diploma in Education (Learning Support) (ED28)

Location: Kelvin Grove campus

Course Duration: 1 year full-time/external, 2 years part-time/external

Total Credit Points: 96

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr Suzanne Carrington

Entry Requirements

To be eligible for admission, an applicant must:

- (i) possess an appropriate university degree or Diploma of Teaching or equivalent, and
- (ii) provide contact details of two professional referees.

Full-time/External Course Structure (Units are offered in external mode only)

Year 1, Semester 1

LEB480	Research Methods in Education
LEP523	Learners with Special Needs
LEP525	Programming for students with Learning Difficulties/Disabilities
PRP501	Curriculum: Learners with Special Needs

Year 1, Semester 2

CLP501	Socio-cultural Issues in Education
LEP524	Consultation & Communication
LEP526	Literacy & Learning
MDP529	Diagnostic Assessment & Remedial Intervention in Mathematics

Part-time/External Course Structure

While all units are to be offered each year, students studying in the part-time/external modes are advised to enrol in the two-year cycle shown below if seeking to complete the course in minimum time. Those not pursuing course completion in minimum time may choose appropriate units as available.

Year 1, Semester 1

LEP523	Learners with Special Needs
PRP501	Curriculum: learners with Special Needs

Year 1, Semester 2

LEP524	Consultation & Communication
LEP526	Literacy & Learning

Year 2, Semester 1

LEB480	Research Methods in Education
LEP525	Programming for Students with Learning Difficulties/Disabilities

Year 2, Semester 2

CLP501	Socio-cultural Issues in Education
MDP529	Diagnostic Assessment & Remedial Intervention in Mathematics

■ Graduate Diploma in Education (Teacher-Librarianship) (ED25)

Location: Kelvin Grove campus

Course Duration: 1 year full-time external; 2 years part-time or external

Total Credit Points: 96

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr Kerry Mallan

Entry Requirements

To be eligible for admission, an applicant must:

- (i) hold an appropriate degree, diploma or equivalent qualification, including an approved teaching qualification
- (ii) have a minimum of one year of teaching experience.

Students will require 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.

Contact Hours/Mode

This course is offered by external study.

Special Course Requirements

To meet course requirements students must complete satisfactorily five compulsory core units (60 credit points) and elective units equivalent to a total of 36 credit points.

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

Elective Units

CLP507	Australian Literature for Young People
CLP509	Directed Study
CLP515	Resource Services for Special Needs
CLP518	Visual Literacy & Resource Design
CLP532	Bibliographic Organisation
CLP534	Contemporary Publishing: Trends & Practices

Notes:

- Some units may be available in an optional summer program to enable students to accelerate progression in their course. Please refer to the Course Summary Sheet for details.

- Students may select up to 24 credit points of elective units from the Graduate Diploma in Library Science and from other University courses approved by the course coordinator.

■ Graduate Certificate in Education (ED61)

Location: Kelvin Grove and Gardens Point campuses

Course Duration: 1 year part-time internal or external

Total Credit Points: 48

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr Ian Ginns

Course Structure

The Graduate Certificate in Education course consists of 48 credit points of units (usually four 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 course can be presented in standard, modularised and block form. Modules are designed to be attractive to teachers, students and regions as inservice activities.

□ *Adult and Organisational Learning*

Entry Requirements: Refer to Bachelor of Education (Inservice) (ED26)

- PRB309 Instructional Strategies in Adult & Workplace Education
- PRB302 Adult Education in the Workplace & the Community
- PRB307 Orientation to Adult & Workplace Education
- PRB308 The Group in Adult & Workplace Education

□ *Adult and Workplace Education*

Entry Requirements: Refer to Master of Education (ED13)

- EDN603 Independent Study
- LEN608 Foundations of Adult Learning & Development
- PRB302 Adult Education in the Workplace & Community
- PRN613 Strategic Workplace Education & the Learning Organisation

□ *Behaviour Management*

Entry Requirements: Refer to Master of Education (ED13)

- CLN632 Youth Focussed Behaviour Management & Schools
- LEN611 Educational Intervention for Challenging Behaviour in the Classroom
- LEN612 Behaviour Management: Programs & Planning
- PRN635 Issues in Classroom Management

□ *Career Guidance*

Entry Requirements: Refer to Master of Education (ED13)

- LEB441 Educational Counselling

- LEN602 Advanced Educational Counselling
- LEN607 Career Development Programs
- LEN609 Career Theory
- LEN610 Career Counselling

Note: Students who have completed LEB441 in previous studies will complete LEN602.

□ *Computers in the Classroom*

Entry Requirements: Refer to Graduate Diploma in Education (Computer Education) (ED21)

- MDP506 Computer Education Project
- MDP508 Computer Use in the Primary Curriculum
- MDP530 Computer Applications in Education (core)
- MDP531 Investigations into Computer-aided Learning
- MDP536 Computer Graphics in Teaching
- MDP537 Major Issues in Computer Education (core)
- MDP538 Computers in the Secondary Curriculum

□ *Educational Counselling*

Entry Requirements: Refer to Master of Education

- LEB441 Educational Counselling
- LEN602 Advanced Educational Counselling
- LEN603 Educational Counselling Professional Practice
- LEN607 Career Development Programs

□ *Higher Education*

Entry Requirements: The student must:

- hold at least a first degree in a discipline or professional area
- be currently teaching in higher education
- normally, have no formal preparation or qualification in education.

Academic Staff Development Unit (Gardens Point campus)

- EDP601 The Reflective Practitioner in Higher Education
- EDP602 Flexible Learning & Teaching in Higher Education
- EDP603 Higher Education in Australia: Issues & Contexts
- EDP604 Program Design & Evaluation in Higher Education

□ *Information Literacy*

Entry Requirements: Refer to Graduate Diploma in Education (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: Refer to Master of Education (ED13)

- MDN619 Technologically Supported Teaching & Learning Environments
- MDN623 Communications Technology in Education
- MDN632 Databases in an Educational Context
- MDN633 Curriculum Studies in Technology Education

Students lacking recent experience or study in information technology education are advised to begin their studies with MDN633 which is designed to provide foundation studies. All students must have, as a minimum, access to a reliable electronic mail facility using the Internet to effectively take part in these units.

Leadership and Management

Entry Requirements: Refer to Master of Education (ED13)

PRN606 Changing Agendas in Leadership (core)

One core unit to be selected from:

PRN608 Organisational Cultures & Education Leadership

PRN633 Leading & Managing People

PRN634 Policy Development & Analysis

PRN647 Leadership for Change

PRN648 Current Issues in Leadership

Either:

EDN603 Independent Study
OR

EDN608 Project

Students who undertake the unit EDN603 Independent Study will negotiate an additional 12 credit point unit with the area of interest coordinator. This unit will be at masters level and be consistent with the area of interest objectives.

Learning Leadership

Entry Requirements: Refer to Master of Education (ED13)

This Area of Interest will use modules and/or units from all Areas of Interest in the Graduate Certificate in Education (ED61) course and Master of Education (ED13) course. It may include modules which are not drawn from existing units.

Learning Support

Entry Requirements: Refer to Graduate Diploma in Education (Learning Support) (ED28)

CLP501 Socio-cultural Issues in Education

LEP523 Learners with Special Needs

LEP524 Consultation & Communication

LEP525 Programming for Students with Learning Difficulties/Disabilities

Literacy and Numeracy

Entry Requirements: Refer to Master of Education (ED13)

CLN623 Investigating Language & Literacy Teaching & Learning

CLN624 Literacy/ESL Programming & Assessment

MDN624 Contemporary Mathematics Curriculum: Context & Challenge

MDN627 Student Assessment in Mathematics

CLN611 Adult Workplace Literacy & Numeracy (subject to area of interest coordinator's approval)

Marine Studies

Entry Requirements: Refer to Bachelor of Education (Inservice) (ED26)

MDB395 Marine Studies Curriculum

MDB429 Initiatives in Science Education

EDB440 Independent Study⁴

The remaining 12 credit points will be accumulated from the satisfactory completion of a number of specified vocational qualifications and an associated negotiated assessment module.

Marine Studies (Advanced)

Entry Requirements: Refer to Master of Education (ED13)

MDN630 Learning & Teaching in Contemporary Science Classrooms

MDB395 Marine Studies Curriculum (assessment at Masters level)

EDN603 Independent Study

The remaining 12 credit points will be accumulated from the satisfactory completion of a number of specified vocational qualifications and an associated negotiated assessment module.

Mathematics Education

Entry Requirements: Refer to Bachelor of Education (Inservice) (ED26)

EDB440 Independent Study⁴

EDB442 Integrated Professional Seminars

MDB333 Mathematics Curriculum Studies 1

MDB411 Early Childhood Mathematics Teaching, Learning & Assessment

MDP529 Diagnostic Assessment & Remedial Intervention in Mathematics

Mathematics Education (Advanced)

Entry Requirements: Refer to Master of Education (ED13)

EDN602 Advanced seminars

EDN603 Independent Study

MDN624 Contemporary Mathematics Curriculum: Context & Challenge

MDN625 Exploring Students' Mathematical Reasoning

MDN626 Pedagogy in Mathematics Education

MDN627 Student Assessment in Mathematics

MDN636 Understanding Concepts in Mathematics & Science

Science Education

Entry Requirements: Refer to Master of Education (ED13)

EDN602 Advanced Seminars

EDN603 Independent Study

⁴ The unit EDB440 Independent Study may be taken once only. An Independent Study Guide and application are available from the Faculty of Education Office.

- MDN628 Contemporary Science Curriculum: Context & Challenge
- MDN629 Development of Students' Scientific Reasoning Skills
- MDN630 Learning & Teaching in Contemporary Science Classrooms
- MDN636 Understanding Concepts in Mathematics & Science

■ Graduate Certificate in Education – Teaching English to Speakers of Other Languages (TESOL) (ED77)

Location: Kelvin Grove campus

Course Duration: 1 semester full-time, or 2 semesters part-time

Total Credit Points: 48

Course Coordinator: Associate Professor Penny McKay

Entry Requirements

Refer to Master of Education (TESOL) course.

Course Structure

The Graduate Certificate in Education (TESOL) consists of four units taken from the MEd (TESOL) course. Studies can be undertaken in either the full-time or part-time mode.

Students in the GradCertEd (TESOL) have a choice of units. Students enrol in the two core units:

- CLN608 Second Language Acquisition
- CLN612 Principles of Second Language Methodology

and choose two electives from the following:

- CLN613 Second Language Curriculum Design Options
- CLN614 Research Methods in Second Language Education
- CLN615 Directed Reading in Second Language Education
- CLN616 Language Assessment & Program Evaluation
- CLN617 Personalised Language Development
- CLN618 Technology & Second Language Learning
- CLN619 Functional Grammar & Discourse
- CLN620 Language & Culture
- EDN603 Independent Study

Following completion of four units in the GradCertEd (TESOL) a student may elect to continue studies into the MEd (TESOL).

■ Bachelor of Early Childhood Studies (ED43)

Location: Kelvin Grove campus

Course Duration: 3 years full-time

Total Credit Points: 288

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr John Fanshawe

Associate Course Coordinator: Dr Carmel Diezmann

Entry Requirements

Refer to Bachelor of Education (Early Childhood) course (ED52).

Course Structure

Students complete the first three semesters of the Bachelor of Education (Early Childhood) (ED52) course. During the third semester of the course interested students submit an application to the QUT Admissions Office to move into the Bachelor of Early Childhood Studies (ED43) (BECST) structure. Successful applicants will move into the following structure and exit with a three-year qualification specific to the child care area. The BECST course will provide its graduates with a three-year qualification that will enable them to be employed in the child care sector only. Students will not be eligible for registration as a teacher.

Note: Graduates of the Bachelor of Early Childhood Studies course may apply after one years work experience for entry to a modified fourth year of the Bachelor of Education (Early Childhood) course.

Year 1, Semester 1 (completed in ED52)

- CLB305 Education in Context
- EAB351 Family Studies & Early Childhood Education
- MDB386 Mathematics Foundations
Discipline foundation elective (List 1)

Year 1, Semester 2 (completed in ED52)

- CLB344 Language & Literacy Foundations
- LEB335 Human Development & Education
Discipline Foundation Elective (List 1)
Early Childhood Curriculum Elective (List 3)

Year 2, Semester 1 (completed in ED52)

- EAB442 Early Childhood Foundations 1
- EAB347 Early Childhood Curriculum: Early Mathematics Explorations
- PRB424 Early Childhood Professional Practice: Preschool/Kindergarten
Discipline Foundation Elective (List 1)

Year 2, Semester 2

- EAB345 Early Childhood Curriculum: Language Education
- EAB346 Early Childhood Curriculum: Science/Society & the Environment
- EAB413 Management of Early Childhood Services
- EAB443 Early Childhood Foundations 2

Year 3, Semester 1

- EAB348 Early Childhood Curriculum: Arts
- EAB350 Advanced Early Childhood Curriculum: Literacy & Numeracy in the Early Years
- EAB412 Advanced Integrated Early Childhood Curriculum
- PRB422 Early Childhood Professional Practice: Child Care

BACHELOR OF EARLY CHILDHOOD STUDIES (ED43)

COURSE STRUCTURE

Special note for students who commenced their studies prior to 2000: recent changes to the course structure may mean that the structure shown below is not applicable to you. Students in this situation should refer instead to the structure specified for third year students under the ED43 entry.

STRAND	YEAR 1		YEAR 2		YEAR 3		TOTAL
	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	
EDUCATION STUDIES	CLB305 Education in Context (12)	LEB335 Human Development & Education (12)				Education Studies Elective (12)	36
PROFESSIONAL PRACTICE	Field Experience (1 week) ¹	Field Experience (1 week) ¹	PRB424 Early Childhood Professional Practice: Preschool/Kindergarten (12) (4 weeks) Field Experience (1 week) ²		PRB422 Early Childhood Professional Practice: Child Care (12) (4 weeks) Field Experience (1 week) ²	PRB425 Early Childhood Professional Practice: Choice (12) (4 weeks) Field Experience (1 week) ²	36
CURRICULUM STUDIES	EAB351 Family Studies and Early Childhood Education (12)	Elective (12)	EAB347 Early Childhood Curriculum: Early Mathematical Explorations (12) EAB442 Early Childhood Foundations 1 (12)	EAB345 Early Childhood Curriculum: Language Education (12) EAB346 Early Childhood Curriculum: Science/Society & the Environment (12) EAB413 Management of Early Childhood Services (12) EAB443 Early Childhood Foundations 2 (12)	EAB348 Early Childhood Curriculum: Arts (12) EAB350 Advanced Early Childhood Curriculum: Literacy & Numeracy in the Early Years (12) EAB412 Advanced Integrated Early Childhood Curriculum (12)	EAB349 Advanced Early Childhood Curriculum: Arts (12) EAB444 Early Childhood Foundations 3 (12)	156
DISCIPLINE/CONTENT STUDIES	MDB386 Mathematics Foundations (12) Discipline Foundations Elective 1 (12)	CLB344 Language and Literacy Foundations (12) Discipline Foundations Elective 2 (12)	Discipline Foundations Elective 3 (12)				60
TOTAL	48	48	48	48	48	48	288

¹ This field experience is attached to the Education Studies unit in the corresponding semester.

² This field experience is attached to the Professional Practice unit in the corresponding semester.

Year 3, Semester 2

EAB349	Advanced Early Childhood Curriculum: Arts
EAB444	Early Childhood Foundations 3
PRB425	Early Childhood Professional Practice: Choice Education Studies elective (List 2)

Structure for Students Year 3 in 2001

Year 3, Semester 1

EAB348	Early Childhood Curriculum: Arts
EAB350	Advanced Early Childhood Curriculum: Literacy & Numeracy in the Early Years
EAB412	Advanced Integrated Early Childhood Curriculum
PRB422	Early Childhood Professional Practice: Child Care

Year 3, Semester 2

	Education Studies elective (List 2)
	Early Childhood Curriculum elective (List 3)
EAB349	Advanced Early Childhood Curriculum: Arts
PRB425	Early Childhood Professional Practice: Choice

List 1: Discipline Foundation Elective Units

Studies in Society and Environment

PRB371	Social & Environmental Foundations
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Health and Physical Education

HMB171	Fitness, Health & Wellness
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Visual and Performing Arts

AAB918	Arts Foundation Studies
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Science

MDB387	Science Foundations
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Technology

MDB385	Information Technologies in Education
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List 2: Education Studies Elective Units

Students select one unit:

CLB301	Powerful Teachers, Powerful Students
CLB302	Identifying & Responding to Student Difference
CLB346	Case Studies in Adult & Family Literacy
CLB347	Teaching Students from Non-English Speaking Backgrounds
CLB401	Cultural Diversity & Education
CLB402	Issues in Indigenous Education
CLB403	Gender & Sexuality Issues for Teachers
EDB440	Independent Study ⁴
LEB331	Teaching Children with Low Incidence Disabilities & Health Problems
LEB332	Teaching Exceptional Students
LEB441	Educational Counselling
LEB443	Human Sexuality & Learning
LEB444	Human Sexuality & Development
LEB480	Research Methods in Education
MDB300	Teaching in the Information Age
PRB300	Education, Law & the Beginning Teacher
PRB331	Learning/Teaching Environments
PRB332	Classroom & Behaviour Management

PRB412	Classroom Management: Models & Practice
PRB414	Teaching Strategies
PRB415	Introduction to Educational Administration
PRB416	Classroom Assessment Practices

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
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 & the Environment
EAB421	Everyday Food Learning
EAB422	Technology & the Young Child
EDB440	Independent Study ⁴

Students who commenced the Bachelor of Early Childhood Studies prior to 1999 should contact the faculty for advice or an appropriate enrolment program.

Special Note for all BECS Students

BECS graduates wanting to upgrade their qualification at a later date may apply after one year full-time (or equivalent) work experience for entry to a fourth year of study. Information about the structure to be undertaken can be obtained from the faculty.

■ Bachelor of Education (In-service) (ED26)

Location: Kelvin Grove, Carseldine and Gardens Point campuses

Course Duration: 1 year full-time, 2 years part-time or external

Total Credit Points: 96

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Associate Professor John Lidstone

Entry Requirements

Applicants will be admitted to the course who:

- hold a diploma or equivalent at a standard acceptable to the Dean of Faculty; or
- hold other qualifications and experience acceptable to the dean.

A statement of teaching service should be provided with the admission application.

⁴ The unit EDB440 Independent Study may be taken once only. An Independent Study Guide and application are available from the Faculty of Education Office.

Course Structure

Compulsory Units

Students must complete at least four units from the Faculty of Education. These four units will include the two core units, CLB306 Understanding Educational Practices and PRB410 Teachers and the Curriculum, plus two electives from the Faculty of Education.

Elective Units

Option 1: Students may undertake four 12 credit point units from the Faculty of Education units listed in the elective lists or from the following Faculty of Education postgraduate or pre-service 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	BEEd(Secondary)
ED51	BEEd(Primary)
ED52	BEEd(Early Childhood)
ED54	BEEd(Adult & Workplace Education)

If units are taken from these other courses, students are required to consult the relevant course coordinator.

Option 2: Students may undertake four 12 credit point units offered by other faculties within QUT. Written approval must be obtained from the unit coordinator offering the elective.

Option 3: Students may undertake four 12 credit point units from a combination of options 1 and 2.

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 students 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 & Workplace Education
- Art Education
- Arts in Early Childhood
- Business Education
- Culture & Policy

- Curriculum & Professional Studies
- Early Childhood
- Environmental Education
- Human Relationship Education
- Language & Literacy
- Learning & Development
- Learning Support
- Mathematics, Science & Technology Education
- Social Education
- Educational Management
- Computer Education
- Teacher-Librarianship

FACULTY OF EDUCATION UNITS

Core Units

CLB306	Understanding Educational Practices
PRB410	Teachers & the Curriculum

Elective Units

EDB440	Independent Study ⁴
EDB442	Integrated Professional Seminars

Cultural and Language Studies

CLB304	Context of Adult & Workplace Education
CLB400	Understanding Schools & their Communities
CLB401	Cultural Diversity & Education
CLB402	Issues in Indigenous Education
CLB403	Gender & Sexuality Issues for Teachers
CLB440	Trends in the Teaching of Writing
CLB441	Children's Literature
CLB443	Trends in the Teaching of Reading
CLB451	Storytelling: Cultural Perspectives
CLB454	Language & Literacy Curriculum

Professional Studies

PRB302	Adult Education in the Workplace & Community
PRB307	Orientation to adult & Workplace Programs
PRB308	The Group in Adult & Workplace Education
PRB309	Instructional Strategies for Adult & Workplace Educators
PRB310	Programming in Adult & Workplace Education
PRB376	Organisation & Administration of Adult & Workplace Education
PRB381	Progressive Strategies for General & Vocational Education
PRB387	Studies of Society & Environment Curriculum
PRB412	Classroom Management: Models & Practice
PRB413	Teachers & Isolated Learners
PRB414	Teaching Strategies
PRB415	Introduction to Educational Administration
PRB416	Classroom Assessment Practices
PRB417	Educators & the Law
PRB419	Environmental Education
PRB426	The Middle Years Curriculum

⁴ The unit EDB440 Independent Study may be taken once only. An Independent Study Guide and application are available from the Faculty of Education Office.

Early Childhood

- EAB346 Early Childhood Curriculum: Science, Society & the Environment
 EAB347 Early Childhood Curriculum: Early Mathematical Explorations
 EAB410 Early Education: Deciding the Curriculum
 EAB411 Early Education: Literacy
 EAB440 Working with Parents & Community
 EAB443 Early Childhood Foundations 2

Learning and Development

- LEB333 Adult Learning & Development
 LEB336 Psychology of Learning & Teaching
 LEB338 The Individual in Adult & Workplace Education
 LEB420 Interpersonal Psychology in Education
 LEB421 Developing Effective Learning Environments
 LEB431 Interactive Teaching Strategies
 LEB441 Educational Counselling
 LEB443 Human Sexuality & Learning
 LEB444 Human Sexuality & Development
 LEB450 The Middle Years of Schooling
 LEB480 Research Methods in Education

Mathematics, Science and Technology Education

- MDB333 Mathematics Curriculum Studies 1
 MDB384 Science Education
 MDB411 Early Childhood Mathematics Teaching, Learning & Assessment
 MDB414 Learning Environments Using Information Technology
 MDB429 Initiatives in Science Education
 MDB440 Computers & Education
 MDB446 Science for Early Childhood

FACULTY OF HEALTH**Human Movement Studies**

- HMB307 Health & Physical Education Curriculum
 HMB410 Physical Education Curriculum: Secondary
 HMB411 Physical Education Curriculum: Primary
 HMB441 Sociology of Sport
 HMB442 Administration in Physical Education & Sport

■ Bachelor of Education (Adult and Workplace Education) (ED54)

Location: Kelvin Grove campus

Course Duration: 2 years full-time, 4 years part-time or external

Total Credit Points: 384 (192 granted as credit on entry)

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr John Fanshawe

Associate Course Coordinator: Dr Christine Velde

Entry Requirements

Applicants must have completed Year 12 or equivalent with Sound Achievement in English over four semesters, and 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 diploma/associate diploma and two years relevant work experience or a trade certificate and ten 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 Structure⁵**Year 1, Semester 1**

- PRB302 Adult Education in the Workplace & Community
 PRB303/1 Field Experience 1⁶
 PRB304/1 Field Experience 2⁶
 PRB307 Orientation to Adult & Workplace Programs
 PRB309 Instructional Strategies for Adult & Workplace Educators

Year 1, Semester 2

- CLB304 Context of Adult & Workplace Education
 PRB308 The Group in Adult & Workplace Education
 LEB333 Adult Learning & Development
 PRB303/2 Field Experience 1⁶
 PRB304/2 Field Experience 2⁶

Year 2, Semester 1

- PRB305 Field Experience 3
 PRB310 Programming in Adult & Workplace Education
 PRB376 Organisation & Administration of Adult & Workplace Education
 Education Studies elective (List 2)

Year 2, Semester 2

- Curriculum Studies elective (List 1)
 Education Studies elective (List 2)
 LEB338 The Individual in Adult & Workplace Education
 PRB306 Field Experience 4

⁵ Students seeking qualifications in a secondary school teaching area undertake a modified course structure. This option is only available to students who have previous studies at university level in the teaching area they wish to take. Students should contact the Faculty for approval and advice on their course structure.

⁶ Full year unit worth a total of 12 credit points.

Part-time/External Course Structure

Year 1, Semester 1

- PRB302 Adult Education in the Workplace & Community
PRB307 Orientation to Adult & Workplace Programs

Year 1, Semester 2

- PRB309 Instructional Strategies for Adult & Workplace Educators
LEB333 Adult Learning & Development

Year 2, Semester 1

- PRB303/1 Field Experience 1⁶
PRB304/1 Field Experience 2⁶
PRB308 The Group in Adult & Workplace Education

Year 2, Semester 2

- CLB304 Context of Adult & Workplace Education
PRB303/2 Field Experience 1⁶
PRB304/2 Field Experience 2⁶

Year 3, Semester 1

- PRB310 Programming in Adult & Workplace Education
PRB376 Organisation & Administration of Adult & Workplace Education

Year 3, Semester 2

- LEB338 The Individual in Adult & Workplace Education
PRB305 Field Experience 3

Year 4, Semester 1

- Curriculum Studies elective (List 1)
Education Studies elective (List 2)

Year 4, Semester 2

- Education Studies elective (List 2)
PRB306 Field Experience 4

List 1: Curriculum Studies Elective Units

- EDB440 Independent Study⁴
CLB339 Adult Literacy & Second Language Learners
LEB334 Acquisition & Adaptability of Workplace Knowledge & Skills
MDB382 Problem Solving, Critical Thinking & Futuring
PRB312 Open Learning & Flexible Delivery
PRB381 Progressive Strategies for General & Vocational Education
PRB419 Environmental Education

List 2: Education Studies Elective Units

Select two electives from the following two sets. Up to two may be chosen from any set.

Group A: Education Studies Electives (ED54)

- CLB301 Powerful Teachers, Powerful Students
CLB302 Identifying & Responding to Student Difference
CLB346 Case Studies in Adult & Family Literacy
CLB347 Teaching Students from Non-English Speaking Backgrounds

- CLB401 Cultural Diversity & Education
CLB402 Issues in Indigenous Education
CLB403 Gender & Sexuality Issues for Teachers
EDB440 Independent Study⁴
LEB331 Teaching Children with Low Incidence Disabilities & Health Problems
LEB332 Teaching Exceptional Students
LEB441 Educational Counselling
LEB443 Human Sexuality & Learning
LEB444 Human Sexuality & Development
LEB480 Research Methods in Education
MDB300 Teaching in the Information Age
PRB300 Education, Law & the Beginning Teacher
PRB331 Learning/Teaching Environments
PRB332 Classroom & Behaviour Management
PRB412 Classroom Management: Models & Practice
PRB414 Teaching Strategies
PRB415 Introduction to Educational Administration
PRB416 Classroom Assessment Practices

Group B: Post-compulsory Education

- PRB313 Community, Leadership & Citizenship
MDB381 Science & Technology in the Community & Workplace
PRB311 Law in the Adult & Workplace Environment

■ Bachelor of Education (Early Childhood) (ED52)

Location: Kelvin Grove campus

Course Duration: 4 years full-time

Total Credit Points: 384

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr John Fanshawe

Associate Course Coordinator: Dr Carmel Diezmann

Course Structure

Year 1, Semester 1

- CLB305 Education in Context
EAB351 Family Studies & Early Childhood Education
MDB386 Mathematics Foundations
Discipline Foundation elective (List 1)

Year 1, Semester 2

- LEB335 Human Development & Education
CLB344 Language & Literacy Foundations
Early Childhood curriculum elective 1 (List 4)
Discipline Foundation elective (List 1)

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 apply to transfer into the Bachelor of Early Childhood Studies (BECST) ED43 course for their fourth semester of study. The BECST course

⁴ The unit EDB440 Independent Study may be taken once only. An Independent Study Guide and application are available from the Faculty of Education Office.

⁶ Full year unit worth a total of 12 credit points.

provides graduates with a three-year qualification that will enable them to be employed in the child care sector only. Students will not be eligible for registration as a teacher. The BECST course is three years duration comprising the first three semesters and a selection of studies from the remainder of the Bachelor of Education (Early Childhood). Interested applicants should refer to the BECST (ED43) section of this handbook for detail on the relevant course structure.

There is also an opportunity for international students to undertake a cohort of units affiliated with a University Certificate in English as a Foreign Language. Please refer to the handbook entry covering University certificates for further information.

Year 2, Semester 1

- EAB347 Early Childhood Curriculum: Early Mathematics Explorations
 EAB442 Early Childhood Foundations 1 Discipline Foundation elective (List 1)
 PRB424 Early Childhood Professional Practice: Preschool/Kindergarten

Year 2, Semester 2

- EAB443 Early Childhood Foundations 2
 EAB346 Early Childhood Curriculum: Science/Society & the Environment
 EAB345 Early Childhood Curriculum: Language Education 4 Discipline Minor elective unit (List 2)

Year 3, Semester 1

- LEB336 Psychology of Learning & Teaching
 EAB348 Early Childhood Curriculum: Arts
 EAB350 Advanced Early Childhood Curriculum: Literary & Numeracy in the Early Years Discipline Minor elective unit (List 2)

Year 3, Semester 2

- CLB306 Understanding Educational Practices
 EAB444 Early Childhood Foundations 3
 PRB423 Early Childhood Professional Practice: Lower Primary
 Early Childhood Curriculum elective unit (List 4)

Year 4, Semester 1

- EAB412 Advanced Integrated Early Childhood Curriculum
 EAB413 Management of Early Childhood Services
 PRB422 Early Childhood Professional Practice: Child Care Discipline Minor elective unit (List 2)

Year 4, Semester 2

- EAB349 Advanced Early Childhood Curriculum: Arts
 PRB425 Early Childhood Professional Practice: Choice
 Education Studies elective unit 1 (List 3)
 Education Studies elective unit 2 (List 3)

Structure for students moving into Year 3 in 2001

Year 3, Semester 1

- EAB348 Early Childhood Curriculum: Arts
 EAB350 Advanced Early Childhood Curriculum: Literacy & Numeracy in the Early Years
 LEB336 Psychology of Learning & Teaching
 Discipline Minor elective 2 (List 2)

Year 3, Semester 2

- CLB306 Understanding Educational Practices
 EAB444 Early Childhood Foundations 3
 PRB423 Early Childhood Professional Practice: Preschool/Kindergarten
 Early Childhood Curriculum elective (List 4)

Year 4, Semester 1

- EAB412 Advanced Integrated Early Childhood Curriculum
 EAB413 Management of Early Childhood Services
 PRB422 Early Childhood Professional Practice: Child Care
 Discipline Minor elective 3 (List 2)

Year 4, Semester 2

- PRB425 Early Childhood Professional Practice: Choice
 Education Studies elective unit 1 (List 3)
 Education Studies elective unit 2 (List 3)
 EAB349 Advanced Early Childhood Curriculum: Arts

Structure for students moving into Year 4 in 2001

Year 4, Semester 1

- EAB412 Advanced Integrated Early Childhood Curriculum
 EAB413 Management of Early Childhood Services
 PRB424 Early Childhood Professional Practice: Preschool/Kindergarten
 Discipline Minor elective 2 (List 2)

Year 4, Semester 2

- PRB425 Early Childhood Professional Practice: Choice
 Education Studies elective unit 1 (List 3)
 Education Studies elective unit 2 (List 3)
 Discipline Minor elective 3 (List 2)

List 1: Discipline Foundation Elective Units

Studies in Society and Environment

- PRB371 Social & Environmental Foundations

Health and Physical Education

- HMB171 Fitness, Health & Wellness

Visual and Performing Arts

- AAB918 Arts Foundations Studies

Science

- MDB387 Science Foundations

Technology

- MDB385 Information Technologies in Education

List 2: Discipline Minor Elective Units

Language

CLB321	Writing Workshop
CLB441	Children's Literature
CLB446	Grammar for Writers
CLB451	Storytelling: Cultural Perspectives
CLB452	Media Literacy & the School

Mathematics

MDB347	Excursions in Number
MDB349	Mathematical Reasoning
MDB388	Gaming & Chance
MDB396	Excursions in Geometry

Studies of Society and Environment

PRB378	Knowing Your Environment
PRB379	The Consumer, Society & the Environment
PRB380	Future Societies & Environments – Australia, Asia & the Pacific

Health and Physical Education

HMB333	Child & Adolescent Health
HMB375	Adapted Physical Activity
HMB376	Motor Development in Children
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. Students must satisfy any specific entry requirements for Arts units. This could include auditions, portfolios, etc.

Dance

AAB125	Dance Analyses & History 1
AAB106	Dance Analyses & History 2
AAB176	Jazz & Popular Dance
AAB114	Dance & Australian Society
AAB117	Dance in Education

Drama

AAB208	Elements of Drama
AAB214	Process Drama
AAB278	Technical Theatre
AAB251	Theatre History – Significant Trends in the 20th Century
AAB252	Theatre History – Sound of Theatre
AAB253	Theatre History – Staging Australia
AAB304	Forming Knowledge

Music

AAB619	Introduction to Music Technology
AAB912	Introductory Musicianship
AAB913	The Australian Music Scene
AAB640	Sex, Drugs & Rock & Roll
AAB620	Popular Song Composition
AAB631	World Music
AAB638	Music at the Movies & in the Theatre

Visual Arts

AAB447	Drawing
AAB507	Painting
AAB457	Sculpture
AAP503	Clay Materials

AAP509	Photographic Media
AAP511	Printmaking

Science

MDB389	Life & Living Processes
MDB390	Natural & Processed Materials
MDB391	Earth & Space

Technology

MDB383	Using Information Technology in the Curriculum
MDB393	Networked Communities
MDB397	Multimedia
MDP536	Computer Graphics in Teaching

List 3: Education Studies Electives (ED52)

Students select two units.

CLB301	Powerful Teachers, Powerful Students
CLB302	Identifying & Responding to Student Difference
CLB346	Case Studies in Adult & Family Literacy
CLB347	Teaching Students from Non-English Speaking Backgrounds
CLB401	Cultural Diversity & Education
CLB402	Issues in Indigenous Education
CLB403	Gender & Sexuality Issues for Teachers
EDB440	Independent Study ⁴
LEB331	Teaching Children with Low Incidence Disabilities & Health Problems
LEB332	Teaching Exceptional Students
LEB441	Educational Counselling
LEB443	Human Sexuality & Learning
LEB444	Human Sexuality & Development
LEB480	Research Methods in Education
MDB300	Teaching in the Information Age
PRB300	Education, Law & the Beginning Teacher
PRB331	Learning/Teaching Environments
PRB332	Classroom & Behaviour Management
PRB412	Classroom Management: Models & Practice
PRB414	Teaching Strategies
PRB415	Introduction to Educational Administration
PRB416	Classroom Assessment Practices
PRB427	Professional Internship of Associate Teaching

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 & the Environment
EAB421	Everyday Food Learning
EAB422	Technology & the Young Child
EDB440	Independent Study ⁴

⁴ The unit 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 (Preservice Early Childhood) (ED53)

Location: Kelvin Grove campus

Course Duration: 4 years part-time external (can be completed in 3 years part-time utilising the Accelerated Program)

Total Credit Points: 384

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr John Fanshawe

Associate Course Coordinator: Dr Joanne 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-year tertiary-level courses, and who have had the equivalent of two years full-time employment in early childhood care and education services.

Early Exit

Students have the option to exit the course early with a three-year Bachelor of Early Childhood Studies. 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 Studies ED43 course.

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

Mid-year Entry – Standard Progression

First semester of study (July to October)

EAB334 Early Childhood Foundations A
EAB340 Programs for Infants & Toddlers

Second semester of study (March to June)

EAB335 Early Childhood Language & Arts Education 1
EAB308 Early Childhood Science, Mathematics & Technology

Third semester of study (July to October)

EAB413 Management of Early Childhood Services
EAB324 Integrating Young Children with Special Needs Into Early Childhood Programs

Fourth semester of study (March to June)

EAB333 Early Childhood Education: Community Context
PRB423 Early Childhood Professional Practice: Lower Primary

Fifth semester of study (July to October)

EAB336 Early Childhood Foundations B
LEB336 Psychology of Learning & Teaching

Sixth semester of study (March to June)

CLB306 Understanding Educational Practices

And select one of:

EAB337 Integrated Early Childhood Curriculum
Negotiated other Bachelor of Education (In-service) (ED26) unit (select one from List 1)

Seventh semester of study (July to October)

PRB341 Practice Teaching 2 (3 -5 years)
And negotiated other Bachelor of Education (In-service) (ED26) unit (select one from List 1)

Eighth semester of study (March to June)

PRB425 Early Childhood Professional Practice: Choice
CLB402 Issues in Indigenous Education

Note: Students who have already completed CLB402 Issues in Indigenous Education (previously CPB444) will select a Bachelor of Education (Inservice) (ED26) unit from those listed below (List 1).

Mid-year Entry – Accelerated Progression

Please note that tuition fees apply to summer program (November to January) units.

First semester of study (July to October)

EAB324 Integrating Young Children with Special Needs
EAB413 Management of Early Childhood Services

Second semester of study (November to February)

EAB334 Early Childhood Foundations A
EAB340 Programs for Infants & Toddlers

Third semester of study (March to June)

EAB308 Early Childhood Sciences, Mathematics & Technology
EAB335 Early Childhood Language & Arts Education 1

Fourth semester of study (July to October)

LEB336 Psychology of Learning & Teaching
And negotiated other Bachelor of Education (In-service) (ED26) unit (select one from List 1)

Fifth semester of study (November to February)

EAB336 Early Childhood Foundations B
PRB423 Early Childhood Professional Practice: Lower Primary

Sixth semester of study (March to June)

EAB333 Early Childhood Education: Community Context
EAB337 Integrated Early Childhood Curriculum
Or negotiated other Bachelor of Education (In-service) (ED26) unit (select one from List 1)

**BACHELOR OF EDUCATION (PRESERVICE EARLY CHILDHOOD) (ED53)
COURSE STRUCTURE – MID YEAR ENTRY (NORMAL PROGRESSION)**

STRAND	YEAR 1		YEAR 2		YEAR 3		YEAR 4		YEAR 5	TOTAL
	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 1	
EDUCATION STUDIES				Early Childhood Education: Community Context (12)	Psychology of Learning and Teaching (12)	Understanding Educational Practices (12)		Practice Teaching 2 (3–5 years) 20 days (12)	Issues in Indigenous Education (12)	48
PROFESSIONAL PRACTICE				Early Childhood Professional Practice: Lower Primary (12)				Early Childhood Professional Practice: Choice (12)		36
CURRICULUM STUDIES	Early Childhood Foundations A (12)	Early Childhood Language & Arts Education 1 (12) Early Childhood Sciences, Maths and Technology (12)			Early Childhood Foundations B (12)	Integrated Early Childhood Curriculum OR BEd (Inservice) unit (12)		Early Childhood Language & Arts Education 2 OR BEd (Inservice) unit (12)		72
DISCIPLINE/CONTENT STUDIES	Programs for Infants and Toddlers (12)		Management of Early Childhood Services (12) Integrating Young Children with Special Needs in Early Childhood Programs (12)							36
TOTAL	24	24	24	24	24	24	24	24	24	192

Seventh semester of study (July to October)

- CLB402 Issues in Indigenous Education
CLB306 Understanding Educational Practices

Eighth semester of study (November to February)

- PRB341 Practice Teaching 2 (3-5 Years)
PRB425 Early Childhood Professional Practice:
Choice

First Semester Entry – Accelerated Progression

Please note that tuition fees apply to summer program (November to January) units.

First semester of study (March to June)

- EAB335 Early Childhood Language & Arts Education 1
EAB308 Early Childhood Science, Mathematics & Technology

Second semester of study (July to October)

- EAB413 Management of Early Childhood Services
EAB324 Integrating Young Children with Special Needs Into Early Childhood Programs

Third semester of study (November to February)

- EAB334 Early Childhood Foundations A
EAB340 Programs for Infants & Toddlers

Fourth semester of study (March to June)

- EAB333 Early Childhood Education: Community Context

and select one of:

- EAB337 Integrated Early Childhood Curriculum Negotiated other Bachelor of Education (ED26) unit (select one from List 1)

Fifth semester of study (July to October)

- LEB336 Psychology of Learning & Teaching Negotiated other Bachelor of Education (ED26) unit (select one from List 1)

Sixth semester of study (November to February)

- PRB423 Early Childhood Professional Practice: Lower Primary
EAB336 Early Childhood Foundations B

Seventh semester of study (March-June)

- CLB402 Issues in Indigenous Education
PRB341 Practice Teaching 2 (3-5 Years)

Eighth semester of study (July to October)

- CLB306 Understanding Educational Practices
PRB425 Early Childhood Professional Practice:
Choice

List 1: Approved Bachelor of Education (Inservice) Units:

- PRB412 Classroom Management: Models & Practice
PRB417 Educators & the Law
PRB410 Teachers & the Curriculum
PRB416 Classroom Assessment Practices
CLB440 Trends in the Teaching of Writing
CLB441 Children's Literature
CLB443 Trends in the Teaching of Reading

- LEB421 Developing Effective Learning Environments
MDB440 Computers & Education

■ Bachelor of Education (Primary) (ED51)

Location: Kelvin Grove campus

Course Duration: 4 years full-time

Total Credit Points: 384

Standard Credit Points/Full-time Semester: 48

Associate Course Coordinator: Dr Tania Aspland

Course Coordinator: Dr John Fanshawe

Course Structure for Commencing Students

Year 1, Semester 1

- CLB305 Education in Context
CLB344 Language & Literacy Foundations
LEB335 Human Development & Education

and one of:

- MDB385 Information Technologies in Education OR
LOTE elective 1 (List 2)⁷

Year 1, Semester 2

- HMB171 Fitness, Health & Wellness
MDB386 Mathematics Foundations
PRB347 Primary Professional Practice 1: Classroom Management

and either:

- PRB371 Social & Environmental Foundations OR
LOTE elective 2 (List 2)⁷

Year 2, Semester 1

- MDB387 Science Foundations

and either:

- MDB373 Mathematics Curriculum 1
AAB918 Arts Foundation Studies
PRB387 Studies of Society & Environment Curriculum OR
LOTE elective 3 (List 2)⁷

- MDB385 Information Technologies in Education
MDB450 Primary Mathematics Curriculum

Year 2, Semester 2

- MDB383 Using Technology in the Curriculum

and either:

- AAB914 Visual & Performing Arts Curriculum
CLB348 Language & Literacy Curriculum 1
Discipline Studies elective 1 (List 1)

OR

- LOTE Elective 4 (List 2)⁷
CLB454 Language & Literacy Curriculum
PRB371 Social & Environmental Foundations

⁷ For students following the LOTE program only.

Year 3, Semester 1

- LEB336 Psychology of Learning & Teaching
PRB348 Primary Professional Practice 2: Curriculum
Decision Making

and either:

- CLB349 Language & Literacy Curriculum 2
Discipline Studies elective (List 1)

OR

LOTE elective 5 (List 2)⁷

- AAB918 Art Foundation Studies

Year 3, Semester 2

- MDB384 Science Education
CLB306 Understanding Educational Practices

and either:

Discipline Studies elective (List 1)

- MDB374 Mathematics Curriculum 2
OR

LOTE elective 6 (List 2)⁷

- AAB914 Visual & Performing Arts Curriculum

Year 4, Semester 1

- PRB349 Primary Professional Practice 3: The
Inclusive Curriculum⁸
HMB307 Health & Physical Education Curriculum
CLB413 Programming & Assessment in Language &
Mathematics

and either:

Discipline Studies elective (List 1)
OR⁷

- PRB387 Studies of Society & Environment
Curriculum

Year 4, Semester 2

- Education Studies elective 1 (List 3)
Education Studies elective 2 (List 3)
PRB350 Primary Professional Practice 4: Reflective
Practice

and either:

Curriculum Studies elective (List 3)

OR⁷

- CLB334 Primary LOTE Curriculum Studies

Course Structure for Continuing Students

Year 3 in 2001

Year 3, Semester 1

- LEB336 Psychology of Learning & Teaching
PRB348 Primary Professional Practice 2: Curriculum
Decision-Making

and either

- CLB349 Language & Literacy Curriculum 2
Discipline Studies elective (List 1)

OR⁷

- AAB918 Arts Foundation Studies
LOTE elective 5

Year 3, Semester 2

- CLB306 Understanding Educational Practices
MDB384 Science Education

and either

- MDB374 Mathematics Curriculum 2
Discipline Studies elective (List 1)
OR⁹

- AAB914 Visual & Performing Arts Curriculum
LOTE elective 6

Year 4 in 2001

Year 4, Semester 1

- CLB413 Programming & Assessment in Language &
Mathematics
PRB349 Primary Professional Practice 3: The
Inclusive Curriculum
PRB385 Studies of Society & Environment/Health &
Physical Education 2

and either:

Discipline Studies elective (List 1)

OR⁷

- MDB387 Science Foundations

Year 4, Semester 2

- PRB350 Primary Professional Practice 4: Reflective
Practice
Education Studies elective 1 (List 3)
Education Studies elective 2 (List 3)

and either:

Curriculum Studies elective (List 4)

OR⁷

- CLB334 Primary LOTE Curriculum Studies

List 1: Discipline Studies Elective Units

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 any offerings at QUT at all.

LANGUAGE

Minor:

- CLB441 Childrens Literature
CLB451 Storytelling: Cultural Perspectives
CLB452 Media Literacy & the School

Additional units:

- CLB321 Writing Workshop
CLB446 Grammar for Writers

MATHEMATICS

Minor:

- MDB347 Excursions in Mathematics
MDB388 Gaming & Chance
MDB396 Excursions in Geometry

Additional unit:

- MDB349 Mathematical Reasoning

⁷ For students following the LOTE program only.

⁸ Students in the LOTE program undertake a LOTE practice teaching block under this unit.

⁹ Only for students following LOTE pathway – see List 2 for unit selection.

BACHELOR OF EDUCATION (PRIMARY) (ED51) COURSE STRUCTURE FOR COMMENCING STUDENTS

Note: LOTE students follow a modified pathway as shown in course breakdown on the following pages.

STRAND	YEAR 1		YEAR 2		YEAR 3		YEAR 4		TOTAL
	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2*	
EDUCATION STUDIES	Education in Context (12) Human Development & Education (12)				Psychology of Learning and Teaching (12)	Understanding Educational Practices (12)		Education Studies Elective (12) Education Studies Elective (12)	72
PROFESSIONAL PRACTICE	Field Experience (2 weeks)	Primary Professional Practice 1: Classroom Management (12) (2 weeks)			Primary Professional Practice 2: Decision-Making (12) (4 weeks) Field Experience (1 week)	Field Experience (1 week)	Primary Professional Practice 3: The Inclusive Curriculum (12) (4 weeks)	Primary Professional Practice 4: Reflective Practice (12) (6 weeks)	48
CURRICULUM STUDIES			Mathematics Curriculum 1 (12) Studies of Society and Environment Curriculum (12)	Visual and Performing Arts Curriculum (12) Language and Literacy Curriculum 1 (12) Using Technology in the Curriculum (12)	Language and Literacy Curriculum 2	Mathematics Curriculum 2 (12) Science Education (12)	Programming and Assessment in Language and Mathematics (12) Health and Physical Education Curriculum (12)	Curriculum Elective (12)	132
DISCIPLINE/CONTENT STUDIES	Language & Literacy Foundations (12) Information Technologies in Education (12)	Mathematics Foundations (12) Social and Environmental Foundations (12) Fitness, Health and Wellness (12)	Arts Foundation Studies (12) Science Foundations (12)	Discipline Studies Elective (12)	Discipline Studies Elective (12)	Discipline Studies Elective (12)	Discipline Studies Elective (12)		132
TOTAL	48	48	48	48	48	48	48	48	384

* Students choosing the Middle Years Pathway will undertake the following units in Semester 8 of the program: PRB427 Professional Internship of Associate Teaching; LEB450 The Middle Years of Schooling; PRB426 The Middle Years Curriculum; and PRB350 Primary Professional Practice 4: Reflective Practice.

STUDIES OF SOCIETY AND ENVIRONMENT

Minor:

- PRB378 Knowing your Environment
- PRB379 The Consumer, Society & the Environment
- PRB380 Future Societies & Environments – Australia, Asia & the Pacific
- PRB386 Environmental Field Studies

HEALTH AND PHYSICAL EDUCATION

Minor:

- HMB315 Performance Skills 2
- HMB333 Child & Adolescent Health
- HMB376 Motor Development in Children

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

VISUAL AND PERFORMING ARTS

Three units from one of the selected Arts discipline area: either 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*

- AAB125 Dance Analysis & History 1
- AAB106 Dance Analysis & History 2
- AAB176 Jazz & Popular Dance
- AAB114 Dance & Australian Society
- AAB117 Dance in Education

□ *Drama*

- AAB208 Elements of Drama
- AAB214 Process Drama
- AAB253 Theatre History – Staging Australia
- AAB278 Technical Theatre
- AAB251 Theatre History – Significant Trends in the 20th Century

□ *Music*

- AAB619 Introduction to Music Technology
- AAB912 Introductory Musicianship
- AAB913 Exploring Music 3

Additional units:

- AAB620 Popular Song Writing
- AAB631 World Music
- AAB638 Music at the Movies
- AAB640 Sex, Drugs & Rock & Roll

□ *Visual Arts*

- AAB447 Drawing
- AAP507 Painting
- AAB457 Sculpture
- AAP503 Clay Materials
- AAP509 Photographic Media
- AAP511 Printmaking

SCIENCE

Minor:

- MDB389 Life & Living Processes
- MDB390 Natural & Processed Materials
- MDB391 Earth & Space

Additional units:

- LSB142 Human Anatomy & Physiology
- SCB202 Science, Technology & Society

TECHNOLOGY

Minor:

- MDB392 Educational Computing Environments
- MDB393 Networked Communities
- MDB397 Multimedia

Additional units:

- MDB375 Computer Tools for Educators
- MDB377 Project Planning & Implementation for Educational Purposes

LOTE

Students wishing to undertake studies in French, German, Indonesian or Japanese are required to select a specified sequence of six units (72 credit points).

List 2: Languages Other Than English (LOTE) units

General primary/LOTE students are required to complete 72 credit points of discipline/content studies plus 12 credit points of curriculum studies in one of the four languages available. Students who have taken their LOTE to Year 12 or equivalent do not take the introductory units. The language units in the discipline/content strand are as follows:

□ *French*

- HUB452 French for the Tourism Industry
- HUB670 French 1
- HUB671 French 2
- HUB672 French 3
- HUB673 French 4
- HUB674 French 5
- HUB675 French 6
- HUB678 French 7
- HUB677 French 8

□ *German*

- HUB735 German 1
- HUB736 German 2
- HUB737 German 3
- HUB738 German 4
- HUB739 German 5
- HUB740 German 6
- HUB741 German 7
- HUB742 German 8

□ *Indonesian*

- HUB650 Indonesian 1
- HUB651 Indonesian 2
- HUB652 Indonesian 3
- HUB653 Indonesian 4
- HUB654 Indonesian 5
- HUB655 Indonesian 6

- HUB656 Indonesian 7
HUB657 Indonesian 8

□ **Japanese**

- HUB660 Japanese 1
HUB661 Japanese 2
HUB662 Japanese 3
HUB663 Japanese 4
HUB664 Japanese 5
HUB665 Japanese 6
HUB666 Japanese 7
HUB667 Japanese 8

List 3: Education Studies Electives

Students select two units.

- CLB301 Powerful Teachers, Powerful Students
CLB302 Identifying & Responding to Student Difference
CLB346 Case Studies in Adult & Family Literacy
CLB347 Teaching Students from Non-English Speaking Backgrounds
CLB401 Cultural Diversity & Education
CLB402 Issues in Indigenous Education
CLB403 Gender & Sexuality Issues for Teachers
EDB440 Independent Study⁴
LEB331 Teaching Children with Low Incidence Disabilities & Health Problems
LEB332 Teaching Exceptional Students
LEB441 Educational Counselling
LEB443 Human Sexuality & Learning
LEB444 Human Sexuality & Development
LEB450 The Middle Years of Schooling
LEB480 Research Methods in Education
MDB300 Teaching in the Information Age
PRB300 Education, Law & the Beginning Teacher
PRB331 Learning/Teaching Environments

List 4: Curriculum Studies Elective Units

- AAB916 Advanced Curriculum in Visual & Performing Arts
EDB440 Independent Study⁴
HMB341 Sporting & Outdoor Education Administration
CLB414 Advanced Topics in Language Education
MDB429 Initiatives in Science Education
MDB449 Information Technologies to Support Effective Learning & Teaching
PRB375 Advanced Curriculum: Environmental Education
PRB383 Getting it all Together: Teachers Professional Work in the Differing Contexts of the Primary Classroom
PRB410 Teachers & the Curriculum
PRB426 The Middle Years Curriculum¹⁰

■ **Bachelor of Education (Secondary) (ED50)**

Location: Kelvin Grove campus (some teaching areas are located at Carseldine and Gardens Point campuses)

Course Duration: 4 years full-time

Total Credit Points: 384

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr John Fanshawe

Associate Course Coordinator: Dr Christine Eastwood

Course Requirements

Undergraduate-entry students complete 192 credit points of professional studies and 192 credit points of discipline studies.

Entry into Course Streams

COURSE STREAM	DISCIPLINE AREAS
Business Education	Accounting/Business Management Business Communication & Technologies Economics Legal Studies
English and Film and Media Studies	English Film & Media Studies
LOTE	French German Indonesian Japanese
Home Economics	Home Economics
Physical Education	Physical Education
Science/Mathematics/Computing	Biology 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).

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

⁴ The unit EDB440 Independent Study may be taken once only. An Independent Study Guide and application are available from the Faculty of Education Office.

¹⁰ This unit is to be taken by students who are completing the Middle Years Pathway Option. Refer to Associate Course Coordinator for more information.

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-teaching 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 | 72 credit points |
| | Teaching area 2 | 120 credit points |
| (b) | Teaching area 1 | 96 credit points |
| | Teaching area 2 | 96 credit points |
| (c) | Teaching area 1 | 72 credit points |
| | Teaching area 2 | 96 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 below. Students may also select up to 24 credit points from units in Group Z in consultation with the associate course coordinator. Students should note that not all faculties offer units for elective studies in the Bachelor of Education (Pre-service).

Group X

Accounting/Business Management**
 Business Communication & Technologies**
 Computing
 English
 Home Economics
 Mathematics
 Physical Education
 Science Studies
 Social Science
 English as a Second Language (ESL)+

Group Y

Accounting/Business Management**
 Biology
 Chemistry
 Earth Science
 Economics

English
 Film & Media#
 French
 Geography
 German
 Health Education
 History
 Indonesian
 Japanese
 Legal Studies
 Mathematics
 Physics

Group Z

Units listed under X and Y (excluding the two teaching areas) plus units from other suitable QUT courses.

+ Can only be undertaken by students who have English or LOTE as their first teaching area.

Places are limited.

** Students undertaking the combined TAFE Diploma of Business (Administration)/Bachelor of Education (Secondary) majoring in either Business Communication and Technologies or Accounting/Business Management will undertake 96 credit points in Business Communication and Technologies or Accounting/Business Management and 48 credit points in whichever of these two fields they choose not to do as a major. The remaining 48 credit points of discipline studies will be awarded for general business studies completed in the TAFE diploma.

Notes

Where the same teaching area is listed in both Groups X and Y (for instance, English), it may only be selected once.

There may be limited places in some disciplines as a second teaching area.

Course Structure

Year 1, Semester 1

Discipline Studies X unit (see List 1)
 Discipline Studies X unit (see List 1)
 Discipline Studies Y unit (see List 1)
 Discipline Studies Y unit (see List 1)

Students who take CLB308 Indigenous Culture and Identity in the Australian Context in this Semester will only take one Discipline Studies Z unit in Year 3 and cannot pursue an extended major or double major in their teaching areas.

Year 1, Semester 2

CLB305 Education in Context
 LEB335 Human Development & Education
 Discipline Studies X unit (see List 1)
 Discipline Studies Y unit (see List 1)

Year 2, Semester 1

CLB341 Language, Technology & Education

PRB343 Secondary Professional Practice 1:
Classroom Management
Discipline Study X (see List 1)
Discipline Study Y (see List 1)

Year 2, Semester 2

Discipline Study X (see List 1)
Discipline Study X (see List 1)
Discipline Study Y (see List 1)
Discipline Study Y (see List 1)

Year 3, Semester 1

Discipline Studies X or Y (see List 1)
Discipline Studies X or Y (see List 1)
Discipline Studies X, Y or Z (see List 1)
Discipline Studies X, Y or Z (see List 1)

Year 3, Semester 2

LEB336 Psychology of Learning & Teaching
PRB344 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
PRB345 Secondary Professional Practice 3: The
Inclusive Curriculum
Curriculum Studies 2X (see List 2)
Curriculum Studies 2Y (see List 2)

Year 4, Semester 2

Students select to undertake the standard course structure, or undertake the Middle Years Pathway.

Standard Course Structure

Education Studies elective (see List 3)
Education Studies elective (see List 3)

PRB346 Secondary Professional Practice 4:
Beginning Teaching
Curriculum Studies elective (see List 4)

OR

Middle Years Pathway

LEB450 The Middle Years of Schooling
PRB346 Secondary Professional Practice 4:
Beginning Teaching
PRB426 The Middle Years Curriculum
PRB427 Professional Internship of Associate
Teaching

List 2: Curriculum Studies units

Students complete two sets of Curriculum Studies units corresponding to the two discipline areas they select. The sets (comprising unit X and unit Y) of curriculum studies are listed below.

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 & Media Curriculum Studies 1
CLB328 Film & Media Curriculum Studies 2
CLB329 LOTE Curriculum Studies 1
CLB330 LOTE Curriculum Studies 2

CLB447 ESL Curriculum Studies 1
CLB448 ESL 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
PRB355 Accounting/Business Management
Curriculum Studies 1

PRB356 Accounting/Business Management
Curriculum Studies 2
PRB357 Business Communication Technologies
Curriculum Studies 1
PRB358 Business Communication Technologies
Curriculum Studies 2
PRB359 Economics Curriculum Studies 1
PRB360 Economics Curriculum Studies 2
PRB361 Geography Curriculum Studies 1
PRB362 Geography Curriculum Studies 2
PRB363 History Curriculum Studies 1
PRB364 History Curriculum Studies 2
PRB365 Legal Studies Curriculum Studies 1
PRB366 Legal Studies Curriculum Studies 2
PRB367 Social Science Curriculum Studies 1
PRB368 Social Science Curriculum Studies 2

List 3: Education Studies Elective Units (ED50, ED55)

Students select two units from this list.

CLB301 Powerful Teachers, Powerful Students
CLB302 Identifying & Responding to Student
Difference
CLB346 Case Studies in Adult & Family Literacy
CLB347 Teaching Students from Non-English
Speaking Backgrounds
CLB401 Cultural Diversity & Education
CLB402 Issues in Indigenous Education
CLB403 Gender & Sexuality Issues for Teachers
EDB440 Independent Study⁴
LEB331 Teaching Children with Low Incidence
Disabilities & Health Problems
LEB332 Teaching Exceptional Students
LEB441 Educational Counselling
LEB443 Human Sexuality & Learning
LEB444 Human Sexuality & Development
LEB450 The Middle Years of Schooling
LEB480 Research Methods in Education
MDB300 Teaching in the Information Age
MDB381 Science & Technology in the Community &
Workplace
PRB300 Education, Law & the Beginning Teacher
PRB331 Learning/Teaching Environments
PRB332 Classroom & Behaviour Management

PRB412	Classroom Management: Models & Practice
PRB414	Teaching Strategies
PRB415	Introduction to Educational Administration
PRB416	Classroom Assessment Practices
PRB427	Professional Internship of Associate Teaching

List 4: Curriculum Studies Elective

EDB440	Independent Study ⁴
HMB342	The Development of Teaching Skills in Primary Physical Education
CLB334	Primary LOTE Curriculum Studies
CLB411	Advanced Studies in Film & Media Curriculum
CLB412	Advanced Studies in English/ESL Curriculum
CLB443	Trends in the Teaching of Reading
MDB395	Marine Studies Curriculum
MDB414	Learning Environments Using Information Technology
MDP529	Diagnostic Assessment & Remedial Intervention in Mathematics
PRB381	Progressive Strategies for General & Vocational Education
PRB382	Advanced Skills of Effective Learning & Teaching
PRB384	Studies of Society & Environment
PRB410	Teachers & the Curriculum
PRB421	Business Education Studies
PRB426	The Middle Years Curriculum
CLB453	New Literacies & Technologies across the Curriculum

Note: Discipline Studies units are shown as electives. Specific requirements for these units are dependent on the teaching area coordinator.

List 1: Discipline Studies Units

Students are required to select units according to the teaching area guidelines provided below.

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.

In selecting units, students should seek the advice of the Accounting/Business Management Teaching Area Coordinator.

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 negotiated with the Life Science Adviser.

Extended Major: 120 credit points – as for the major with the remaining 24 credit points in advanced biology units negotiated with the Life Science adviser.

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.

In selecting units, students should seek the advice of the Business Communication and Technologies Teaching Area Coordinator.

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 negotiated with the Chemistry adviser.

Extended Major: 120 credit points – as for the major with the remaining 24 credit points in advanced chemistry units negotiated with the Chemistry adviser.

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 – as for major program plus 24 credit points selected in consultation with the Computing Teaching Area Coordinator.

In selecting units, students should seek the advice of the Computing Teaching Area Coordinator.

⁴ The unit 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) (ED50) COURSE STRUCTURE

STRAND	YEAR 1			YEAR 2			YEAR 3			YEAR 4		TOTAL
	Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Semester 7	Semester 8	Semester 7	Semester 8		
EDUCATION STUDIES		Education in Context (12) Human Development & Education (12)				Psychology of Learning and Teaching (12)	Understanding Educational Practises (12)	Education Studies Elective (12) and Education Studies Elective (12) OR Middle Years Pathway**				72
PROFESSIONAL PRACTICE		Field Experience (2 weeks)+	Secondary Professional Practice 1: Classroom Management (12) (2 weeks)			Secondary Professional Practice 2: Curriculum Decision Making (12) (4 weeks) Field Experience (1 week)	Secondary Professional Practice 3: The Inclusive Curriculum (12) (4 weeks) Field Experience (1 week)	Secondary Professional Practice 4: Beginning Teaching (12) (6 weeks)				48
CURRICULUM STUDIES			Language Technology and Education (12)			Curriculum Studies 1X (12) Curriculum Studies 1Y (12)	Curriculum Studies 2X (12) Curriculum Studies 2Y (12)	Curriculum Elective (12) OR Middle Years Pathway**				72
DISCIPLINE/CONTENT STUDIES	Discipline Studies X (24) Discipline Studies Y (24) OR Indigenous Culture & Identity in the Australian Context (Discipline Z) (12)*	Discipline Studies X (12) Discipline Studies Y (12)	Discipline Studies X (12) Discipline Studies Y (12)	Discipline Studies X (24) Discipline Studies Y (24)	Discipline Studies X/Y/Z (48)							192
TOTAL	48	48	48	48	48	48	48	48	48	48		384

* CLB308 Indigenous Culture and Identity in the Australian Context is a Discipline Z unit. It may be taken in the first semester of the course instead of either a Discipline X unit or a Discipline Y unit which will then need to be made up later in the program, normally in the fifth semester.

** Students choosing the Middle Years Pathway will undertake the following units in semester 8 of the program: PRB427 Professional Internship of Associate Teaching, LEB450 The Middle Years of Schooling, PRB426 The Middle Years Curriculum and PRB346 Secondary Professional Practice 4: Beginning teaching.

+ Field experiences are associated with core Education Studies 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 negotiated with the Earth Science adviser.

Extended Major: 120 credit points – as for the major with the remaining 24 credit points in advanced earth science units negotiated with the Earth Science adviser.

□ **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.

In selecting units, students should seek the advice of the Economics Teaching Area Coordinator.

□ **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.

In selecting units, students should seek the advice of the English Teaching Area Coordinator.

□ **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.

In selecting units, students should seek the advice of the Film and Media Teaching Area Coordinator.

□ **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.

In selecting units, students should seek the advice of the Geography Teaching Area Coordinator.

□ **Health (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.

In selecting units, students should seek the advice of the Health Teaching Area Coordinator.

□ **History (Y)**

Minor: 72 credit points.

Major: 96 credit points.

In selecting units, students should seek the advice of the History Teaching Area Coordinator.

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.

In selecting units, students should seek the advice of the Home Economics Teaching Area Coordinator.

□ **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 72 credit points of level one and the remainder (24 credit points) of advanced units.

Extended Major: 120 credit points – consisting of 96 credit points of level one and the remainder (24 credit points) of advanced units.

In selecting units, students should seek the advice of the Legal Studies Teaching Area Coordinator.

□ **LOTE (Y)**

(Indonesian, Japanese, German and French)

Students wishing to undertake studies in French, Indonesian or Japanese are required to select a specified sequence of six units (72 credit points). In selecting units, students should seek the advice of the LOTE teaching area coordinator.

□ **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 24 credit points chosen in consultation with the Mathematics teaching area coordinator.

Major: 96 credit points – as for the minor program plus an additional 24 credit points chosen in consultation with the Mathematics Teaching Area coordinator.

Extended Major: 120 credit points – as for the major with the remaining 24 credit points in advanced mathematics units.

In selecting units, students should seek the advice of the Mathematics Teaching Area coordinator.

□ **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.

In selecting units, students should seek the advice of the Physical Education Teaching Area Coordinator.

□ **Physics (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 physics units.

Major: 96 credit points – as for the minor with the remaining 24 credit points in advanced Physics units negotiated with the Physics adviser.

Extended Major: 120 credit points – as for the major with the remaining 24 credit points in advanced Physics units negotiated with the Physics adviser.

□ **Science Studies (X)**

Minor: 72 credit points – consisting of 72 credit points of selected level one science 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.

In selecting units, students should seek the advice of the Science Teaching Area Coordinator.

□ **Social Science (X)**

Minor: 72 credit points

Major: 96 credit points

In selecting units, students should seek the advice of the Social Science Teaching Area Coordinator.

Students intending to teach Social Science in secondary schools are strongly encouraged to select at least one unit from each of at least **four** of the following broad areas: Ethics, Gender Studies, Geography and Environmental Studies, History, Political Studies, Sociology, Indigenous Studies.

□ **Diploma of Business (Administration)/Bachelor of Education (Secondary) (ED50) – Double TAFE/QUT Award**

Course Structure

□ **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 & Negotiation
TAFE: Diploma Stage 2

Year 2, Semester 1

BSB115 Management, People & Organisations
AYB121 Financial Accounting
TAFE Diploma Stage 3

Year 2, Semester 2

CLB305 Education in Context
LEB335 Human Development & Education
BSB114 Government, Business & Society
AYB221 Computerised Accounting Systems

Year 3, Semester 1

PRB343 Secondary Professional Practice 1:
Classroom Management
CLB341 Language Technology & Education
AYB225 Management Accounting 1
Accounting/Business Management teaching
area unit

Year 3, Semester 2

LEB336 Psychology of Learning & Teaching
PRB344 Secondary Professional Practice 2:
Curriculum Decision Making
PRB355 Accounting/Business Management
Curriculum Studies 1
PRB357 Business Communication & Technologies
Curriculum Studies 1

Year 4, Semester 1

CLB306 Understanding Educational Practices
PRB345 Secondary Professional Practice 3:The
Inclusive Curriculum
PRB356 Accounting/Business Management
Curriculum Studies 2
PRB358 Business Communication & Technologies
Curriculum Studies 2

Year 4, Semester 2

Education Studies electives (2) (List 3 -
ED50)
PRB346 Secondary Professional Practice 4:Beginning
Teaching
Curriculum Studies elective (List 4 - ED50)

□ *Option 2*

First teaching area: Business Communication
and Technologies

Second teaching area: Accounting/Business
Management

Year 1, Semester 1 - Year 2, Semester 1

As for Option 1

Year 2, Semester 2

CLB305 Education in Context
LEB335 Human Development & Education
AYB221 Computerised Accounting Systems
Plus
AYB225 Management Accounting 1
OR
BSB114 Government, Business & Society

Year 3, Semester 1

PRB343 Secondary Professional Practice 1:
Classroom Management
CLB341 Language Technology & Education

COB204 Communication Technology for
Organisations
COB212 Office Procedures

Year 3, Semester 2

LEB336 Psychology of Learning & Teaching
PRB344 Secondary Professional Practice 2:
Curriculum Decision Making
PRB355 Accounting/Business Management
Curriculum Studies 1
PRB357 BCT Curriculum Studies 1

Year 4, Semester 1

CLB306 Understanding Educational Practices
PRB345 Secondary Professional Practice 3:The
Inclusive Curriculum
PRB356 Accounting/Business Management
Curriculum Studies 2
PRB358 Business Communication & Technologies
Curriculum Studies 2

Year 4, Semester 2

Education Studies electives (2) (List 3 -
ED50)
PRB346 Secondary Professional Practice 4:
Beginning Teaching
Curriculum Studies elective (List 4 - ED50)

On successful completion of the TAFE Diploma,
students will receive exemption for 84 credit points
towards the B Ed (Secondary) for the following units:

COB172 Records Management
COB173 Text Formatting
COB215 Supervision & Administration
General Business Studies units (48 credit
points)

■ **Bachelor of Education (Early Childhood) Graduate Course (ED57)**

■ **Bachelor of Education (Primary) Graduate Course (ED56)**

■ **Bachelor of Education (Secondary) Graduate Course (ED55)**

Location: Kelvin Grove campus

Course Duration: 2 years full-time/external, 4 years
part-time/external

Note: Some curriculum areas will not be available
in external mode.

Students may accelerate their progress in the course
to a minimum of eighteen months by taking
advantage of the fee-paying summer program option.

Total Credit Points: 192

Course Coordinator: Dr John Fanshawe

TAFE DIPLOMA OF BUSINESS (ADMINISTRATION)/BACHELOR OF EDUCATION (SECONDARY)

Major: Business Communication and Technologies Minor: Accounting/Business Management

STRAND	YEAR 1		YEAR 2		YEAR 3		YEAR 4		TOTAL
	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	
EDUCATION STUDIES				CLB305 Education in Context (12) LEB335 Human Development & Education (12)	LEB336 Psychology of Learning & Teaching (12)	CLB306 Understanding Educational Practices (12)	Education Studies Elective A (12) Education Studies Elective B (12)		72
PROFESSIONAL PRACTICE				Field Experience (2 weeks)	PRB343 Secondary Professional Practice 1: Classroom Management (12) (2 weeks)	PRB344 Secondary Professional Practice 2: Curriculum Decision Making (12) (4 weeks) Field Experience (1 week)	PRB345 Secondary Professional Practice 3: Curriculum (12) (4 weeks) Field Experience (1 week)	PRB346 Secondary Professional Practice 4: Beginning Teaching (12) (6 weeks) Field Experience (1 week)	48
CURRICULUM STUDIES					CLB341 Language, Technology & Education (12)	PRB357 BCT Curriculum Studies 1 (12) PRB355 Acc/Bus Management Curriculum Studies 1 (12)	PRB358 BCT Curriculum Studies 2 (12) PRB356 Acc/Bus Management Curriculum Studies 2 (12)	Curriculum Elective (12)	72
DISCIPLINE/CONTENT STUDIES	TAFE: Diploma – Stage 1 QUT: BSB112 Introduction to Electronic Commerce (12)	TAFE: Diploma – Stage 1 QUT: BSB110 Accounting (12) BSB117 Prof Communication & Negotiation (12)	TAFE: Diploma – Stage 3 QUT: BSB115 Management, People & Organisations (12) AYB121 Financial Accounting (12)	QUT: AYB221 Computerised Accounting Systems (12) plus AYB225 Management Accounting 1 (12) BSB114 Government, Business & Society (12)	QUT: COB204 Communication Technology for Organisations (12) COB212 Office Procedures (12)				84 from TAFE + 108 from QUT = 192
QUT CREDIT POINTS	12	24	24	48	48	48	48	48	384

On successful completion of the TAFE Diploma of Business, students are eligible for the following exemptions: COB172 Records Management (12 credit points), COB173 Text Formatting (12 credit points), COB215 Supervision and Administration (12 credit points), plus 48 credit points for General Business Studies units towards the BEd (Secondary) course.

Associate Course Coordinators:

Early Childhood: Dr Carmel Diezmann

Primary: Dr Tania Aspland

Secondary: Dr Christine Eastwood

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.

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.

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 (eg. LOTE, Primary LOTE, Drama, Dance, Music, Visual Arts).

BACHELOR OF EDUCATION (EARLY CHILDHOOD) GRADUATE COURSE (ED57)

Full-time/External Course Structure

Year 1, Semester 1

CLB305	Education in Context
EAB442	Early Childhood Foundations 1
EAB347	Early Childhood Curriculum: Early Mathematics Explorations
PRB424	Early Childhood Professional Practice: Preschool/Kindergarten

Year 1, Semester 2

LEB335	Human Development & Education
EAB345	Early Childhood Curriculum: Language Education
EAB443	Early Childhood Foundations 2
PRB423	Early Childhood Professional Practice: Lower Primary

Year 2, Semester 1

LEB336	Psychology of Learning & Teaching
PRB422	Early Childhood Professional Practice: Child Care
EAB348	Early Childhood Curriculum: Arts
EAB413	Management of Early Childhood Services

Year 2, Semester 2

CLB306	Understanding Educational Practices
EAB346	Early Childhood Curriculum: Science/Society & the Environment
EAB444	Early Childhood Foundations 3
PRB425	Early Childhood Professional Practice 4: Choice

Full-time/External Accelerated Progression Course Structure

Year 1, Semester 1

As above

Year 1, Semester 2

As above

Year 1, Semester 3

CLB306	Understanding Educational Practices
PRB422	Early Childhood Professional Practice: Child Care
EAB346	Early Childhood Curriculum: Science/Society & the Environment
EAB444	Early Childhood Foundations 3

Year 2, Semester 1

LEB336	Psychology of Learning & Teaching
EAB413	Management of Early Childhood Services
EAB348	Early Childhood Curriculum: Arts
PRB425	Early Childhood Professional Practice: Choice

Part-time/External Course Structure Standard Structure

Year 1, Semester 1

CLB305	Education in Context
EAB442	Early Childhood Foundations 1

Year 1, Semester 2

LEB335	Human Development & Education
EAB443	Early Childhood Foundations 2

Year 2, Semester 1

EAB347	Early Childhood Curriculum: Early Mathematics Explorations
PRB424	Early Childhood Professional Practice: Preschool/Kindergarten

Year 2, Semester 2

EAB345	Early Childhood Curriculum: Language Education
PRB423	Early Childhood Professional Practice: Lower Primary

Year 3, Semester 1

LEB336	Psychology of Learning & Teaching
EAB348	Early Childhood Curriculum: Arts

Year 3, Semester 2

EAB346	Early Childhood Curriculum: Science/Society & the Environment
CLB306	Understanding Educational Practices

Year 4, Semester 1

EAB413	Management of Early Childhood Services
PRB422	Early Childhood Professional Practice: Child Care

Year 4, Semester 2

EAB444	Early Childhood Foundations 3
PRB425	Early Childhood Professional Practice: Choice

Part-time/External Accelerated Progression Course Structure

Year 1, Semester 1

As for part-time/external structure

TAFE DIPLOMA OF BUSINESS (ADMINISTRATION) / BACHELOR OF EDUCATION (SECONDARY)

Major: Accounting/Business Management Minor: Business Communication and Technologies

STRAND	YEAR 1		YEAR 2		YEAR 3		YEAR 4		TOTAL
	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	
EDUCATION STUDIES			Semester 1 CLB305 Education in Context (12) LEB335 Human Development & Education (12)	Semester 2 Field Experience (2 weeks)	Semester 1 PRB343 Secondary Professional Practice 1: Classroom Management (12) (2 weeks)	Semester 2 LEB336 Psychology of Learning & Teaching (12) PRB344 Secondary Professional Practice 2: Curriculum Decision Making (12) (4 weeks) Field Experience (1 week)	Semester 1 CLB306 Understanding Educational Practices (12)	Semester 2 Education Studies Elective A (12) Education Studies Elective B (12)	72
PROFESSIONAL PRACTICE									48
CURRICULUM STUDIES					CLB341 Language, Technology & Education (12)	PRB357 BCT Curriculum Studies 1 (12) PRB355 Acc/Bus Management Curriculum Studies 1 (12)	PRB358 BCT Curriculum Studies 2 (12) PRB356 Acc/Bus Management Curriculum Studies 2 (12)	Curriculum Elective (12)	72
DISCIPLINE/CONTENT STUDIES	TAFE: Diploma – Stage 1 QUT: BSB112 Introduction to Electronic Commerce (12)	TAFE: Diploma – Stage 1 QUT: BSB110 Accounting (12) BSB117 Professional Communication & Negotiation (12)	TAFE: Diploma – Stage 3 QUT: BSB115 Management, People & Organisations (12) AYB121 Financial Accounting (12)	QUT: BSB114 Government, Business & Society (12) AYB221 Computerised Accounting Systems (12)	QUT: 2 units chosen from: AYB225 Management Accounting 1 (12) and additional Management units (12)				84 from TAFE + 108 from QUT = 192
QUT CREDIT POINTS	12	24	24	48	48	48	48	48	384

On successful completion of the TAFE Diploma of Business, students are eligible for the following exemptions: COB172 Records Management (12 credit points), COB173 Text Formatting (12 credit points), COB215 Supervision and Administration (12 credit points), plus 48 credit points for General Business Studies units towards the BEd (Secondary) course.

**BACHELOR OF EDUCATION (EARLY CHILDHOOD) GRADUATE COURSE (ED57)
COURSE STRUCTURE – NORMAL PROGRESSION**

STRAND	YEAR 1		YEAR 2		TOTAL
	Semester 1	Semester 2	Semester 1	Semester 2	
EDUCATION STUDIES	Education in Context (12)	Human Development & Education (12)	Psychology of Learning & Teaching (12)	Understanding Educational Practices (12)	48
PROFESSIONAL PRACTICE	Early Childhood Professional Practice: Preschool / Kindergarten (12) Field Experience (2 weeks) ¹	Early Childhood Professional Practice: Lower Primary (12) (4 weeks) Field Experience (2 weeks) ¹	Early Childhood Professional Practice: Child Care (12) (4 weeks) Field Experience (2 weeks) ¹	Early Childhood Professional Practice: Choice (12) (4 weeks) Field Experience (2 weeks) ¹	48
CURRICULUM STUDIES	Early Childhood Foundations 1 (12) Early Childhood Curriculum: Early Mathematics Explorations (12)	Early Childhood Curriculum: Language Education (12) Early Childhood Foundations 2 (12)	Management of Early Childhood Services (12) Early Childhood Curriculum: Arts (12)	Early Childhood Foundations 3 (12) Early Childhood Curriculum: Science / Society and the Environment (12)	96
TOTAL	48	48	48	48	192

¹ Credit points for this field experience come from the Education Studies and Professional Practice units in the corresponding semesters (10 days each).

Year 1, Semester 2

As for part-time/external structure

Year 1, Semester 3

CLB306 Understanding Educational Practices
EAB346 Early Childhood Curriculum: Science/
Society & the Environment

Year 2, Semester 1

EAB347 Early Childhood Curriculum: Early
Mathematics Explorations
PRB424 Early Childhood Professional Practice:
Preschool/Kindergarten

Year 2, Semester 2

EAB345 Early Childhood Curriculum: Language
Education
PRB423 Early Childhood Professional Practice:
Lower Primary

Year 2, Semester 3

PRB422 Early Childhood Professional Practice:
Child Care
EAB444 Early Childhood Foundations 3

Year 3, Semester 1

EAB348 Early Childhood Curriculum: Arts
LEB336 Psychology of Learning & Teaching

Year 3, Semester 2

PRB425 Early Childhood Professional Practice:
Choice
EAB413 Management of Early Childhood Services

BACHELOR OF EDUCATION (PRIMARY) GRADUATE COURSE (ED56)

Course Structure for Commencing Students

Year 1, Semester 1

CLB305 Education in Context
MDB450 Primary Mathematics Curriculum
PRB347 Primary Professional Practice 1: Classroom
Management
PRB387 Studies of Society & Environment
Curriculum

Year 1, Semester 2

CLB454 Language & Literacy Curriculum
LEB335 Human Development & Education
MDB383 Using Technology in the Curriculum
PRB348 Primary Professional Practice 2:
Curriculum Decision Making

Year 2, Semester 1

LEB336 Psychology of Learning & Teaching
PRB349 Primary Professional Practice 3: The
Inclusive Curriculum
HMB307 Health & Physical Education Curriculum
and either:

CLB413 Programming & Assessment in Language &
Mathematics
OR

CLB334 Primary LOTE Curriculum Studies¹¹

Year 2, Semester 2

CLB306 Understanding Educational Practices
AAB914 Visual & Performing Arts Curriculum
MDB384 Science Education
PRB350 Primary Professional Practice 4: Reflective
Practice

Accelerated Structure

Year 1, Semester 1

CLB305 Education in Context
MDB450 Primary Mathematics Curriculum
PRB347 Primary Professional Practice 1: Classroom
Management
PRB387 Studies of Society & Environment
Curriculum

Year 1, Semester 2

AAB914 Visual & Performing Arts Curriculum
CLB454 Language & Literacy Curriculum
MDB383 Using Technology in the Curriculum
PRB348 Primary Professional Practice 2: Curriculum
Decision Making

Year 1, Semester 3

LEB335 Human Development & Education
PRB349 Primary Professional Practice 3: The
Inclusive Curriculum
MDB384 Science Education
CLB306 Understanding Educational Practices

Year 2, Semester 1

PRB350 Primary Professional Practice 4: Reflective
Practice
LEB336 Psychology of Learning & Teaching
HMB307 Health & Physical Education Curriculum
and either:

CLB413 Programming & Assessment in Language &
Mathematics
OR

CLB334 Primary LOTE Curriculum Studies¹¹

Part-time Course Structure Standard Structure

Year 1, Semester 1

CLB305 Education in Context
MDB450 Primary Mathematics Curriculum

Year 1, Semester 2

LEB335 Human Development & Education
MDB383 Using Technology in the Curriculum

Year 2, Semester 1

PRB387 Studies of Society & Environment
Curriculum
PRB347 Primary Professional Practice 1: Classroom
Management

Year 2, Semester 2

CLB454 Language & Literacy Curriculum
PRB348 Primary Professional Practice 2: Curriculum
Decision Making

Year 3, Semester 1

HMB307 Health & Physical Education Curriculum
LEB336 Psychology of Learning & Teaching

¹¹ For students with an approved LOTE background in their undergraduate degree.

**BACHELOR OF EDUCATION (PRIMARY) GRADUATE COURSE (ED56)
FULL-TIME COURSE STRUCTURE**

STRAND	YEAR 1		YEAR 2		TOTAL
	Semester 1	Semester 2	Semester 1	Semester 2	
EDUCATION STUDIES	CLB305 Education in Context (12)	LEB335 Human Development & Education (12)	LEB336 Psychology of Learning & Teaching (12)	CLB306 Understanding Educational Practices (12)	48
PROFESSIONAL PRACTICE	PRB347 Primary Professional Practice 1: Classroom Management (12)(2 weeks) Field Experience (1 week)	PRB348 Primary Professional Practice 2: Curriculum Decision Making (12) (4 weeks)	PRB349 Primary Professional Practice 3: The Inclusive Curriculum (12) (4 weeks) Field Experience (2 weeks)	PRB350 Primary Professional Practice 4: Reflective Practice (12) (6 weeks) Field Experience (1 week)	48
CURRICULUM STUDIES	PRB387 Studies of Society & Environment Curriculum (12) MDB450 Primary Mathematics Curriculum (12)	CLB454 Language and Literacy Curriculum (12) MDB383 Using Technology in the Curriculum (12)	CLB413 Programming & Assessment in Language & Mathematics (12) OR CLB334 Primary LOTE Curriculum Studies* (12) HMB307 Health & Physical Education (12)	AAB914 Visual & Performing Arts Curriculum (12) MDB384 Science Education (12)	96
TOTAL	48	48	48	48	192

* For students with an approved LOTE background in their undergraduate degree.

Year 3, Semester 2

CLB306 Understanding Educational Practices
MDB384 Science Education

Year 4, Semester 1

PRB349 Primary Professional Practice 3: The Inclusive Curriculum

And either:

CLB413 Programming & Assessment in Language & Mathematics
OR

CLB334 Primary LOTE Curriculum Studies¹¹

Year 4, Semester 2

AAB914 Visual & Performing Arts Curriculum
PRB350 Primary Professional Practice 4: Reflective Practice

Accelerated Part-time Course Structure

Year 1, Semester 1

CLB305 Education in Context
MDB450 Primary Mathematics Curriculum

Year 1, Semester 2

CLB454 Language & Literacy Curriculum
MDB383 Using Technology in the Curriculum

Year 1, Semester 3

CLB306 Understanding Educational Practices
PRB387 Studies of Society & Environment Curriculum

Year 2, Semester 1

LEB335 Human Development & Education
PRB347 Primary Professional Practice 1: Classroom Management

Year 2, Semester 2

PRB348 Primary Professional Practice 2: Curriculum Decision Making
HMB307 Health & Physical Education Curriculum

Year 2, Semester 3

LEB336 Psychology of Learning & Teaching
MDB384 Science Education

Year 3, Semester 1

PRB349 Primary Professional Practice 3: The Inclusive Curriculum

And either:

CLB413 Programming & Assessment in Language & Mathematics
OR

CLB334 Primary LOTE Curriculum Studies¹¹

Year 3, Semester 2

AAB914 Visual & Performing Arts Curriculum
PRB350 Primary Professional Practice 4: Reflective Practice

BACHELOR OF EDUCATION (SECONDARY) GRADUATE COURSE (ED55)

Location: Kelvin Grove campus

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. 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
Art
Drama
Dance
Music (Secondary)
English as a Second Language
Primary Languages Other Than English (Primary LOTE)

Group Y

Accounting/Business Management
Biology
Chemistry
Earth Science
Economics
English
Film & Media
French
German
Indonesian
Japanese
Chinese
Italian
Korean
Geography
Health Education
History
Legal Studies
Mathematics
Physics
Music (Primary/Instrumental)

In addition to the above, the following are allowable combinations:

- Dance with Drama or Music (Secondary)
- Drama with Music (Secondary)
- History with Geography
- Film and Media with History or Geography or LOTE
- Computing with Business Communication and Technologies.

¹¹ For students with an approved LOTE background in their undergraduate degree.

BACHELOR OF EDUCATION (SECONDARY) GRADUATE COURSE (ED55) COURSE STRUCTURE

STRAND	YEAR 1		YEAR 2		TOTAL
	Semester 1	Semester 2	Semester 1	Semester 2	
EDUCATION STUDIES	CLB305 Education in Context (12) LEB335 Human Development & Education (12)	LEB336 Psychology of Learning & Teaching (12)	CLB306 Understanding Educational Practices (12)	Education Studies Elective (12) Education Studies Elective (12) OR Middle Years Pathway*	72
PROFESSIONAL PRACTICE	PRB343 Secondary Professional Practice 1: Classroom Management (12)(2 weeks)	PRB344 Secondary Professional Practice 2: Curriculum Decision Making (12)**(4 weeks)	PRB345 Secondary Professional Practice 3: The Inclusive Curriculum (12) (4 weeks)	PRB346 Secondary Professional Practice 4: Beginning Teaching (12) (6 weeks)	48
CURRICULUM STUDIES	CLB341 Language Technology & Education (12)	Curriculum Studies 1X (12)** Curriculum Studies 1Y (12)	Curriculum Studies 2X (12)** Curriculum Studies 2Y (12)	Curriculum Elective (12)** OR Middle Years Pathway*	72
TOTAL	48	48	48	48	192

* Students who elect to undertake the Middle Years Pathway will complete the following units in their final semester(s) of study *PRB427 Professional Internship of Associate Teaching; LEB450 The Middle Years of Schooling; PRB426 The Middle Years of Curriculum, and PRB346 Secondary Professional Practice 4: Beginning Teaching.*

** Students undertaking the option of a double LOTE specialisation must take *LOTE as the first teaching area and Primary LOTE as the second teaching area. Students must undertake LOTE and Primary LOTE Curriculum Studies 1 and 2 in semesters 2 and 3. In semester 3, students will be given teaching experience in primary schools during PRB345 Secondary Professional Practice 3: The Inclusive Curriculum.*

Course Notes

Health Education may be chosen as a second teaching area by students already accepted into another teaching area.

English as a Second Language (ESL) can be chosen as a second teaching area only with English or LOTE as the first teaching area.

Students undertaking the option of a double LOTE specialisation must take LOTE as the first teaching area and Primary LOTE as the second teaching area. Students must complete LOTE and Primary LOTE Curriculum Studies 1 and 2. These students will be given LOTE teaching experience in primary schools during the Secondary Professional Practice 3: The Inclusive Curriculum.

Full-time/External Course Structure

Year 1, Semester 1

- CLB305 Education in Context
- LEB335 Human Development & Education
- PRB343 Secondary Professional Practice 1: Classroom Management
- CLB341 Language, Technology & Education

Year 1, Semester 2

- LEB336 Psychology of Learning & Teaching
- PRB344 Secondary Professional Practice 2: Curriculum Decision Making
- Curriculum Studies 1X (see List 1)
- Curriculum Studies 1Y (see List 1)

Year 2, Semester 1

- CLB306 Understanding Educational Practices
- PRB345 Secondary Professional Practice 3: The Inclusive Curriculum
- Curriculum Studies 2X
- Curriculum Studies 2Y

Year 2, Semester 2

- Education Studies elective
- Education Studies elective
- PRB346 Secondary Professional Practice 4: Beginning Teaching
- Curriculum elective

OR Middle Years Pathway

- PRB346 Secondary Professional Practice 4: Beginning Teaching
- LEB450 The Middle Years of Schooling
- PRB426 The Middle Years Curriculum
- PRB427 Professional Internship of Associate Teaching

Full-time/External Accelerated Progression Course Structure

Year 1, Semester 1

As above

Year 1, Semester 2

As above

Year 1, Summer Program

- Education Studies elective
- Education Studies elective

Curriculum elective

- PRB345 Secondary Professional Practice 3: The Inclusive Curriculum

Year 2, Semester 1

- CLB306 Understanding Educational Practices
- PRB346 Secondary Professional Practice 4: Beginning Teaching
- Curriculum Studies 2X (see List 2)
- Curriculum Studies 2Y (see List 2)

Part-time/External Course Structure

Year 1, Semester 1

- LEB335 Human Development & Education
- CLB341 Language Technology & Education

Year 1, Semester 2

- LEB336 Psychology of Learning & Teaching
- Curriculum Studies 1X

Year 2, Semester 1

- CLB305 Education in Context
- PRB343 Secondary Professional Practice 1: Classroom Management

Year 2, Semester 2

- PRB344 Secondary Professional Practice 2: Curriculum Decision Making
- Curriculum Studies 1Y (see List 1)

Year 3, Semester 1

- CLB306 Understanding Educational Practices
- Curriculum Studies 2X (see List 2)

Year 3, Semester 2

- Education Studies elective
- Education Studies elective

Year 4, Semester 1

- PRB345 Secondary Professional Practice 3: The Inclusive Curriculum
- Curriculum Studies 2Y (see List 2)

Year 4, Semester 2

- PRB346 Secondary Professional Practice 4: Beginning Teaching
- Curriculum elective

Part-time/External Accelerated Progression Course Structure

Year 1, Semester 1

- CLB305 Education in Context
- CLB341 Language, Technology & Education

Year 1, Semester 2

- LEB335 Human Development & Education
- Curriculum Studies 1X (see List 1)

Year 1, Summer Program

- CLB306 Understanding Educational Practices
- Education Studies elective

Year 2, Semester 1

- PRB343 Secondary Professional Practice 1: Classroom Management
- Curriculum Studies 2X (see List 2)

Year 2, Semester 2

- PRB344 Secondary Professional Practice 2: Curriculum Decision Making
- Curriculum Studies 1Y (see List 1)

Year 2, Summer Program

LEB336 Psychology of Learning & Teaching
Curriculum elective

Year 3, Semester 1

PRB345 Secondary Professional Practice 3: The
Inclusive Curriculum
Curriculum Studies 2Y (see List 2)

Year 3, Semester 2

PRB346 Secondary Professional Practice 4:
Beginning Teaching
Education Studies elective

LIST 1: Curriculum Studies 1X and 1Y

These two units must correspond with your two teaching areas.

AAB412 Art Curriculum Studies 1
AAB414 Drama Curriculum Studies 1
AAB421 Dance Curriculum Studies 1
AAP423 Music 1 Curriculum Studies 1 (Secondary)
AAP434 Music 1A Curriculum Studies 1 (Primary/
Instrumental)
HMB310 Physical Education Curriculum Studies 1
HMB390 Health Education Curriculum Studies 1
CLB325 English Curriculum Studies 1
CLB327 Film & Media Curriculum Studies 1
CLB329 LOTE Curriculum Studies 1
CLB447 ESL Curriculum Studies 1
CLB449 Primary LOTE Curriculum Studies 1
MDB325 Biology Curriculum Studies 1
MDB327 Chemistry Curriculum Studies 1
MDB329 Computing Curriculum Studies 1
MDB331 Earth Science Curriculum Studies 1
MDB333 Mathematics Curriculum Studies 1
MDB335 Physics Curriculum Studies 1
MDB337 Science Curriculum Studies 1
PRB355 Accounting/Business Management
Curriculum Studies 1
PRB357 Business Communication Technologies &
Curriculum Studies 1
PRB359 Economics Curriculum Studies 1
PRB361 Geography Curriculum Studies 1
PRB363 History Curriculum Studies 1
PRB365 Legal Studies Curriculum Studies 1
PRB367 Social Science Curriculum Studies 1
PUB312 Home Economics Curriculum Studies 1

LIST 2 : Curriculum Studies 2X and 2Y

These two units must correspond with your two teaching areas.

AAB413 Art Curriculum Studies 2
AAB415 Drama Curriculum Studies 2
AAB429 Dance Curriculum Studies 2
AAP431 Music 2 Curriculum Studies 2 (Secondary)
AAP433 Music 2A Curriculum Studies 2 (Primary/
Instrumental)
HMB370 Physical Education Curriculum Studies 2
HMB395 Health Education Curriculum Studies 2
CLB326 English Curriculum Studies 2
CLB328 Film & Media Curriculum Studies 2
CLB330 LOTE Curriculum Studies 2
CLB448 ESL Curriculum Studies 2

CLB450 Primary LOTE Curriculum Studies 2
MDB326 Biology Curriculum Studies 2
MDB328 Chemistry Curriculum Studies 2
MDB330 Computing Curriculum Studies 2
MDB332 Earth Science Curriculum Studies 2
MDB334 Mathematics Curriculum Studies 2
MDB336 Physics Curriculum Studies 2
MDB338 Science Curriculum Studies 2
PRB356 Accounting/Business Management
Curriculum Studies 2
PRB358 Business Communication Technology
Curriculum Studies 2
PRB360 Economics Curriculum Studies 2
PRB362 Geography Curriculum Studies 2
PRB364 History Curriculum Studies 2
PRB366 Legal Studies Curriculum Studies 2
PRB368 Social Science Curriculum Studies 2
PUB322 Home Economics Curriculum Studies 2

Education Studies Electives and Curriculum Electives:

Refer to the ED50 Bachelor of Education (Secondary) course entry.



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■ Master of Public Health (PU85)	296
■ Graduate Diploma in Nursing (NS64)	298
■ Graduate Diploma in Midwifery (NS68)	302
■ Graduate Diploma in Health Promotion (PU69)	303
■ Graduate Diploma in Health Science (HL68)	303
■ Graduate Diploma in Occupational Health And Safety (PU65)	303
■ Graduate Diploma in Public Health (PU60)	304
■ Graduate Certificate in Health Science (HL38)	304
■ Graduate Certificate in Human Movement Studies (Professional Studies) (HM30)	304
■ Graduate Certificate in Exercise and Sports Nutrition (HM33)	305
■ Graduate Certificate in Ergonomics and Human Factors (HM35)*	305
■ Graduate Certificate in Sports Studies (HM38)*	306
■ Graduate Certificate in Intensive Care Nursing (NS30)	306
■ Graduate Certificate in Cancer Nursing (NS31)	306
■ Graduate Certificate in Medical/Surgical Nursing (NS33)	307
■ Graduate Certificate in Community Practice (NS34)*	307
■ Graduate Certificate in Paediatric, Child and Youth Health Nursing (NS35)*	308
■ Graduate Certificate in Women’s Health (NS36)	308
■ Graduate Certificate in Aged Care (NS39)	308
■ Graduate Certificate in Environmental Health (PU32)	309
■ Graduate Certificate in Health Services Management (PU38)	309
■ Graduate Certificate in Health Promotion (PU39)	310
■ Bachelor of Applied Science (Honours) (HL52)	310
Bachelor of Nursing (Honours) (HL50)	310
Bachelor of Health Science (Honours) (HL55)	310
■ Bachelor of Applied Science (Environmental Health) (PU42)	311
■ Bachelor of Applied Science (Human Movement Studies) (HM42)	311

*Subject to final approval.

■ Bachelor of Applied Science (Occupational Health and Safety) (PU44)	312
■ Bachelor of Applied Science (Optometry) (OP42)	312
■ Bachelor of Applied Science (Podiatry) (PU45)	313
■ Bachelor of Business (PU47/PU48)	313
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■ Bachelor of Nursing (Postregistration) (NS48)	319
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■ Bachelor of Nursing/Bachelor of Health Science (Public Health) (HL46)	324

OVERVIEW

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

The faculty has more than 3000 students enrolled in undergraduate and postgraduate programs. Undergraduate degree programs are delivered through four discipline-based schools of Human Movement Studies, Nursing, Optometry, and Public Health.

The **School of Public Health** is the most diverse of the Faculty's schools, offering undergraduate majors in areas such as occupational health and safety, environmental health, podiatry, nutrition and dietetics, health information management, health services management, 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.

The **School of Nursing** is Queensland's largest provider of nursing education. The school offers a wide range of programs for pre- and post-registration nurses, as well as specialised postgraduate programs.

The **School of Human Movement Studies** offers undergraduate programs that respond to growing community awareness of health, well-being, and fitness issues. The school provides specialist education in the areas of physical activity and disability and exercise science.

The **School of Optometry** is the only training facility in Queensland and one of three in Australia.

Located at QUT's Kelvin Grove campus, the Faculty of Health maintains close ties with the health industry and works 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.

Two purpose-built complexes house state-of-the-art facilities including teaching clinics for podiatry, optometry and human movement studies, a biomechanics laboratory, computer rooms installed with the latest in health-related software, computerised lecture theatres, and fully equipped research laboratories.

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. The centre also takes on development of ophthalmic appliances and materials for the ophthalmic and pharmaceutical industries.

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 L. Carney
Phone: +61 7 3864 5738

CENTRE FOR NURSING RESEARCH

The primary aim 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, disability, 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: Prof M. Courtney
Phone: +61 7 3864 3887

CENTRE FOR PUBLIC HEALTH RESEARCH

The Centre for Public Health Research within the School of Public Health and the National Centre for Classification in Health are strongly committed to research and are rapidly developing a culture that reflects the staff's diverse expertise and interests. The team of researchers includes health professionals, epidemiologists, social and behavioural scientists, bio-statisticians and a range of other specialist areas. Research is funded by the health industry and competitive research grants. Most local and international projects involve close cooperation with the target populations and collaboration with other institutions and agencies.

General research areas include:

- promoting child and adolescent physical and mental health in schools and other settings
- promoting health and safety in the workplace setting
- improving delivery of care in health and community settings
- understanding psychosocial and economic determinants of health and health outcomes
- improving public health practice through workforce development, training and policy development.

Health issues of particular interest include socioeconomic inequality, nutrition and diet, cancer, palliative care, diabetes, cardiovascular disease, smoking, alcohol use, physical inactivity, sexual health, social and mental health, environmental health, indigenous health, occupational health and safety, neurological diseases and genetic epidemiology.

Research Director: Professor B. Newman BA UC Santa Cruz, MS UC Davis, PhD UC Berkeley

Postgraduate Research Studies Director: Dr J. Nicholson, BSc Otago, BSc (Hons) VUW, MSc Canterbury, PhD Qld

Phone: +61 7 3864 5883

THE CENTRE FOR INDIGENOUS HEALTH EDUCATION & RESEARCH

The Centre for Indigenous Health Education & 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 will improve 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 will build research partnerships with communities, and develop new models of Indigenous health research incorporating Indigenous approaches to health and community.

QUT Coordinator: Dr E. Parker
Phone: +61 7 3864 3371

RESEARCH CONCENTRATION IN PHYSICAL ACTIVITY AND DISABILITY

Physical activity and disability is studied from both specialised and multidisciplinary perspectives to benefit patient groups and foster joint research among clinicians and scientists within Australia and overseas. Research falls into the following principal areas.

Cardiorespiratory

Research into physiological dysfunction and impairment of functional capacity in peripheral arterial disease (PAD) uses novel techniques to investigate changes in physiology at the cellular level and evaluate appropriate exercise programs.

Energy Metabolism and Nutrition

A state-of-the-art mass spectrometer is being used to investigate fundamental aspects of human energy metabolism and nutrition. The laboratory's collaborative projects involve groups in Scotland, Ireland and New Zealand and Australia. Current projects include the nutritional requirements of ballet dancers, the energy cost of bone marrow transplants in cancer patients, the relationship between physical activity levels in children and cardiovascular health, and the energy requirements of elite gymnasts.

□ **Immune System Function**

Research focuses on the effects of both acute exercise and exercise prescription on immune function in a variety of populations such as elite gymnasts, cancer patients and the elderly. A model to predict immunomodulation caused by different intensities and durations of acute exercise is being developed.

□ **Musculo-skeletal**

Work is underway to determine the effects of disuse and compensatory use on both skeletal and muscular structures in patients with either transfemoral or transtibial amputation. Other research analyses musculo-skeletal injury among dancers, particularly testing the hypothesis that injury is associated with imbalances in range of movement and muscular strength. Other studies involve development of a safe and practical technique to measure low-frequency mechanical shocks and vibrations in the musculo-skeletal system during normal activity.

□ **Neurological and Motor Control**

Projects focus on the mechanisms of movement control, learning and coordination in health and disease. Research ranges from studies of children with development coordination disorder, through investigations of sensory mechanisms involved in proprioception to research in visuomotor adaptation and the control of balance in diabetes patients. Various specialised movement and metal recording techniques are used.

□ **Clinical Activities**

The School of Human Movement Studies Clinic continues to expand its patient base in areas of weight management and exercise, motor development disorders, and corporate fitness and health-related appraisal. The clinical gait analysis facility complements the School's existing gait facility in the biomechanics laboratory. The gait clinic will be used to support projects on gait disorders and problems experienced by people after motor accidents. Community screening programs following referral from practitioners are proposed.

Director: Dr G. Kerr
Phone: +61 7 3864 5542

SENIOR STAFF

□ **Faculty Office**

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

Academic Adviser to the Dean: M.L. Fleming, DipT, BEd *Kelvin Grove, MA Ohio S*, PhD *Qld*

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, FRNCA

Professor: M. Courtney, BAdmin(Accounting) *Griff.*, MHP *UNSW*, PhD *UNE*, RN, FRCNA

□ **School of Optometry**

Head: Professor L.G. Carney, BAppSc MSc(Optom) PhD *Melb.*, 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 Public Health**

Head: B.F. Oldenburg, BSc(Hons), MPsych PhD *UNSW*

Associate Professors:

M.Capra, MSc *Syd*, PhD *Otago*

S.Capra, BSc(Hons), DipNutDiet *Syd*, MSocSc *Birm*, PhD *Qld*

D.Stewart, BA(Hons) *Durh*, MA(Ed) *Leic*, PGCertEd *Oxf.*, MPH *UNSW*, PhD *Otago*

■ Doctor of Health Science (HL90)

Location: Kelvin Grove campus

Course Duration: 3 years full-time, 6 years part-time

Total Credit Points: 288

Standard Credit Points/Full-time Semester: 48 (Average)

Course Coordinator: Associate Professor Sandra Capra

Entry Requirements

On the recommendation of the Dean of the Faculty of Health, the Research Degrees Committee may admit to candidature for the degree an applicant who:

- (i) holds (or has completed the requirements for) 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; or
- (ii) if, in the deans 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 applications, 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.

Articulation

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 it 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 lists of major fields listed below. To achieve the appropriate advanced levels they must:

- (a) choose one of the major study areas
- (b) complete 4 units form their major study area
- (c) complete 2 units in research methods
- (d) complete 4 units from List B
- (e) complete 2 approved elective units.

Full-time Course Structure

Year 1, Semester 1

Core unit in Research Methods
Major Study 1
Major Study 2
Elective unit

Year 1, Semester 2

Core unit in Research Methods
Major Study 3
Major Study 4
Elective unit

Year 2, Semester 1 & 2

Research Project

Year 3, Semester 1 & 2

Research Project

Part-time Course Structure

Year 1, Semester 1

Core unit in Research Methods
Major Study 1

Year 1, Semester 2

Core unit in Research Methods
Major Study 2

Year 2, Semester 1

Major Study 3
Elective unit

Year 2, Semester 2

Major Study 4
Elective unit

Year 3, Semester 1 & 2

Research Project

Year 4, Semester 1 & 2

Research Project

Year 5, Semester 1 & 2

Research Project

Year 6, Semester 1 & 2

Research Project

Research Units

Each of the following units are worth 12 credit points:

PUN104	Applied Qualitative Research Methods
PUN105	Health Statistics
HLN405	Qualitative Research Methods
HLN705	Introduction to Quantitative Research Methods
HLN706	Advanced Quantitative Research Methods

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

Each of the following units are worth 12 credit points:

List A

PUN601	Contemporary Health Policies
PUN602	Health Planning, Management & Evaluation
PUN608	Health Care Economics
PUN610	Health Services Management

List B

PUN200	Emerging Issues in Public Health
PUN201	Advanced Professional Studies
PUN615	Advanced Health Services Management
PUN616	Economic Evaluation in Health Care
HLN701	Independent Study

Public Health

Each of the following units are worth 12 credit points:

List A

PUN103	Advanced Epidemiology
PUN614	Health Promoting Schools
PUP035	Health Promotion Strategies & Evaluation

List B

PUN200	Emerging Issues in Public Health
PUN201	Advanced Professional Studies
PUP034	Advanced Studies & Practice in Health Promotion
HLN701	Independent Study

Occupational and Environmental Health Sciences

Each of the following units are worth 12 credit points:

List A

PUN008	Risk Management: Identification & Assessment Procedures
PUN617	Environmental Health Management
PUN619	Environment & Health
PUP415	Occupational Health
PUN302	Determinants of Workplace Injury & Disease

List B

PUN009	Risk Treatment
PUN200	Emerging Issues in Public Health
PUN201	Advanced Professional Studies
HLN701	Independent Study
PUP250	Occupational Hygiene

Electives

Selected from List A or List B. Units from other discipline fields may be considered after consultation.

■ Master of Applied Science (Research) (HL84)

Location: Kelvin Grove campus

Course Duration: 1-2 years full-time, 2-4 years part-time (see further details below)

Course Coordinator: For further information on the Master of Applied Science (Research), contact the Faculty of Health Office.

Entry Requirements

The minimum academic qualifications for admission to the program are:

- possession of a Bachelor degree in Health Science, Applied Science 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 academic board that the applicant possesses the capacity to pursue the course of study.

Application for Admission

The Master of Applied Science (Research) program is administered by the Health Faculty Academic Board through its Faculty Research Committee.

Applications for admission should set out fully the candidate's intended course of study. If a student is 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.

Approval of applications is subject to 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 of Study

A candidate for the degree of Master of Applied Science undertakes a program of research and

investigation on a topic approved by the Faculty Research Committee.

A candidate 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.

Duration of Course

The length of the course will vary depending on the applicant's qualifications on admission and the candidate's progress during the course.

Applicants who possess a three-year undergraduate qualification or equivalent normally are enrolled as provisional students for a period of one year (full-time) or two years (part-time). Applicants who possess a four-year degree, honours year or equivalent may be admitted with confirmed candidature.

Following confirmation of registration, candidates may submit their thesis for examination after a period of at least one year (full-time) or two years (part-time). Maximum periods for submission of thesis are two years (full-time) or four years (part-time) from the date of confirmed registration.

■ Master of Health Science (HL88)

Location: Kelvin Grove campus

Course Duration: 1.5 years full-time, 3 years part-time

Total Credit Points: 144

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr MaryLou Fleming

Majors

- Aged Care
- Environmental Health
- Ergonomics and Human Factors
- Exercise and Sports Science
- Health Promotion
- Health Services Management
- Occupational Health and Safety
- Physical and Health Education
- Risk Management
- Sports Studies

- Womens Health
- Cross Specialisation

Entry Requirements

To be eligible for entry applicants should hold:

- (i) an appropriate three-year bachelor degree or equivalent and should normally have at least one year of appropriate work experience, or
- (ii) an appropriate three-year bachelor degree with an additional one year of honours, or
- (iii) an appropriate four-year bachelor degree or equivalent, or
- (iv) an appropriate graduate diploma, or
- (v) other qualifications acceptable to the Dean of Faculty which may include substantial work experience or involvement in relevant research activities.

Overview

This course develops advanced knowledge and skills in a choice of health science disciplines. Its flexible design allows you a large choice of elective units to provide:

- specialisation in a professional discipline
- cross-specialisation (with appropriate academic approval)
- a broad understanding of health related disciplines.

Electives may be selected from a wide range of university postgraduate units, however these must be approved by the course and subject area coordinators. A number of electives are being offered through distance delivery and flexible delivery, which may include study modes such as block attendance, external study and transfer of material via the Internet. For more information on flexible delivery and elective options, contact the Faculty of Health Office.

Articulation

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 to:

- students with a four-year undergraduate qualification, or
- a three-year undergraduate qualification provided the program of study includes a thesis or double project, which is undertaken in the summer program.

Full-time Course Structure

Year 1, Semester 1

Select four units from List A

Year 1, Semester 2

Select four faculty units from List A in a specific discipline area

OR
select three units from List A in a specific discipline area for an area of specialisation plus one unit from List A

OR
select four units from List A with no particular specialisation

Year 2, Semester 1

Select from:

Four units from Lists A or B (may include HLN701)

OR

HLN703 or HLN704 Research Project A or B plus two units from Lists A

OR

HLN700 Thesis

OR

HLN708 Project

List A

- PUN106 Population Health
- PUN601 Contemporary Health Policies
- PUN692 Health Care Delivery Systems*
- MAN009 Experimental Design & Statistical Analysis for Research
- HLN405 Qualitative Research
- PUN602 Health Planning Management & Evaluation
- PUN608 Health Economics
- LWS006 Health, Ethics & the Law
- PUN610 Health Services Management
- PUP032 Intervention Design & Theories of Change
- HLN705 Introduction to Quantitative Research Methods
- HLN706 Advanced Quantitative Research Methods
- NSN517 Womens Health Issues

* Recommended for those undertaking the Health Services Management specialisation.

List A Discipline/Major Areas of Study

Aged Care

- NSN821 Key Issues in Aged Care
- NSN801 Health Assessment in Aged Care
- NSN822 Principles of Aged Care Practice
- NSN626 Dementia & Family Care

Environmental Health

- PUN106 Population Health
- PUN619 Environment & Health
- PUN620 Concepts of Environmental Health
- PUN617 Environmental Health Management

Ergonomics and Human Factors

- PUP116 Ergonomics
- HMP351 Human Factors
- HMP352 Occupational Biomechanics
- HMP353 Ergonomics & Human Factors

Exercise and Sports Nutrition

- PUB507 Advanced Nutrition Science
- HMB277 Exercise & Sports Nutrition
- HLN701 Independent Study
- HMP332 Ergonomics Aids & Nutritional Supplements

Health Promotion

- PUP032 Intervention Design & Theories of Change
- PUP034 Advanced Studies & Practice in Health Promotion
- PUP035 Health Promotion Strategies & Evaluation
- PUP036 Concepts & Settings for Health Promotion
- PUN614 Health Promoting Schools

Health Services Management

- PUB514 Contract Management
- PUN601 Contemporary Health Policies
- PUN602 Health Planning Management & Evaluation
- PUN608 Health Economics
- PUN610 Health Services Management
- PUN615 Advanced Health Services Management
- PUN616 Economic Evaluation in Health Care
- PUN692 Health Care Delivery Systems

Occupational Health and Safety

- MEP201 Safety Technology & Practice
- PUN301 Occupational Health & Safety Law & Management
- PUN302 Determinants of Workplace Injury & Disease
- PUN303 The Health Aspects of Healthy Buildings
- PUP116 Ergonomics
- PUP250 Occupational Hygiene
- PUP415 Occupational Health
- PUP511 Occupational Health Management

Physical and Health Education

- HMN201 Developing Teaching & Learning Initiatives for the Health & Physical Education key learning area
- HMN202 Developing & Assessing Higher Order Thinking Skills in School Physical Education
- HMN205 Health Education Curriculum across the School Years
- HMN203 Application of the Sciences to Teaching & Learning in Physical Education
- HMN206 Designing Physical Activity Experiences for Special Populations
- PUN620 Concepts of Environmental Health

Risk Management

- PUN001 Contemporary Risk Management
- PUN008 Risk Management – Identification & Assessment Procedures
- EFN418 An Introduction to Financial Risk Management
- PUN009 Risk Treatment

Sports Studies

- HMP380 Sport Across the Lifespan
- HMP383 Sport Studies Project
- HMP385 Sport Practicum
- HMP389 Assessment in Sport

Women's Health

- NSN517 Womens Health Issues
- NSN516 Sexual & Reproductive Health
- NSN509 Special Topic
- One other unit from List A subject to satisfying prerequisites

List B General electives

Electives may be selected from any QUT postgraduate program subject to prerequisite requirements and approval by the faculty offering the unit. A list of available units can be obtained from the Faculty of Health Office.

Research Units

HLN701	Independent Study
HLN703	Project A
HLN704	Project B
HLN708	Project
HLN700	Thesis (Full-time)
HLN750	Thesis (Part-time)
PUN104	Applied Qualitative Research Methods
PUN105	Health Statistics
HLN405	Qualitative Research
HLN705	Introduction to Quantitative Research Methods
HLN706	Advanced Quantitative Research Methods

■ Master of Nursing (NS85)

Location: Kelvin Grove campus

Course Duration: 1.5 years full-time, 3 years part-time

Total Credit Points: 144

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Ms Patsy Yates

Entry Requirements

Normal Entry

Applicants for admission to the course shall hold:

- a nursing qualification acceptable for registration by the Queensland Nursing Council
- an undergraduate degree or diploma in nursing (or equivalent) at a grade point average of 5 or above; and
- normally have at least one year of appropriate post-registration clinical experience.

Alternative Entry

Applicants may be admitted on the basis of relevant experience at the discretion of the Head, School of Nursing.

Articulation

Students who have successfully completed the NS64 Graduate Diploma in Nursing from QUT may have all eight units credited towards the Master of Nursing and will only be required to undertake a further 48 credit points.

Course Requirements

This course is offered in the specialised areas of:

- Aged Care
- Cancer Nursing

- Community Practice
- Intensive Care Nursing
- Medical/Surgical Nursing
- Mental Health Nursing
- Midwifery
- Paediatric, Child and Youth Health Nursing
- Professional Studies
- Womens Health

Full-time Course Structure

Year 1, Semester 1

4 Graduate Diploma units*

Year 1, Semester 2

4 Graduate Diploma units*

Year 2, Semester 1

Option 1: 4 electives (List A)

Option 2: NSN506 Clinical Project AND
2 electives (List A)

Option 3: NSN850 Thesis

* Students complete the Graduate Diploma units relevant to the major in which they wish to enrol in the Masters program.

Part-time Course Structure

Year 1, Semester 1

2 Graduate Diploma units*

Year 1, Semester 2

2 Graduate Diploma units*

Year 2, Semester 1

2 Graduate Diploma units*

Year 2, Semester 2

2 Graduate Diploma units*

Year 3, Semester 1

Option 1: 2 electives (List A)

Option 2: 2 electives (List A)

Option 3: NSN506 Clinical Project

Option 4: NSN825/1 Thesis

Year 3, Semester 2

Option 1: 2 electives (List B)

Option 2: NSN506 Clinical Project

Option 3: 2 electives (List B)

Option 4: NSN825/2 Thesis

* Students complete the Graduate Diploma units relevant to the major in which they wish to enrol in the Masters program.

List A Electives

HLN705 Introduction to Quantitative Research Methods

HLN706 Advanced Quantitative Methods

HLN405 Qualitative Research

NSN721 Key Issues in Acute & Critical Care Nursing*

NSN002 Key Issues in Child & Youth Health Nursing

NSN821 Key Issues in Aged Care

NSN801 Health Assessment in Aged Care

NSN501 Advanced Health Assessment

NSN622	Contexts of Community Practice
NSN517	Womens Health Issues
NSN508	Advanced Readings in Nursing
PUN610	Health Services Management
PUN692	Health Care Delivery Systems
PUN106	Population Health
PUP036	Concepts & Settings for Health Promotion

List B Electives

HLN705	Introduction to Quantitative Research Methods
HLN706	Advanced Quantitative Methods
HLN405	Qualitative Research
NSN508	Advanced Readings in Nursing
NSN509	Special Topic
NSN723	Specialisation in Critical Care Nursing #
NSN725	Specialisation in Medical/Surgical & Cancer Nursing #
NSN006	Specialisation in Paediatric & Child Health Nursing #
NSN626	Dementia & Family Care
NSN624	Collaborative Practice in the Community
NSN516	Sexual & Reproductive Health
NSN502	Critical Inquiry in Health Care
NSN523	Clinical Studies
PUN601	Contemporary Health Policies
PUN608	Health Economics
PUN610	Health Services Management
PUP035	Health Promotion Strategies & Evaluation

* Students studying 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 units.

Students studying specialisation in Critical Care Nursing, specialisation in Medical/Surgical and Cancer Nursing or specialisation in Paediatric and Child Youth 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.

■ Master of Public Health (PU85)

QUT, Griffith University and The University of Queensland offer a joint Master of Public Health (MPH) degree, bringing together interdisciplinary knowledge and skills in public health across the three universities. Students enrol in and graduate from the university in which they undertake their specialist elective units and which supervises their dissertation. A formal application is required to other institutions for cross-institutional status.

Location: QUT Kelvin Grove campus; The University of Queensland (Herston campus); Griffith University.

Course Duration: 1.5 years full-time, 3 years part-time

Total Credit Points: 144

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Associate Professor Don Stewart

Entry Requirements

The entry requirements for the Master of Public Health are identical for the three collaborating institutions, and are as follows:

- (1) A person may first enrol as a candidate for the degree only if that person:
 - (i) holds a Bachelor degree from the university or a similar qualification from an approved institution in the health, behavioural, social or biological sciences with first or second class Honours, and
 - (a) which required study for at least four years, or
 - (b) which required study for at least three years, if
 - (A) a postgraduate diploma from the university or an approved institution is also held, or
 - (B) the research publications and written reports of that person satisfy the Faculty Academic Board that the applicant should be accepted as a candidate, and
 - (ii) has, since obtaining the qualifications required, had training or experience in a relevant field for a period of at least
 - (a) three years, where the applicant seeks entry through paragraph (i) (b) (B), or
 - (b) two years, otherwise.
- (2) The Dean of Faculty may allow a person to be admitted as a candidate, if of the opinion:
 - (i) that a person has obtained a basic professional qualification in the health, behavioural, social or biological sciences in that person's home country
 - (ii) that person has subsequently had at least four years of relevant professional experience, which may include a post-basic diploma or other relevant training, and
 - (iii) the qualifications and experience referred to above warrant admission.
- (3) Notwithstanding subrules (1) and (2), a person may not be admitted without first satisfying the dean, if necessary by passing an examination, that the person has both the level of scientific understanding and the level of proficiency in

the English language to undertake the course successfully.

- (4) For the purposes of subrule (1) an approved institution is one which, in the opinion of the Faculty Academic Board, maintains standards comparable to those of the university.

Application for Admission

Students enrol at the university in which they expect to undertake their specialist elective units and in which their dissertation will be supervised. This is known as the 'home' university. Because this choice must be made before enrolment, a person seeking entry to the degree of Master of Public Health must, prior to application for admission, consult administration through the Student Centre at the School of Public Health on telephone (07) 3864 5878.

Course of Study

- (1) A candidate must:
 - (i) pursue the course (full-time) for not less than three or more than six semesters, and
 - (ii) obtain 144 credit points (48 per semester full-time, 24 part-time) comprising:
 - (a) credit for all units listed in Part A of the Schedule (core units), and
 - (b) 48 credit points from units listed in Part B of the Schedule (units), and
 - (c) 48 credit points for HLN700 Dissertation (full-time) or HLN750 Dissertation (part-time).
- (2) The Dean of Health may grant credit for a core unit if the director considers the candidate has, while enrolled in this course, passed a unit or units at least its equivalent in content and standard at any of the three collaborating institutions.

Credit for a Unit

To obtain credit for a unit a candidate must:

- (i) attend lectures, seminars, tutorials, practicals and other classes
- (ii) undertake laboratory and fieldwork
- (iii) complete assignments, project reports and theses
- (iv) pass examinations, and
- (v) fulfil any other requirement in the manner and to the extent prescribed by the director concerned.

Dissertation

- (1) A candidate may not submit a dissertation for HLN700 Dissertation (full-time) or HLN750 Dissertation (part-time) without approval of the

topic by the course coordinator of the program after consultation with the supervisors.

- (2) The dissertation must be examined by two examiners appointed by the Head of School.
- (3) A candidate may, with the approval of the director, submit further original work, whether published or not, for the consideration of the examiners.
- (4) The Head of School shall determine whether credit will be awarded for the dissertation after considering the reports of the examiners.

Power of the Faculty Board to Terminate Enrolment

The Faculty Academic Board may, at any time, terminate a candidate's enrolment if it is of the opinion that the candidate has supplied incomplete or inaccurate information with respect to application for enrolment.

Granting of Degree

The Master of Public Health degree may be conferred on a candidate who has fulfilled the requirements of these rules and complied with the provisions of all statutes and other applicable rules. To graduate from this course, students are required to select a minimum of two electives offered by QUT and complete their dissertation at QUT.

Course Structure

Students in the program undertake a coursework component in their first two semesters (full-time) or four semesters (part-time – two units per semester), followed by a dissertation component of one semester (full-time) or two semesters (part-time). The coursework component comprises four core units and four advanced units.

PART A

Core Units

- PUN105 Health Statistics
- PUN692 Health Care Delivery Systems
- PUN702 Social & Behavioural Determinants of Health (GU)
- PUN743 Introduction to Epidemiology (UQ)

PART B

Elective Subjects

Health Services Management and Policy

Sciences

- GSN404 Financial Statement Analysis 1*
- GSN427 Financial Statement Analysis 2*
- PUN001 Contemporary Risk Management
- PUN601 Contemporary Health Policies
- PUN602 Health Planning, Management & Evaluation
- PUN608 Health Care Economics
- PUN610 Health Services Management
- PUN615 Advanced Health Service Management
- PUN616 Economics Evaluation in Health Care

Occupational and Environmental Health Sciences

EFN418	Financial Risk Management
MEP201	Safety Technology & Practice
PUP116	Ergonomics
PUP250	Occupational Hygiene
PUP415	Occupational Health
PUN001	Contemporary Risk Management
PUN008	Risk Management: Identification & Assessment Procedures
PUN009	Risk Treatment
PUN301	Occupational Health & Safety Law & Management
PUN302	Determinants of Workplace Injury & Disease
PUN617	Environmental Health Management
PUN619	Environment & Health
PUN620	Concepts of Environmental Health

Health Promotion

PUN106	Population Health
PUN614	Health Promoting Schools
PUP032	Intervention Design & Theories of Change
PUP034	Advanced Studies & Practice in Health Promotion
PUP035	Health Promotion Strategies & Evaluation
PUP036	Concepts & Settings for Health Promotion

Epidemiology and Research Methods

HLN405	Qualitative Research Methods
HLN705	Introduction to Quantitative Research Methods
HLN706	Advanced Quantitative Research Methods
PUN103	Advanced Epidemiology
PUN104	Applied Qualitative Research Methods
PUN850	Epidemiological Basis of public Health Practice (UQ)
PUN814	Principles of Epidemiology (UQ)

PART C

HLN700	(full-time)
HLN750	(part-time)

* These units are available for students undertaking the RACMA Fellowship training degree.

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.

■ Graduate Diploma in Nursing (NS64)

Location: Kelvin Grove campus

Course Duration: 1 year full-time, 2 years part-time

Total Credit Points: 96

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Ms Patsy Yates

Alternative Entry

As an alternative to the entry requirements listed below for each major, applicants may be admitted on the basis of relevant experience at the discretion of the Head, School of Nursing.

AGED CARE

Entry Requirements

Applicants for admission to the course must be:

- registered as a nurse with the Queensland Nursing Council, and
- have gained a degree in nursing (or equivalent) from a recognised institution.

Full-time Course Structure

Year 1, Semester 1

NSN821	Key Issues in Aged Care
NSN801	Health Assessment in Aged Care
NSN507	Contemporary Practice Issues

Select one of either:

HLN405	Qualitative Research
HLN705	Introduction to Quantitative Research Methods
HLN706	Advanced Quantitative Research Methods

Year 1, Semester 2

NSN822	Principles of Aged Care Practice
NSN523	Clinical Studies
NSN515	Clinical Leadership & Management Elective (List B)

OR

Any other 12 credit point postgraduate unit for which the student has the necessary prerequisites

Part-time Course Structure

Year 1, Semester 1

NSN821	Key Issues in Aged Care
NSN801	Health Assessment in Aged Care

Year 1, Semester 2

NSN822	Principles of Aged Care Practice
NSN523	Clinical Studies

Year 2, Semester 1

NSN507	Contemporary Practice Issues
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Select one of either:

HLN405	Qualitative Research
HLN705	Introduction to Quantitative Research Methods
HLN706	Advanced Quantitative Research Methods

Year 2, Semester 2

NSN515	Clinical Leadership & Management Elective (List B)
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OR

Any other 12 credit point postgraduate unit for which the student has the necessary prerequisites

CANCER NURSING

Entry Requirements

Applicants for admission to the course must be:

- registered as a nurse with the Queensland Nursing Council,
- have gained a degree in nursing (or equivalent) from a recognised institution, and
- must be working a minimum of 0.6 FTE in a cancer care setting. (Students not currently working in a cancer setting should contact the course coordinator to discuss options for gaining relevant clinical experience.)

Full-time Course Structure

Year 1, Semester 1

- NSN701 Advanced Health Assessment
- NSN507 Contemporary Practice Issues
- NSN721 Key Issues in Acute & Critical Care Nursing (Cancer Nursing)

Select one of either:

- HLN405 Qualitative Research
- HLN705 Introduction to Quantitative Research Methods
- HLN706 Advanced Quantitative Research Methods

Year 1, Semester 2

- NSN722 Principles of Acute & Critical Care Nursing (Cancer Nursing)
 - NSN523 Clinical Studies
 - NSN515 Clinical Leadership & Management Electives (List B)
- OR
- Any other 12 credit point postgraduate unit for which the student has the necessary prerequisites

Part-time Course Structure

Year 1, Semester 1

- NSN701 Advanced Health Assessment
- NSN721 Key Issues in Acute & Critical Care Nursing (Cancer Nursing)

Year 1, Semester 2

- NSN722 Principles of Acute & Critical Care Nursing (Cancer Nursing)
- NSN523 Clinical Studies

Year 2, Semester 1

- NSN507 Contemporary Practice Issues

Select one of either:

- HLN405 Qualitative Research
- HLN705 Introduction to Quantitative Research Methods
- HLN706 Advanced Quantitative Research Methods

Year 2, Semester 2

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

COMMUNITY PRACTICE

Entry Requirements

Applicants for admission to the course must:

- be registered as a nurse with the Queensland Nursing Council
- have gained a degree in nursing (or equivalent) from a recognised institution
- have a minimum of two years relevant experience.

Full-time Course Structure

Year 1, Semester 1

- NSN622 Context of Community Practice
 - NSN701 Advanced Health Assessment
- OR
- Elective (List A)
 - NSN507 Contemporary Practice Issues
 - NSN623 Leadership & Management in the Community

Year 1, Semester 2

- NSN625 Project Management for Community Practice
- NSN624 Collaborative Practice in the Community Elective (List B)

plus select one of either:

- HLN405 Qualitative Research
- HLN705 Introduction to Quantitative Research Methods
- HLN706 Advanced Quantitative Methods

Part-time Course Structure

Year 1, Semester 1

- NSN622 Context of Community Practice
 - NSN701 Advanced Health Assessment
- OR
- Elective (List A)

Year 1, Semester 2

- NSN625 Project Management for Community Practice
- NSN624 Collaborative Practice in the Community

Year 2, Semester 1

- NSN507 Contemporary Practice Issues
- NSN623 Leadership & Management in the Community

Year 2, Semester 2

- Elective (List B)
- plus select one of either:
- HLN405 Qualitative Research
 - HLN705 Introduction to Quantitative Research Methods
 - HLN706 Advanced Quantitative Methods

INTENSIVE CARE NURSING

Entry Requirements

Applicants for admission to the course must be:

- registered as a nurse with the Queensland Nursing Council;
- have gained a degree in nursing (or equivalent) from a recognised institution, and

- must have a minimum of 3 months critical care experience, and
- must be working at least 0.6 FTE in a critical care area. (Students not currently working in a critical care setting should contact the course coordinator to discuss options for gaining relevant experience.)

Full-time Course Structure

Year 1, Semester 1

- NSN701 Advanced Health Assessment
- NSN507 Contemporary Practice Issues
- NSN721 Key Issues in Acute & Critical Care Nursing

Select one of either:

- HLN405 Qualitative Research
- HLN705 Introduction to Quantitative Research Methods
- HLN706 Advanced Quantitative Research Methods

Year 1, Semester 2

- NSN722 Principles of Acute & Critical Care Nursing
- NSN523 Clinical Studies
- NSN515 Clinical Leadership & Management Electives (List B)

OR
Any other 12 credit point postgraduate unit for which the student has the necessary prerequisites

Part-time Course Structure

Year 1, Semester 1

- NSN701 Advanced Health Assessment
- NSN721 Key Issues in Acute & Critical Care Nursing

Year 1, Semester 2

- NSN722 Principles of Acute & Critical Care Nursing
- NSN523 Clinical Studies

Year 2, Semester 1

- NSN507 Contemporary Practice Issues

Select one of either:

- HLN405 Qualitative Research
- HLN705 Introduction to Quantitative Research Methods
- HLN706 Advanced Quantitative Research Methods

Year 2, Semester 2

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

MEDICAL/SURGICAL NURSING

Entry Requirements

Applicants for admission to the course must be:

- registered as a nurse with the Queensland Nursing Council, and
- have gained a degree in nursing (or equivalent) from a recognised institution, and
- must be working at least 0.6 FTE in a medical/surgical practice setting. (Students not currently

working in a medical/surgical setting should contact the course coordinator to discuss options for gaining relevant experience.)

Full-time Course Structure

Year 1, Semester 1

- NSN701 Advanced Health Assessment
- NSN507 Contemporary Practice Issues
- NSN721 Key Issues in Acute & Critical Care Nursing (Medical/Surgical Nursing)

Select one of either:

- HLN405 Qualitative Research
- HLN705 Introduction to Quantitative Research Methods
- HLN706 Advanced Quantitative Research Methods

Year 1, Semester 2

- NSN722 Principles of Acute & Critical Care Nursing (Medical/Surgical Nursing)
- NSN523 Clinical Studies
- NSN515 Clinical Leadership & Management Electives (List B)

OR
Any other 12 credit point postgraduate unit for which the student has the necessary prerequisites

Part-time Course Structure

Year 1, Semester 1

- NSN701 Advanced Health Assessment
- NSN721 Key Issues in Acute & Critical Care Nursing (Medical/Surgical Nursing)

Year 1, Semester 2

- NSN722 Principles of Acute & Critical Care Nursing (Medical/Surgical Nursing)
- NSN523 Clinical Studies

Year 2, Semester 1

- NSN507 Contemporary Practice Issues

Select one of either:

- HLN405 Qualitative Research
- HLN705 Introduction to Quantitative Research Methods
- HLN706 Advanced Quantitative Research Methods

Year 2, Semester 2

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

MENTAL HEALTH NURSING

Entry Requirements

Applicants for admission to the course must be:

- registered as a nurse with the Queensland Nursing Council, and
- have gained a degree in nursing (or equivalent) from a recognised institution.

Full-time Course Structure

Year 1, Semester 1

NSN901	Mental Health Assessment
NSN921	Key Issues in Mental Health Nursing
NSN507	Contemporary Practice Issues

Select one of either:

HLN405	Qualitative Research
HLN705	Introduction to Quantitative Research Methods
HLN706	Advanced Quantitative Research Methods

Year 1, 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

Year 1, Semester 1

NSN901	Mental Health Assessment
NSN921	Key Issues in Mental Health Nursing

Year 1, Semester 2

NSN922	Community Perspectives in Mental Health Nursing
NSN523	Clinical Studies

Year 2, Semester 1

NSN507	Contemporary Practice Issues
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Select one of either:

HLN405	Qualitative Research
HLN705	Introduction to Quantitative Research Methods
HLN706	Advanced Quantitative Research Methods

Year 2, Semester 2

NSN928	Counselling in Mental Health Nursing
NSN929	Clinical Intervention Modalities in Mental Health Nursing

PAEDIATRIC, CHILD AND YOUTH HEALTH NURSING

Entry Requirements

Applicants for admission to the course must be:

- registered as a nurse with the Queensland Nursing Council, and
- have gained a degree in nursing (or equivalent) from a recognised institution, and
- must be working a minimum of 0.6 FTE in an acute paediatric, or community child or youth health setting. (Students not currently working in this field should contact the course coordinator to discuss options for gaining relevant experience.)

Full-time Course Structure

Year 1, Semester 1

NSN002	Key Issues in Child & Youth Health Nursing
NSN003	Principles of Paediatric, Child & Youth Health Nursing
NSN507	Contemporary Practice Issues

Select one of either:

HLN405	Qualitative Research
HLN705	Introduction to Quantitative Research Methods
HLN706	Advanced Quantitative Research Methods

Year 1, Semester 2

NSN523	Clinical Studies
NSN004	Acute Paediatric Nursing
OR	
NSN005	Community Child & Youth Health Nursing
NSN515	Clinical Leadership & Management Elective (List B)
OR	
Any other 12 credit point postgraduate unit for which the student has the necessary prerequisites	

Part-time Course Structure

Year 1, Semester 1

NSN002	Key Issues in Child & Youth Health Nursing
NSN003	Principles of Paediatric, Child & Youth Health Nursing

Year 1, Semester 2

NSN523	Clinical Studies
NSN004	Acute Paediatric Nursing
OR	
NSN005	Community Child & Youth Health Nursing

Year 2, Semester 1

NSN507	Contemporary Practice Issues
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Select one of either:

HLN405	Qualitative Research
HLN705	Introduction to Quantitative Research Methods
HLN706	Advanced Quantitative Research Methods

Year 2, Semester 2

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

PROFESSIONAL STUDIES

Entry Requirements

Applicants for admission to the course must be:

- registered as a nurse with the Queensland Nursing Council, and
- have gained a degree in nursing (or equivalent) from a recognised institution.

Full-time Course Structure

Year 1, Semester 1

NSN507	Contemporary Practice Issues
Elective (List A)	
Elective (List A)	

Select one of either:

HLN405	Qualitative Research
HLN705	Introduction to Quantitative Research Methods
HLN706	Advanced Quantitative Research Methods

Year 1, Semester 2

NSN515 Clinical Leadership & Management

Plus any two of the following:

NSN502 Critical Inquiry in Health Care

Elective (List B)

Elective (List B)

Any other 12 credit point postgraduate unit for which the student has the necessary prerequisites

Part-time Course Structure

Year 1, Semester 1

NSN507 Contemporary Practice Issues

Elective (List A)

Year 1, Semester 2

NSN515 Clinical Leadership & Management

NSN502 Critical Inquiry in Health Care

OR

Elective (List B)

Year 2, Semester 1

Elective (List A)

Select one of either:

HLN405 Qualitative Research

HLN705 Introduction to Quantitative Research Methods

HLN706 Advanced Quantitative Methods

Year 2, Semester 2

Elective (List B)

Elective (List B)

OR

Any other 12 credit point postgraduate unit for which the student has the necessary prerequisites

WOMEN'S HEALTH

Entry Requirements

Applicants for admission to the course must be:

- registered as a nurse with the Queensland Nursing Council, and
- have gained a degree in nursing (or equivalent) from a recognised institution.

Full-time Course Structure

Year 1, Semester 1

NSN517 Women's Health Issues

Elective (List A)

NSN507 Contemporary Practice Issues

Select one of either:

HLN405 Qualitative Research

HLN705 Introduction to Quantitative Research Methods

HLN706 Advanced Quantitative Research Methods

Year 1, Semester 2

NSN516 Sexual & Reproductive Health

NSN509 Special Topic #

NSN515 Clinical Leadership & Management

Elective (List B)

OR

Any other 12 credit point postgraduate unit for which the student has the necessary prerequisites

Part-time Course Structure

Year 1, Semester 1

NSN517 Women's Health Issues

Elective (List A)*

Year 1, Semester 2

NSN516 Sexual & Reproductive Health

NSN509 Special Topic#

Year 2, Semester 1

NSN507 Contemporary Practice Issues

Select one of either:

HLN405 Qualitative Research

HLN705 Introduction to Quantitative Research Methods

HLN706 Advanced Quantitative Research Methods

Year 2, Semester 2

NSN515 Clinical Leadership & Management

Elective (List B)*

OR

Any other 12 credit point postgraduate unit for which the student has the necessary prerequisites

* Elective List A and B are listed under the Master of Nursing (NS85) course entry.

Students will have the option of studying one or two special topics: Preventing Violence Against Women; or Prevention & Early Detection of Breast Cancer.

■ Graduate Diploma in Midwifery (NS68)

Location: Kelvin Grove campus

Course Duration: 1 year full-time, 2 years part-time

Total Credit Points: 96

Standard Credit Points/Part-time Semester: 48

Course Coordinator: Ms Patsy Yates

Entry Requirements

Normal Entry

Applicants for admission to the course must be:

- registered as a nurse with the Queensland Nursing Council, and
- have gained a degree in nursing (or equivalent) from a recognised institution.

Alternative Entry

Applicants may be admitted on the basis of relevant experience at the discretion of the Head, School of Nursing.

Full-time Course Structure

Year 1, Semester 1

NSN311 Key Issues in Midwifery Practice

NSN507 Contemporary Practice Issues

NSN321 Foundations of Midwifery Practice

Select one of either:

- 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
NSN509 Special Topic (Compromised Neonate)
OR
Elective (List B)

Part-time Course Structure

Year 1, Semester 1

- NSN311 Key Issues in Midwifery Practice
NSN321 Foundations of Midwifery Practice

Year 1, Semester 2

- NSN507 Contemporary Practice Issues

Select one of either:

- HLN405 Qualitative Research
HLN705 Introduction to Quantitative Research Methods
HLN706 Advanced Quantitative Research Methods

Year 2, Semester 1

- NSN322 Complex Issues for Childbearing Families
NSN516 Sexual & Reproductive Health

Year 2, Semester 2

- NSN323 Clinical Studies in Midwifery
NSN509 Special Topic (Compromised Neonate)
OR
Elective (List B)

■ Graduate Diploma in Health Promotion (PU69)

Note: This course is not accepting new students. New students will undertake HL68 or HL88.

Location: Kelvin Grove campus

Course Duration: 1 year full-time or 2 years part-time internal or external

Total Credit Points: 96

Standard Credit Points/Part-time Semester: 24

Course Coordinator: Dr Elizabeth Parker

Continuing students should contact the course coordinator for details of their enrolment program in 2001.

■ Graduate Diploma in Health Science (HL68)

Location: Kelvin Grove campus

Course Duration: 1 year full-time, 2 years part-time

Total Credit Points: 96

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr MaryLou Fleming

Entry Requirements

See Master of Health Science (HL88).

Course Requirements

Students complete a program totalling 96 credit points selected from the Master of Health Science (HL88) program.

Course Structure

Semesters 1 and 2 (full-time) or Semester 1 to 4 (part-time) of Master of Health Science (HL88).

This program is offered in the specialised areas of: Environmental Health, Health Services Management, Aged Care, Ergonomics & Human Factors, Exercise & Sports Nutrition, Physical & Health Education, Health Promotion, Sports Studies, Women's Health, Risk Management. Units may also be selected from a range of QUT postgraduate programs subject to the approval of the course coordinator and faculty offering the units.

■ Graduate Diploma in Occupational Health And Safety (PU65)

Location: Kelvin Grove campus

Course Duration: 1 year full-time, 2 years part-time

Total Credit Points: 96

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Mr Terry Farr

Entry Requirements

Normal Entry

The normal entry requirement for the course is a Bachelor degree or equivalent in an appropriate discipline from a recognised tertiary institution. There is no assumption of prior knowledge in occupational health and safety.

Special Entry

Special entry will be considered for a person without a degree, in view of experience and responsibility in occupational health and safety. As the course is academically demanding and high standards of performance are expected, such candidates will require either an extensive background in the discipline or other suitable tertiary qualifications and appropriate experience to be offered a place.

In some instances, preliminary bridging studies may be required.

□ **Additional Requirements**

All applications for entry will be judged on their individual merit. Course quota and the benefit of having a diverse class cohort are factors which impact on the final offer of places.

Full-time Course Structure

Year 1, Semester 1

MEP201	Safety Technology & Practice
PUN301	Occupational Health & Safety Law & Management
PUN302	Determinants of Workplace Injury & Disease
PUP415	Occupational Health

Year 1, Semester 2

PUN001	Contemporary Risk Management
PUN008	Risk Management – Identification & Assessment Procedures
	OR
PUP511	Occupational Health Management*
PUP116	Ergonomics
PUP250	Occupational Hygiene

Part-time Course Structure

Year 1, Semester 1

PUN301	Occupational Health & Safety Law & Management
MEP201	Safety Technology & Practice

Year 1, Semester 2

PUN001	Contemporary Risk Management
PUP116	Ergonomics

Year 2, Semester 1

PUN302	Determinants of Workplace Injury & Disease
PUN415	Occupational Health

Year 2, Semester 2

PUN008	Risk Management – Identification & Assessment Procedures
	OR
PUP511	Occupational Health Management*
PUP250	Occupational Hygiene

* This unit (PUP511) is run as a continuing education course every second year. Students attend an intensive five-day session during the end of semester break.

■ **Graduate Diploma in Public Health (PU60)**

Location: QUT (Kelvin Grove campus), University of Queensland and Griffith University

Course Duration: 1 year full-time, 2 years part-time

Total Credit Points: 96

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Associate Professor Don Stewart

Entry Requirements

See Master of Public Health (PU85).

Course Requirements

Students complete a program totalling 96 credit points selected from the Master of Public Health (PU85) program.

Course Structure

Semesters 1 and 2 (full-time) or Semester 1 to 4 (part-time) of Master of Public Health (PU85).

■ **Graduate Certificate in Health Science (HL38)**

Location: Kelvin Grove campus

Course Duration: 2 semesters part-time

Total Credit Points: 48

Standard Credit Points/Part-time Semester: 24

Course Coordinator: Dr MaryLou Fleming

Entry Requirements

- An appropriate Bachelor degree, or other qualifications; or
- appropriate work experience acceptable to the Dean of Faculty.

Overview

This course provides a broad range of options for study at the Graduate Certificate level. Students can elect four (4) units from across the range of Faculty of Health units. The course also prepares you for further postgraduate study in health. This program articulates into the Graduate Diploma in Health Science (HL68) and the Master of Health Science (HL88). This course is for students who do not want to specialise and who want to select a range of units to meet their needs. Selection is subject to approval from the course coordinator.

Part-time Course Structure

Year 1, Semester 1

Select two units from List A
(see HL88 Master of Health Science)

Year 1, Semester 2

Select two units from List A
(see HL88 Master of Health Science)

■ **Graduate Certificate in Human Movement Studies (Professional Studies) (HM30)**

Location: Kelvin Grove campus, with practicum placements at a variety of sites in the Brisbane metropolitan area.

Course Duration: 2 semesters part-time

Total Credit Points: 48

Standard Credit Points/Part-time Semester: 24

Course Coordinator: Dr Charles Worringham

Entry Requirements

- An appropriate Bachelor degree in Human Movement Studies, or equivalent; or
- other qualifications or appropriate work experience acceptable to the Dean of Faculty.

Overview

This course enhances the professional skills and experience of students in Human Movement Studies and the Exercise and Sports Sciences through supervised practical experience. The course gives students a route through which to meet professional accreditation requirements for professionals in exercise and sports science, through eligibility for membership of the Australian Association for Exercise and Sport Science (AAESS). Eligibility for membership requires graduates to have undertaken a substantial practicum placement experience in appropriate professional sites under academic supervision, which is provided through two practicum placement units.

Part-time Course Structure

Year 1, Semester 1

HMB470 Practicum 1

HMB475/1 Practicum 2

Year 1, Semester 2

HMB475/2/3 Practicum 2

■ Graduate Certificate in Exercise and Sports Nutrition (HM33)

Location: Kelvin Grove campus

Course Duration: 2 semesters part-time

Total Credit Points: 48

Standard Credit Points/Part-time Semester: 24

Course Coordinator: Dr Charles Worringham

Entry Requirements

An appropriate Bachelor degree in Nutrition and Dietetics, Human Movement Studies, or equivalent; or other qualifications or appropriate work experience acceptable to the Dean of Faculty.

Overview

This course is intended primarily for registered dietitians with a special interest in meeting the needs of clients involved in sport or other physically demanding activities. The course provides students with an understanding of topics such as energy requirements of various activities, the nutritional implications of various types of training and

competition, and the scientific basis of supplements that enhance physical performance or for which such claims have been made. Students also have the opportunity to pursue a specialised topic through independent study.

Part-time Course Structure

Year 1, Semester 1

PUB507 Advanced Nutrition Science

HMB277 Exercise & Sport Nutrition

Year 1, Semester 2

HLN701 Independent Study

HMP332 Ergogenic Aids & Nutritional Supplements

■ Graduate Certificate in Ergonomics and Human Factors (HM35)*

* Subject to final approval for offering from first semester 2001.

Location: Kelvin Grove campus

Course Duration: 2 semesters part-time

Total Credit Points: 48

Standard Credit Points/Part-time Semester: 24

Course Coordinator: Dr Charles Worringham

Entry Requirements

An appropriate Bachelor degree in Human Movement Studies, Occupational Health and Safety, Psychology, or Rehabilitation (Physical or Occupational Therapy), Engineering, or equivalent; or other qualifications or appropriate work experience acceptable to the Dean of Faculty.

Overview

This course focuses on the interaction between humans and the systems, environments, tools, products and practices encountered in the workplace. By providing students with knowledge and skills in the related areas of ergonomics, human factors, and occupational biomechanics, the course will better equip students to enhance work safety and effectiveness. A range of topics, covering issues from manual handling and injury to equipment design will be covered. The course includes a project, in which students address a real ergonomic problem under supervision.

Part-time Course Structure

Year 1, Semester 1

PUP116 Ergonomics

HMP351 Human Factors

Year 1, Semester 2

HMP352 Occupational Biomechanics

HMP353 Ergonomics & Human Factors Project

■ Graduate Certificate in Sports Studies (HM38)*

* Subject to final approval for offering from first semester 2001.

Location: Kelvin Grove campus

Course Duration: 2 semesters part-time

Total Credit Points: 48

Standard Credit Points/Part-time Semester: 24

Course Coordinator: Dr Charles Worringham

Entry Requirements

- An appropriate Bachelor degree in Human Movement Studies, or equivalent; or
- other qualifications or appropriate work experience acceptable to the Dean of Faculty.

Overview

This course is intended to provide professionals and practitioners in sport, whether coaches, administrators or participants, with an overview of contemporary issues in sport. The course will include performance assessment methods and application of sport science to coaching and sport administration. Topics relevant to a sport at different points across the lifespan, ranging from talent identification in children to issues in master's and paralympic sport will be covered, as will a set of key practical assessment procedures used in exercise science. Students will also have the opportunity to emphasise their interest in a particular sport by a practicum placement and a project.

Part-time Course Structure

Year 1, Semester 1

HMP380 Sport Across the Lifespan

HMP385 Sport Practicum

Year 1, Semester 2

HMP383 Sport Project

HMP389 Assessment in Sport

■ Graduate Certificate in Intensive Care Nursing (NS30)

Location: Kelvin Grove campus

Course Duration: 1 year part-time

Total Credit Points: 48

Standard Credit Points/Part-time Semester: 24

Course Coordinator: Ms Patsy Yates

Entry Requirements

Normal Entry

Applicants for admission must be:

- registered as a nurse with the Queensland Nursing Council, and

- should hold an undergraduate degree in nursing (or equivalent) from a recognised institution.

Additionally applicants must have a:

- minimum of 3 months recent critical care experience, and
- must be working a minimum of 0.6 FTE in a critical care area.

Alternative Entry

Applicants may be admitted on the basis of relevant experience at the discretion of the Head, School of Nursing.

Course Requirements

All units successfully completed may be credited towards the NS64 Graduate Diploma in Nursing or NS85 Master of Nursing.

The Graduate Certificate in Intensive Care Nursing can be undertaken by internal or external mode.

Part-time Course Structure

Year 1, Semester 1

NSN701 Advanced Health Assessment

NSN721 Key Issues in Acute & Critical Care Nursing

Year 1, Semester 2

NSN722 Principles of Acute & Critical Care Nursing

NSN723 Specialisation in Critical Care Nursing

OR

NSN725 Specialisation in Medical/Surgical & Cancer Nursing

■ Graduate Certificate in Cancer Nursing (NS31)

Location: Kelvin Grove campus

Course Duration: 1 year part-time

Total Credit Points: 48

Standard Credit Points/Part-time Semester: 24

Course Coordinator: Ms Patsy Yates

Entry Requirements

Normal Entry

Applicants for admission must be:

- registered as a nurse with the Queensland Nursing Council, and
- should hold an undergraduate degree in nursing (or equivalent).

Alternative Entry

Applicants may be admitted on the basis of relevant experience at the discretion of the Head, School of Nursing.

Course Requirements

All units successfully completed may be credited towards the NS64 Graduate Diploma in Nursing or NS85 Master of Nursing.

The Graduate Certificate in Cancer Nursing can be undertaken by internal or external mode.

Part-time Course Structure

Year 1, Semester 1

NSN701	Advanced Health Assessment
NSN721	Key Issues in Acute & Critical Care Nursing (Cancer Nursing)

Year 1, Semester 2

NSN722	Principles of acute & Critical Care Nursing (Cancer Nursing)
NSN723	Specialisation in Critical Care Nursing OR
NSN725	Specialisation in Medical/Surgical & Cancer Nursing

■ Graduate Certificate in Medical/Surgical Nursing (NS33)

Location: Kelvin Grove campus

Course Duration: 1 year part-time

Total Credit Points: 48

Standard Credit Points/Part-time Semester: 24

Course Coordinator: Ms Patsy Yates

Entry Requirements

Normal Entry

Applicants for admission must be:

- registered as a nurse with the Queensland Nursing Council, and
- should hold an undergraduate degree in nursing (or equivalent) from a recognised institution.

Alternative Entry

Applicants may be admitted on the basis of relevant experience at the discretion of the Head, School of Nursing.

Course Requirements

All units successfully completed may be credited towards the NS64 Graduate Diploma in Nursing or NS85 Master of Nursing.

The Graduate Certificate in Medical/Surgical Nursing can be undertaken by internal or external mode.

Part-time Course Structure

Year 1, Semester 1

NSN701	Advanced Health Assessment
NSN721	Key Issues in Acute & Critical Care Nursing (Medical/Surgical Nursing)

Year 1, Semester 2

NSN722	Principles of Acute & Critical Care Nursing (Medical/Surgical Nursing)
NSN723	Specialisation in Critical Care Nursing OR
NSN725	Specialisation in Medical/Surgical & Cancer Nursing

■ Graduate Certificate in Community Practice (NS34)*

* Subject to final approval for offering from first semester 2001.

Location: Kelvin Grove campus

Course Duration: 1 year part-time

Total Credit Points: 48

Standard Credit Points/Part-time Semester: 24

Course Coordinator: Ms Patsy Yates

Entry Requirements

Normal Entry

Applicants for admission shall hold:

- an undergraduate degree in the health professions (or equivalent), and
- have a minimum of two years recent experience in community health practice.

Alternative Entry

Applicants may be admitted on the basis of relevant experience at the discretion of the Head, School of Nursing.

Course Requirements

All units successfully completed may be credited towards the NS64 Graduate Diploma in Nursing or NS85 Master of Nursing.

The Graduate Certificate in Community Practice can be undertaken by internal or external mode.

Part-time Course Structure

Year 1, Semester 1

NSN622	Contexts of Community Practice
NSN701	Advanced Health Assessment OR Elective (List A)

Year 1, Semester 2

NSN625	Project Management for Community Practice
NSN624	Collaborative Practice in the Community

Electives List A

HLN705	Introduction to Quantitative Research Methods
HLN405	Qualitative Research
NSN721	Key Issues in Acute & Critical Care Nursing*
NSN002	Key Issues in Child & Youth Health Nursing
NSN821	Key Issues in Aged Care
NSN701	Advanced Health Assessment
NSN622	Contexts of Community Practice
NSN517	Womens Health Issues
NSN508	Advanced Readings in Nursing

* Students studying 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.

■ Graduate Certificate in Paediatric, Child and Youth Health Nursing (NS35)*

* Subject to final approval for offering from first semester 2001.

Location: Kelvin Grove campus

Course Duration: 1 year part-time

Total Credit Points: 48

Standard Credit Points/Part-time Semester: 24

Course Coordinator: Ms Patsy Yates

Entry Requirements

Normal Entry

Applicants for admission must be:

- registered as a nurse with the Queensland Nursing Council, and
- should hold an undergraduate degree in nursing (or equivalent) from a recognised institution.

Alternative Entry

Applicants may be admitted on the basis of relevant experience at the discretion of the Head, School of Nursing.

Course Requirements

All units successfully completed may be credited towards the NS64 Graduate Diploma in Nursing or NS85 Master of Nursing.

The Graduate Certificate in Paediatric, Child and Youth Health Nursing can be undertaken by internal or external mode.

Part-time Course Structure

Year 1, Semester 1

- NSN002 Key Issues in Child & Youth Health Nursing
- NSN003 Principles of Paediatric, Child & Youth Health Nursing

Year 1, Semester 2

- NSN006 Specialisation in Paediatric, Child & Youth Health Nursing
- NSN004 Acute Paediatric Nursing
- OR
- NSN005 Community Child & Youth Health Nursing

■ Graduate Certificate in Women's Health (NS36)

Location: Kelvin Grove campus

Course Duration: 1 year part-time

Total Credit Points: 48

Standard Credit Points/Part-time Semester: 24

Course Coordinator: Ms Patsy Yates

Entry Requirements

Normal Entry

Applicants for admission shall hold:

- an undergraduate degree in the health professions (or equivalent) from a recognised institution.

Alternative Entry

Applicants may be admitted on the basis of relevant experience at the discretion of the Head, School of Nursing.

Course Requirements

All units successfully completed may be credited towards the NS64 Graduate Diploma in Nursing or NS85 Master of Nursing, or the Graduate Diploma in Health Science or Master of Health Science.

The Graduate Certificate in Womens Health can be undertaken by internal or external mode.

This course can also be commenced in second semester.

Part-time Course Structure

Year 1, Semester 1

- NSN517 Women's Health Issues Elective (List A)*

Year 1, Semester 2

- NSN509 Special Topic#
- NSN516 Sexual & Reproductive Health

* Refer to Electives List A under the Graduate Certificate in Community Practice (NS34) course entry.

Students will have the option of studying one of two special topics: Preventing Violence Against Women, and Prevention and Early Detection of Breast Cancer.

■ Graduate Certificate in Aged Care (NS39)

Location: Kelvin Grove campus

Course Duration: 1 year part-time

Total Credit Points: 48

Standard Credit Points/Part-time Semester: 24

Course Coordinator: Ms Patsy Yates

Entry Requirements

Normal Entry

Applicants for admission shall hold an undergraduate degree in the health professions (or equivalent).

Alternative Entry

Applicants may be admitted on the basis of relevant experience at the discretion of the Head, School of Nursing.

Course Requirements

All units successfully completed may be credited towards the NS64 Graduate Diploma in Nursing or NS85 Master of Nursing, or the Graduate Diploma in Health Science, or Master of Health Science.

The Graduate Certificate in Aged Care can be undertaken by internal or external mode.

This course can also be commenced in second semester.

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 (List B)

Electives List B

HLN705 Introduction to 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 & Cancer Nursing #
NSN006 Specialisation in Paediatric & Child Health Nursing #
NSN626 Dementia & Family Care
NSN624 Collaborative Practice in the Community
NSN516 Sexual & Reproductive Health
NSN502 Critical Inquiry in Health Care

Students studying 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.

■ Graduate Certificate in Environmental Health (PU32)

Location: Kelvin Grove campus

Course Duration: 2 semesters part-time

Total Credit Points: 48

Course Coordinator: To be advised

Entry Requirements

To be eligible for admission applicants should hold an appropriate bachelor degree or other qualifications/appropriate work experience acceptable to the Dean of Faculty.

Course Notes

This program articulates into the Graduate Diploma in Health Science (HL68) and the Master of Health Science (HL88). Students are required to complete four units, three of which are in environmental health and a population health unit.

Part-time Course Structure

Each of the following units are worth 12 credit points:

Year 1, Semester 1

PUN106 Population Health
PUN620 Concepts of Environmental Health

Year 1, Semester 2

PUN617 Environmental Health Management
PUN619 Environment & Health

■ Graduate Certificate in Health Services Management (PU38)

Location: Kelvin Grove campus

Course Duration: 2 semesters part-time

Total Credit Points: 48

Course Coordinator: To be advised

Entry Requirements

To be eligible for admission applicants should hold an appropriate bachelor degree or other qualifications/appropriate work experience acceptable to the Dean of Faculty.

Course Notes

This program articulates into the Graduate Diploma in Health Science (HL68) and the Master of Health Science (HL88). Students are required to follow a prescribed enrolment program to complete this area of specialisation, although there are options for specialist units within this program.

Course Structure

Each of the following units are worth 12 credit points:

Year 1, Semester 1

PUN692 Health Care Delivery Systems
PUB514 Contract Management
OR
PUN602 Health Planning Management & Evaluation

Year 1, Semester 2

PUN610 Health Services Management
PUN608 Health Economics
OR
PUN601 Contemporary Health Policies
OR
PUN615 Advanced Health Services Management
OR
PUN616 Economic Evaluation in Health Care

■ Graduate Certificate in Health Promotion (PU39)

Location: Kelvin Grove campus

Course Duration: 2 semesters part-time

Total Credit Points: 48

Course Coordinator: To be advised

Entry Requirements

To be eligible for admission applicants should hold an appropriate bachelor degree or other qualifications/appropriate work experience acceptable to the Dean of Faculty.

Course Notes

This program articulates into the Graduate Diploma in Health Science (HL68) and the Master of Health Science (HL88). Students are required to follow a prescribed enrolment program to complete this area of specialisation.

Course Structure

Each of the following units are worth 12 credit points.

Year 1, Semester 1

PUP032 Intervention Design & Theories of Change

PUP036 Concepts & Settings for Health Promotion

Year 1, Semester 2

PUP034 Advanced Studies & Practice in Health Promotion

PUP035 Health Promotion Strategies & Evaluation
OR

PUB614 Health Promoting Schools

■ Bachelor of Applied Science (Honours) (HL52)

■ Bachelor of Nursing (Honours) (HL50)

■ Bachelor of Health Science (Honours) (HL55)

Location: Kelvin Grove campus

Course Duration: 1 year full-time, 2 years part-time

Total Credit Points: 96

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr MaryLou Fleming

Entry Requirements

□ Normal Entry

To be eligible for entry, students should have completed the University's Bachelor of Applied Science/Bachelor of Health Science in a relevant area, or equivalent.

Bachelor of Nursing (Honours) students should have completed the University's Bachelor of Nursing (NS40, NS48) or equivalent.

Students should 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.

□ Special Entry

Applicants who do not satisfy the normal entry requirements 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.

Full-time Course Structure

Year 1, Semester 1

HLP101 Advanced Discipline Readings

HLP103/1 Dissertation
Elective Unit

Select one of the following units:

HLN405 Qualitative Research

HLN706 Advanced Quantitative Research Methods

Year 1, Semester 2

HLP102 Research Seminars

HLP103/2/3/4
Dissertation

Part-time Course Structure

Year 1, Semester 1

Elective unit

Select one of the following units:

HLN405 Qualitative Research

HLN706 Advanced Quantitative Research Methods

Year 1, Semester 2

HLP101 Advanced Discipline Readings

HLP103/1 Dissertation

Year 2, Semester 1

HLP103/2/3 Dissertation

Year 2, Semester 2

HLP102 Research Seminars

HLP103/4 Dissertation

Note: Bachelor of Nursing (Honours) (HL50) students are required to complete HLN706 and HLN405 and therefore should not select an elective unit.

Elective Units

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 student's mentor/supervisor and the course coordinator. Normally the elective unit is chosen from within the student's discipline area or from an area which complements or is germane to the student's study program. Students may also select one of HLN706 Advanced Quantitative Research Methods, HLN405 Qualitative Research or MAN009 Experimental Design & Statistical Analysis.

Dissertation

The Dissertation is one unit valued at 48 credit points. It is commenced during semester 1 (full-time mode) or semester 2 (part-time mode) and completed over the course of the program. Preparation and presentation of the Dissertation are completed under the guidance of a supervisor.

■ Bachelor of Applied Science (Environmental Health) (PU42)

Note: This course is not accepting new students. New students will undertake PU40.

Location: Kelvin Grove campus

Course Duration: 3 years full-time

Total Credit Points: 288

Standard Credit Points/Full-time Semester: 48

Subject Area Coordinator: Mr Tim Strickland

Note: Continuing students should contact the subject area coordinator for details of their enrolment program in 2001.

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

Location: Kelvin Grove campus

Course Duration: 4 years full-time

Total Credit Points: 384

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr Graham Costin

Special Course Requirements

Students must complete units totalling 384 credit points including foundation units, two minors, elective units, and practicum experiences.

One minor (48 credit points) must consist of four units from level three Human Movement electives. The second minor (48 credit points) undertaken from any approved discipline within QUT will consist of at least 24 credit points from level two and three units.

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.

A minor (48 credit points) in any approved discipline area within the university must be completed by the end of the third year of the course. A minor will normally consist of 1st, 2nd and 3rd year units.

Students may choose to complete the minor study and elective units from School of Human Movement Studies' offerings. This sequence of units will be organised to provide emphases in areas of Human Movement Studies such as health and fitness leadership, exercise rehabilitation and exercise and sports nutrition.

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 (from 1998 onwards)

Year 1, Semester 1

HMB171	Fitness, Health & Wellness
HMB313	Socio-Cultural Foundations of Physical Activity
LSB131	Anatomy
PYB012	Psychology

Year 1, Semester 2

LSB231	Physiology
HMB272	Biomechanics
HMB275	Exercise & Sport Psychology
HMB172	Nutrition & Physical Activity

Year 2, Semester 1

HMB271	Foundations of Motor Control, Learning & Development
HMB273	Bioenergetics & Muscle Physiology in Exercise
HMB274	Functional Anatomy Elective or minor study

Year 2, Semester 2

HMB276	Research in Human Movement
PUB233	Information Education & Communication for Health
HMB382	Principles of Exercise Prescription Elective or minor study

Year 3, Semester 1

HMB379	Disorders of Human Movement Minor Study or elective
HMB470	Practicum 1 or major study Elective or minor study

Year 3, Semester 2

HMB470	Practicum 1 or major study Elective or minor study Elective or minor study Elective or minor study
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Year 4, Semester 1

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

Further advice regarding elective choices can be gained from academic advisers.

Note: This course has undergone restructuring. Students who commenced prior to 1998 will be required to seek academic advice to plan their progression through the course.

Mid-Year entry students are strongly advised to seek academic advice.

Third Level Units

All third level units are not available in every semester. Students should consult school notice boards for availability.

HMB277	Exercise & Sport Nutrition
HMB361	Functional Anatomy 2
HMB362	Biomechanics 2
HMB363	Independent Study
HMB364	Seminars in Human Movement
HMB371	Motor Control & Learning 2
HMB374	Psychology of Rehabilitation
HMB375	Adapted Physical Activity
HMB376	Motor Development in Children
HMB377	Children in Sport
HMB381	Cardiovascular & Pulmonary Physiology in Exercise
HMB383	Workplace Health
HMB384	Injury Prevention & Rehabilitation
HMB480	Advanced Exercise Prescription

■ Bachelor of Applied Science (Occupational Health and Safety) (PU44)

Note: This course is not accepting new students. New students will undertake PU40.

Location: Kelvin Grove campus

Course Duration: 3 years full-time

Total Credit Points: 288

Standard Credit Points/Full-time Semester: 48

Subject Area Coordinator: Associate Professor Mike Capra

Note: Continuing students should contact the subject area coordinator for details of their enrolment program in 2001.

■ Bachelor of Applied Science (Optometry) (OP42)

Location: Kelvin Grove campus

Course Duration: 4 years full-time

Total Credit Points: 384

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Associate Professor Peter Swann

Professional Recognition

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 States' legislation. Under these Acts, the practice of optometry is restricted to persons whose names appear on the Register. On completion of the degree course 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 and approved by University Academic Board.

Ophthalmic instruments are required by students for the clinical program from the beginning of the second and fourth 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.

Full-time Course Structure Commencing Students 2001

Year 1, Semester 1

LSB118	Life Science
LSB152	Anatomy
MAB140	Quantitative Methods for Optometry & Health Science
PCB141	Chemistry for Clinical Health Professionals

Year 1, Semester 2

LSB275	Biomolecular Science
LSB250	Human Physiology
OPB250	Optometry 2
PHB240	Optics 2

Year 2, Semester 1

OPB350	Optometry 3
OPB351	Visual Science 3
OPB352	Ocular Anatomy & Physiology 3
PCB340	Optics 3

Year 2, Semester 2

OPB450	Optometry 4
OPB451	Visual Science 4
OPB452	Ocular Anatomy & Physiology 4
LSB492	Microbiology

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

Continuing students who enrolled prior to 1999

Year 4, Semester 1

MAB258	Experimental Design
OPB705	Clinical Optometry 7
OPB709	Optometry 7
OPB717	Contact Lens Studies 7
OPB750/1	Project

Year 4, Semester 2

OPB750/2	Project
OPB803	Occupational/Public Health Optometry
OPB805	Clinical Optometry 8
OPB807	Practice Management

■ Bachelor of Applied Science (Podiatry) (PU45)

Note: This course is not accepting new students. New students will undertake PU43.

Location: Kelvin Grove campus

Course Duration: 3 years full-time

Total Credit Points: 288

Standard Credit Points/Full-time Semester: 48

Subject Area Coordinator: Mr Alan Crawford

Note: Continuing students should contact the subject area coordinator for details of their enrolment program in 2001.

■ Bachelor of Business (PU47/PU48)

With majors in: Health Information Management and Health Administration.

Note: This course is not accepting new students. New students will undertake PU40.

Location: Kelvin Grove campus

Course Duration: 3 years full-time (Health Information Management major), 3 years full-time or 6 years part-time (Health Administration major)

Total Credit Points: 288

Standard Credit Points/Full-time Semester: 48

Subject Area Coordinator:

Health Information Management: Ms Jennifer Nicol

Health Administration: Ms Desley Vine

Note: Continuing students should contact the subject area coordinator for details of their enrolment program in 2001.

■ Bachelor of Health Science (PU40)

With majors in: Environmental Health, Health Services Management, Health Information Management, Occupational Health and Safety and Public Health. Initial enrolment would be in the specific major.

Location: Kelvin Grove campus

Course Duration: 3 years full-time.

Total credit points: 288

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr Sandra Capra

ENVIRONMENTAL HEALTH

Subject Area Coordinator: Mr Tim Strickland

Course Requirements

Arrangements to complete the course through a 'sandwich' program can be discussed with the subject area coordinator. This method of attendance is relevant to students living outside the Brisbane region and those who are employed as trainee Environmental Health Officers. Trainee Environmental Health Officers are permitted a maximum of six years to complete. Field trips as detailed in the unit synopses have an attendance requirement and will be assessed.

Professional Recognition

Students who complete the Environmental Health major will be eligible for membership of the Australian Institute of Environmental Health (AIEH) and the Environment Institute of Australia. Graduates will be accredited as an environmental health officer within Australia and overseas by joining the AIEH.

Full-time Course Structure

Year 1, Semester 1

PUB107	Introduction to Environmental Health
PUB112	Introduction to Occupational Health & Safety
LSB142	Human Anatomy & Physiology
PCB101	Physical Science*
	OR
PCB150	Physics 1H**

Year 1, Semester 2

PCB142	Chemistry 1
PCB242	Chemistry 2

PCB263 Physics 2E
PUB251 Contemporary Public Health

Year 2, Semester 1

CNB171 Construction 1
LSB118 Introduction to Life Science
Minor elective
Minor elective

Year 2, Semester 2

LSB415 Microbiology
PUB200 Environmental Protection
PUB403 Environmental Health Management A
Minor elective

Year 3, Semester 1

PUB510 Environmental Health Management B
PUB511 Health Policy, Planning & Evaluation
PUB517 Food Hygiene Studies
Minor elective

Year 3, Semester 2

PUB316 Research Methods
PUB604 Environmental Health Management C
PUB630 Environmental Health Practice
Minor elective

* To be taken if student has **not** successfully completed senior level Chemistry (or equivalent)

** To be taken if student **has** successfully completed senior level Chemistry (or equivalent)

Minor Stream Electives (students undertake 2 of the following streams)

Environmental Protection

NRB300 Environmental Monitoring Techniques
PUB200 Environmental Protection
PUB307 Environmental Pollution
PUB515 Environmental & Occupational Toxicology

Food Safety

LSB415 Microbiology
PUB474 Food Studies
PUB506 Food Services Management
PUB517 Food Hygiene Studies

Health Promotion

PUB314 Epidemiology & Statistics
PUB406 Introduction to Health Promotion
PUB511 Health Policy, Planning & Evaluation
PUB632 Independent Study

FAMILY AND CONSUMER STUDIES

Note: This course is not accepting new students. Continuing students should contact the subject area coordinator for details of their enrolment program.

Subject Area Coordinator: Dr Margaret Wingett

HEALTH SERVICES MANAGEMENT

Subject Area Coordinator: Ms Desley Vine

Professional Recognition: Students who complete the Health Administration/Health Services Management major will be eligible for membership of the Australian College of Health Service Executives.

Full-time Course Structure

Year 1, Semester 1

PUB104 Introduction to Health Services Management
PUB106 Introduction to Health Information Management
BSB112 Electronic Commerce
PUB233 Communication, Information & Education for Health

Year 1, Semester 2

BSB115 Management, People & Organisations
ITB225 Introduction to Databases
LWS001 Medicine & the Law
PUB251 Contemporary Public Health

Year 2, Semester 1

BSB110 Accounting
BSB113 Economics
Elective List A or C
Elective List A or C

Year 2, Semester 2

MGB207 Managing Human Resources
PUB380 Casemix Management
PUB433 Health Care Economics
PUB480 Health Administration Finance

Year 3, Semester 1

PUB314 Epidemiology & Statistics
PUB511 Health Policy, Planning & Evaluation
PUB514 Contract/Program Management
Elective List A or C

Year 3, Semester 2

PUB418 Health Computer Systems
PUB609 Economic Evaluation
PUB659 Management of Health Services
Elective List B or D

Elective Units for Health Services Management major

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. Suggested electives include:

List A (Semester 1)

HMB171 Fitness Health & Wellness
HMB273 Bioenergetics & Muscle Physiology
LSB142 Human Anatomy & Physiology
PUB105 Introduction to Family Studies
PUB107 Introduction to Environmental Health
PUB112 Introduction to Occupational Health & Safety
PUB349 Family & Households

List B (Semester 2)

HMB171 Fitness Health & Wellness
LSB415 Microbiology
PUB117 Introduction to Consumer Studies
PUB203 Primary Health Care
PUB225 Living Spaces for People
PUB321 Textiles Studies
PUB336 Women's Health
PYB067 Human Sexuality
PYB086 Interpersonal & Group Processes
PYB203 Developmental Psychology

List C (Semester 1)

HUB759	Values & Social Choice
PUB341	Nutrition Education
PYB054	Psychology & Gender

List D (Semester 2)

HUB753	Ethical Decision Making
JSB082	Legal Rights & Responsibilities
LEB443	Human Sexuality & Learning
PUB316	Research Methods
PUB477	Consumer Rights & Advocacy
PUB611	Risk Management
PUB875	Professional Practice

HEALTH INFORMATION MANAGEMENT

Subject Area Coordinator: Ms Jenny Nicol

Professional Recognition: Students who complete the Health Information Management major will be eligible for membership of the Health Information Management Association of Australia, the Clinical Coder's Society of Australia, and the Australian College of Health Services Executives.

Full-time Course Structure

Year 1, Semester 1

PUB104	Introduction to Health Services Management
PUB106	Introduction to Health Information Management
BSB112	Electronic Commerce
PUB233	Communication, Information & Education for Health

Year 1, Semester 2

BSB115	Management, People & Organisations
ITB225	Introduction to Databases
LWS001	Medicine & the Law
PUB251	Contemporary Public Health

Year 2, Semester 1

LSB142	Human Anatomy & Physiology
LSB361	Fundamentals of Medicine
PUB220	Medical Terminology
PUB298	Health Information Management 2

Year 2, Semester 2

MGB207	Managing Human Resources
PUB380	Casemix Management
PUB356	Clinical Classification 1
PUB480	Health Administration Finance

Year 3, Semester 1

PUB314	Epidemiology & Statistics
PUB456	Clinical Classification 2
PUB511	Health Policy, Planning & Evaluation
PUB599	Health Information Management 3

Year 3, Semester 2

PUB418	Health Computer Systems
PUB553	Professional Practice
PUB619	Health Information Management 4
PUB659	Management of Health Services

OCCUPATIONAL HEALTH AND SAFETY

Subject Area Coordinator: To be advised

Professional Recognition: Students who complete the Occupational Health and Safety major will be eligible for membership of the Safety Institute of Australia, the Ergonomics Society of Australia and the Australian Institute of Occupational Hygienists. Eligibility for membership of one or more of these organisations is often a requirement for employment in the industry.

Full-time Course Structure

Year 1, Semester 1

PUB107	Introduction to Environmental Health
PUB112	Introduction to Occupational Health & Safety
LSB142	Human Anatomy & Physiology
PCB101	Physical Science*
	OR
PCB150	Physics 1H**

Year 1, Semester 2

PCB142	Chemistry 1
PCB242	Chemistry 2
PCB263	Physics 2E
PUB251	Contemporary Public Health

Year 2, Semester 1

MEB036	Safety Technology 1
PCB414	Industrial & Environmental Analytical Chemistry
PUB352	Occupational Health
PUB314	Epidemiology & Statistics

Year 2, Semester 2

LSB415	Microbiology
PCB404	Scientific Principles of Safety
PUB484	Introduction to Ergonomics
PUB485	Introduction to Occupational Hygiene

Year 3, Semester 1

PUB515	Environmental & Occupational Toxicology
PUB516	Occupational Health & Safety Practice 1
PUB584	Advanced Ergonomics
PUB585	Advanced Occupational Hygiene

Year 3, Semester 2

PUB316	Research Methods
PUB611	Risk Management
PUB615	Occupational Health & Safety Management
PUB616	Occupational Health & Safety Practice 2

* To be taken if students has **not** successfully completed senior level Chemistry (or equivalent)

** To be taken if student **has** successfully completed senior level Chemistry (or equivalent)

Cooperative Education Program

A registered student who has completed 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 subject area coordinator,

undertake the Cooperative Education option. This involves 10-12 months of paid full-time employment in an approved industrial/commercial setting during which time the student is enrolled in PUB695 Industrial Training Experience. On completion of the approved cooperative education placement the student resumes formal third year studies but is not required to complete the units PUB516 Occupational Health & Safety Practice 1 and PUB613 Occupational Health & Safety Practice 2. Approval of enrolment in the cooperative education program is dependent on the availability of places and on individual student performance in the first two years of the course.

PUBLIC HEALTH

Subject Area Coordinator: Ms Sue Wilson

Professional Recognition: Students who complete the Public Health major will be eligible for membership of the Public Health Association of Australia and the Australian Association of Health Promotion Professionals.

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 & Education for Health

Year 2, Semester 1

PUB314 Epidemiology & Statistics
 PUB341 Nutrition Education
 OR
 PUB349 Family & Households
 Minor elective
 Minor elective

Year 2, Semester 2

PUB316 Research Methods
 PUB477 Consumer Rights & Advocacy
 Minor elective
 Minor elective

Year 3, Semester 1

PUB511 Health Policy, Planning & Evaluation
 PUB514 Contract/Program Management
 Minor elective
 Minor elective

Year 3, Semester 2

PUB875 Professional Practice
 Minor elective
 Minor elective
 Minor elective

MINOR ELECTIVE UNITS FOR THE PUBLIC HEALTH MAJOR

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. Suggested electives include:

Minor Electives

Community Nutrition

Choose 4 of the following:

PUB341 Nutrition Education
 PUB474 Food Studies
 PUB509 Public Health Nutrition 2
 PUB632 Independent Study

Consumer Studies

PUB477 Consumer Rights & Advocacy
 HSB002 Introduction to Human Rights
 PUB501 Applied Counselling for Health
 PUB678 Consumer Perspectives on Health

Environmental Health

PUB107 Introduction to Environmental Health
 LSB415 Microbiology
 PUB200 Environmental Protection
 PUB517 Food Hygiene Studies

Family Studies

PUB349 Family & Households
 PYB086 Interpersonal & Group Processes
 PUB551 Promoting Health in Families
 PUB601 Family Life & Social Change

Health Education

PUB329 Foundations of Health Education
 PUB406 Introduction to Health Promotion
 LEB333 Adult Development & Learning
 PYB086 Interpersonal & Group Processes

Health Promotion

PUB314 Epidemiology & Statistics
 PUB406 Introduction to Health Promotion
 PUB511 Health Policy, Planning & Evaluation
 PUB514 Contract/Program Management

Home Economics

PUB313 Design
 OR
 PUB335 Hospitality
 PUB321 Textiles Studies
 PUB225 Living Spaces for People
 PUB349 Family & Households
 OR
 PUB361 Textiles 2
 OR
 PUB474 Food Studies

Indigenous Health

PUB314 Epidemiology & Statistics
 PUB406 Introduction to Health Promotion
 PUB557 Health Needs of Indigenous Australians & Other Pops
 HUB700 Indigenous Cultural Studies

Occupational Health and Safety

Choose 4 of the following:

PUB112 Introduction to Occupational Health & Safety

PUB352 Occupational Health
 PUB515 Environmental Occupational Toxicology
 PUB611 Risk Management
 PUB632 Independent Study

Women's Health

PUB314 Epidemiology & Statistics
 PUB336 Women's Health
 PUB632 Independent Study
 PYB054 Psychology & Gender

■ Bachelor of Health Science (PU43)

With majors in: Nutrition and Dietetics, and Podiatry.
 Initial enrolment would be in the specific major.

Location: Kelvin Grove campus

Course Duration: 4 years full-time

Total Credit Points: 384

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr Sandra Capra

NUTRITION AND DIETETICS

Subject Area Coordinator: Ms Delma Stormont

Professional Recognition: Students who complete the Nutrition and Dietetics major will be eligible for membership of the Dietitians Association of Australia.

Full-time Course Structure

Year 1, Semester 1

PCB142 Chemistry 1
 LSB131 Anatomy
 PUB251 Contemporary Public Health
 PUB474 Food Studies

Year 1, Semester 2

PCB242 Chemistry 2
 PUB201 Public Health Nutrition 1
 PUB233 Communication, Information & Education for Health
 PYB012 Psychology

Year 2, Semester 1

LSB308 Biochemistry
 LSB358 Physiology 1
 PUB314 Epidemiology & Statistics
 PUB341 Nutrition Education
 OR
 PYB208 Counselling Theory & Practice

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 & 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 2
 PUB824 Practice in Foodservice
 Minor***
 Minor***

Year 4, Semester 2

PUB606 Dietetic Management
 PUB823 Practice in Community Nutrition
 Minor***
 Minor***

* Credentialling requirements are for 4 semesters of study in anatomy/physiology. Students must chose either HMB273 or LSB658 as their fourth unit.

** Students choose either 1 elective cohesive with the chosen minor OR may make a free choice of a relevant unit.

*** Student choose 48 credit points from a list of specified units which constitute a minor.

Elective Units for the Nutrition and Dietetics Minor

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. The units shown below are approved elective units for students in the Nutrition and Dietetics major:

Clinical Science

LSB658 Clinical Physiology
 AND

36 credit points selected from the following:

LSB365 Pathology
 LSB438 Immunology
 LSB415 Microbiology
 LSB508 Advanced Metabolism
 PUB507 Advanced Nutrition Science
 PUB632 Independent Study

Dietetic Management

48 credit points selected from the following:

LWS001 Medicine & the Law
 PUB352 Occupational Health
 PUB380 Casemix Management
 PUB480 Health Administration Finance
 PUB511 Health Policy, Planning & Evaluation

Exercise

HMB273* Bioenergetics & Muscle Physiology in Exercise
AND

36 credit points selected from the following:

HMB277 Exercise & Sport Nutrition
HMB363 Independent Study
HMB381 Cardiovascular & Pulmonary Physiology in Exercise
HMB382 Principles of Exercise Prescription

Food Safety

LSB415 Microbiology
PUB474 Food Studies
PUB506 Food Services Management
PUB517 Food Hygiene Studies

Health Promotion

PUB341 Nutrition Education
AND

36 credit points selected from the following:

PUB406 Introduction to Health Promotion
PUB117 Introduction to Consumer Studies
PUB336 Women's Health
PUB477 Consumer Rights & Advocacy
PUB557 Health Needs of Indigenous Australians & Other Populations

Private Practice

LWS001 Medicine & the Law
BSB110 Accounting
BSB112 Electronic Commerce
PUB826 Project & 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 & Other Populations
PUB625 Case Studies in Public Health Nutrition

Research

PUB316 Research Methods
HLN405 Qualitative Research
HLN706 Advanced Qualitative Research
PUB632 Independent Study

PODIATRY

Subject Area Coordinator: Mr Alan Crawford

Professional Recognition: Students who complete the Podiatry major will be eligible for membership of the Australian Podiatry Association, The Queensland Podiatry Association and the Australian Sports Medicine Federation.

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 Biochemistry
PUB233 Communication, Information & Education for Health

Year 2, Semester 1

HMB274 Functional Anatomy
LSB451 Human Physiology
PUB314 Epidemiology & Statistics
PUB324 Podiatric Medicine 1 (includes clinic work)

Year 2, Semester 2

LSB475 Disease Processes 4
LSB492 Microbiology
PUB316 Research Methods
PUB424 Podiatric Medicine 2 (includes clinic work)

Year 3, Semester 1

PUB522 Podiatric Anesthesiology
PUB523 Medicine
PUB524 Podiatric Medicine 3 (includes clinic work)
PUB525 Pharmacology

Year 3, Semester 2

PCB313 Radiographic Image Interpretation
PUB623 Dermatology
PUB624 Podiatric Medicine 4 (includes clinic work)
PUB635 Podiatric Surgery

Year 4, Semester 1

PUB726 Orthopaedics
PUB727 Physical Medicine
PUB728 Clinical Medicine 1
PUB729 Professional Internship 1

Year 4, Semester 2

PUB826 Project & Professional Management
PUB827 Sports Medicine
PUB828 Clinical Medicine 2
PUB829 Professional Internship 2

■ Bachelor of Health Science (Nutrition and Dietetics)/ Bachelor of Applied Science (Human Movement Studies) (HL42)

Location: Kelvin Grove campus

Course Duration: 5 years full-time

Total Credit Points: 528

Standard Credit Points/Full-time Semester: Of the 10 semesters, 6 are of 48 credit points, and 4 are 60 credit points

Course Coordinator: Dr Graham Costin

Strand Coordinators:

Nutrition and Dietetics: Ms Delma Stormont

Human Movement Studies: Dr Graham Costin

Course Majors: Nutrition and Dietetics and Human Movement Studies

Professional Recognition

On graduation, students are eligible for membership in appropriate professional bodies. Students who complete the Nutrition and Dietetics major will be eligible for membership of the Dietitians Association of Australia. Students who complete the Human Movement Studies major will be eligible for membership of the Australian Association of Exercise and Sports Science.

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 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 (from 1998 onwards)

Year 1, Semester 1

LSB131	Anatomy
PCB142	Chemistry 1
PUB251	Contemporary Public Health
PUB474	Food Studies

Year 1, Semester 2

HMB171	Fitness, Health & Wellness
HMB276	Research in Human Movement
PCB242	Chemistry 2
PUB201	Public Health Nutrition 1
PUB233	Communication, Information & Education for Health

Year 2, Semester 1

HMB271	Foundations of Motor Control Learning & Development
HMB274	Functional Anatomy
HMB313	Socio-Cultural Foundations of Physical Activity
LSB308	Biochemistry 1
LSB358	Physiology 1

Year 2, Semester 2

HMB272	Biomechanics
LSB408	Biochemistry 2
LSB458	Physiology 2
PUB405	Nutrition Science
PYB013	Psychology

Year 3, Semester 1

HMB273	Bioenergetics & Muscle Physiology in Exercise
HMB379	Disorders of Human Movement
PUB314	Epidemiology & Statistics
PUB506	Foodservice Management
PUB541	Medical Nutrition Therapy 1

Year 3, Semester 2

HMB275	Exercise & Sports Psychology
HMB382	Principles of Exercise Prescription

PUB628	Advanced Food Studies
PUB641	Medical Nutrition Therapy 1

Year 4, Semester 1

HMB277	Exercise & Sports Nutrition
HMB470	Practicum 1
HMB471	Project 1
PUB509	Public Health Nutrition 2

Year 4, Semester 2

HMB472	Project 2
	Major Study (Human Movement Studies)
PUB606	Dietetic Management
PUB875	Professional Practice

Year 5, Semester 1

PUB501	Applied Counselling for Health Professionals
PUB722	Practice in Clinical Dietetics 2
PUB824	Practice in Foodservice Management Elective

Year 5, Semester 2

HMB475	Practicum 2
PUB823	Practice in Community Nutrition

Additional Major Unit

The additional major unit will be selected from the following list. All third level units are not available in every semester. Students should consult school noticeboards for availability.

HMB277	Exercise & Sport Nutrition
HMB361	Functional Anatomy 2
HMB362	Biomechanics 2
HMB363	Independent Study
HMB364	Seminars in Human Movement
HMB371	Motor Control & Learning 2
HMB374	Psychology of Rehabilitation
HMB375	Adapted Physical Activity
HMB376	Motor Development in Children
HMB377	Children in Sport
HMB381	Cardiovascular & Pulmonary Physiology in Exercise
HMB383	Workplace Health
HMB384	Injury Prevention & Rehabilitation
HMB480	Advanced Exercise Prescription

■ Bachelor of Nursing (Postregistration) (NS48)

Location: Kelvin Grove campus

Course Duration: 1 year full-time, 2 years part-time

Internal/external mode. Mid-year entry also available.

Total Credit Points: 96

Standard Credit Point/Full-time Semester: 48

Course/External Coordinator: Dr Alan Barnard

Entry Requirements

Domestic students must be eligible for registration as a nurse with the Queensland Nursing Council (QNC).

International students must:

- have gained from a recognised institution a qualification equivalent, on the university's assessment, to that of a registered nurse in Australia, and
- be registered or authorised to practice in their country of origin or residence.

Electives

Students may select electives (other than those on List A) either within or outside the School of Nursing. It will be necessary to seek approval from the appropriate school/faculty to enrol in elective units based outside the School of Nursing.

Note: NSB100 Language & Learning in Nursing 1 is suitable for international students and NESB students.

NURSES WITH A HOSPITAL CERTIFICATE

INTERNAL MODE

Full-time Course Structure

Year 1, Semester 1

- NSB321 Professional Practice Development
- NSB224 Research Approaches in Nursing
Elective (List A)

Plus one of the following units:

- LSB182 Bioscience 1
- SSB101 Introduction to Psychology & Health Care
- NSB223 Mental Health Nursing
- NSB425 Clinical Practice Development³
- NSB113 Values, Culture & Nursing
Or any other approved unit

Year 1, Semester 2

- Elective
- Elective
- Elective

NSB413 (for honours students)

Plus one of the following units:

- SSB982 Introduction to Social Science & Health Care
- LSB282 Bioscience 2
- NSB422 Special Topic²
- NSB425 Clinical Practice Development³
- HUB009 Ethics, Law & Health Care
- NSB312 Family & Community Nursing (Nursing 6)
Or any other approved unit

Part-time Course Structure

Year 1, Semester 1

- NSB321 Professional Practice Development

Plus one of the following units:

- LSB182 Bioscience 1
- PYB071 Introduction to Psychology & Health Care

- NSB425 Clinical Practice Development
Or any other approved unit

Year 1, Semester 2

Elective

Plus one of the following units:

- SSB982 Introduction to Social Science & Health Care
- NSB425 Clinical Practice Development³
- LSB282 Bioscience 2
- NSB422 Special Topic²
- NSB312 Family & Community Nursing (Nursing 6)
- HUB009 Ethics, Law & Health Care
- NSB425 Clinical Practice Development³
Or any other approved unit

Year 2, Semester 1

- NSB224 Research Approaches in Nursing
Elective (from List A)

Plus one of the following units:

- LSB182 Bioscience 1
- PYB071 Introduction to Social Science & Health Care

Year 2, Semester 2

- Elective
- Elective

NSB413 (for honours students)

MID-YEAR ENTRY

Full-time Course Structure

Year 1, Semester 2

- NSB321 Professional Practice Development
Elective
- Elective

NSB413 (for honours students)

Plus one of the following units:

- SSB982 Introduction to Social Science & Health Care
- LSB282 Bioscience 2
- NSB422 Special Topic²
- NSB425 Clinical Practice Development³
- NSB312 Family & Community Nursing (Nursing 6)
- HUB009 Ethics, Law & Health Care
Or any other approved unit

Year 2, Semester 1

- NSB224 Research Approaches in Nursing
Elective (from List A)
- Elective

Plus one of the following units:

- LSB182 Bioscience 1
- SSB101 Introduction to Psychology & Health Care
- NSB223 Mental Health Nursing
- NSB425 Clinical Practice Development³
- NSB113 Values Culture & Nursing
Or any other approved unit

² *Special Topic – select one of the following: Pain Assessment and Management Strategies; Clinical Teaching and Learning; Cardiothoracic Nursing; Nursing in a Technological World.*

³ *This unit contains off-campus clinical experience.*

MID-YEAR ENTRY

Part-time Course Structure

Year 1, Semester 2

NSB321 Professional Practice Development

Plus one of the following units:

SSB982 Introduction to Social Science & Health Care

HUB009 Ethics, Law & Health Care

NSB425 Clinical Practice Development³

NSB312 Family & Community Nursing (Nursing 6)

NSB422 Special Topic²

Or any other approved unit

Year 2, Semester 1

NSB224 Research Approaches In Nursing
Elective

Year 2, Semester 2

Elective

Elective

NSB413 (for honours students)

Year 3, Semester 1

Elective (List A)

Plus one of the following units:

LSB182 Bioscience 1

SSB101 Introduction of Psychology & Health Care

NSB425 Clinical Practice Development

NSB223 Mental Health Nursing

NSB113 Values Culture & Nursing

Or any other approved unit

EXTERNAL MODE – MARCH ENTRY

Offered Part-time Only

Year 1, Semester 1

NSB321 Professional Practice Development

Plus one of the following units:

NSB113 Values Culture & Nursing

NSB223 Mental Health Nursing

Or any other approved unit

Year 1, Semester 2

NSB312 Family & Community Nursing (Nursing 6)

Plus one of the following units:

NSB422 Special Topic

Elective

Or any other approved unit

Year 2, Semester 1

NSB224 Research Approaches in Nursing
Elective

Year 2, Semester 2

Elective

Elective

EXTERNAL MODE – JULY ENTRY

NSB321 Professional Practice Development

Plus one of the following units:

NSB312 Family & Community Nursing (Nursing 6)

NSB422 Special Topic

Or any other approved unit

Year 2, Semester 1

Elective

Plus one of the following units:

NSB113 Values, Culture & Nursing

NSB223 Mental Health Nursing

Or any other approved unit

Year 2, Semester 2

NSB224 Research Approaches in Nursing

Plus one of the following units:

NSB422 Special Topic

NSB312 Family & Community Nursing (Nursing 6)

Or any other approved unit

Year 3, Semester 1

(2 units must be chosen)

Elective

Elective

NSB422 Special Topic²

■ Bachelor of Nursing (Preregistration) (NS40)

Location: Kelvin Grove campus

Course Duration: 3 years full-time, 6 years part-time

Total Credit Points: 288

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Ms Robyn Nash

Professional Recognition

Graduates are eligible for registration within Australia, and have been successful in obtaining registration in Britain, New Zealand and North America.

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

NSB113 Values, Culture & Nursing

NSB116 Nursing 1

PYB071 Introduction to Psychology & Health Care

² *Special Topic – select one of the following: Pain Assessment and Management Strategies; Clinical Teaching and Learning; Cardiothoracic Nursing; Nursing in a Technological World.*

³ *This unit contains off-campus clinical experience.*

Year 1, Semester 2

LSB282	Bioscience 2
NSB121	Nursing 2
NSB122	Clinical Practice 1 ³
HUB141	Social Science & Health Care

Year 2, Semester 1

LSB382	Bioscience 3
NSB213	Nursing 3
NSB212	Clinical Practice 2 ³
NSB223	Mental Health Nursing

Year 2, Semester 2

HUB009	Ethics, Law & Health Care
NSB221	Nursing 4
NSB222	Clinical Practice 3 ³
NSB224	Research Approaches in Nursing

Year 3, Semester 1

NSB311	Nursing 5
NSB322	Clinical Practice 4 ³
	Elective – List A
	Elective – List B

Year 3, Semester 2

NSB312	Nursing 6
NSB321	Professional Practice Development
NSB323	Clinical Practice 5 ³
	Elective – List C

Part-time Course Structure

Year 1, Semester 1

LSB182	Bioscience 1
NSB113	Values, Culture & Nursing

Year 1, Semester 2

LSB282	Bioscience 2
HUB141	Social Science & Health Care

Year 1, Semester 3

NSB116	Nursing 1
PYB071	Introduction to Psychology & Health Care

Year 1, Semester 4

NSB121	Nursing 2
NSB122	Clinical Practice 1 ³

Year 2, Semester 1

LSB382	Bioscience 3
NSB223	Mental Health Nursing

Year 2, Semester 2

HUB009	Ethics, Law & Health Care
NSB224	Research Approaches in Nursing

Year 2, Semester 3

NSB213	Nursing 3
NSB212	Clinical Practice 2 ³

Year 2, Semester 4

NSB221	Nursing 4
NSB222	Clinical Practice 3 ³

Year 3, Semester 1

NSB311	Nursing 5
	Elective – List A

Year 3, Semester 2

NSB312	Nursing 6
	Elective – List C

Year 3, Semester 3

NSB322	Clinical Practice 4
	Elective – List B

Year 3, Semester 4

NSB321	Professional Practice Development
NSB323	Clinical Practice 5 ³

Electives for 2001 (subject to availability)

Elective List A

PUB104	Introduction to Health Services Management
PUB105	Introduction to Family Studies
PUB106	Introduction to Health Information Management
PUB107	Introduction to Environmental Health
PUB112	Introduction to Occupational Health & Safety
PUB117	Introduction to Consumer Studies
PUB127	Health Issues in Australia
PUB201	Public Health Nutrition 1
PUB203	Primary Health Care
PUB220	Medical Terminology
PUB225	Living Spaces for People
PUB233	Communication, Information & Education for Health
PUB251	Contemporary Public Health
PUB329	Foundations of Health Studies & Health Behaviour
PUB336	Women's Health
PUB355	Hospitality Studies
PUB380	Casemix Management
PUB474	Food Studies
PUB477	Consumer Rights & Advocacy
PUB480	Health Administration Finance
PUB611	Risk Management

Elective List B

NSB412	Clinical Elective
HMB171	Fitness, Health & Wellness
OR	
	Any other approved unit, of at least 12 credit points, for which students have the necessary pre-requisites

List C Elective

HUB008	Research Methods in Ethics & Bioethics
NSB421	Independent Study
NSB422	Special Topic
PUB425	Food & Nutrition
OR	
	Any other approved unit, of at least 12 credit points, for which students have the necessary pre-requisites

Full-time Course Structure

Year 1, Semester 1

LSB382	Bioscience 3
NSB122	Clinical Practice 1 ³

³ This unit contains off-campus clinical experience.

NSB213 Nursing 3
 NSB223 Mental Health Nursing
 NSB417 Introduction to Nursing

Year 1, Semester 2

HUB009 Ethics, Law & Health Care
 NSB221 Nursing 4
 NSB212 Clinical Practice 2³
 NSB222 Clinical Practice 3³

Year 2, Semester 1

NSB311 Nursing 5
 NSB222 Clinical Practice 4³
 Elective – List A

Year 2, Semester 2

NSB312 Nursing 6
 NSB321 Professional Practice Development
 NSB323 Clinical Practice 5³
 Elective – List C

■ Bachelor of Nursing/Bachelor of Applied Science (in Human Movement Studies) (HL40)

Location: Kelvin Grove campus (some units are located at Gardens Point campus)

Course Duration: 4 years full-time

Total Credit Points: 432

Course Coordinators:

Nursing: Ms Robyn Nash

Human Movement Studies: Dr Graham Costin

Course Requirements

Students are required to complete 432 credit points within the integrated course. This will consist of 240 credit points from the Bachelor of Nursing (Pre-Registration) degree (NS40) and 192 credit points from the Bachelor of Applied Science (in Human Movement Studies) degree (HM42).

Full-time Course Structure

Year 1, Semester 1

HMB171 Fitness, Health & Wellness
 PUB233 Communication, Information & Education for Health
 LSB131 Anatomy
 PYB071 Introduction to Psychology & Health Care

Year 1, Semester 2

HMB172 Nutrition & Physical Activity
 HMB272 Biomechanics 4
 HMB275 Exercise & Sport Psychology
 LSB231 Physiology
 HUB141 Social Science & Health Care

Year 2, Semester 1

HMB271 Foundations of Motor Control Learning & Development
 HMB273 Bioenergetics & Muscle Physiology in Exercise

HMB274 Functional Anatomy
 HMB379 Disorders of Human Movement
 NSB116 Nursing 1

Year 2, Semester 2

LSB282 Bioscience 2
 NSB121 Nursing 2
 NSB122 Clinical Practice 1³
 HMB276 Research in Human Movements
 HMB382 Principles of Exercise Prescription

Year 3, Semester 1

LSB382 Bioscience 3
 NSB212 Clinical Practice 2³
 NSB213 Nursing 3
 NSB223 Mental Health Nursing

Year 3, Semester 2

HMB470 Practicum 1³
 HUB009 Ethics, Law & Health Care
 NSB221 Nursing 4
 NSB222 Clinical Practice 3³

Year 4, Semester 1

HMB major
 HMB elective
 NSB113 Values, Culture & Nursing
 NSB311 Nursing 5
 NSB322 Clinical Practice 4³

Year 4, Semester 2

NSB312 Nursing 6³
 NSB321 Professional Practice Development
 NSB323 Clinical Practice 5³
 Nursing elective (List C)

Elective Lists

School of Nursing (List C)

HUB008 Research Methods in Ethics & Bioethics
 NSB421 Independent Study
 NSB422 Special Topic
 OR

Any other approved 12 credit point unit for which students have the necessary prerequisites.

School of Human Movement Studies

HMB277 Exercise & Sport Nutrition
 HMB361 Functional Anatomy 2
 HMB362 Biomechanics 2
 HMB363 Independent Study
 HMB364 Seminars in Human Movement
 HMB371 Motor Control & Learning 2
 HMB374 Psychology of Rehabilitation
 HMB375 Adapted Physical Activity
 HMB376 Motor Development in Children
 HMB377 Children in Sport
 HMB379 Disorders of Human Movement
 HMB381 Cardiovascular & Pulmonary Physiology in Exercise
 HMB383 Workplace Health
 HMB384 Injury Prevention & Rehabilitation
 HMB480 Advanced Exercise Prescription

³ This unit contains off-campus clinical experience.

■ Bachelor of Nursing/Bachelor of Health Science (Public Health) (HL46)

Location: Kelvin Grove campus (some units are located at Gardens Point campus)

Course Duration: 4 years full-time

Total Credit Points: 432

Course Coordinators:

Nursing: Ms Robyn Nash

Public Health: Mr Peter Anderson

Course Requirements

Students are required to complete 432 credit points within the integrated course. This will consist of 288 credit points from the Bachelor of Nursing (Pre-registration) degree (NS40) and 204 credit points from the Bachelor of Health Science (Public Health) degree (HM42).

Full-time Course Structure

Year 1, Semester 1

PUB104 Introduction to Health Services Management
 PUB105 Introduction to Family Services
 PUB251 Contemporary Public Health
 PYB012 Psychology

Year 1, Semester 2

PUB117 Introduction to Consumer Studies
 PUB201 Public Health Nutrition 1
 PUB233 Communication, Information & Education for Health
 PUB203 Primary Health Care
 Elective (Public Health)

Year 2, Semester 1

LSB181 Bioscience 1
 NSB116 Nursing 1
 PUB314 Epidemiology & Statistics
 PUB341 Nutrition Education
 OR
 PUB349 Families & Households
 Elective (Public Health)

Year 2, Semester 2

LSB282 Bioscience 2
 NSB121 Nursing 2
 NSB122 Clinical Practice 1²
 PUB316 Research Methods
 PUB477 Consumer Rights & Advocacy

Year 3, Semester 1

LSB382 Bioscience 3
 NSB212 Clinical Practice 2
 NSB213 Nursing 3
 NSB223 Mental Health Nursing

Year 3, Semester 2

HUB009 Ethics, Law & Health Care
 NSB221 Nursing 4

NSB222 Clinical Practice 3²
 PUB875 Professional Practice
 Elective (Public Health)

Year 4, Semester 1

NSB311 Nursing 5
 NSB322 Clinical Practice 4²
 PUB511 Health Policy Planning & Evaluation
 PUB514 Project/Contract Management

Year 4, Semester 2

NSB321 Professional Practice Development
 NSB312 Nursing 6
 NSB323 Clinical Practice 5²
 NSB421 Independent Study OR
 NSB422 Special Topic

Elective List (subject to availability)

PUB104 Introduction to Health Services Management
 PUB105 Introduction to Family Studies
 PUB106 Introduction to Health Information Management
 PUB107 Introduction to Environmental Health
 PUB112 Introduction to Occupational Health & Safety
 PUB117 Introduction to Consumer Studies
 PUB127 Health Issues in Australia
 PUB201 Public Health Nutrition 1
 PUB203 Primary Health Care
 PUB220 Medical Terminology
 PUB225 Living Spaces for People
 PUB233 Communication, Information & Education for Health
 PUB251 Contemporary Public Health
 PUB329 Foundations of Health Studies & Health Behaviour
 PUB336 Women's Health
 PUB355 Hospitality Studies
 PUB380 Casemix Management
 PUB474 Food Studies
 PUB477 Consumer Rights & Advocacy
 PUB480 Health Administration Finance
 PUB611 Risk Management

² *Special Topic – select one of the following: Pain Assessment and Management Strategies; Clinical Teaching and Learning; Cardiothoracic Nursing; Nursing in a Technological World.*



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OVERVIEW

QUT's Faculty of Information Technology is an established leader in high quality education for this dynamic professional area. Founded as the School of Computing Studies in 1983, the faculty has continued to expand in concert with the demand for graduates who can face not just today's challenges, but who can tackle an unimagined future with confidence and innovation.

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 good IT students the option of completing 10-12 months paid experience in an IT position.

The faculty is located at QUT's Gardens Point campus and has currently over two and half thousand students enrolled in its courses. In 2001, the faculty will offer the E-commerce major in the Bachelor of Information Technology at both QUT's Carseldine and Gardens Point campuses.

RESEARCH CENTRES

INFORMATION SECURITY RESEARCH CENTRE

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

CENTRE FOR COOPERATIVE INFORMATION SYSTEMS

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: A. ter Hofstede, MSc PhD KUN
Phone: +61 7 3864 2639

MACHINE LEARNING RESEARCH CENTRE

Application areas of the centre are in environmental data processing and the analysis of genetic databases as well as information security and human computer interaction.

Director: Professor J. Diederich, Habil (CompSc) Hamburg, MA(Research) Muenster, PhD Bielefeld
Phone: +61 7 3864 1963

CENTRE FOR PROGRAMMING LANGUAGES AND SYSTEMS

The Programming Languages and Systems Centre conducts research in the broad area of programming languages and their implementation, program environments and operating systems, and software tools.

Director (Acting): P. Roe, MEng(Hons) York, PhD Glas., MACM
Phone: +61 7 3864 1276

CENTRE FOR INFORMATION SYSTEMS MANAGEMENT

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

DISTRIBUTED SYSTEMS TECHNOLOGY CENTRE (DSTC)

The Cooperative Research Centre for Enterprise Distributed Systems Technology (DSTC) is a joint venture supported by the Australian Government's Cooperative Research Centres Program and over 24 participating organisations developing the technical infrastructure for tomorrow's enterprise. DSTC conducts world class research, develops software, and provides training and professional consulting services. Key technology areas for DSTC include Workflow, CORBA®, Java™, XML, distributed object middleware, internet systems, knowledge management, metadata, collaborative computing, group ware, security and network infrastructure.

Phone: +61 7 3864 1282

SENIOR STAFF

□ *Faculty Office*

Dean: Professor K.J. Gough, MSc PhD *Well.*, FNZEI, MIEEE, MACM, MACS

Director of Reseach: Professor B. Pham, PhD *Tas.*, DipEd *Monash*, ACM, IEEE, ACSC, APRS

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 (Acting): C.M. Stephens, NA *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

Professor of Neurocomputing: Professor J. Diederich, Habil(CompSc) *Hamburg*, MA(Research) *Muenster*, PhD *Bielefeld*

□ *School of Data Communications*

Head: Professor W. Caelli, BSc(Hons) *N'cle(NSW)*, PhD *ANU*, FACS, FTICA, MIEEE

Professors:

E. Dawson, BSc DipEd *Wash.*, MA *Syd.*, MLittSt MSc *Qld*, PhD, FTICA, MIEEE, MCMSA, MIACR

D. Longley, BSc(Physics) *Manc.*, MSc(Tech) UMIST, PhD *Leic.*, CEng, FIEE, FAIM

□ *School of Information Systems*

Head: Associate Professor B.A. Underwood, BBus *QIT*, MS(MIS) *TexasTech*, MBA *Qld*, PhD, FACS, PCP

Professor: G. Gable, DipComSys *NAIT*, BCom *Alta*, MBA *W.Ontario*, PhD *Brad.*, ACS, AIR, IRMA

Information for all Information Technology students

Rules and regulations

Students undertaking courses in the Faculty of Information Technology should acquaint themselves with faculty policy on assessment, deferred examinations, and plagiarism. In many cases, faculty policy is more explicit than University policy. Commencing students should make sure they familiarise themselves with the Faculty Resource Guide (<http://www.fit.qut.edu.au/Resourcebook/index.html>).

Faculty policy regarding use of University computer facilities

Access to computer accounts, e-mail, and bulletin board facilities via QUT equipment is provided solely to assist students in education and research. Use of such facilities by students for matters unrelated to their course of study or approved research represents misuse. Any misuse may result in fines, suspension of use of computer accounts, and/or strict disciplinary action.

■ Master of Information Technology (Professional) (IT50)

- Graduate Certificate in Information Technology (Software Engineering) (IT91)
- Graduate Certificate in Information Technology (Information Security) (IT92)
- Graduate Certificate in Information Technology (Enterprise Wide Software) (IT93)
- Graduate Certificate in Information Technology (Project) (IT95)
- Graduate Certificate in Information Technology (Generic) (IT97)

Location: Gardens Point campus

Course Duration: 3 years external (flexible delivery)

Total Credit Points: 144

Standard Credit Points/Full-time Semester: 48
Course Coordinator: Mr Glenn Stewart

Entry Requirements

An applicant must:

- (i) hold an approved degree in Information Technology from a recognised tertiary institution; or
- (ii) have attained professional recognition by an equivalent course of study or examination; or
- (iii) evidence of such qualifications (for example Recognised Prior Learning) that satisfy the faculty that the applicant possesses the capacity to pursue the course of study; and
- (iv) have at least two years' appropriate full-time work experience.

Equipment Requirements

All students will be required to have access to a modern computing system, typical software application packages (for example, Microsoft Office), and to the Internet. Internet access will be required outside normal working hours.

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 part-time; or
- completion of two Graduate Certificates in Information Technology (48 credit points each) followed by a further 48 credit points to complete the masters.

SOFTWARE ENGINEERING MODULE (IT91) (4 units to be selected)

ITN480	Component Technology
ITN481	Object Technology
ITN482	Extensible Programming & Java
ITN483	Software Engineering & 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 (IT92)

ITN581	Cryptographic Fundamentals & Applications
ITN582	Information Security Management
ITN583	Network, Internetwork & Distributed Systems Security
ITN584	Access Control & Smart Cards
ITN590	Industry Based Project (Information Security)

ENTERPRISE WIDE SOFTWARE MODULE (IT93) (4 units to be selected)

ITN283 Issues in Information Technology Management

Strategic Focus

ITN282 Case Studies in Enterprise Wide System Implementation

ITN284 Project in Enterprise Wide Systems Implementation

ITN285 Knowledge Management & Enterprise Wide Systems

ITN286 Process Engineering

ITN290 Project (Knowledge Management)

ITN291 Project (Process Engineering)

Technical Focus

ITN281 ABAP/4 Programming

ITN287 R/3 Systems Administration

ITN288 Project (ABAP)

ITN289 Project (R/3 Systems Administration)

PROJECT MODULE (IT95)

Full-time

ITN180 Major Project (IS)

ITN183 Major Project (CS)

ITN185 Major Project (DC)

Part-time (over two semesters)

ITN181 Major Project (IS)

ITN184 Major Project (CS)

ITN186 Major Project (DC)

Students will not normally be eligible to enrol in the Project Module without having completed at least 48 credit points of coursework units (or equivalent).

GENERIC MODULE (IT97)

Four coursework units selected from the units listed above.

■ Master of Information Technology (Research) (IT60)

Location: Garden Point campus

Course Duration:

Full-time: 1 year minimum (2 semesters), 2 years maximum (4 semesters);

Part-time: 2 years minimum (4 semesters), 4 years maximum (8 semesters)

Total Credit Points Required: 144

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Associate Professor George Mohay

Full-time Course Structure

A program of research and investigation developed in conjunction with the principal supervisor and approved by the Faculty Research Committee. (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. (24 credit points per semester).

COURSE RULES: MASTER OF INFORMATION TECHNOLOGY (RESEARCH)

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 should set out the candidate's intended course of study. The description should include the area of study within which the candidate's course lies, the coursework to be undertaken and the aim of the proposed program of research and investigation. Within one month of registration, the candidate will submit to the Faculty Research Committee a more detailed outline of the research program including the proposed title of the thesis, the background of the area of research and investigation, and the significance of possible application of the research program and plan.

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.

■ Master of Information Technology (IT45)/Graduate Diploma in Information Technology (IT38)

Location: Gardens Point campus

Course Duration: 1.5 years full-time, 3 years part-time

Total Credit Points: 144

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Mr Robert Smyth

Course 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) a Bachelor's degree in a discipline other than Information Technology with a 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 Faculty that the applicant possesses the capacity to pursue the course of study.

Course Requirements

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 Networks
- ITN350 Information Contexts
- 2 elective units to be selected in consultation with the course coordinator

Note: all units are 12 credit points and three contact hours per week unless otherwise specified.

Course Structure

BLOCK 1: INTRODUCTORY UNITS

ITN105 Study of Information Technology (2 weeks)

Compulsory Units

ITN212 Information Modelling for Databases
 ITN410 Software Principles
 ITN510 Data Networks

Optional Block 1 Units

ITN211 Systems Analysis & Design
 ITN343 Principles of Information Management
 ITN412 Technology of Information Systems
 MAB177 Mathematics for Data Communications

BLOCK 2: INTERMEDIATE UNITS

Computing Science

ITN413 Computer Architecture
 ITN415 Object Technology
 ITN424 Software Engineering Principles
 ITN426 Operating Systems
 ITN433 Programming Languages
 ITN440 Advanced Graphics
 ITN441 Artificial Intelligence
 ITN445 Pattern Recognition
 ITN454 Software Quality Assurance
 ITN456 Graphics User Interfaces
 ITN461 Foundations of Neurocomputing

Data Communications

ITN511 Data Security
 ITN512 Introduction to Cryptology
 ITN520 Internetworking
 ITN521 Network Applications
 ITN549 Error Control & Data Compression

Information Systems

ITN214 3 GL Systems
 ITN215 Management Support Systems
 ITN220 Major Issues in Information Systems
 ITN221 Object-Oriented Analysis & Design

ITN223	4 GL Systems
ITN226	Information Theory
ITN232	Database Systems
ITN251	Issues in Information Technology Management
ITN257	Multimedia Systems
ITN322	Information Resources
ITN330	Information Issues & Values

BLOCK 3: ADVANCED LEVEL UNITS

Computing Science

ITB432	Advanced Programming Laboratory
ITB450	Advanced Computer Architecture
ITB464	Modern Compiler Construction
ITB466	Component Technology
ITB469	Unix Programming & Systems Administration
ITB470	Windows 2000 Systems Programming & Administration
ITN420	Comparative Programming Languages
ITN421	Software Specifications
ITN431	Distributed Systems
ITN443	Neurocomputing
ITN446	Minor Project 1
ITN447	Special Studies
ITN450	Compiler Laboratory
ITN451	Research Literature Studies
ITN457	Windows Programming
ITN458	Java & Extensible Programming

Data Communications

ITB535	Network Administration
ITB538	Network Technology
ITB542	Network Programming
ITN526	Minor Project 1
ITN531	Network Security
ITN535	Access Control
ITN536	Topics in Security
ITN540	Advanced Network Technologies
ITN556	Advanced Topics in Cryptology

Information Systems

ITN230	Current Advances in Database Technology
ITN231	Knowledge-Based Systems
ITN245	Special Topic (R/3 Systems Administration)
ITN246	Minor Project
ITN248	Minor Project
ITN250	Distributed Databases
ITN252	Process Engineering
ITN253	Case Studies in EWS Implementation
ITN254	Interactive Design
ITN255	Knowledge Management & EWS
ITN258	ABAP Programming
ITN259	Advanced Topics – Multimedia
ITN260	Electronic Commerce Site Development
ITN335	Digital Libraries
ITN341	Information Policy & Planning
ITN347	Information Management Project 1
ITN348	Information Management Project 2
ITN350	Information Contexts
ITN355	Information Resources for Business & Industry
ITN361	Information User Instruction

General Elective

LWS400	Law of Information Technology
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■ Master of Information Technology (IT40)/ Graduate Diploma in Information Technology (IT35) (Data Communications, Information Systems or Software Engineering)

Location: Gardens Point campus

Course Duration: 1.5 years full-time, 3 years part-time

Total Credit Points: 144

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Mr Robert 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 Bachelor's degree in Information Technology with a grade point average of at least 4.5 (7 point scale); or
- provide other evidence of such qualifications and level of performance, as will satisfy the Dean of Faculty that the applicant possesses the capacity to pursue the course of study.

Course Requirements and Structure

To graduate from the Master of Information Technology (IT40), students are required to complete 144 credit points consisting of a minimum of 84 credit points of Block B units.

Students have the option of exiting the Master of Information Technology with either a Graduate Diploma in Information Technology (IT35) after completion of 96 credit points or a Graduate Certificate in Information Technology (IT18) after completion of 48 credit points. To qualify for the Graduate Diploma, students are required to have successfully completed at least 48 credit points of Block B units. In the case of the Graduate Certificate, students are required to have completed at least 24 credit points of Block B units. Students will not be admitted directly to the Graduate Certificate in Information Technology. It will only be available as an exit point for students enrolled in either the Masters degree or the Graduate Diploma.

To qualify for one of the award descriptors (Data Communications, Information Systems or Software

Engineering) a student will be required to have completed a minimum of 84 credit points in Block A and B units in one of these study areas.

BLOCK A UNITS

Data Communications Units

Prerequisite requirements: Students undertaking units from this list are assumed to have completed introductory units in data communications technology and C++ and/or Java programming in their undergraduate degree. Students who do not have these prerequisite studies should consult the course coordinator before enrolling in any of these units.

ITN511	Data Security
ITN512	Introduction to Cryptology [#]
ITN520	Internetworking
ITN521	Network Applications
ITN549	Error Control & Data Compression [#]
MAB177	Mathematics for Data Communications

[#] Unit requires knowledge of finite mathematics, linear algebra and elementary probability theory (MAB177 or equivalent)

Information Systems Units

Prerequisite requirements: Students undertaking units from this list are assumed to have completed introductory units in programming, relational database theory and systems analysis and design techniques. Students who do not have these prerequisite studies should consult the course coordinator before enrolling in any of these units.

ITN215	Management Support Systems
ITN220	Major Issues in Information Systems
ITN221	Object-Oriented Analysis & Design
ITN226	Information Theory
ITN232	Database Systems
ITN257	Multimedia Systems
ITN322	Information Resources
ITN330	Information Issues & Values
ITN343	Principles of Information Management

Software Engineering Units

Prerequisite requirements: Students undertaking units from this list are assumed to have completed studies in programming (including data structures) and basic computer organisation in their undergraduate degree. Students who do not have these prerequisite studies should consult the course coordinator before enrolling in any of these units.

ITN413	Computer Architecture
ITN414	Software Development 3
ITN415	Object Technology
ITN424	Software Engineering Principles
ITN426	Operating Systems
ITN433	Programming Languages
ITN441	Artificial Intelligence
ITN456	Graphic User Interfaces
ITN461	Foundations of Neurocomputing

BLOCK B UNITS

Data Communications

ITB532	Network Management
ITB533	Comparative Network Systems
ITB535	Network Administration
ITB538	Network Technology
ITB542	Network Programming
ITB551	Network Planning
ITN100	Research Methodologies
ITN531	Network Security
ITN535	Access Control
ITN536	Topics in Security
ITN540	Advanced Network Technologies
ITN554	Special Topic
ITN556	Advanced Topics in Cryptology

Information Systems

ITN100	Research Methodologies
ITN230	Current Advances in Database Technology
ITN250	Distributed Databases
ITN251	Issues in Information Technology Management
ITN252	Process Engineering
ITN253	Case Studies in EWS Implementation
ITN254	Interactive Design
ITN258	ABAP Programming
ITN259	Advanced Topics – Multimedia
ITN260	Electronic Commerce Site Development
ITN335	Digital Libraries
ITN341	Information Policy & Planning
ITN355	Information Resources for Bus & Industry
ITN361	Information User Instruction

Software Engineering

ITB432	Advanced Programming Laboratory
ITB450	Advanced Computer Architecture
ITB464	Modern Compiler Construction
ITB466	Component Technology
ITB469	Unix Programming & System Administration
ITB470	Windows 2000 Systems Programming & Administration
ITN100	Research Methodologies
ITN421	Software Specification
ITN431	Distributed Systems
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 & Extensible Programming

PROJECT UNITS

Students in the Masters can complete a maximum of 48 credit points in project units. Students in the Graduate Diploma can complete a maximum of 24 credit points in project units. Each school offers 12, 24 and 48 credit point projects.

12 credit point units

ITN246	Minor Project (IS)
ITN248	Minor Project (IS)
ITN347	Minor Project 1 (IM)

ITN348	Minor Project 2 (IM)
ITN446	Minor Project 1 (CS)
ITN449	Minor Project 2 (CS)
ITN526	Minor Project 1 (DC)
ITN528	Minor Project 2 (DC)

24 credit point units

ITN162	Project (IS)
ITN164	Project (CS)
ITN165	Project (DC)
ITN172	Project (IS) PT
ITN174	Project (CS) – PT
ITN175	Project (DC) – PT

48 credit point units

ITN142	Major Project (IS) FT
ITN144	Major Project (CS) FT
ITN145	Major Project (DC) FT
ITN152	Major Project (IS) PT
ITN154	Major Project (CS) PT
ITN155	Major Project (DC) PT

■ Graduate Diploma in Library and Information Studies (IT25)

Location: Gardens Point campus

Course Duration: 1 year full-time, 2 years part-time

Total Credit Points: 96

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr Christine Bruce

Entry Requirements

To be eligible for admission to the Graduate Diploma in Library and Information Studies, applicants are required to have a degree (or equivalent) from a recognised tertiary institution in a discipline other than library and information studies and to have successfully completed a degree level introductory computing unit (the equivalent of at least three hours per week for one semester).

Professional Recognition

Graduates are eligible to become ‘Associates’ (that is, professional members) of the Australian Library and Information Association.

Full-time Course Structure

Year 1, Semester 1

ITN105	Study of Information Technology (2 weeks)
ITN211	Systems Analysis & Design
ITN343	Principles of Information Management
ITP327	Information Organisation 1
ITP328	Information Sources 1

Year 1, Semester 2

ITP329	Information Resources Provision
ITP330	Professional Practice
ITP331	Management of Information Programs

One unit selected from the following:

ITB330	Information Issues & Values
ITN212	Information Modelling for Databases
ITN335	Digital Libraries

ITN341	Information Policy & Planning
ITN361	Information User Instruction

Part-time Course Structure

Year 1, Semester 1

ITN105	Study of Information Technology (2 weeks)
ITP327	Information Organisation 1
ITP328	Information Sources 1

Year 1, Semester 2

ITP329	Information Resources Provision
ITP331	Management of Information Programs

Year 2, Semester 1

ITN211	Systems Analysis & Design
ITN343	Principles of Information Management

Year 2, Semester 2

ITP330	Professional Practice
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One unit selected from the following:

ITB330	Information Issues & Values
ITN212	Information Modelling for Databases
ITN335	Digital Libraries
ITN341	Information Policy & Planning
ITN361	Information User Instruction

MID-YEAR INTAKE

Part-time Course Structure

Year 1, Semester 2

ITN105	Study of Information Technology (2 weeks)
ITP329	Information Resources Provision
ITP331	Management of Information Programs

Year 2, Semester 1

ITP327	Information Organisation 1
ITP328	Information Sources 1

Year 2, Semester 2

ITP330	Professional Practice
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One unit selected from the following:

ITB330	Information Issues & Values
ITN212	Information Modelling for Databases
ITN335	Digital Libraries
ITN341	Information Policy & Planning
ITN361	Information User Instruction

Year 3, Semester 1

ITN211	Systems Analysis & Design
ITN343	Principles of Information Management

■ Bachelor of Information Technology (Honours) (IT30)

Location: Gardens Point campus

Course Duration: 1 year full-time, 2 years part-time

Total Credit Points: 96

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr Joaquin Sitte

Full-time Course Structure

Year 1, Semester 1

ITN100	Research Methodologies
ITN110	Dissertation 1
	Elective
	Elective

Year 1, Semester 2

Elective
Elective

Select one of the following:

ITN122 Dissertation 2 (IS)
ITN124 Dissertation 2 (CS)
ITN125 Dissertation 2 (DC)

Part-time Course Structure

Year 1, Semester 1

ITN100 Research Methodologies
ITN110 Dissertation 1

Year 1, Semester 2

Elective
Elective

Year 2, Semester 1

Elective

Select one of the following:

ITN132/1 Dissertation 1 (IS)*
ITN134/1 Dissertation 2 (CS)*
ITN135/1 Dissertation 2 (DC)*

Year 2, Semester 2

Elective
ITN132/2 Dissertation 2 (IS)*
ITN134/2 Dissertation 2 (CS)*
ITN135/2 Dissertation 2 (DC)*

Elective Units

With the approval of the course coordinator, elective units may be chosen from advanced level units normally in the area of the student's undergraduate major. Full-time students should note that many electives may be offered in the evenings only.

* Unit extends over two semesters.

■ Bachelor of Information Technology (IT21)

Location: Gardens Point campus. The first year and the E-commerce major are also offered at the Carseldine campus.

Course Duration: 3 years full-time, 6 years part-time

Total Credit Points: 288

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Mr Mike Roggenkamp

Professional Recognition

This degree meets the requirements for membership of the Australian Computer Society (ACS).

Graduates who complete the Library Studies stream in the Information Management major are eligible to become Associates (professional members) of the Australian Library and Information Association (ALIA).

Course Structure

The course is divided into three blocks which are described below:

Year 1	Block 1: Common First Year (96 credit points)	
Year 2 and Year 3	Block 2: Major (144 credit points)	Block 3: Electives (48 credit points)

□ **Block 1: Common First Year**

All students undertake a common first year: the first year full-time or first two years part-time of the course. This block is worth 96 credit points.

□ **Block 2: Major**

At the end of the common first year, students choose a major in either, Data Communications, Electronic Commerce, Information Management, Information Systems or Software Engineering. The major is worth 144 credit points and extends over the second and third years of the course for full-time students, and the third to sixth years for part-time students.

□ **Block 3: Electives**

Students choose the composition of the third block of the course, which also extends over the later years of the course and is worth 48 credit points. The elective units consist of a cohesive set of units of approved study. **STUDENTS ARE ENCOURAGED TO SELECT UNITS FROM OUTSIDE THE FACULTY.**

Cooperative Education Program

An optional one-year period of paid work experience is available to eligible full-time students at the end of the second year of full-time study. Students participating in this program enrol in ITB906 – Industrial Training Experience, a 12 credit point unit. The unit replaces the designated group project unit in the student's chosen major. Part-time students may be able to seek credit for professional experience (ITB907).

Combined Majors Option

The option to undertake an integrated major in Data Communications and Software Engineering is available. Students by the appropriate choice of Block 3 elective units, are able to complete the core of each of the two individual majors in Data Communications and Software Engineering. Students may choose their project to be in either Software Engineering or Data Communications, and have in addition two further electives which may be chosen from any degree level unit at the university.

□ Block 1: Common First Year

First Year Coordinator: Dr John Hynd

Full-time Course Structure

Year 1, Semester 1

ITB105	Study of Information Technology (2 weeks)
ITB106	Foundations of Computing
ITB225	Introduction to Databases
ITB410	Software Development 1
ITB412	Technology of Information Systems

Year 1, Semester 2

ITB411	Software Development 2
ITB107	Programming Laboratory
ITB310	Information Management
ITB510	Communications Networks

Part-time Course Structure

Year 1, Semester 1

ITB105	Study of Information Technology
ITB310	Information Management
ITB510	Communication Networks

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

□ Block 2: Majors

Majors are available in the following areas:

- A: Data Communications (DAT)
- B: Electronic Commerce (ELC)
- C: Information Management (IFM)
- D: Information Systems (ISS)
- E: SoftwareEngineering (SOF)

The option of an integrated double major is available in the following areas:

F: Data Communications and Software Engineering (CDC)

A: Data Communications Primary Major (DAT)

Major Coordinator: Mr Neville Richter

Full-time Course Structure

Year 2, Semester 1

COB010	Communications for the Information Specialists
ITB421	Software Development 3 (UNIX & C)
ITB537	Internet Applications
MAB177	Mathematics for Data Communications

Year 2, Semester 2

ITB535	Network Administration
ITB538	Network Technology
	Specialisation unit selected from List 1
	Block 3 unit

Year 3, Semester 1

ITB532	Network Management
	Specialisation unit selected from List 1
	Block 3 unit
	Block 3 unit

Year 3, Semester 2

ITB543	Data Security
	Specialisation unit selected from List 1
	Specialisation unit selected from List 1
	Block 3 unit

Part-time Course Structure

Year 3, Semester 1

ITB537	Internet Applications
MAB177	Mathematics for Data Communications

Year 3, Semester 2

COB010	Communications for the IT Specialist
ITB421	Software Development 3 (UNIX & C)

Year 4, Semester 1

ITB535	Network Administration
ITB538	Network Technology

Year 4, Semester 2

ITB532	Network Management
	Block 3 unit

Year 5, Semester 1

ITB543	Data Security
	Block 3 unit

Year 5, Semester 2

Specialisation unit selected from List 1
Block 3 unit

Year 6, Semester 1

Specialisation unit selected from List 1
Block 3 unit

Year 6, Semester 2

Specialisation unit selected from List 1
Specialisation unit selected from List 1

LIST 1: SPECIALISATION UNITS

In addition to the mandatory units listed above, students undertaking the Data Communications major are required to successfully complete the following:

- any two units included in List 1A, and
- any other two units listed in either List 1A or 1B.

List 1A

ITB531	Application Services
ITB533	Comparative Network Systems
ITB539	DC Project#
ITB542	Network Programming
ITB548	Introduction to Cryptology
ITB549	Error Control & Data Compression
ITB551	Network Planning

List 1B

ITB222	Systems Analysis & Design
ITB257	Multimedia Systems
ITB258	ABAP Programming
ITB260	Electronic Commerce Site Development
ITB426	Operating Systems
ITB448	Object Technology
ITB458	Java & Extensible Programming
ITB469	Unix Programming & System Administration

Data Communications major students who complete the Cooperative Education Program will substitute ITB906 Industrial Training Experience for this unit.

B: Electronic Commerce Major (ELC)

Major Coordinator: Mr Hamish Bentley

Full-time Course Structure

Year 2, Semester 1

COB010	Communications for the Information Specialists
ITB257	Multimedia Systems
ITB421	Software Development 3
ITB537	Internet Applications

Year 2, Semester 2

ITB222	Systems Analysis & Design
ITB260	Electronic Commerce Site Development
ITB426	Operating Systems Block 3 unit – Business studies

Year 3, Semester 1

AYB333	Applications in ECommerce
ITB220	Database Design One unit selected from List 2 Block 3 unit – Business studies

Year 3, Semester 2

AYB332	The Law of ECommerce
ITB543	Data Security Block 3 unit – Business studies Block 3 unit – Business studies

Part-time Course Structure

Year 3, Semester 1

ITB222	Systems Analysis & Design
ITB537	Internet Applications

Year 3, Semester 2

COB010	Communications for IT Specialist
ITB421	Software Development 3 (UNIX & C)

Year 4, Semester 1

ITB426	Operating Systems
ITB543	Data Security

Year 4, Semester 2

ITB220	Database Design
ITB257	Multimedia Systems

Year 5, Semester 1

Block 3 unit – Business studies
One unit selected from List 2

Year 5, Semester 2

ITB260	Electronic Commerce Site Development Block 3 unit – Business studies
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Year 6, Semester 1

AYB333	Applications in E-Commerce Block 3 unit – Business studies
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Year 6, Semester 2

AYB332	The Law of E-Commerce Block 3 unit – Business studies
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LIST 2

One unit to be selected from the following:

ITB230	Project
ITB236	Object Oriented Systems
ITB330	Information Issues & Values
ITB535	Network Administration

Block 3 Units

It is strongly recommended that students undertaking the Electronic Commerce major use their Block 3 units to undertake studies in the Faculty of Business.

C: Information Management Major (IFM)

Major Coordinator: Mr Greg Timbrell

Full-time Course Structure

Year 2, Semester 1

COB010	Communications for the IT Specialist
ITB257	Multimedia Systems
ITB322	Information Resources
ITB220	Database Design OR
ITB324	Personal Productivity Software

Year 2, Semester 2

BSB115	Management, People & Organisations
ITB222	Systems Analysis & Design
ITB331	Information Analysis & Planning Block 3 unit

Year 3, Semester 1

ITB330	Information Issues & Values Specialisation unit selected from List 3 Specialisation unit selected from List 3 Block 3 unit
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Year 3, Semester 2

Specialisation unit selected from List 3
Specialisation unit selected from List 3
Block 3 unit
Block 3 unit

Part-time Course Structure

Year 3, Semester 1

BSB115	Management, People & Organisations
ITB222	Systems Analysis & Design

Year 3, Semester 2

COB010	Communications for the IT Specialist
ITB220	Database Design OR
ITB324	Personal Productivity Software

Year 4, Semester 1

ITB331 Information Analysis & Planning
Block 3 unit

Year 4, Semester 2

ITB257 Multimedia Systems
ITB322 Information Resources

Year 5, Semester 1

Specialisation unit selected from List 3
Block 3 unit

Year 5, Semester 2

ITB330 Information Issues & Values
Specialisation unit selected from List 3

Year 6, Semester 1

Specialisation unit selected from List 3
Block 3 unit

Year 6, Semester 2

Specialisation unit selected from List 3
Block 3 unit

LIST 3: SPECIALISATION UNITS

Four units to be selected from one of the following specialisations:

Business

BSB114 Government, Business & Society
OR
BSB116 Marketing & International Business
ITB341 Strategic Information Management
ITB340 Project (Information Management)¹
PYB057 Applied Cognitive Psychology

Library

ITB335 Digital Libraries
ITB337 Information Organisation 1
ITB338 Information Resource Provision
ITB339 Professional Practice

Science of Information

ITB226 Information Theory
ITB335 Digital Libraries
ITB340 Project
MAB101 Statistical Data Analysis 1

Information Systems

ITB241 Information Technology Management
ITB242 Management Support Systems
ITB340 Project (Information Management)¹
Information Systems elective

ITB221 3GL Systems
ITB257 Multimedia Systems

Year 2, Semester 2

ITB222 Systems Analysis & Design
ITB226 Information Theory
ITB232 Database Systems
ITB242 Management Support Systems

Year 3, Semester 1

ITB223 4GL Systems
ITB241 Information Technology Management
Block 3 unit
Block 3 unit

Year 3, Semester 2

ITB236 Object Oriented Systems
ITB240 Group Project²
Block 3 unit
Block 3 unit

Part-time Course Structure

Year 3, Semester 1

ITB222 Systems Analysis & Design
ITB226 Information Theory

Year 3, Semester 2

COB010 Communications for the IT Specialist
ITB220 Database Design

Year 4, Semester 1

ITB232 Database Systems
ITB242 Management Support Systems

Year 4, Semester 2

ITB221 3GL Systems
ITB257 Multimedia Systems

Year 5, Semester 1

ITB236 Object-Oriented Systems
Block 3 unit

Year 5, Semester 2

ITB223 4GL Systems
ITB241 Information Technology Management

Year 6, Semester 1

ITB240 Group Project
Block 3 unit

Year 6, Semester 2

Block 3 unit
Block 3 unit

D: Information Systems Major (ISS)

Major Coordinator: Dr Jim Reye

Full-time Course Structure

Year 2, Semester 1

COB010 Communications for the IT Specialist
ITB220 Database Design

¹ Software Engineering major students who complete the Cooperative Education Program will substitute ITB906 Industrial Training Experience for this unit.

² Information Systems major students who complete the Cooperative Education program will substitute ITB906 Industrial Training Experience for this unit.

E: Software Engineering (SOF)

Major Coordinator: Dr Paul Roe

Full-time Course Structure

Year 2, Semester 1

COB010 Communications for the IT Specialist
ITB420 Computer Architecture
ITB421 Software Development 3 (UNIX & C)
ITB537 Internet Applications

Year 2, Semester 2

ITB424	Software Engineering Principles
ITB426	Operating Systems
ITB448	Object Technology Block 3 unit

Year 3, Semester 1

ITB432	Advanced Programming Laboratory ¹
ITB433	Programming Languages Specialisation unit selected from List 4 Block 3 unit

Year 3, Semester 2

	Specialisation unit selected from List 4 IT Elective unit ³ Block 3 unit Block 3 unit
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Part-time Course Structure

Year 3, Semester 1

ITB448	Object Technology
ITB537	Internet Applications

Year 3, Semester 2

ITB420	Computer Architecture
ITB421	Software Development 3

Year 4, Semester 1

ITB424	Software Engineering Principles
ITB426	Operating Systems

Year 4, Semester 2

COB010	Communications for the IT Specialist
ITB432	Advanced Programming Laboratory

Year 5, Semester 1

	Specialisation unit selected from List 4 Block 3 unit
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Year 5, Semester 2

ITB433	Programming Languages Specialisation unit selected from List 4
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Year 6, Semester 1

	IT elective unit ³ Block 3 unit
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Year 6, Semester 2

	Block 3 unit Block 3 unit
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LIST 4: SPECIALISATION UNITS

Two units to be selected from one of the following:

Computing Systems

ITB464	Modern Compiler Construction
ITB469	Unix Programming & System Administration
ITB470	Windows 2000 Systems Programming & Administration

Neurocomputing/Artificial Intelligence

ITB442	Foundations of Artificial Intelligence
ITB461	Foundations of Neurocomputing

Software Engineering

ITB454	Software Quality Assurance
ITB466	Component Technology

F: Double Major – Data Communications & Software Engineering (CDC)

Full-time Course Structure

Year 2, Semester 1

ITB420	Computer Architecture
ITB421	Software Development 3 (UNIX & C)
ITB537	Internet Applications
MAB177	Mathematics for Data Communications

Year 2, Semester 2

ITB424	Software Engineering Principles
ITB448	Object Technology
ITB535	Network Administration
ITB538	Network Technology

Year 3, Semester 1

COB010	Communications for the IT Specialists
ITB432	Advanced Programming Laboratory [#] OR Data Communications Unit selected from List 5
ITB433	Programming Languages Data Communications Unit selected from List 5

Year 3, Semester 2

ITB426	Operating Systems Data Communications unit selected from List 5 Block 3 unit Block 3 unit
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Part-time Course Structure

Year 3, Semester 1

ITB537	Internet Applications
MAB177	Mathematics for Data Communications

Year 3, Semester 2

ITB421	Software Development 3 (UNIX & C)
COB010	Communications for the IT Specialists

Year 4, Semester 1

ITB426	Operating Systems
ITB535	Network Administration

Year 4, Semester 2

ITB420	Computer Architecture Block 3 unit
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Year 5, Semester 1

ITB448	Object Technology
ITB538	Network Technology

Year 5, Semester 2

ITB433	Programming Languages Data Communications unit selected from List 5
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¹ Software Engineering major students who complete the Cooperative Education Program will substitute ITB906 Industrial Training Experience for this unit.

³ To be selected from units available in the Bachelor of Information Technology, subject to the approval of the major coordinator.

Year 6, Semester 1

ITB424 Software Engineering Principles
Data Communications unit selected from List 5

Year 6, Semester 2

ITB432 Advanced Programming Laboratory# OR
Data Communications unit selected from List 5
Block 3 unit

LIST 5: SPECIALISATION UNITS

Select two units from the following:

ITB531 Application Services
ITB532 Network Management
ITB533 Comparative Network Systems
ITB539 DC Project#
ITB541 Transmission Techniques
ITB542 Network Programming
ITB543 Data Security
ITB548 Introduction to Cryptology
ITB549 Error Control & Data Compression
ITB550 Network Analysis
ITB551 Network Planning

Integrated major students who complete the Cooperative Education Program will substitute ITB906 for either a Data Communications Specialisation Unit or ITB432 Advanced Programming Laboratory.

Block 3: Electives

In addition to the units listed above under the headings of the various majors and specialisations, the Faculty of Information Technology offers the following additional elective units. In selecting Block 3 elective units, and subject to prerequisite constraints and the approval of the relevant major coordinator, students may choose (any combination of):

- units from the following list
- units from other BIT majors and specialisations i.e., other than their chosen specialisation(s) or major(s)
- units from any degree level course offered at QUT.

Note: Students are encouraged to select units from outside the faculty.

Students should note that they need to check the timetable in order to identify which semester, or semesters, elective units are to be offered. Offering of electives is subject to sufficient enrolment.

Software Engineering Electives

Computer Systems

ITB441 Graphics
ITB450 Parallel Computing
ITB456 Graphic User Interfaces
ITB457 Windows Programming

ITB469 Unix Programming & Systems Administration
ITB470 Windows 2000 Systems Programming & Administration

Neurocomputing/AI

ITB463 Foundations of Pattern Recognition

Software Engineering

ITB455 Integrated Software Engineering Environments
ITB458 Java & Extensible Programming
ITB466 Component Technology
ITB468 Software Engineering Project

Others

ITB444 Special Study 1
ITB445 Special Study 2
ITB447 Project

Information Systems Electives

ITB230 Project
ITB243 Knowledge Based Systems
ITB245 Special Topic (R/3 Systems Administration)
ITB252 Distributed Databases
ITB254 Interactivity Design
ITB258 ABAP Programming
ITB259 Advanced Multimedia Technologies

General Elective

LWS400 Law of Information Technology

Cooperative Education Program (Elective Unit ITB906 – Industrial Training Experience)

Aims

The purpose of the Cooperative Education Program is to provide students within the Bachelor of Information Technology experience of a real-world environment prior to the study of the more advanced aspects of the course. This experience:

- (i) enables the student to place the concepts learned in the first two years in context, and
- (ii) provides an experience that will enhance the benefits obtained from early study.

The Cooperative Education period necessarily involves reorientation and on-the-job training but students are expected to apply study skills to the acquisition of the necessary knowledge and, in general, employers are not expected to provide formal training.

Selection Criteria

The Cooperative Education Program is available to full-time students enrolled in the fourth semester of the Bachelor of Information Technology degree (IT21), that is, who will have credit points in the range of 144-192 by the end of the year prior to the commencement of the program. Students are eligible

to participate in the program if they have passed all units at the first attempt, or have a grade point average (GPA) of at least 4.5. Students entering the course with exemptions for prior studies must have been exempted from no more than 96 credit points.

Features

The Cooperative Education Program is offered under the guise of the 12 credit point unit ITB906 Industrial Training Experience and is substituted for the designated group project unit in the student's chosen major. Industrial Training Experience has the following features:

- The faculty assists students to obtain suitable employment for the ten month (minimum) period and also discusses the nature of the work to be undertaken with the employer. As employers choose their placements from interviews, the faculty also arranges for students to attend sessions on resume writing and interview techniques conducted by the Careers and Employment Service.
- An academic member of staff normally visits the student once per semester and discusses progress with the student and a representative of the employer.
- During the training period the student writes two reports on the experience, submits them to the employer for endorsement and comment, and then hands them to the Manager, Student Services and Cooperative Education for assessment. The reports should highlight different aspects of the period, and include comments and recommendations.
- Students will be assessed as either satisfactory or unsatisfactory in this unit. A satisfactory grade will be granted on the basis of:
 - (i) satisfactory completion of an approved period of cooperative education; and
 - (ii) submission of satisfactory reports on the year's experience. The reports must be submitted not later than the due dates specified in the study guides.
- A salary is paid to the student by the employer during this training period.
- The faculty carefully monitors all cooperative education placements and keeps a list of employers prepared to offer training. The faculty makes its best endeavour to find suitable training places for all students who meet the selection criteria and elect to undertake this option.
- It is intended that full-time students placed on the program will devote their prime efforts to the Industrial Training Experience and will not,

therefore, be permitted to register for more than one other unit per semester during that year.

Notes

- (i) Where there has been significant evidence of plagiarism or computer misuse by a student at any time during the course, no placement will be available to that student.
- (ii) Part-time students may be eligible for credit for professional experience, subject to certain conditions. Students should consult the relevant major coordinator or Manager, Student Services and Cooperative Education in the faculty for further information.

□ Bachelor of Information Technology (IT21) – Mid Year Intake

The following course structure is for students who commence the Bachelor of Information Technology in second semester.

Full-time Course Structure

Year 1, Semester 2

ITB105	Study of Information Technology (2 weeks)
ITB225	Introduction to Databases
ITB310	Information Management
ITB410	Software Development 1
ITB510	Communications Networks

Year 2, Semester 1

ITB106	Foundations of Computing
ITB107	Programming Laboratory
ITB411	Software Development 2
ITB412	Technology of Information Systems

Part-time Course Structure

Year 1, Semester 2

ITB105	Study of Information Technology (2 weeks)
ITB225	Introduction to Databases
ITB410	Software Development 1

Year 2, Semester 1

ITB107	Programming Laboratory
ITB310	Information Management

Year 2, Semester 2

ITB106	Foundations of Computing
ITB412	Technology of Information Systems

Year 3, Semester 1

ITB411	Software Development 2
ITB510	Communications Networks



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OVERVIEW

The QUT Faculty of Law is Australia's largest tertiary educator in Law and Justice Studies. The faculty is an acknowledged leader in its field and provides a sound balance of practical and theoretical training which enables graduates to progress into the real world with ease. The faculty consists of the School of Law, the School of Justice Studies and the Legal Practice unit.

The faculty's teaching and learning programs develop legal research and analysis skills within contextual and conceptual frameworks. Additionally a global approach to education is adopted which includes international visiting scholars, exchange programs for staff and students and offshore programs.

The improvement of the quality of teaching and learning has been a major priority for the faculty in recent years. Significant projects have been developed and implemented to facilitate the use of flexible delivery methods and on-line teaching technologies. Through the utilisation of Internet technologies, students are able to access a range of study and resource materials as well as benefit from forums which provide greater opportunity for communication with academic staff and other students. The faculty has embarked upon a review of appropriate skills for Law graduates. A framework for embedding generic and discipline-specific graduate attributes within Law and Justice Studies programs is currently being developed and 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. As well as degrees in Law and Justice Studies, seven double degrees are also available in conjunction with the Faculties of Arts, Business and Information Technology.

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. Bachelor of Laws graduates who wish to qualify as solicitors can complete Legal Practice studies in six months full-time or one year part-time and then gain admission as a solicitor. 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.

RESEARCH CENTRE

CENTRE FOR COMMERCIAL AND PROPERTY LAW

Director: Professor B. Collier, BA LLB *Qld*, LLM *Melb*.

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, equity, legal education, criminology, professional legal education and training, intelligence and security, maritime law, 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).

SENIOR STAFF

□ Faculty Office

Dean: Professor M. Cope, BA(Hons) LLM *Qld.*,
Barrister

External Studies Facilitator: Ms F. McGlone, BA
DipEd LLB *Syd.*, LLM, Barrister (NSW)

Administration Manager: Mr W.A. Smith,
BA(Hons) *Syd.*, GradDipCourt & Parliamentary
Reporting *Canb.*

Assistant Dean, Research: Dr D.A. Butler,
LLB(Hons) *QIT*, PhD, Solicitor (Qld & High
Court of Australia)

Assistant Dean, Postgraduate Studies: Professor
W.D. Duncan, LLB *Qld.*, LLM *Lond.*, Solicitor

Assistant Dean, Teaching and Learning: Ms S.A.
Christensen, LLB (Hons) LLM, Solicitor (Qld).

□ Law School

Head of School: Associate Professor P.V.
Tahmindjis, BA LLB *Syd.*, LLM *Lond.*, JSD *Dal.*,
Barrister (NSW)

□ Legal Practice

Director: Mr A.J. Chay, LLB LLM *Qld.*, Solicitor

□ Justice Studies

Head of School: Mr M. Barnes, BA LLB LLM
Qld.

■ Doctor of Juridical Science (LW50)

Location: Gardens Point campus

Course Duration: Minimum of 2.5 years full-time, 5 years part-time

Total Credit Points: 288

Standard Credit Points/Full-time Semester: 48 (Average)

Course Coordinator: Professor W.D. Duncan

Entry Requirements

On the recommendation of the Dean of the Faculty of Law, the Research Degrees Committee may admit to candidature for the degree an applicant who:

- (i) holds or has completed the requirements for the degree of Bachelor of Laws at QUT or its equivalent from another institution which, in the opinion of the Dean of Faculty, maintains standards comparable with those required for the award of the degree of Bachelor of Laws at QUT; or
- (ii) is admitted to practice as a barrister or solicitor in Queensland or another state or territory of Australia or, who in the opinion of the Dean of Faculty, is similarly qualified; or
- (iii) holds or has completed the requirements for a degree of Master of Legal Practice at QUT,

and, for all three (3) situations above,

- (iv) has completed the requirements for the conferral of the Master of Laws of the Queensland University of Technology or its equivalent from another institution which, in the opinion of the Dean, maintains standards comparable with those required for the award of the degree of Master of Laws of the Queensland University of Technology; and
- (v) has a minimum of two years' professional experience in a position of responsibility appropriate to the proposed course of study; and
- (vi) is recommended by the Dean of Faculty as being suitably qualified in the particular field of study in which the applicant proposes to be a candidate.

Course Structure

Students undertake 96 credit points of coursework units taken from those listed in the entry for LW51 Master of Laws by Coursework and complete a dissertation component.

□ Stage 1

96 credit points of coursework units taken from Schedule 1 in the entry for LW51 Master of Laws

by Coursework. The unit LWN048 Advanced Legal Research must be undertaken by candidates in their coursework component. (Schedule 1 lists units available in 2001.)

□ Stage 2

Dissertation component (approximately 70 000 words).

Full-time Course Structure

Year 1, Semesters 1 and 2

Units taken from Schedule 1 for any given year equal to 48 credit points per semester. (Whole year units are counted as 12 credit points per semester.)

Year 2, Semester 1

LWR003/1 & LWR003/2 Thesis

Year 2, Semester 2

LWR003/3 & LWR003/4 Thesis

Year 3, Semester 1

LWR003/5 & LWR003/6 Thesis

Year 3, Semester 2

LWR003/7 and LWR003/8 Thesis

Part-time Course Structure

Year 1, Semester 1 and 2

Units taken from Schedule 1 for any given year equal to 24 credit points per semester. (Whole year units are counted as 12 credit points per semester.)

Year 2, Semester 1 and 2

Units taken from Schedule 1 for any given year equal to 24 credit points per semester. (Whole year units are counted as 12 credit points per semester.)

Year 3, Semesters 1 and 2

LWR003/1 & LWR003/2 Thesis

Year 4, Semesters 1 and 2

LWR003/3 & LWR003/4 Thesis

Year 5, Semesters 1 and 2

LWR003/5 & LWR003/6 Thesis

Year 6, Semesters 1 and 2

LWR003/7 and LWR003/8 Thesis

Students have the option of enrolling in the dissertation component of the degree during summer program (subject to the availability of supervisory staff), which would reduce the number of years taken to complete the course.

1. Studies During the Candidature

1.1 A candidate is required to complete successfully a course of study which results in a notable contribution to professional knowledge and practice. This contribution may be in the form of new knowledge and practice, or of significant and original adaptation, application and interpretation of existing knowledge and practice.

1.2 The degree comprises both a coursework (approximately 33%) and a dissertation component (approximately 66%). Candidates either will have pursued or will pursue an approved course of advanced study and research, comprising 96 credit points of coursework whether by approved projects or in courses offered by QUT (including courses selected from within the subject offerings for the LL.M degree by coursework at a grade point average of at least 5.0). The candidate will also pursue a dissertation in accordance with Rules 3 and 6. One of the units studied for the coursework requirements must be Advanced Legal Research, together with any other unit or units necessary to satisfy the coherence requirement in rule 1.3.

1.3 Candidates must successfully complete all coursework requirements at the appropriate standard prior to commencing the dissertation. As far as possible, the topic of the dissertation must extend the coursework component. Subject to Rule 3, the Teaching, Learning and Curriculum Committee will approve the course of study for the degree prior to commencement and will recommend for each candidate an Academic Supervisor who will normally be the Principal Supervisor for the candidate's dissertation.

1.4 The Research Degrees Committee on the recommendation of the Dean of the Faculty of Law may approve a variation in a candidate's course of study and research.

2. Credit for Previous Studies/Transfer of Registration

The Research Degrees Committee on the recommendation of the Dean of the Faculty of Law may grant a candidate credit in the following circumstances:

2.1 Where a candidate has undertaken part of a proposed course of study as a registered student in another institution, and has undertaken coursework as part of a Master's degree, that candidate, through application in writing to Research Degrees Committee at the time of applying for registration, may have credit granted towards the candidate's course of study at QUT provided that the work for which a candidate seeks credit has been completed at a grade point average of at least 5.0 on a seven-point grading scale. The applicant must include details of the work already undertaken, the reasons for the transfer and the expected date of completion.

2.2 Subject to these rules (in particular rule 1.3), a candidate who has completed a Masters degree in Law may be granted credit of up to 96 credit points for units passed for that degree at a grade point average of at least 5.0 on a seven point scale.

2.3 The registration period for a doctoral degree in a professional field shall include such prior registration as may be approved by the Research Degrees Committee.

3. Dissertation Requirements

3.1 When a candidate successfully completes the coursework component of the degree, the Academic Supervisor shall so certify to the Research Degrees Committee. The dissertation may not be commenced until the Committee receives such certification.

3.2 The dissertation must be presented in accordance with the requirements of the relevant rules of QUT.

3.3 Subject to the above and subject to the requirements of Rule 1, the candidate shall submit a detailed proposal for a topic for the dissertation to the Teaching, Learning and Curriculum Committee at the time the candidate seeks approval for the candidate's course of studies.

3.4 The topic for the dissertation must involve both an appropriate theoretical perspective and a specific orientation to professional practice and application.

3.5 Normally, two supervisors shall be appointed for each dissertation prepared by a candidate. One supervisor shall be the Principal Supervisor, with responsibility for supervising the preparation of the dissertation on a frequent basis. The Principal Supervisor shall be a member of the QUT Faculty of Law. Recommendations of suitable persons to be Principal Supervisor and Associate Supervisor for a dissertation shall be made by the Teaching, Learning and Curriculum Committee to the Dean and approved by the Research Degrees Committee.

3.6 A candidate enrolled for the degree shall, at least once per semester during the period of candidature, consult with the Principal Supervisor and, where appropriate, any Associate Supervisor.

3.7 A candidate shall participate in such University scholarly activity, such as research seminars, as are deemed appropriate by the Principal Supervisor.

4. Progress Reports

4.1 A candidate shall prepare at the end of each semester during which the dissertation is being written a statement in the appropriate form of the work done towards the degree and submit it to the Principal Supervisor.

4.2 The Principal Supervisor shall within a fortnight of receiving the candidate's statement of work prepare a report to be given to the candidate for comment. The candidate shall sign the report in acknowledgment of this and return it to the supervisor forthwith, together with any written comments the candidate may wish to make.

4.3 Both reports together with any accompanying comments by the candidate shall then be forwarded through the Teaching, Learning and Curriculum Committee and the Dean to the Research Degrees Committee.

4.4 Where, in the opinion of the Research Degrees Committee, a candidate has not made satisfactory progress towards completing the requirements for the degree, the Research Degrees Committee on the advice of the Dean 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. Confirmation of Candidature

5.1 At the end of the second semester only after commencement of the dissertation component of the course the candidate will have to seek confirmation of candidature in accordance with this Rule.

5.2 To seek confirmation of candidature the Supervisor shall submit a written report of the candidate's progress together with a report from the candidate to the first Teaching, Learning and Curriculum Committee meeting held immediately after the end of the second semester of enrolment in the dissertation component of the degree.

5.3 The report of the Supervisor shall provide a written appraisal of:

- the candidate's progress
- the candidate's suitability for continuation in the SJD program
- the full course of study
- likely budget requirements and funds available
- certification: signature of the Principal Supervisor and date.

The report of the candidate shall provide:

- a detailed account of:
 - progress to date, including details of completed coursework and grades obtained
 - problems encountered
- an indication of whether the thesis will be completed on time
- certification: signature of the candidate and date.

5.4 If confirmation of candidature is not approved then the Teaching, Learning and Curriculum Committee shall decide whether or not to extend the period for confirmation, and, if so, by what time, or recommend cancellation of enrolment, as the case may be.

6. Time Limits

6.1 Subject to Rules 6.2 and 6.3, a candidate may proceed either on a full-time or part-time basis.

6.2 Subject to 6.3 and 6.5, except in special circumstances and with the approval of the Research Degrees Committee, all candidates shall complete a minimum of 36 months' registration if a full-time student, or 72 months if a part-time student, or such other period as may be approved by the Research Degrees Committee.

6.3 Where the candidate is a holder of a Masters Degree in Law, the period of registration shall be not less than 30 months in the case of a full-time student and not less than 60 months in the case of a part-time student.

6.4 Except in special circumstances and with the approval of the Research Degrees Committee:

- (i) A full-time candidate shall complete all the requirements for the degree not later than 54 months after first registration.
- (ii) A part-time candidate shall complete all the requirements for the degree not later than 72 months after first registration.

6.5 Where a candidate has approval from the Teaching, Learning and Curriculum Committee to enrol in a dissertation component during a summer semester, the minimum time limit for registration may be reduced.

7. Examination of the Dissertation

7.1 The candidate shall present a dissertation of approximately 70 000 words which shall constitute a substantial and original contribution to knowledge and understanding in the area of the law that is the subject of the research, in satisfaction of Rule 1.1. The dissertation must include a statement of objectives of the investigation and must acknowledge the sources from which the information is derived, the extent to which the work of others has been used, and that the work is original and otherwise complies with the University's requirements for presenting dissertations. Any substantial financial assistance received must also be acknowledged.

7.2 A candidate may not present as the dissertation any work which has been presented for another degree at QUT or any other institution.

7.3 Subject to agreement between supervisors and not later than three months before the proposed date for submission of the dissertation, the Principal Supervisor will recommend through the Teaching, Learning and Curriculum Committee to the Research Degrees Committee the composition of a proposed

Examination Committee, together with the title of the candidate's dissertation.

7.4 In order to determine whether a dissertation is acceptable for examination, a candidate may be examined orally by a Law Faculty panel of three persons appointed by the Dean. The Principal Supervisor shall be one of those three persons and shall chair the panel. All available members of the Examination Committee should attend the oral examination. The examination will be based on the work described in the dissertation and the field of study in which the investigation lies. The candidate will provide sufficient copies of the dissertation, bound in temporary cover, for the panel and the examiners.

7.5 The Faculty Panel will advise the Teaching, Learning and Curriculum Committee and the Research Degrees Committee whether the dissertation is acceptable for examination. If it does, the dissertation, in the format required by QUT, must be presented to the Research Degrees Committee together with certification that the dissertation has been accepted by the Law Faculty. Receipt of the dissertation by the Research Degrees Committee constitutes submission of the candidate's dissertation for examination. The candidate's Principal Supervisor shall forward proposed arrangements for examination of the dissertation through the Teaching, Learning and Curriculum Committee to the Research Degrees Committee for approval.

7.6 A dissertation shall normally be examined by an Examination Committee comprising one examiner from the QUT Faculty of Law, who shall chair the Committee, and two external examiners. The external examiners must be independent of QUT. The Research Degrees Committee will provide the examiners with a copy of the dissertation and of all relevant requirements and information. Normally, examiners must read and report upon the dissertation within two months of its receipt.

7.7 When the examiners are in agreement with respect to the dissertation, the Chairperson shall transmit the result of the examination on the prescribed form to the Chairperson of the Research Degrees Committee. The examiners' report shall recommend (i) that the dissertation be accepted, with or without minor modifications, or (ii) that the candidate be re-examined, or (iii) that the dissertation not be accepted and the candidature be terminated. When the recommendation is that the dissertation be accepted, the chairperson must return an Examiners' Report together with a certificate signed by each examiner recommending acceptance of the

dissertation towards fulfilment of the conditions for the award of the Doctor of Juridical Science degree.

8. Award of Degree

8.1 In order to qualify for the award of the Doctor of Juridical Science degree, a candidate must submit to the Research Degrees Committee:

- (i) a declaration signed by the candidate that he or she has not been a candidate for another tertiary award during the period of candidature without the permission of the Research Degrees Committee, and
- (ii) a certificate recommending acceptance of the dissertation towards fulfilment of the conditions for the Doctor of Juridical Science degree signed by each member of the faculty panel that recommended examination of the dissertation, and the Examination Committee which accepted it, together with three copies of the dissertation in the format required by the Queensland University of Technology, and
- (iii) a certificate of satisfactory completion of the candidate's approved course of study signed by the candidate's Academic Supervisor, and
- (iv) an application for conferral of the degree.

8.2 When the degree has been awarded, a copy of the dissertation incorporating any required amendments and revisions shall be lodged in the University and the Law Libraries.

■ Master of Arts (Justice Studies) by Coursework (JS51)

Location: Kelvin Grove campus

Course Duration: 1 year full-time, 2 years part-time

Total Credit Points: 96

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr Gayre Christie

Entry Requirements

To be eligible to apply for admission an applicant should:

- (i) hold a Bachelor of Arts (Justice Studies) degree (or a qualification deemed equivalent) and have an approved honours degree, or hold a graduate diploma in an appropriate field of study with a GPA of 5.00 or better, or have approved professional experience deemed equivalent; or
- (ii) hold an approved four-year undergraduate degree in an appropriate field.

Full-time Course Structure

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 (elective can be taken in Semester 1 or 2)

Electives

Semester 1

JSN014	Law, Justice & New Genetic Technologies
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Semester 2

JSN012	The Law, Morality & the Media
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Part-time Course Structure

Year 1, Semester 1

JSN001	Theories of Justice 1
JSN002	Theoretical Criminology

Year 1, Semester 2

JSN004	Issues in Criminal Justice
JSN005	Theories of Justice 2

Year 2, Semester 1

JSN003	Applied Criminology
JSN006	Independent Study 1

Year 2, Semester 2

JSN007	Independent Study 2
	Elective (elective can be taken in Semester 1 or 2)

■ Master of Arts (Justice Studies) (Intelligence) (JS51)

Location: Kelvin Grove campus

Course Duration: 1 year external mode

Total Credit Points: 96

Standard Credit Points per Semester: 24

Course Coordinator: Dr Gayre Christie

Entry Requirements

With the approval of the course coordinator, this course is only offered to qualified candidates who have successfully completed the intelligence courses at the Defence Intelligence Training Centre, including the Advanced Course in Intelligence. Successful applicants will undertake the Research Project under approved supervision.

Approved candidates will receive 48 credit points towards the Master of Arts (Justice Studies) (Intelligence) program. The course coordinator will grant these exemptions to students who have successfully completed the intelligence courses at the Defence Intelligence Training Centre.

Course Structure

The course structure comprises the following:

- (i) 48 credit points towards above degree to students who have successfully completed advanced intelligence course at Defence Intelligence Training Centre.
- (ii) 48 credit points towards a research project which is chosen in consultation with Graeme Clark from the Defence Intelligence Training Centre, Canungra, and the course coordinator.

Course Notes

Successful students should apply for credit by completing an Application for Academic Credit Form and submitting it to QUT for approval.

Part-time Course Structure

Year 1, Semester 1

JSN020	Research Project 1
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Year 1, Semester 2

JSN021	Research Project 2
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■ Master of Arts (Justice Studies) by Research and Thesis (JS52)

Location: Kelvin Grove campus

Course Duration: 1 year full-time, 2 years part-time

Total Credit Points: 96

Course Coordinator: Dr Gayre Christie

Entry Requirements

To be eligible to apply for admission, an applicant should:

- (i) hold a Bachelor of Arts (Justice Studies) (Honours) degree or a Graduate Diploma in Legal and Justice Studies degree and possess appropriate research skills; or
- (ii) hold an approved honours degree or appropriate postgraduate diploma and possess appropriate research skills; or
- (iii) have substantial professional experience deemed to be appropriate by the course coordinator in the field in which the proposed research is to be undertaken and possess appropriate research skills; or
- (v) have professional publications etc that the course coordinator and the Faculty Teaching, Learning and Curriculum Committee accept as proof of advanced knowledge and research ability in the proposed field of research.

Thesis Requirements

The thesis submitted for the degree should be not less than 50 000 words and should constitute a substantial contribution to knowledge and understanding in the areas of criminology, law enforcement, intelligence and security, corrections and the community and legal and justice policy.

Course Structure

Semester 1

Full-time students

- IFN100 Full-time Masters research
OR, in instances where a candidate has exceeded the normal course duration and an extension of time has been approved,
- IFN101 Full-time Masters research (extension)

Part-time students

- IFN200 Part-time Masters research
or, in instances where a candidate has exceeded the normal course duration and an extension of time has been approved,
- IFN201 Part-time Masters research (extension)

■ Master of Laws by Coursework (LW51)

Location: Gardens Point campus

Course Duration: 1 year full-time, 3 years part-time

Total Credit Points: 96

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Professor W.D. Duncan

Entry Requirements

Applicants for admission shall have satisfied one of the following conditions:

- (i) completed the requirements for the degree of Bachelor of Laws of QUT
- (ii) completed the requirements for the award of a degree in law of another tertiary institution which, in the opinion of the Dean of Faculty, maintains standards comparable with those required for the award of the degree of Bachelor of Laws of QUT
- (iii) hold a professional qualification in law and at least three years of professional legal experience subsequent to first admission to practice and also satisfy the Dean of Faculty that they have the requisite ability to complete the LLM by Coursework degree.

In exceptional circumstances any of the following persons shall be eligible to apply for admission as a student for the LLM by Coursework degree in a specialist stream:

- (i) a person who is eligible to be admitted, to a Graduate Certificate in Law in a specialist stream; and
- (ii) has significant professional experience in the field of the Graduate Certificate in Law already completed; and
- (iii) has achieved a grade point average of 5.5 in the units already completed for the Graduate Certificate in Law; and
- (iv) whose course is approved by the Assistant Dean (Postgraduate Studies).

Articulation

This course articulates with the Doctor of Juridical Science (SJD).

Course Structure

The course structure comprises 96 credit points of coursework units for a Pass degree together with a dissertation (a further 48 credit points) for an Honours degree.

The units from which 96 credit points shall be chosen are subject to availability.

Full-time Course Structure

Year 1, Semesters 1 and 2

Units taken from Schedule 1 for any given year equal to 48 credit points per semester. (Whole year units are counted as 12 credit points per semester.)

Part-time Course Structure

Year 1, Semesters 1 and 2

Units taken from Schedule 1 for any given year equal to a minimum of 12 credit points per semester. (Whole year units are counted as 12 credit points per semester.)

Year 2, Semesters 1 and 2

Units taken from Schedule 1 for any given year equal to a minimum of 12 credit points per semester. (Whole year units are counted as 12 credit points per semester.)

Year 3, Semesters 1 and 2

Units taken from Schedule 1 for any given year equal to a minimum of 24 credit points per semester. (Whole year units are counted as 12 credit points per semester.) Where students undertake more than the minimum course load in Years 1 and 2, they may undertake a minimum of 12 credit points per semester in Year 3.

Generic Degree

Subject to availability, students may undertake any coursework units to the value of 96 credit points from those listed in Schedule 1.

Course Majors

Students undertaking the Master of Laws (by Coursework) may elect to major in Environmental Resources Law, Commercial Law, Technology Law or Public Law. Students electing to undertake one of these majors should select 96 credit points of coursework units from those listed for that major. Students shall have their course of study recognised by the addition of the appropriate words in parenthesis after the reference to the Master of Laws degree in their academic record and in their degree certificate.

Schedule 1: Accredited Coursework Units

Each of the following units are worth 12 credit points except for LWN026, LWN034, LWN058 and LWN072 which are each worth 24 credit points.

It is intended that those units marked with a '+' will be offered in 2001 subject to demand and availability of staff.

LWN017	Restitution
LWN018	Contemporary Equitable Doctrines, Principles & Remedies
LWN022	Banking Transactions Law+
LWN025	Research Project 1A+
LWN026	Research Project 2A+
LWN029	Theoretical Criminology+
LWN030	Dispute Resolution/Mediation+
LWN032	Credit for UQ Subject 1+
LWN033	Credit for UQ Subject 2+
LWN034	Credit for UQ Subject 3+
LWN035	Medico-legal Issues+
LWN036	Select Issues of Intellectual Property Law+
LWN039	Applied Criminology+
LWN040	Theories of Justice 1+
LWN042	Theories of Justice 2+
LWN043	Law of Company Takeovers+
LWN045	The Law Relating to Public & Official Corruption
LWN046	Advanced Planning Law+
LWN047	Legal Education+
LWN048	Advanced Legal Research+
LWN049	International Environmental Law+
LWN050	Restrictive Trade Practices Law+
LWN051	Consumer Protection & Product Liability+
LWN053	Research Project 1B+
LWN056	Research Project 1C+
LWN057	Research Project 1D+
LWN058	Research Project 2B+
LWN060	Environmental Legal System+
LWN061	Natural Resources Law+
LWN062	Federal Environmental Law
LWN063	Comparative Environmental Law+
LWN064	Theories of Contemporary Legal Critique+
LWN065	Construction & Engineering Law+
LWN070	Credit for UQ Subject 4+
LWN071	Credit for UQ Subject 5+
LWN072	Credit for UQ Subject 6+
LWN075	International Commercial Transactions
LWN076	International Commercial Disputes+
LWN077	Litigation – Evidence

LWN078	Advanced Criminal Evidence & Procedure
LWN081	Restitution
LWN082	Intellectual Property: Litigation
LWN083	Estate Planning+
LWN084	International Marine Pollution Law
LWN085	International Law of the Sea+
LWN087	Contemporary Issues in Torts+
LWN088	Government Law, Policy & Practice+
LWN093	Security for Commercial Lending
LWN094	Energy Law
LWN095	Native Title Law, Policy & Practice
LWN096	Capital Markets Law
LWN097	Corporate Insolvency+
LWN099	Intellectual Property Law+
LWN111	Public Law & Government Commercial Activity+
LWN112	Administrative Framework for Corporations
LWN113	Law of Guarantees+
LWN114	Commercial Issues in Private International Law
LWN115	Human Rights in Australian Law+
LWN116	Liquor Licensing Law & Practice
LWN117	Legal Regulation of the Internet+
LWN119	Employment Law+
LWN120	Select Issues in Media Law & Policy+
LWN122	Commercial Leases+
LWN123	Corporate Governance: Director's Duties, Members' Rights & Compliance
LWN124	Contemporary Family Issues+
LWN125	Electronic Commerce Law+
LWN126	The Law of Costs+
LWN127	Advanced Insurance Law 1+
LWN128	Advanced Insurance Law 2
LWN129	Contemporary Issues in Sentencing Law+
LWN131	Queensland State Lands: Law, Policy & Practice+
LWN132	Public Sector Employment Law & Policy
LWN134	Representative Actions+
LWN135	Law, Justice & New Genetic Technologies+
LWN137	Issues in Criminal Justice+

Major in Environmental Resources Law – LLM (Environmental Resources Law)

Students undertake 96 credit points selected from the following units (each unit is worth 12 credit points):

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 & Engineering Law+
LWN084	International Marine Pollution Law
LWN085	International Law of the Sea+
LWN094	Energy Law
LWN095	Native Title Law, Policy & Practice
LWN131	Queensland State Lands: Law & Practice+

Up to 48 credit points may be taken in the form of research projects.

Major in Commercial Law – LLM (Commercial Law)

Students undertake 96 credit points selected from the following units (each unit is worth 12 credit points):

- LWN022 Banking Transactions Law+
- LWN030 Dispute Resolution/Mediation+
- LWN043 Law of Company Takeovers+
- LWN048 Advanced Legal Research+
- LWN050 Restrictive Trade Practices Law+
- LWN051 Consumer Protection & Product Liability+
- LWN075 International Commercial Transactions
- LWN076 International Commercial Disputes+
- LWN093 Security for Commercial Lending
- LWN096 Capital Markets Law
- LWN097 Corporate Insolvency+
- LWN112 Administrative Framework for Corporations
- LWN113 Law of Guarantees+
- LWN117 Legal Regulation of the Internet+
- LWN122 Commercial Leases+
- LWN125 Electronic Commerce+
- LWN127 Advanced Insurance Law 1+
- LWN128 Advanced Insurance Law 2
- LWN131 Queensland State Lands: Law & Practice+

Up to 48 credit points may be taken in the form of research projects.

Major in Public Law – LLM (Public Law)

Students undertake 96 credit points selected from the following units (each unit is worth 12 credit points):

- LWN025 Research Project 1A+
- LWN030 Dispute Resolution/Mediation+
- LWN048 Advanced Legal Research+
- LWN088 Government Law, Policy, & Practice
- LWN095 Native Title Law, Policy & Practice
- LWN111 Public Law & Government Commercial Activity +
- LWN115 Human Rights in Australian Law +
- LWN129 Contemporary Issues in Sentencing Law+
- LWN131 Queensland State Lands: Law & Practice+

Up to 48 credit points may be taken in the form of research projects.

Major in Technology Law – LLM (Technology Law)

Students undertake 96 credit points selected from the following units (each unit is worth 12 credit points):

- LWN030 Dispute Resolution/Mediation+
- LWN036 Select Issues of Intellectual Property Law+
- LWN048 Advanced Legal Research+
- LWN082 Intellectual Property: Litigation
- LWN099 Intellectual Property Law+
- LWN117 Legal Regulation of the Internet+
- LWN120 Select Issues in Media Law & Policy+
- LWN125 Electronic Commerce Law+
- LWN135 Law, Justice & New Genetic Technologies+

Up to 48 credit points may be taken in the form of research projects.

Units Offered by Other Faculties or Schools

With the approval of the Assistant Dean (Postgraduate Studies) a candidate may undertake units from other QUT faculties or schools which are deemed to be coherently related to the Master's program. Normally no more than 24 credit points may be attempted in this way, however, in exceptional circumstances the Assistant Dean (Postgraduate Studies) may approve a candidate attempting 36 credit points in this way provided such units are part of a coherent course of study.

Units which may be undertaken in accordance with this rule include, but are not limited to:

- AYN405 Advanced Tax Planning
- AYN406 Capital Gains Tax
- AYN445 Goods and Services Tax (from Master of Commerce, Faculty of Business)

A detailed brochure outlining all courses offered by the Consortium of Australian Tax Schools is available from the Faculty of Law.

- JSN012 The Law, Morality & the Media (from Master of Arts (Justice Studies), Faculty of Law)

Students should contact the appropriate Faculty or School for further details on these unit offerings and to confirm semester and mode of offering.

In addition, the Assistant Dean (Postgraduate Studies) may grant credit of not more than 48 credit points for units completed in an equivalent course at another tertiary institution.

LWN100 Honours Dissertation

A coursework student who has obtained 96 credit points and who has a grade point average of 6.0 or better for all units attempted shall be eligible to enrol for an honours dissertation. A coursework student who has obtained 96 credit points and who has a grade point average of better than 5.5 and less than 6.0 for all units attempted shall, with the prior approval of the Assistant Dean (Postgraduate Studies), be eligible to enrol for an honours dissertation.

Students who intend to undertake the honours dissertation should indicate their intention to the Administration Officer (Postgraduate Programs) before the end of their last semester of study.

The honours dissertation shall be not less than 20 000 words and not more than 30 000 words in length, and shall be prepared in accordance with the paper Presentation of Legal Theses by E.M. Campbell, copies of which are held in the Law Library. It shall include a title page, table of contents and bibliography.

Applications to undertake an honours dissertation must be made on the prescribed form available from the Administration Officer (Postgraduate Programs), detailing topic, proposed supervisor, etc. The obligation for finding a supervisor lies with the student. A list of research interests of faculty staff is released in October of each year. Applications close in the second week of the semester in which the student is enrolled for the honours dissertation. Students are advised of the success or otherwise of their application no later than Week 4 of the semester in which the student is enrolled. If the topic and supervisor are approved, the student shall pursue their research for the dissertation under the direction of the supervisor.

The student shall submit four clear typed copies of their dissertation to the Administration Officer (Postgraduate Programs) of the Faculty of Law by no later than the last day of the examination period of the second consecutive semester. On submission of the dissertation, the student shall furnish a signed statement that the dissertation is their 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. The dissertation shall be referred to two examiners. Each examiner shall report as to whether, in his or her opinion, the dissertation is of sufficient merit and is one that is likely to be accepted for publication by a learned journal. Each examiner shall also recommend that the dissertation:

- (i) be accepted, or
- (ii) not be accepted, or
- (iii) be accepted subject to amendments to be made to the satisfaction of the supervisor.

Following acceptance of the dissertation, two copies shall be bound in an approved form at the student's expense and one copy submitted to the Law Librarian for deposit in the QUT Faculty of Law Library and the other copy submitted for inclusion in the Queensland University of Technology Library. Any corrections resulting from the examiners' assessment shall be made prior to binding, and by retyping if they would otherwise be obtrusive.

■ Master of Laws by Research and Thesis (LW52)

Location: Gardens Point campus

Course Duration: 1 year full-time, 2 years part-time

Total Credit Points: 96

Course Coordinator: Professor W.D. Duncan

1. Rules for the Master of Laws Degree by Research and Thesis

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. Master of Laws Degree by Research and Thesis

2.1 The Master of Laws (LLM) degree by Research and Thesis may be awarded as:

2.1.1 Master of Laws, or

2.1.2 Master of Laws with First Class Honours¹, or

2.1.3 Master of Laws with Second Class Honours.¹

3. Entry Requirements

The following persons shall be eligible to apply for admission as a student for the degree:

3.1 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 Dean of the Faculty of Law, maintains standards comparable with those required for the award of the degree of Bachelor of Laws of QUT, or

3.1.1 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 Dean, maintains standards comparable with those required for the award of the degree of Bachelor of Laws of QUT, or

3.1.2 A person admitted or entitled to be admitted to practice in the State of Queensland.

3.2 Candidates falling within sub-clauses 3.1.1 and 3.1.2 must also satisfy the following to be eligible for admission:

3.2.1 Three years' professional experience in the field in which the proposed research work is to be undertaken, or

3.2.2 Satisfactory completion of an appropriate Masters qualifying program stipulated by the Assistant Dean (Postgraduate Studies) on the recommendation of the Teaching, Learning and Curriculum Committee. Pending satisfactory completion of a qualifying program, provisional status may be granted to the candidate, or

¹ For continuing students only. Students who commence the degree after September 1996 will not be eligible to have the degree awarded with honours.

3.2.3 The submission of professional publications or other appropriate evidence which satisfies the Assistant Dean (Postgraduate Studies) on the recommendation of the Teaching, Learning and Curriculum 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

3.2.4 The Dean of the Faculty of Law is satisfied of the ability of the candidate to complete the required research and thesis towards the degree.

4. Admission and Enrolment

4.1 A person applying for admission shall do so through the Registrar to the Dean.

4.2 Admission of a person as a candidate for the degree shall be at the discretion of the Dean on the recommendation of the Teaching, Learning and Curriculum Committee.

4.3 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.

4.4 A person admitted as a candidate may enrol as either an internal full-time student or an internal part-time student.

5. Progress Reports

5.1 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.

5.2 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.

5.3 Both reports together with any accompanying comments by the candidate shall then be forwarded through the Teaching, Learning and Curriculum Committee and the Dean to the University's Research Degrees Committee within four weeks following the end of that semester.

5.4 Where, in the opinion of the Research Degrees Committee, a candidate has not made satisfactory progress towards completing the requirements for the degree, the Research Degrees Committee on the advice of the Dean shall call upon the candidate to show cause why the enrolment of the candidate should not be terminated for lack of satisfactory progress.

5.5 Upon failure of the candidate to show cause the candidate's enrolment will be terminated.

6. Thesis Requirements

6.1 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.

6.2 The candidate shall submit a detailed proposal for a topic for the thesis to the Dean not later than the end of February or August, as the case may be, in the year in which the candidate is enrolled.

6.3 The Teaching, Learning and Curriculum Committee may, upon the recommendation of the Dean, vary the title of the thesis topic.

6.4 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 Teaching Learning and Curriculum Committee on the advice of the Dean.

6.5 A candidate shall submit four copies of the thesis in the form prescribed by the University for the submission of theses to the Dean 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.

6.6 The Teaching, Learning and Curriculum 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
- (iv) if accepted, whether the degree be awarded with First Class Honours, Second Class Honours or as a Pass degree.¹

6.7 The Teaching, Learning and Curriculum Committee shall forward the examiners' reports to the Law Academic Board together with its recommendation.

6.8 The Law Academic Board shall thereafter refer the examiners' reports to the Research Degrees Committee with its recommendations.

6.9 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.

7. Credit for Research Work Done Elsewhere

7.1 The Dean, on the advice of the Assistant Dean (Postgraduate Studies), 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 Dean:

- (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.

8. Time for Completion Requirements

8.1 Except in special circumstances and with the approval of the Assistant Dean (Postgraduate Studies):

- (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.

8.2 The Dean may, upon the application of the candidate and on the advice of the Assistant Dean (Postgraduate Studies) extend any time limited by the rules by such further period as may be consistent with general University rules.

9. Award of Degree

9.1 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 Research Degrees Committee recommends for the award.

■ Graduate Certificate in Legal and Justice Studies (JS25)

Location: Kelvin Grove and Gardens Point campuses

Course Duration:

Kelvin Grove: 1 year part-time and 1 year external
Gardens Point (Law for Non-Lawyers only):
1 semester full-time, 1 year part-time

Total Credit Points: 48

Standard Credit Points/Part-time Semester: 24

Course Coordinator:

Justice Studies: Dr Gayre Christie
Law: Associate Professor Phillip Tahmindjis

Entry Requirements

Applicants for admission must satisfy one of the following conditions:

- (i) hold an appropriate undergraduate degree from a recognised tertiary institution: or
- (ii) have extensive professional experience as deemed appropriate by the course coordinator

Applicants who do not meet the requirements for normal entry as described above should provide documentary evidence of experience together with the standard application form.

Applicants may be interviewed prior to an offer being made.

Course Structure – Kelvin Grove

The Graduate Certificate in Legal and Justice Studies consists of four units of 12 credit points each. A different combination of units is specified for each certificate. This course articulates with the Graduate Diploma in Legal and Justice Studies and the Master of Arts (Justice Studies) by Coursework.

Part-time and External Course Structure

□ *Strategic Intelligence Studies*

Year 1, Semester 1

- | | |
|--------|---|
| JSP061 | Process, Theory & Application |
| JSP067 | Intelligence, Organisations, Personnel and Operations |

¹ For continuing students only. Students who commence the degree after September 1996 will not be eligible to have the degree awarded with honours.

Year 1, Semester 2

JSP063 Intelligence Research – Issues, Procedures & Practice

JSP065 Intelligence & National Security

□ Intelligence and Security

Year 1, Semester 1

JSP062 Protective Security – Theory & Application

JSP066 Management of Protective Security

Year 1, Semester 2

JSP064 Protective Security Issues & Practice

JSP065 Intelligence and National Security

Intensive Mode Course Structure

□ Executive policing*

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

* Not offered Semester 1, 2001.

Course Structure – Gardens Point

□ Law for Non-Lawyers

Any combination of units from LW33 totalling 48 credit points considered by the Head of School to be a coherent body of study. Applicants may be required to undertake introductory units from the LW33 program. Units for this major can only be taken in internal (on-campus) mode.

■ Graduate Certificate in Law (LW60)

Location: Gardens Point campus

Course Duration: 2 semesters part-time

Total Credit Points: 48

Standard Credit Points/Part-time Semester: 24

Course Coordinator: Professor W.D. Duncan

Entry Requirements

Any of the following persons shall be eligible to apply for admission as a student for the Graduate Certificate in Law:

- (i) A person who has completed the requirements for the degree of Bachelor of Laws of the Queensland University of Technology;
- (ii) A person who has completed the requirements for the award of a degree in law of another tertiary institution which, in the opinion of the Assistant Dean (Postgraduate Studies), maintains standards comparable with those required for the award of the degree of Bachelor of Laws of the Queensland University of Technology;

(iii) A person who has a professional qualification in law and at least three years of professional legal experience subsequent to that person's first admission to practice and who satisfies the Assistant Dean (Postgraduate Studies) that that person has the requisite ability to complete the Graduate Certificate in Law.

(iv) A person who has a bachelors degree in another discipline and professional experience which in the opinion of the Assistant Dean (Postgraduate Studies) equips the person for postgraduate study in law in the field of the Graduate Certificate in Law in which the person wishes to enrol.

Where a person applies for admission pursuant to rule (iii) the Assistant Dean (Postgraduate Studies) may take into account, inter alia, any of the following matters: the applicant's contributions to the study and teaching of law, legal publications, contribution to the legal profession and legal professional experience.

Articulation

This course articulates with the Master of Laws (by Coursework), for those students who meet normal entry requirements.

In exceptional circumstances, the Master of Laws by Coursework, in Commercial Law, Environmental Resources Law, Technology Law and Public Law may be undertaken by Graduate Certificate in Law students who do not have an LLB degree or a professional qualification in law and who have completed four units of the Certificate at a minimum GPA level of 5.5 and who otherwise meet entry requirements in these circumstances.

Course Structure

The Graduate Certificate in Law requires successful completion of 48 credit points of coursework units taken from those listed in the entry for LW51 Master of Laws by Coursework. Students undertake units equal to 24 credit points per semester (whole year units are counted as 12 credit points per semester). The units from which 48 credit points shall be chosen are subject to availability.

Generic Course

Subject to availability, students may undertake any coursework units to the value of 48 credit points from those listed in Schedule 1 in the entry for LW51 Master of Laws by Coursework.

Course Majors

Students undertaking the Graduate Certificate in Law may elect to major in: International Law, Environment, Commercial Transactions, Planning and

Resources, Litigation, Property, Public Law, Criminal Justice, General Practice, Media and Communications Law or Corporate Law. Students electing to undertake one of these majors should select 48 credit points of coursework units from those listed for that major. Students shall have their course of study recognised by the addition of the appropriate words in parenthesis after the reference to the Graduate Certificate in Law program on their academic record and in their degree certificate.

It is intended that those units marked with a '+' will be offered in 2001 (subject to demand and availability of staff).

INTERNATIONAL LAW

Students undertake 48 credit points selected from the following units (each unit is worth 12 credit points):

- 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
- LWN085 International Law of the Sea+
- LWN114 Select Issues in Private International Law
- LWN115 Human Rights in Australian Law+

These units may be taken in any order.

ENVIRONMENTAL RESOURCES

Students undertake 48 credit points selected from the following units (each unit is worth 12 credit points):

- 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, it is recommended that LWN061 Natural Resources Law be taken first.

COMMERCIAL TRANSACTIONS

Students undertake 48 credit points selected from the following units (each unit is worth 12 credit points):

- 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+
- LWN051 Consumer Protection & Product Liability+
- LWN075 International Commercial Transactions

- LWN076 International Commercial Disputes+
- LWN096 Capital Markets Law
- LWN097 Corporate Insolvency+
- LWN112 Administrative Framework for Corporations
- LWN113 Law of Guarantees+
- LWN116 Liquor Licensing Law & Practice
- LWN122 Commercial Leases+
- LWN127 Advanced Insurance Law 1+
- LWN128 Advanced Insurance Law 2
- LWN131 Queensland State Lands: Laws & Practice+

These units may be taken in any order.

PLANNING AND RESOURCES

Students undertake 48 credit points selected from the following units (each unit is worth 12 credit points):

- LWN025 Research Project 1A+
- LWN030 Dispute Resolution/Mediation+
- LWN046 Advanced Planning Law+
- LWN048 Advanced Legal Research+
- LWN060 Environmental Legal System+
- LWN061 Natural Resources Law+
- LWN065 Construction & Engineering Law+
- LWN131 Queensland State Lands: Law & Practice+

These units may be taken in any order. However, it is recommended that LWN061 Natural Resources Law be taken first.

LITIGATION

Students undertake 48 credit points selected from the following units (each unit is worth 12 credit points):

- LWN025 Research Project 1A+
- LWN030 Dispute Resolution/Mediation+
- LWN048 Advanced Legal Research+
- LWN077 Litigation – Evidence
- LWN078 Advanced Criminal Evidence & Procedure
- LWN082 Intellectual Property: Litigation
- LWN134 Representative Actions+

These units may be taken in any order.

PROPERTY

Students undertake 48 credit points selected from the following units (each unit is worth 12 credit points):

- LWN018 Contemporary Equitable Doctrines, Principles & Remedies
- LWN025 Research Project 1A+
- LWN030 Dispute Resolution/Mediation+
- LWN036 Select Issues of Intellectual Property Law+
- LWN043 Law of Company Takeovers+
- LWN048 Advanced Legal Research+
- LWN061 Natural Resources Law+
- LWN083 Estate Planning+
- LWN095 Native Title Law, Policy, & Practice
- LWN099 Intellectual Property Law+
- LWN122 Commercial Leases+
- LWN131 Queensland State Lands: Law & Practice+

These units may be taken in any order.

PUBLIC LAW

Students undertake 48 credit points selected from the following units (each unit is worth 12 credit points):

LWN025	Research Project 1A+
LWN030	Dispute Resolution/Mediation+
LWN048	Advanced Legal Research+
LWN088	Government Law, Policy & Practice
LWN095	Native Title, Law, Policy & Practice
LWN111	Public Law & Government Commercial Activity+
LWN115	Human Rights in Australian Law+
LWN129	Contemporary Issues in Sentencing Law+
LWN131	Queensland State Lands: Law & Practice+

These units may be taken in any order.

GENERAL PRACTICE

Students undertake 48 credit points selected from the following units (each unit is worth 12 credit points):

LWN022	Banking Transactions Law+
LWN025	Research Project 1A+
LWN030	Dispute Resolution/Mediation+
LWN048	Advanced Legal Research+
LWN051	Consumer Protection & Product Liability+
LWN087	Contemporary Issues in Torts+
LWN119	Employment Law+
LWN129	Contemporary Issues in Sentencing Law+
LWN131	Queensland State Lands: Law & Practice+
LWN134	Representative Actions+

These units may be taken in any order.

MEDIA & COMMUNICATIONS LAW

Students undertake 48 credit points selected from the following units (each unit is worth 12 credit points):

LWN025	Research Project 1A+
LWN030	Dispute Resolution/Mediation+
LWN048	Advanced Legal Research+
LWN117	Legal Regulation of the Internet+
LWN120	Select Issues in Media Law & Policy+
LWN125	Electronic Commerce Law+
JSN012	The Law Morality and the Media+

These units may be taken in any order.

CORPORATE LAW

Students undertake 48 credit points selected from the following units (each unit is worth 12 credit points):

LWN022	Banking Transactions 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+
LWN112	Administrative Framework for Corporations
LWN123	Corporate Governance: Directors' Duties, Members' Rights & Compliance

These units may be taken in any order.

CRIMINAL JUSTICE

Students undertake 48 credit points selected from the following units (each unit is worth 12 credit points):

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 Diploma in Legal and Justice Studies (JS41)

In the fields of: Criminology, Law Enforcement, Intelligence & Security, Corrections & the Community and Legal & Justice Policy.

Location: Kelvin Grove campus

Course Duration: 1 year full-time, 2 years part-time, 2 years external

Total Credit Points: 96

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr Gayre Christie

Entry Requirements

To be eligible to apply for admission an applicant should:

- (i) hold an appropriate undergraduate degree from a recognised tertiary institution; or
- (ii) have extensive professional experience as deemed appropriate by the course coordinator. Applicants who do not meet the requirements for normal entry described in (i) should provide documentary evidence of experience together with the standard application form.

Full-time Course Structure

Year 1, Semester 1

JSP001	Law & Government 1
JSP002	Criminal Law in Context 1
plus:	Professional minor unit 1*
plus:	Professional minor unit 2*

Year 1, Semester 2

JSP003	Law & Government 2
JSP004	Criminal Law in Context 2
plus:	Professional minor unit 3*
plus:	Professional minor unit 4*

Part-time Course Structure

Year 1, Semester 1

JSP001	Law & Government 1
JSP002	Criminal Law in Context 1

Year 1, Semester 2

JSP003	Law & Government 2
JSP004	Criminal Law in Context 2

Year 2, Semester 1

	Professional minor unit 1*
plus:	Professional minor unit 2*

Year 2, Semester 2

	Professional minor unit 3*
plus:	Professional minor unit 4*

* Select professional minor (48 credit points) from ONE of the following areas:

Criminology

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

Law Enforcement

JSP051	Introduction to Criminal Law & Evidence
JSP052	Police Procedure & Practice
JSP053	Organised Crime
JSP054	Issues in Policing

Intelligence and Security

JSP061	Process Theory & Application
JSP062	Protective Security – Theory & Application
JSP063	Intelligence Research – Issues, Procedures & Practice
JSP064	Protective Security – Issues & Practice
JSP065	Intelligence & National Security
JSP066	Management of Protective Security
JSP067	Intelligence, Organisations, Personnel & Operations

Select four (4) units from Intelligence and Security minor.

Corrections and the Community

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

(This professional minor is not available in external mode.)

Legal and Justice Policy

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

■ Graduate Diploma in Legal Practice (LP41)

Location: Gardens Point campus

Course Duration: 24 weeks* full-time on-campus (2 courses a year), or 34 weeks* part-time off-campus (one part-time course a year)

* *excluding breaks*

² The due date for the 2001 Course 1 is 27 October 2000, and Course 2 is 4 May 2001. Applications will be accepted after these dates if places are still available.

Total Credit Points: 96

Course Coordinator: Mr Allan Chay

Entry Requirements

1. Eligibility for normal entry

1.1 To be eligible for a place in the Graduate Diploma in Legal Practice you must hold, or be entitled to, an approved degree in law by the date the course commences.

2. Approved degree in law

2.1 An approved degree in law is a degree that satisfies Queensland admission requirements for solicitors.

3. Entry for quota place position where you will not hold an approved degree.

3.1 If you are not eligible for normal entry, but have less than four one semester units (or equivalent) to complete to be eligible, you may apply for entry under this rule.

3.2 Applications for entry under this rule will not be considered unless there are places available after the allocation of places to applicants who are eligible for normal entry.

4. Allocation of quota places

4.1 If, by the due date for application for admission to the course² there are more applicants than quota places, the places will be allocated:

- as to no less than 80% of places, based on academic merit (determined by your grade point average at the time of application);
- as to up to 20% of quota places, as determined by the Director, Legal Practice having regard to:
 - the faculty's equity policy;
 - whether completion of the course is required by the applicant's employer; or
 - exceptional circumstances.

4.2 If you wish to be considered for a place allocated by the Director, Legal Practice under 4.1(b) you must be eligible for normal entry, and make a written submission to the Director by the due date. If your submission relies on the faculty's equity policy, then it must state the provisions of the equity policy upon which you rely and all the matters you want taken into consideration in support of your application. Submissions based on other grounds should also state all the matters you want taken into consideration and attach any relevant supporting documentation such as a letter from your employer, medical certificates etc.

5. Late applicants

5.1 If you apply after the due date then, subject to whether all the quota places have been already allocated, you will be allocated a place or your name will be added to the waiting list.

5.2 Applications for consideration under 4.1(b) above will not be accepted after the due date.

6. Conditional offers

6.1 If you apply for a normal entry quota place while you are still completing subjects required for an approved degree, any offer made to you of a place in the course will be made on the condition that you successfully complete those subjects and become entitled to an approved degree by the date the course commences.

Course Structure

Two full-time on-campus Legal Practice courses and one part-time off-campus course will be offered in 2001 comprising the following 12 credit point units:

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

The course consists of:

- A Skills School of six weeks during which students must enrol in LPP101 and LPP102 and attend four intensive weekends on campus.
- An Office Program during which full-time students must enrol in LPP103, LPP104, LPP105, LPP106 and LPP107 and attend campus on a full-time basis for a semester (14 weeks). Part-time off-campus students must enrol in LPP103, LPP105 and LPP107 in semester 1 and LPP104 and LPP106 in semester 2.
- A placement during which students must enrol in LPP108 and attend the workplace they are assigned to during its normal working hours over a four week period. Part-time off-campus students who work in legal offices while they are completing the course may apply for exemption from the placement.

Full-time on-campus courses commence in January and July. The part-time off-campus course commences in January.

Attendance

During the Skills School you are required to attend all four intensive weekends from 9.00 am to 5.00 pm Saturday and Sunday. Attendance is mandatory

and usually a failure to attend any of the days will mean you will have to re-enrol in the relevant unit the time it is offered.

Full-time on-campus students are required to attend the course premises or other place at which the course is conducted every working day for the duration of the Office Program and Placement from 9.00 am to 5.00 pm or at such other times as may be specified. You must also attend and participate in all scheduled activities, including lectures.

Part-time off-campus students are required to attend the course premises or other place at which the course is conducted for a one or two hour seminar or workshop each week during the Office Program.

If you are absent from the course for, in the aggregate, more than four days you will be refused a Certificate of Satisfactory Completion unless you show cause to the Dean of the Faculty of Law why such a certificate should be granted. Usually, a certificate will not be granted unless you complete all your work to a satisfactory standard, provide resumes of all discussion sessions and workshops you have missed, and comply with any other conditions imposed by the Dean. If you are absent for more than seven working days, you will have a heavy onus to discharge to show why you should be granted a certificate.

Assessment

Throughout the course there is continuous assessment of your performance. Assessment is based on proficiency, conduct and attendance.

All tasks set for assessment must be satisfactorily completed before a certificate of satisfactory completion will be issued.

Other Requirements

The Director, Legal Practice may require students to comply with such other regulations relating to the Legal Practice course as may be notified from time to time.

Certificate of Satisfactory Completion, Graduate Diploma in Legal Practice

Subject to the rules set out above, each student who satisfactorily participates in and completes each part of the course and who complies with all the requirements relating to the course will receive a Certificate of Satisfactory Completion of the Legal Practice Course and will be awarded a Graduate Diploma in Legal Practice.

■ Bar Practice Course

The Bar Practice Course is a prerequisite for admission as a Barrister in Queensland.

Location: Bar Practice Centre, Law Faculty, Gardens Point campus

Warden: Mrs Deborah Richards

Duration: The course consists of a four week full-time component, and a two week part time component including an intensive advocacy weekend workshop. The course is offered twice a year in January and June.

Background

The Bar Practice course was first offered in 1983 and is a joint venture between the Bar Association of Queensland and QUT. It is subject to a Management Committee consisting of three members appointed by the Bar Association, three members appointed by the University, one member appointed by the Chief Justice, and a Chief Executive Officer, designated Warden, who is a member of the academic staff of the Faculty of Law.

Course Requirements

Certification of completion of the course is dependent upon you attending all sessions and satisfactorily completing all the practical work. There are no formal examinations or assessment in terms of knowledge or academic performance. Assessment of advocacy performance occurs during the course. The issue of a certificate is at all times at the discretion of the Management Committee.

Eligibility for entry

To be eligible for a place in the Bar Practice Course you must:

- 1.1 (a) have satisfied by the close of applications the academic requirements for admission as a Barrister of the Supreme Court of Queensland (completed a recognised academic course' and the Schedule 2 "core subjects" as prescribed by the Barristers' Admission Rules);
- (b) have completed your court reports (as required for stage 6 of the Barristers' Admission Rules);
- (c) have arranged pupillage; and
- (d) intend to practise at the Bar in Queensland immediately upon being admitted as a Barrister.

OR

- 1.2 (a) be eligible for admission as a Barrister on the basis of having practised as a solicitor

in Queensland (see rule 15 of the Barristers' Admission Rules);

- (b) have arranged pupillage; and
- (c) intend to practise at the Bar in Queensland immediately upon being admitted as a Barrister;

OR

- 1.3 (a) be eligible for recognition as a Barrister of the Supreme Court of Queensland under the mutual recognition scheme;
- (b) have arranged pupillage in Queensland if you have not completed pupillage (or equivalent) in your home State or Territory; and
- (c) intend to practise at the Bar in Queensland immediately upon being admitted as a Barrister.

Closing Dates for Applications

The closing date for applications to the January/February 2001 course is 31 October 2000*.

The closing date for applications to the June/July 2001 course is 31 March 2001*.

Course Dates

The January/February course will commence on 15 January 2001 and conclude on 20 February 2001*.

The June/July course will commence on 11 June 2001 and conclude on 18 July 2001.*

* These dates are approximate only and could be subject to change.

■ Bachelor of Laws (LW33)

Location: Gardens Point campus

Course Duration: 4 years full-time, 6 years part-time

Total Credit Points: 384

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Ms Lindy Willmott

Credit Points: All core law units listed below in the course structure are 12 credit points in value, *except* units that are listed as /1 or /2 – these are 24 credit point units conducted over 2 semesters.

Professional Recognition for Admission to Practice

The LW33 Bachelor of Laws will enable students to meet the academic requirements for admission to practice as a Solicitor or Barrister in Queensland.

Full-time Course Structure

Year 1, Semester 1

- Introduction to Legal Research
- LWB136 Contracts A
- LWB138 Fundamentals of Torts
- LWB141 Legal Institutions & Method
- LWB142 Law, Society & Justice

Year 1, Semester 2

- LWB137 Contracts B
- LWB139 Select Issues in Torts
- LWB143 Legal Research & Writing
- LWB144 Laws & Global Perspectives

Year 2, Semester 1

- LWB231 Introduction to Public Law
- LWB232/1 Criminal Law & Procedure
- LWB233/1 Real Property
- LWB234/1 Equity & Trusts

Year 2, Semester 2

- LWB232/2 Criminal Law & Procedure
- LWB233/2 Real Property
- LWB234/2 Equity & Trusts
- LWB235 Australian Federal Constitutional Law

Year 3, Semester 1

- LWB332 Commercial & Personal Property Law
- LWB333 Theories of Law
Elective units³

Year 3, Semester 2

- LWB331 Administrative Law
- LWB334 Corporate Law
Elective units³

Year 4, Semester 1

- LWB431 Civil Procedure
- LWB432 Evidence
- LWB434 Advanced Research & Legal Reasoning
Elective units³

Year 4, Semester 2

- LWB433 Professional Responsibility
Elective units³

Part-time Internal and External Course Structure

Year 1, Semester 1

- Introduction to Legal Research
- LWB141 Legal Institutions & Method
- LWB142 Law, Society & Justice

Year 1, Semester 2

- LWB143 Legal Research & Writing
- LWB144 Laws & 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
- LWB233/1 Real Property
- LWB234/1 Equity & Trusts

Year 3, Semester 2

- LWB233/2 Real Property
- LWB234/2 Equity & Trusts
- LWB235 Australian Federal Constitutional Law

Year 4, Semester 1

- LWB232/1 Criminal Law & Procedure
- LWB333 Theories of Law
Elective units³

Year 4, Semester 2

- LWB232/2 Criminal Law & Procedure
- LWB331 Administrative Law
Elective units³

Year 5, Semester 1

- LWB332 Commercial & Personal Property Law
Elective units³

Year 5, Semester 2

- LWB334 Corporate Law
Elective units³

Year 6, Semester 1

- LWB431 Civil Procedure
- LWB432 Evidence
- LWB434 Advanced Research & Legal Reasoning

Year 6, Semester 2

- LWB433 Professional Responsibility
Elective units³

Special Accelerated Full-time Course Structure for Graduates

A graduate of any degree course approved by the Head of the Law School is eligible to complete the Bachelor of Laws course in three years (6 semesters) of full-time study.

Graduate students are eligible to apply for an exemption of 48 credit points of elective units.

Year 1, Semester 1

- Introduction to Legal Research
- LWB136 Contracts A
- LWB138 Fundamentals of Torts
- LWB141 Legal Institutions & Method
- LWB142 Law, Society & Justice

Year 1, Semester 2

- LWB137 Contracts B
- LWB139 Select Issues in Torts
- LWB143 Legal Research & Writing
- LWB144 Laws & Global Perspectives

³ A student is required to complete 96 credit points of elective units. A student may undertake, as electives, units or courses offered by other faculties but limitations are imposed on the number of introductory units or courses which may be undertaken. Before undertaking such units or courses, a student must obtain the approval of the Faculty of Law and the faculty or school responsible for the units or course. Approval by the Faculty of Law will require a student to demonstrate that the units selected form a coherent program.

Year 2, Semester 1

LWB231 Introduction to Public Law
LWB232/1 Criminal Law & Procedure
LWB233/1 Real Property

LWB234/1 Equity & Trusts
LWB332 Commercial & Personal Property Law

Year 2, Semester 2

LWB232/2 Criminal Law & Procedure
LWB233/2 Real Property
LWB234/2 Equity & Trusts
LWB235 Australian Federal Constitutional Law
LWB334 Corporate Law

Year 3, Semester 1

LWB333 Theories of Law
LWB431 Civil Procedure
LWB432 Evidence
LWB434 Advanced Research & Legal Reasoning
Elective units⁴

Year 3, Semester 2

LWB331 Administrative Law
LWB433 Professional Responsibility
Elective units⁴

Special Accelerated Part-time and External Course Structure for Graduates

A graduate of any degree course approved by the Head of the Law School is eligible to complete the Bachelor of Laws course in five years (10 semesters) of part-time study.

Graduate students are eligible to apply for an exemption of 48 credit points of elective units.

Note: The accelerated nature of the graduate course structures results in a credit point loading equivalent to that of a full-time student. Consequently, enrolment in these programs will attract student guild fees and HECS liability calculated at full-time rates.

Year 1, Semester 1

Introduction to Legal Research
LWB141 Legal Institutions & Method
LWB142 Law, Society & Justice

Year 1, Semester 2

LWB143 Legal Research & Writing
LWB144 Laws & Global Perspectives

Year 2, Semester 1

LWB136 Contracts A
LWB138 Fundamentals of Torts
LWB232/1 Criminal Law & Procedure

Year 2, Semester 2

LWB137 Contracts B
LWB139 Select Issues in Torts
LWB232/2 Criminal Law & Procedure

Year 3, Semester 1

LWB231 Introduction to Public Law
LWB233/1 Real Property
LWB234/1 Equity & Trusts

Year 3, Semester 2

LWB233/2 Real Property
LWB234/2 Equity & Trusts
LWB235 Australian Federal Constitutional Law

Year 4, Semester 1

LWB333 Theories of Law
LWB332 Commercial & Personal Property
Elective units⁴

Year 4, Semester 2

LWB331 Administrative Law
LWB334 Corporate Law
Elective units⁴

Year 5, Semester 1

LWB431 Civil Procedure
LWB432 Evidence
LWB434 Advanced Research & Legal Reasoning

Year 5, Semester 2

LWB433 Professional Responsibility
Elective units⁴

Law Elective Units

Law elective units are either of 8 credit points in value with two contact hours per week or 12 credit points in value with three contact hours per week.

LWB302 Family Law
LWB306 Planning Law
LWB307 Insolvency Law
LWB308 Industrial Law
LWB309 Succession
LWB312 Real Estate Transactions
LWB313 Discrimination & Equal Opportunity Law
LWB315 Jessup International Law Moot
LWB316 Jessup International Law Moot 2
LWB317 Restitution
LWB353 Select Issues in Law & Government
LWB354 Advanced Civil Procedure
LWB356 Advocacy
LWB359 Advanced Taxation Law
LWB361 Drafting
LWB363 Insurance Law
LWB364 Introduction to Taxation Law
LWB366 Law of Commercial Entities
LWB367 Law of Corporate Governance
LWB368 Comparative Law: the US & Canada
LWB406 Fundamentals of Public International Law
LWB407 Private International Law
LWB410 Restrictive Trade Practices
LWB412 Research & Writing Project
LWB413 Queensland Parliamentary Internship Program
LWB451 Alternative Dispute Resolution

³ A student is required to complete 96 credit points of elective units. A student may undertake, as electives, units or courses offered by other faculties but limitations are imposed on the number of introductory units or courses which may be undertaken. Before undertaking such units or courses, a student must obtain the approval of the Faculty of Law and the faculty or school responsible for the units or course. Approval by the Faculty of Law will require a student to demonstrate that the units selected form a coherent program.

LWB452	Asian Legal Systems
LWB454	Banking & Finance Law
LWB456	Legal Clinic (Organised Program)
LWB458	Consumer Protection
LWB461	Private Law Remedies
LWB480	Media Law
LWB482	Law & Information Technology
LWB483	Medico-Legal Issues
LWB485	Environmental Law
LWB486	Intellectual Property Law
LWB487	Maritime Law
LWB492	Securities
LWB494	Principles of Sentencing

Law elective units are offered in either first semester or second semester of any academic year. The offering of elective units in any semester is dependent upon sufficient minimum enrolments in the unit and availability of staff.

■ Bachelor of Arts (Justice Studies)/Bachelor of Laws (LW41)

This course is currently being phased out and is not accepting new students. It is replaced by the Bachelor of Arts (Justice Studies)/Bachelor of Laws (LW42) course.

Location: Kelvin Grove and Gardens Point campuses

Course Duration: 5 years full-time

Total Credit Points: 552

Standard Credit Points/Full-time Semester: 54

Course Coordinators:

Justice Studies: Ms Sue Currie

Law: Ms Lindy Willmott

■ Bachelor of Arts (Justice Studies)/Bachelor of Laws (LW42)

Location: Kelvin Grove and Gardens Point campuses

Course Duration: 5 years full-time

Total Credit Points: 528

Standard Credit Points/Full-time Semester: 54

Course Coordinators:

Justice Studies: Ms Sue Currie

Law: Ms Lindy Willmott

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 (LW33) entry.

Course Structure

In the first three years students study a combination of Justice Studies units and Law units. The final two years of the course are devoted to the study of Law units only.

Credit Points

All core law units listed below in the course structure are 12 credit points in value, *except* units that are listed as /1 or /2 – these are 24 credit point units conducted over 2 semesters.

Full-time Course Structure

Year 1, Semester 1

JSB011	Social Issues for Justice Professionals 1
JSB012	Communication for Justice Professionals
JSB014	Introduction to Justice Research Introduction to Legal Research
LWB141	Legal Institutions & Method
LWB142	Law, Society & Justice

Year 1, Semester 2

JSB015	Social Issues for Justice Professionals 2
JSB016	Interpersonal Skills for Justice Professionals
JSB018	Criminology 1
LWB143	Legal Research & Writing
LWB144	Laws & Global Perspectives

Year 2, Semester 1

JSB023	Human Dynamics & the Criminal Justice Process 1
JSB022	Criminal Law in Context 1
LWB136	Contracts A

Select one unit from the following professional minors⁵:

JSB041	Juvenile Justice
JSB051	Introduction to Criminal Law & Evidence
JSB061	Process Theory & Application
JSB062	Protective Security – Theory & Application
JSB071	Corrections & the Community 1
JSB081	Law & Public Policy

Year 2, Semester 2

JSB021	Criminology 2
JSB024	Criminal Law in Context 2
LWB137	Contracts B

Select one unit from the following professional minors⁵:

JSB042	Crime & the Workplace
JSB052	Police Procedure & Practice
JSB063	Intelligence Research – Issues, Procedures & Practice
JSB064	Protective Security Issues & Practice
JSB072	Corrections & the Community 2
JSB082	Legal Rights & Responsibilities

⁵ A student must complete 48 credit points in ONE professional minor. Professional minors can be selected from: Criminology, Law Enforcement, Intelligence & Security, Corrections & the Community, and Legal & Justice Policy.

Year 3, Semester 1

JSB031	Investigation & Evidence
JSB032	Alternative Justice Processes
LWB138	Fundamentals of Torts

Select one unit from the following professional minors⁵:

JSB043	Crime Research Methods
JSB053	Organised Crime
JSB066	Management of Protective Security
JSB067	Intelligence, Organisations, Personnel & Operations
JSB073	Corrections & the Community 3
JSB083	Administrative Law & Justice

Year 3, Semester 2

JSB033	Human Dynamics & the Criminal Justice Process 2
JSB034	Justice & Accountability
LWB139	Select Issues in Torts

Select one unit from the following professional minors⁵:

JSB044	Responding to Crime
JSB054	Issues in Policing
JSB065	Intelligence & National Security
JSB074	Corrections & the Community 4
JSB084	Justice & Human Rights

Year 4, Semester 1

LWB231	Introduction to Public Law
LWB232/1	Criminal Law & Procedure
LWB233/1	Real Property
LWB234/1	Equity & Trusts
LWB332	Commercial & Personal Property Law

Year 4, Semester 2

LWB232/2	Criminal Law & Procedure
LWB233/2	Real Property
LWB234/2	Equity & Trusts
LWB235	Australian Federal Constitutional Law
LWB334	Corporate Law

Year 5, Semester 1

LWB333	Theories of Law
LWB431	Civil Procedure
LWB432	Evidence
LWB434	Advanced Research & Legal Reasoning Elective units ⁶

Year 5, Semester 2

LWB331	Administrative Law
LWB433	Professional Responsibility Elective units ⁶

■ Bachelor of Arts (Justice Studies) (Honours) (JS40)

In the fields of: Criminology, Law Enforcement, Intelligence & Security, Corrections & the Community and Legal & Justice Policy.

Location: Kelvin Grove campus

Course Duration: 1 year full-time, 2 years part-time

Total Credit Points: 96

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr Gayre Christie

Entry Requirements

To be eligible to apply for admission an applicant should:

- hold a Bachelor of Arts (Justice Studies) three-year degree or equivalent and should have attained a grade point average (GPA) of at least 5.00 on a seven-point scale, and have completed the Research Design and Methodology/Crime Research Methods unit offered in the undergraduate program prior to entry to the honours year; or
- have other qualifications, including work experience or involvement in research as deemed appropriate by the course coordinator.

Final date for applications for admission to the honours program is 1 December of the year preceding that for which application is being made.

Course Requirements

Students must complete two prescribed units (24 credit points), two units in Professional Studies (24 credit points) and a thesis (48 credit points).

The course coordinator, in conjunction with thesis examiners and supervisors, will recommend to the Law Academic Board awards of:

- 1st Class Honours to students with a grade point average (GPA) of 6.50-7.00;
- 2nd Class Honours, Division A to students with a GPA of 5.50-6.49;
- 2nd Class Honours, Division B with a GPA of 4.50-5.49; and
- 3rd Class Honours to students with a GPA of 4.00-4.49.

⁵ A student must complete 48 credit points in ONE professional minor. Professional minors can be selected from: Criminology, Law Enforcement, Intelligence & Security, Corrections & the Community, and Legal & Justice Policy.

⁶ Students are required to complete a total of 24 credit points of elective units for the Bachelor of Laws component. A student may undertake, as electives, units or courses offered by other faculties but limitations are imposed on the number of introductory units or courses which may be undertaken. Before undertaking such units or courses, a student must obtain the approval of the Faculty of Law and the faculty or school responsible for the units or course. Approval by the Faculty of Law will require a student to demonstrate that the units selected form a coherent program.

Full-time Course Structure

Year 1, Semester 1

JSB401	Applied Criminology
JSB402	Professional Studies 1 ⁷
JSB403	Professional Studies 2 ⁷
JSB404	Thesis 1

Year 1, Semester 2

JSB405	Justice Organisations
JSB406	Thesis 2

Part-time Course Structure

Year 1, Semester 1

JSB401	Applied Criminology
JSB402	Professional Studies 1 ⁷

Year 1, Semester 2

JSB405	Justice Organisations
JSB404	Thesis 1

Year 2, Semester 1

JSB403	Professional Studies 2 ⁷
JSB407	Thesis 3

Year 2, Semester 2

JSB408	Thesis 4
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■ Bachelor of Arts (Justice Studies) (JS31)

Location: Kelvin Grove campus

Course Duration: 3 years full-time, 6 years part-time, 6 years external

Total Credit Points: 288

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Ms Sue Currie

Course Structure

The course structure comprises the following:

- (i) Eight Justice Studies core units (96 credit points)
- (ii) Justice Studies major (96 credit points)
- (iii) Professional minor (48 credit points) and either four elective units (48 credit points) or second Professional minor (48 credit points). Professional minors can be selected from: Criminology, Law Enforcement, Intelligence & Security, Corrections & the Community, and Legal & Justice Policy.
OR
Secondary major (72 credit points) and two elective units (24 credit points).

Full-time Course Structure

Year 1, Semester 1

JSB011	Social Issues for Justice Professionals 1
JSB012	Communication for Justice Professionals
JSB013	Law & Government 1
JSB014	Introduction to Justice Research

Year 1, Semester 2

JSB015	Social Issues for Justice Professionals 2
JSB016	Interpersonal Skills for Justice Professionals
JSB017	Law & Government 2
JSB018	Criminology 1

Year 2, Semester 1

JSB022	Criminal Law in Context 1
JSB023	Human Dynamics & the Criminal Justice Process 1

Select one of:

JSB041	Juvenile Justice
JSB051	Introduction to Criminal Law & Evidence
JSB061	Process Theory & Application
JSB062	Protective Security – Theory & Application
JSB071	Corrections & the Community 1
JSB081	Law & Public Policy Elective

Year 2, Semester 2

JSB021	Criminology 2
JSB024	Criminal Law in Context 2

Select one professional minor unit and one elective or two professional minor units:

JSB042	Crime & the Workplace
JSB052	Police Procedure & Practice
JSB063	Intelligence Research – Issues, Procedures & Practice
JSB064	Protective Security Issues & Practice
JSB072	Corrections & the Community 2
JSB082	Legal Rights & Responsibilities Elective

Year 3, Semester 1

JSB031	Investigation & Evidence
JSB032	Alternative Justice Processes

Select one Professional Minor unit and one elective or two Professional Minor units:

JSB043	Crime Research Methods ⁸
JSB053	Organised Crime
JSB067	Intelligence, Organisations, Personnel & Operations
JSB066	Management of Protective Security
JSB073	Corrections & the Community 3
JSB083	Administrative Law & Justice Elective

Year 3, Semester 2

JSB033	Human Dynamics & the Criminal Justice Process 2
JSB034	Justice & Accountability

⁷ Professional Studies 1 and 2 will be drawn from units in JS31 in the following areas: Criminology, Law Enforcement, Intelligence & Security, Corrections & the Community, and Legal & Justice Policy.

⁸ Prerequisite for the Bachelor of Arts (Justice Studies) (Honours).

Select one professional minor unit and one elective or two professional minor units:

JSB044	Responding to Crime
JSB054	Issues in Policing
JSB065	Intelligence & National Security
JSB074	Corrections & the Community 4
JSB084	Justice & Human Rights Elective

Part-time Course Structure

Year 1, Semester 1

JSB011	Social Issues for Justice Professionals 1
JSB012	Communication for Justice Professionals

Year 1, Semester 2

JSB015	Social Issues for Justice Professionals 2
JSB016	Interpersonal Skills for Justice Professionals

Year 2, Semester 1

JSB013	Law & Government 1
JSB014	Introduction to Justice Research

Year 2, Semester 2

JSB017	Law & Government 2
JSB018	Criminology 1

Year 3, Semester 1

JSB022	Criminal Law in Context 1
JSB023	Human Dynamics & the Criminal Justice Process 1

Year 3, Semester 2

JSB021	Criminology 2
JSB024	Criminal Law in Context 2

Year 4, Semester 1

Select one professional minor unit and one elective or two professional minor units:

JSB041	Juvenile Justice
JSB051	Introduction to Criminal Law & Evidence
JSB061	Process Theory & Application
JSB062	Protective Security – Theory & Application
JSB071	Corrections & the Community 1
JSB081	Law & Public Policy Elective

Year 4, Semester 2

Select one professional minor unit and one elective or two professional minor units:

JSB042	Crime & the Workplace
JSB052	Police Procedure & Practice
JSB063	Intelligence Research – Issues, Procedures & Practice
JSB064	Protective Security Issues & Practice
JSB072	Corrections & the Community 2
JSB082	Legal Rights & Responsibilities Elective

Year 5, Semester 1

JSB031	Investigation & Evidence
JSB032	Alternative Justice Processes

Year 5, Semester 2

JSB033	Human Dynamics & the Criminal Justice Process 2
JSB034	Justice & Accountability

Year 6, Semester 1

Select one professional minor unit and one elective or two professional minor units:

JSB043	Crime Research Methods ⁸
JSB053	Organised Crime
JSB066	Management of Protective Security
JSB067	Intelligence Organisations, Personnel & Operations
JSB073	Corrections & the Community 3
JSB083	Administrative Law & Justice Elective

Year 6, Semester 2

Select one professional minor unit and one elective or two professional minor units:

JSB044	Responding to Crime
JSB054	Issues in Policing
JSB065	Intelligence & National Security
JSB074	Corrections & the Community 4
JSB084	Justice & Human Rights Elective

Elective Units

JSB085	Law & Legal Institutions
JSB086	Law of Civil Obligations 1
JSB087	Law of Civil Obligations 2
JSB088	Criminal Law & Procedure
JSB092	Applied Justice Research

Electives offered subject to availability.

Electives may be taken from other units offered by Justice Studies or other faculties but limitations are imposed on the number of electives at introductory level which may be undertaken.

External Course Structure

Year 1, Semester 1

JSB011	Social Issues for Justice Professionals 1
JSB012	Communication for Justice Professionals

Year 1, Semester 2

JSB015	Social Issues for Justice Professionals 2
JSB016	Interpersonal Skills for Justice Professionals

Year 2, Semester 1

JSB013	Law & Government 1
JSB014	Introduction to Justice Research

Year 2, Semester 2

JSB017	Law & Government 2
JSB018	Criminology 1

Year 3, Semester 1

JSB022	Criminal Law in Context 1
JSB023	Human Dynamics & the Criminal Justice Process 1

⁸ Prerequisite for the Bachelor of Arts (Justice Studies) (Honours).

Year 3, Semester 2

- JSB021 Criminology 2
- JSB024 Criminal Law in Context 2

Year 4, Semester 1

Select one professional minor unit and one elective,
or two professional minor units:

- JSB041 Juvenile Justice
- JSB051 Introduction to Criminal Law & Evidence
- JSB061 Process Theory & Application
- JSB062 Protective Security – Theory & Practice
- JSB081 Law & Public Policy
Elective

Year 4, Semester 2

Select one professional minor unit and one elective,
or two professional minor units:

- JSB042 Crime & the Workplace
- JSB052 Police Procedure & Practice
- JSB063 Intelligence Research – Issues, Procedures &
Practice
- JSB064 Protective Security Issues & Practice
- JSB082 Legal Rights & Responsibilities
Elective

Year 5, Semester 1

- JSB031 Investigation & Evidence
- JSB032 Alternative Justice Processes

Year 5, Semester 2

- JSB033 Human Dynamics & the Criminal Justice
Process 2
- JSB034 Justice & Accountability

Year 6, Semester 1

Select one professional minor unit and one elective,
or two professional minor units:

- JSB043 Crime Research Methods
- JSB053 Organised Crime
- JSB066 Management & Protective Security
- JSB067 Intelligence, Organisations, Personnel &
Operations
- JSB083 Administrative Law & Justice
Elective

Year 6, Semester 2

Select one professional minor unit and one elective,
or two professional minor units:

- JSB044 Responding to Crime
- JSB054 Issues in Policing
- JSB065 Intelligence & National Security
- JSB084 Justice & Human Rights
Elective

Course Structure

The structure of the course is identical to that of the Bachelor of Arts (Justice Studies) (JS31).

■ Bachelor of Arts (Justice Studies) (In-service) (JS33)

Location: Kelvin Grove campus

Course Duration: 3 years full-time, 6 years part-time, 6 years external

Total Credit Points: 288

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Ms Sue Currie



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Note: For double degree programs with Science and Mathematics, please refer to the section on Interfaculty courses.

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 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 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 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 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/>
 e.mail: [sci-enquiries@qut.edu.au/](mailto:sci-enquiries@qut.edu.au)
 Telephone +61 7 3864 2512.

RESEARCH CENTRES

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 development of new sample introduction methods in atomic spectroscopy; the application of analytical techniques to forensic science.

□ *Applied Organic Chemistry*

The program encompasses a wide range of industrial sectors, and research makes extensive use of the instrumental infrastructure of the centre. Current areas of activity include the synthesis of new molecules for use in industrial electronics and in the medical field; isolation and characterisation of new compounds of medicinal benefit from natural sources; development of new synthetic procedures involving free radicals; flavour chemistry of foodstuffs and agricultural products; and structural aspects of DNA.

□ *Material Science*

This area of centre activities has been well supported by industrial grants. Research is carried out in a number of important areas encompassing organic, inorganic and metallic materials. Significant project areas include synthetic polymers, particularly degradation studies and polymerisation kinetics; corrosion of metals and alloys in industrial environments; investigation of the electrodeposition of copper during the refining process; 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.

□ *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, nuclear magnetic resonance spectrometry, Fourier transform Raman and infrared spectroscopy, Raman microprobe spectroscopy; inductively coupled plasma emission spectrometry, inductively coupled plasma mass spectrometry, thermal analysis, and materials testing equipment.

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

CENTRE FOR MEDICAL AND HEALTH PHYSICS (CMHP)

The Centre for Medical and Health 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. Staff undertake research in body composition, daylighting, environmental aerosols, environmental radioactivity, materials, medical imaging, NMR micro-imaging, radiation therapy and ultraviolet radiation.

□ *Medical Physics*

- Clinical measurement
- Computer modelling
- Enhancement and development of diagnostic instrumentation
- Diagnostic methodologies

□ *Medical Imaging*

- Magnetic resonance imaging
- Bioimpedance imaging
- Image analysis
- 3D imaging

□ *Body Composition Studies*

- Body water measurements
- Toxic element analysis
- Bone densitometry

□ *Health Physics*

- Modelling and measurement of air pollutants/aerosols
- Measurement of ionising radiation
- Environmental radioactivity
- Radiation health physics
- Ultraviolet radiation monitoring

□ *Daylighting/Photometry*

- Daylighting (natural lighting) research and services
- Photometric services

□ *Radiotherapy*

- Monte Carlo optimisation
- Investigation of gel dosimetry
- Consequences of organ movement

□ *Materials Science*

- Nuclear magnetic resonance (NMR) micro-imaging
- Shock-tube compaction of powders

Director: Associate Professor Brian J. Thomas
Phone +61 7 3864 2595.

CENTRE FOR MOLECULAR BIOTECHNOLOGY

The Centre for Molecular Biotechnology is located within the School of Life Sciences and is one of the largest of QUTs University centres. An integrated centre for basic and strategic research in molecular biotechnology, the centre has programs in Arbovirology, Cancer and Molecular Genetics, Chlamydia, Growth and Developmental Biology and Plant Biotechnology. The Centre focuses on postgraduate education and training in molecular biotechnology and has a very active PhD program with more than 40 students currently enrolled. Research is conducted in state-of-the-art laboratories totalling more than 1300 m², 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.

□ *Human/Animal Biotechnology*

- Vaccines for genital chlamydia
- Diagnosis of human chlamydial diseases
- Chlamydial infections in human infertility, respiratory and heart disease
- Vaccine for dengue virus
- Immunology and molecular biology of dengue and Ross River virus
- Molecular pathogenesis of gram positive bacteria
- Rapid diagnosis of genetic diseases
- Molecular genetics of human diseases

- Molecular basis for leptin insensitivity in diabetes
- Growth factors in cancer
- Growth factors in cell growth and differentiation
- Proteases in cancer and inflammation biology
- Mammalian embryo implantation
- Kallikrein serine proteases in hormone-dependent cancers (prostate, kidney, ovary)
- Development and function of engineered antibodies
- Structural analysis of protein function

□ **Plant Biotechnology**

- Artificial resistance to banana bunchy-top virus
- Artificial resistance to papaya ringspot virus
- Characterisation of viruses infecting sugarcane and other economically important crops

Acting Director: Associate Professor P. Timms, BSc(Hons) PhD *Qld*
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CENTRE IN STATISTICAL SCIENCE AND INDUSTRIAL MATHEMATICS (CiSSaIM)

The mission of the centre is to create new knowledge in statistical science and industrial mathematics 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 and industrial mathematics
- 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 and mathematical models and efficient algorithms for the analysis of problems of significance to industry, government and the community. It acknowledges the need to forge links with Australian and international organisations, and a major feature of the centre is the high proportion of collaboration in research projects with other researchers within QUT, other Australian universities, government and industry, and international researchers.

It also aims to maintain and develop strong links with local industry by providing expert consulting in statistics and mathematics. Some of the projects

undertaken by the centre involve contract research for industry.

Research is conducted in the areas of Stochastic Modelling and Applied Statistics, Industrial Mathematics, Operations Research, Mathematics applied to Medicine and Biology, and Mathematical Modelling for environmental and health industry applications. The centre is developing statistical and mathematical techniques in areas including:

- Applied Statistics (including financial, biometrics, cryptography)
- Analysis of Spatial Data
- Analysis of Time Dependent Data
- Statistical Inference
- Industrial Modelling
- Porous Media Modelling
- Oceanographic Modelling
- Production Planning Systems
- Cancer Modelling
- Health Outcomes Modelling
- Biodiversity Modelling

Within CiSSaIM, there are two specialist research units, the SCu and EMUNest. Consulting services are provided within QUT and to external clients in industry and government by the Statistical Consulting unit (SCu) and other staff of the Centre. The Environmental Modelling Unit-Network in Environmental Statistics and Training (EMUNest) is a focus group for biodiversity modelling.

The centre has a strong postgraduate teaching program with over 30 students enrolled in part-time and full-time postgraduate courses, including 21 engaged in PhD 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 its own DEC Alpha server, DEC Alpha workstations, networked PCs and Macs, and centrally provided research supercomputing facilities.

Director: Professor D.L.S. McElwain, BSc(Hons) *Qld*, PhD *York (Can)*
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COOPERATIVE RESEARCH CENTRE (CRC) FOR DIAGNOSTIC TECHNOLOGIES

The CRC for Diagnostic Technologies based at QUT is a cooperative venture between research organisations (QUT, La Trobe University, CSIRO and the Child Health Research Institute) 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 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.

Formed in 1995, this \$39 million centre is jointly funded by the participants and the Commonwealth and State Governments.

□ *Protein-Based Diagnostic Technologies*

- Library construction and affinity maturation of antibody-like molecules
- Rational protein design

□ *Nucleic Acid Based Technologies*

- Genetic disease diagnosis
- Non-radioactive detection and multiple-mutation testing
- Infectious disease diagnosis
- Novel DNA amplification technologies

□ *Education*

- Postgraduate scholarships for cutting edge diagnostic projects at APA (I) rate currently \$22,030 p.a. plus \$10,000 p.a. for research consumables
- Summer vacation scholarships for undergraduates
- International focus maintained through local and overseas conferences and workshops
- Provides a base for staff to gain commercial experience.

Director: Professor Tony Evans

Tel : +61 7 3864 1296

SENIOR STAFF

□ *Faculty Office*

Dean: Professor G. George, BSc(Hons) PhD *Qld*, CChem, FRACI

Director of Research: Professor J.L. Dale, BScAgr PhD *Syd*

Director of Academic Programs: A.T. Grenfell, BSc(Hons) DipEd PhD *Qld*

Faculty Operations Manager: P. Campbell, AssocDip ClinLabTech AssocDip ElecEng *QIT*

□ *School of Life Sciences*

Head: Professor A.C. Herington, BSc(Hons) PhD *Monash*

Associate Professors:

J.A. Clements, BAppSc MAppSc *RMIT*, PhD *Monash*

N.A. Marsh, BSc(Hons) *Queen Elizabeth College*, PhD *Lond*, GradCertEd(Higher Ed.)

C.P. Morris, BSc(Hons) PhD *Adel.*

P. Timms, MSc PhD *Qld*, FASM

□ *School of Mathematical Sciences*

Head: Professor A.N. Pettitt, BSc(Hons) MSc PhD *Nott.*, FSS, MSSAI

Professor: D.L.S. McElwain, BSc(Hons) *Qld*, PhD *York (Canada)*

Associate Professors:

H. MacGillivray, BSc(Hons) PhD *Qld*, MSSAI

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

□ *School of Natural Resource Sciences*

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

Associate Professor: L.H. Hamilton, BE MSc *UNSW*, PhD *DIC Lond.*, FAIG, FAusIMM

□ *School of Physical 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

■ Policy on credit transfer relating to Bachelor-level courses in the Faculty of Science

FROM INCOMPLETE BACHELOR-LEVEL SCIENCE COURSES

Students transferring to a Bachelor degree course offered by the Faculty of Science at QUT from a comparable, partially completed course in a recognised institution may be granted credit towards the QUT award. In general, credit will be granted pro rata; for example, 96 credit points of credit normally will be granted for each year of full-time study (or its equivalent) successfully completed at the other institution. The maximum credit which may be granted is 192 credit points.

Each application for credit towards a Faculty of Science award will be considered individually, on its merits. Students who have successfully completed a year or more of full-time study (or its equivalent) at another institution nevertheless may be required to undertake specific first-level units at QUT. Also, to satisfy the relevant QUT degree rules, some students may have to complete a total of more than 288 credit points.

FROM COMPLETED ASSOCIATE DIPLOMA COURSES

Students entering a Bachelor degree course offered by the Faculty of Science at QUT following successful completion of a relevant Associate Diploma or Associate Degree course from a recognised institution may be granted credit towards the QUT award. The maximum credit which may be granted is 96 credit points.

Unless the Dean determines otherwise, the credit will be granted as provisional credit. To have the credit confirmed, the student undertakes in the QUT course a program of study of at least 48 credit points and attains a grade point average of not less than 4.0. If, at the conclusion of such a course of study, the students grade point average is less than 4.0, the Dean shall determine both the extent to which credit granted conditionally may be retained and the student's subsequent program of study in the course.

■ Policy on submission of project reports for assessment

The Science Academic Board has approved the following rules with regard to the completion of project units in all undergraduate and postgraduate courses (including Honours projects):

- (i) A student enrolled in a project unit is required to submit the associated project report, dissertation or thesis for assessment by no later than the final day of the examination period for the semester in which the students enrolment in that unit will terminate.
- (ii) In special circumstances and on the written recommendation of the students supervisor, the Dean may grant an extension of time to complete the work associated with the project. The final date for submission of the report after such an extension shall be the last day of the deferred examination period for the semester in which the students enrolment in that unit would terminate. In such cases, an A result shall be given initially to the student in respect of this unit.
- (iii) The Academic Board may grant a further extension of time to complete the work associated with a project, on condition that the student re-enrols in the project unit for the succeeding semester. Failure to re-enrol in the project unit by the last day of the deferred examination period for the semester in which, otherwise, the students enrolment in that unit would terminate will result in a grade of 2 or 1 being awarded in that unit.

Subsequent to the assessment process, the relevant school shall have discretion as to whether a candidate needs to re-enrol to effect any amendments required, or whether such amendments are essentially editorial. However, a student who is required to undertake further investigative work relating to his or her project must continue to be enrolled in the relevant project unit.

Students seeking extensions are advised that late submission of a project report for assessment as indicated in (ii) above may prevent publication of the associated result in time for the student to be included on the graduation list for that semester. Thus course completion and graduate status from the relevant course may be delayed. This could disadvantage students seeking employment or promotion on the basis of the qualification in question.

■ Policy and procedures concerning exemption from practical work

Exemptions from practical work will not normally be granted by schools in the faculty. However, where a student wishes to be exempt on the grounds of some extenuating circumstances from the practical component of a unit attempted previously, they must write to the Head of School controlling the unit (or Dean of faculty in the case of faculty units), stating the following:

- (i) the year in which the unit was previously attempted,
- (ii) the total mark/grade obtained for the practical component for the semester, and the maximum possible mark/grade, where known, and
- (iii) the circumstances on which the students are basing their application.

Any documentation relevant to these circumstances must be provided with the application.

Students, if required, must submit practical reports, notebooks, field notes, etc. from their previous attempt at the unit. No exemption will be given for practicals where the unit has been attempted more than two years prior to the current enrolment. Students seeking exemption from practical work must do so within two weeks of the commencement of the semester in which the unit is taken.

Heads of School will:

- (i) consult with relevant course/strand coordinators and unit lecturers with regard to the application,
- (ii) respond to the application in writing, and
- (iii) forward a copy of their response to the course/strand coordinator and unit lecturer.

Heads of School will determine individual school policies on exemptions and these may be obtained from the School offices.

■ Master of Applied Science (SC80)

Location : Gardens Point campus

Course Duration: 2 years full-time, 4 years part-time

Total Credit Points: 192

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 semiannually 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.

Course Structure

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 on these two pages are units designed for this course.

Chemistry Strand

- PCN701 Topics in Advanced Chemistry 1
- PCN801 Topics in Advanced Chemistry 2
- PCN705 Research Methodology

Elective units (two of):

- PCN710 Chemical Instrumentation
- PCN720 Chemometrics
- PCN730 Advanced Physical Methods in Chemistry
- PCN740 Laboratory Techniques for Preparative Chemistry

Ecology, Geoscience and Environmental Science Strands

Essential units:

- NRN100 Readings in Natural Resource Sciences 1
- NRN102 Seminars in Natural Resource Sciences 1
- NRN103 Seminars in Natural Resource Sciences 2

Select up to two of the following units if required:

- NRN101 Readings in Natural Resource Sciences 2
- NRN104 Advanced Topics in Natural Resource Sciences 1
- NRN105 Advanced Topics in Natural Resource Sciences 2

Life Science Strand

Students are normally expected to complete the following:

- LSN011 Research Seminars in Life Science 1
- LSN023 Research Seminars in Life Science 3
- LSN013 Readings in Life Science 3

Selections from other programs to a maximum of 18 credit points.

Mathematics Strand

Selections from other school programs to a maximum of 60 credit points

Physics Strand

- PCN715 Advanced Topics in Physics 1
- PCN716 Advanced Topics in Physics 2

Selections from other programs to 36 credit points.

Research Work

At least 128 credit points of Masters research

■ **Master of Applied Science (Medical Physics) Master of Applied Science (Medical Ultrasound) Master of Applied Science (Medical Imaging) Master of Applied Science (Radiation Therapy) (PH80)**

Location: Gardens Point campus

Course Duration:

- 1.5 years full-time, 3 years part-time for Medical Physics
- 1.5 years full-time, 3 years part-time plus summer program for Medical Ultrasound
- 1 calendar year full time (2 semesters plus summer program) for Medical Imaging and Radiation Therapy

Total Credit Points: 144

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Associate Professor Brian J. Thomas

Strand Coordinators:

Medical Physics Major: Dr Greg Michael

Medical Ultrasound Major: Ms Margo Harkness

Medical Imaging Major: Ms Pam Rowntree

Radiation Therapy Major: Ms Michelle Oppelaar

Entry Requirements

The Medical Physics and Medical Ultrasound programs commence in February each year. Applications are to be made prior to 31 October in the preceding year. The Medical Imaging program commences in July each year. Applications are to be made prior to 18 June in that year. The Radiation Therapy program may be commenced in either semester.

Medical Physics Major

To be eligible to enrol for the Medical Physics major, an applicant must have completed an acceptable tertiary course with a major in Physics.

Applicants with other qualifications (e.g. Engineering) may be enrolled subject to the approval of the Head of the School of Physical Sciences. In some instances, a bridging program may be necessary.

Medical Ultrasound Major

To be eligible to enrol in the Medical Ultrasound major an applicant will normally be qualified as a diagnostic radiographer (or medical imaging technologist) at degree or diploma level and have a minimum of two years experience in clinical practice.

Applicants with other qualifications (e.g. in paramedical or physical sciences), and appropriate experience, may be permitted to enrol subject to the approval of the Head of the School of Physical Sciences. In some instances, a bridging program may be necessary.

Applicants must also demonstrate, in writing, that employment in a suitable clinical practice will be available for the duration of the course.

Medical Imaging Major

To be eligible to enrol in the Medical Imaging major an applicant will normally be qualified as a medical imaging technologist (diagnostic radiographer) at degree or diploma level and have a minimum of two years experience in clinical practice.

Applicants with other medical imaging qualifications and appropriate experience may be permitted to enrol subject to the approval of the Head of School of Physical Sciences. In some instances a bridging program may be necessary.

□ **Radiation Therapy Major**

To be eligible to enrol in the Radiation Therapy major an applicant will normally be qualified as a radiation therapist (therapeutic radiographer) at degree or diploma level and have a minimum of two years experience in clinical practice.

Applicants with other radiotherapy qualifications and appropriate experience may be permitted to enrol subject to the approval of the Head of School of Physical Sciences. In some instances a bridging program may be necessary.

Course Requirements

□ **Medical Physics Major**

To complete Stage 1, students must complete units from the list below, totalling 96 credit points.

In semester 2, students may select either PCN213 Biomechanics/Physiological Measurement or PCN214 Health and Occupational Physics for a total of 48 credit points (FT).

Stage 1

First Semester

LSB142	Human Anatomy & Physiology
PCN112	Medical Imaging Science
PCN113	Radiation Physics
PCN114	Microprocessors & Instrumentation

Second Semester

PCN211	Medical Imaging
PCN212	Radiotherapy
PCN213	Biomechanics/Physiological Measurement
PCN214	Health & Occupational Physics
PCN218	Research Methodology & Professional Studies

□ **Medical Ultrasound Major**

To complete Stage 1, students must complete units from the list below, totalling 96 credit points.

Stage 1

First Semester

LSN159	Advanced Pathology
PCN159	Ultrasonic Examinations 1
PCN162	Principles of Medical Ultrasound
PCN197/1/2	Clinical Attachment 1 ¹

Second Semester

PCN218	Research Methodology & Professional Studies
PCN355	Cardiovascular Ultrasound
PCN356	Ultrasonic Examinations 2
PCN197/2/2	Clinical Attachment 1 ¹

¹ This unit PCN197 is a full-year unit in the Medical Ultrasound major.

² Students who have previously completed a degree program containing this unit or an equivalent unit are ineligible to enrol in this unit.

³ Elective(s) as approved by the course coordinator.

⁴ PCN197/1/2 & 2/2 must be undertaken in one semester in the Medical Imaging major.

⁵ PCB593 is optional in place of a unit from second semester or summer program.

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.

□ **Medical Imaging Major**

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

PCN218	Research Methodology & Professional Studies
PCB682	Magnetic Resonance Imaging ²
PCN182	Advanced Computed Tomography
PCN184	Breast Imaging Elective ³
PCN197/1/2 & 2/2	Clinical Attachment 1 ⁴
PCN187	Specialist Studies

Summer Program

PCN318	Radiographic Interpretation
PCN281	Advanced Magnetic Resonance Imaging
PCN187	Specialist Studies Elective ³
PCN197/1/2 & 2/2	Clinical Attachment 1

First Semester

PCB593	Digital Image Processing ^{5, 2}
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□ **Radiation Therapy Major**

To complete the Graduate Certificate of Applied Science (Radiation Therapy) PH60 students must complete 4 units from the list below totalling 48 credit points. To complete the Graduate Diploma of Applied Science (Radiation Therapy) PH71 students must complete units from the list below totalling 96 credit points.

Stage 1

First Semester

PCN187	Specialist Studies
PCN118	CT Simulation in Radiation Therapy

PCB595 Computer Assisted Treatment Planning 2²
Elective³

Either:

IFN301 Masters Research
OR

IFN302 Masters Research

Second Semester

PCN187 Specialist Studies

PCN218 Research Methodology & Professional
Studies

PCB682 Magnetic Resonance Imaging
Elective³

Either:

IFN301 Masters Research
OR

IFN302 Master Research

Summer Program

PCN187 Specialist Studies
Elective³

Stage 2 [ALL MAJORS]

Project Over One Semester or Summer Program

PCN520

Project Over Two Semesters

PCN540/1

PCN540/2

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 of Faculty. Any request for a further extension, or any request for an extension to a date later than six months after the original due date, shall be made in writing to the Academic Board. The Academic Board may grant the extension under such conditions as it may consider appropriate, or may award the student a Fail result in the project unit.

A student who has received a Fail result in the project unit may re-enrol in the unit only in exceptional circumstances and with the express permission of the Academic Board.

■ Master of Applied Science (Life Science) (LS80)

Location: Gardens Point campus

Course Duration: 1.5 years full-time, 3 years
part-time

Total Credit Points: 144

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Associate Professor Peter
Timms

² Students who have previously completed a degree program containing this unit or an equivalent unit are ineligible to enrol in this unit.

³ Elective(s) as approved by the course coordinator.

Entry Requirements

Applicants shall hold a Bachelor of Applied Science with a GPA of 5.0 (on a seven-point scale) or better in the appropriate discipline for which they are seeking admission.

Applicants may be required to attend an interview with the Head of School and/or course coordinator to establish suitability for entrance into the course.

Graduates of the Graduate Diploma in Biotechnology (LS70) with a GPA of 5.0 or better (on a seven-point scale) will be eligible for entry into the course with a credit for 96 credit points.

Applicants who do not hold the specific tertiary qualification required of normal entrants may be admitted upon successful completion of a qualifying program prescribed by the Head of School.

Special Course Requirements

Students should consult the course coordinator regarding their programs.

Students must select three disciplinary specialisation elective units.

For part-time students, the project (dissertation) is normally carried out in the employers laboratory. The employers written permission is required.

Continuing Students

Students who are part way through their course have a right to continue the course structure which they initially enrolled in. However, we would encourage you to consider choosing units from the new course structure which is designed to offer more up-to-date information and to be more relevant to current employment opportunities.

Note: This course commences in February and July.

Full-time Structure

Year 1, Semester 1

LSN150 Ethics & Life Sciences

LSP127 Business Aspects of Biotechnology

Select two elective units from the following:

BSN408 Business & the International Environment

GSN408 Marketing Management 1

GSN418 Marketing Management 2

JSN014 Law, Justice & New Genetic Technologies

LSP130 Diagnostic 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

Year 2, Semester 1

LSN710 Research Project

Part-time Course Structure

Year 1, Semester 1

LSN150 Ethics & Life Sciences

Select an elective unit shown under Year 1, Semester 1 above

Year 1, Semester 2

LSB637 Molecular Genetics

Select an elective unit shown under Year 1, Semester 2 above

Year 2, Semester 1

LSP127 Business Aspects of Biotechnology

Select an elective unit shown under Year 1, Semester 1 above

Year 2, Semester 2

LSN102 Cellular Basis of Disease

Select an elective unit shown under Year 1, Semester 2 above

Year 3, Semester 1

LSN711 Research Project

Year 3, Semester 2

MGN409 Introduction to Management

LSN712 Research Project

■ Graduate Diploma in Applied Science (SC71)

Location : Gardens Point campus

Course Duration: 1 year full-time, 2 years part-time

Total Credit Points: 96

Average Credit Points/Full-time Semester: 48

Course Coordinator: Dr Al Grenfell

Entry Requirement

Bachelor of Applied Science or equivalent.

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.

■ Graduate Diploma in Applied Science (Medical Physics)

Graduate Diploma in Applied Science (Medical Ultrasound)

Graduate Diploma in Applied Science (Medical Imaging)

Graduate Diploma in Applied Science (Radiation Therapy) (PH71)

For details see the section Course Requirements for Stage 1 of the Master of Applied Science (Medical Physics), (Medical Ultrasound), (Medical Imaging) and (Radiation Therapy) (PH80).

Entry directly to PH71 is available to applicants intending to complete the course requirements at graduate diploma level.

■ Graduate Diploma in Biotechnology (LS70)

Location: Gardens Point campus

Course Duration: 1 year full-time, 2 years part-time

Total Credit Points: 96

Standard Credit Points:

Part-time Semester: 24

Full-time Semester: 48

Course Coordinator: Associate Professor Peter Timms

Entry Requirements

To be eligible for admission students should normally possess a Bachelors degree (eg science, applied science, biochemistry, microbiology, biology, biotechnology, genetics) with an understanding of current biochemistry and biotechnology at the undergraduate level.

QUT offers several undergraduate units (eg LSB468 Molecular Biology and LSB537 Genetic Engineering) and students wishing to upgrade to the level necessary to enter the course could complete these undergraduate units prior to commencing the course.

Note: This course commences in February and July.

Continuing Students

Students who are part way through their course (or the LS71 course) may continue with the course structure that they initially enrolled in. However, students are encouraged to consider choosing units from the new course structure which is designed to offer more up-to-date information and to be more relevant to current employment opportunities.

Full-time Course Structure

Year 1, Semester 1

LSP127 Business Aspects of Biotechnology

Select three elective units from the following:

BSN408 Business & the International Environment

GSN408 Marketing Management 1

GSN418 Marketing Management 2

JSN014 Law, Justice & New Genetic Technologies

LSN150 Ethics & Life Sciences

LSP130 Diagnostic Technologies

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

LSN102 Cellular Basis of Disease

MGN409 Introduction to Management

Part-time Course Structure

Year 1, Semester 1

LSP127 Business Aspects of Biotechnology

Select an elective unit shown under Year 1, Semester 1 above

Year 1, Semester 2

LSB607 Protein Purification

Select an elective unit shown under Year 1, Semester 2 above

Year 2, Semester 1

Select two elective units shown under Year 1, Semester 1 above

Year 2, Semester 2

LSB637 Molecular Genetics

Select two elective units shown under Year 1, Semester 2 above.

■ Graduate Certificate in Applied Science (Medical Imaging)

Graduate Certificate in Applied Science (Radiation Therapy) (PH60)

For details see the section Course Requirements for Stage 1 of the Master of Applied Science (Medical

Physics), (Medical Ultrasound), (Medical Imaging) and (Radiation Therapy) (PH80).

■ Bachelor of Applied Science (Honours) (SC60)

With majors in: Chemistry, Geology, Ecology, Environmental Science, Life Science, Mathematics, and Physics.

Location: Gardens Point campus

Course Duration: 1 year full-time, 2 years part-time

Total Credit Points: 96

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr Al Grenfell

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.

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.

Majors	Project (credit points)	Coursework (credit points)
Chemistry; Ecology; Environmental Science; Geology; Life Science; Physics	60	36
Mathematics	36	60

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.

CHEMISTRY MAJOR

Semester 1

PCB700/1 Research Project
PCB700/2 Research Project
PCB780/1 Advanced Topics in Chemistry 1
PCB742 Elective Studies

Semester 2

PCB700/3 Research Project
PCB700/4 Research Project
PCB700/5 Research Project
PCB780/2 Advanced Topics in Chemistry 1

GEOLOGY, ECOLOGY, ENVIRONMENTAL SCIENCE MAJOR

Semester 1

NRB720/1 Project
NRB720/2 Project
NRB730/1 Research Methods & Strategies
NRB735 Advanced Studies in Resource Sciences

Semester 2

NRB730/2 Research Methods & Strategies
NRB720/3 Project
NRB720/4 Project
NRB720/5 Project

LIFE SCIENCE MAJOR

Semester 1

LSB850/1 Research Strategies
LSB851/1 Readings in Life Science
LSB852/1 Project

Semester 2

LSB850/2 Research Strategies
LSB851/2 Readings in Life Science
LSB852/2 Project

MATHEMATICS MAJOR

Semester 1

MAB787/1 Project
36 credit points of elective units selected from the list below⁶

Semester 2

MAB787/2 Project
MAB787/3 Project
24 credit points units selected from the list below⁶

Elective List (Mathematics)

60 credit points to be selected

MAB717 Minor Project
MAB761 Analysis 4
MAB762 Perturbation Methods & Field Theory 4
MAB763 Fluid & Solid Dynamics 4
MAB764 Computation & Modelling 4
MAB765 Inference & Applications 4
MAB766 Applied Time Series Analysis 4
MAB767 Applied Statistics & Consulting 4
MAB768 Advanced Techniques in Operations Research 4
MAB769 Mathematics of Finance 4
MAB770 Industrial Mathematics 4
ITB548 Introduction to Cryptology
ITB549 Error Control & Data Compression
ITN556 Advanced Topics in Cryptology

PHYSICS MAJOR

Semester 1

PCB700/1 Research Project
PCB700/2 Research Project
Elective
Elective

Semester 2

PCB700/3 Research Project
PCB700/4 Research Project
PCB700/5 Research Project
Elective

Physics Elective Units

PCB706 Quantum Mechanics
PCB707 Advanced Materials
PCB708 Advanced Topics in Physics
PCN112 Medical Imaging Science
PCN113 Radiation Physics
PCN114 Microprocessors & Instrumentation
PCN211 Medical Imaging
PCN212 Radiotherapy
PCN214 Health & Occupational Physics

Other units may be chosen in consultation with the course coordinator.

■ Bachelor of Applied Science (SC01)

With majors in Biochemistry, Biotechnology, Chemistry, Corporate Mathematics, Ecology, Environmental Science, Geoscience, Mathematics, Microbiology, Physics.

Location: Gardens Point campus

⁶ 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.

Course Duration: 3 years full-time, 6 years part-time

Total Credit Points: 288 (minimum)

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr Neville Bofinger

Major Coordinators:

Biochemistry: Dr Alex Anderson

Biotechnology: Dr Ron Epping

Chemistry: Dr Dennis Arnold

Corporate Mathematics: Mr Ian Ogle

Ecology: Dr Ian Williamson

Environmental Science: Mr Graham Kimber

Geoscience: Mr David O'Connell

Mathematics: Dr Jack Wrigley

Microbiology: Ms Megan Hargreaves

Physics: Dr Bruce Cornish

Course Structure and Requirements

To fulfil the requirements for the award of the Bachelor of Applied Science degree, a student must complete a total of 288 credit points, comprising at least 192 credit points in units offered by the Faculty of Science. All units in the SC01 course are 12 credit points in value and one semester in length.

The course is offered internally over six semesters of full-time study or its part-time equivalent. A student may enrol as either a full-time student or a part-time student.

The course is structured such that the units studied by a student must comprise:

- at least six (6) faculty core units, including at least 3 from List A and at least 3 from List B (Schedule 1) (This represents a total of 72 credit points.)

AND

- a major, comprising 96 credit points at advanced level and including at least 48 credit points at third level, in one of the following discipline areas: biochemistry; biotechnology; chemistry; corporate mathematics; ecology; environmental science; geoscience; mathematics; microbiology; physics

AND

- (i) a comajor, comprising 72 credit points at advanced level in one of the following areas: astrophysics; applied geology; biodiversity; biomolecular science; forensic science; industrial chemistry; medical and health physics;

OR

- (ii) a comajor, comprising 72 credit points at advanced level drawn from a major other

than that selected in (b) above

OR

- (iii) an approved group of units comprising 72 credit points at advanced level in any area of study in the University

AND

- (d) (i) a minor, comprising 48 credit points of coherent units in any area of study in the University

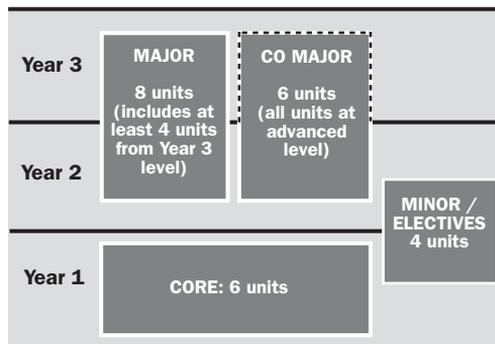
OR

- (ii) 48 credit points of elective units

In selecting units for the comajor (or approved group of units) in (c) and for the minor (or 48 credit points of elective units) in (d), it is emphasised that the total number of credit points completed outside the Faculty of Science must not exceed 96.

The following diagram illustrates the course structure:

Course Structure



Total number of units required = 24

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:

- 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
- a major study
- a comajor study (or group of units constituting 72 credit points at advanced level in any approved area of study in the University).

Major and comajor studies are defined in terms of the discipline area and the academic level at which the units are offered.

A *major* must be completed in one of the following discipline areas: biochemistry; biotechnology; chemistry; corporate mathematics; 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 (subject to approval); biodiversity; biomolecular science; 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) SC01 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 enrolls in an average of 48 credit points per semester for six semesters and a part-time student normally enrolls in 24 credit points per semester for 12 semesters. (A full-time student is one who is enrolled in 36 or more credit points per semester, whereas a part-time student is one who is enrolled in less than 36 credit points per semester.)
5. All commencing and certain continuing students 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 years 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 Cooperative Education Coordinator, apply to undertake the Cooperative Education 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 cooperative education placement, the student resumes formal studies.

7. The Dean's Scholars Program operates with the BAppSc course SC01. It provides an enriched course of study to students who obtain high levels of achievement. At the same time it offers an accelerated pathway by which students who are accepted into the program directly from Secondary School studies are able to complete the BAppSc course in two years.

Dean's Scholars who gain entry to the program on the basis of Secondary School studies can complete the BAppSc degree in two years. The reduction in time is achieved through the combination of (a) a preparatory program of 48 credit points, which incorporates the summer term as an intensive bridging theoretical and practical stage of 24 credit points (unit SCB301) that articulates to an individual tutorial program of 24 credit points extending across Semester 1 (unit SCB302), and (b) a research-oriented overload of one dedicated Dean's Scholars program unit in each of Semesters 2, 3, & 4, of 12, 24, & 12 credit points respectively (units SCB401, SCB501, and SCB601).

Students who commence the SC01 course in normal mode (faculty core program in their first year) and achieve a GPA 6.5 over their first 96 credit points of study will be eligible to apply for entry to the Dean's Scholars program in the second year of their course. Since an overload would be unnecessary for these students, the Dean's Scholars units undertaken in their final three semesters (units SCB401, SCB501, and SCB601) represent a minor that enriches their course with a research component promoting progression to honours.

Dean's Scholars who undertake the acceleration and enrichment are required to complete the same number of credit points from advanced level units in majors/comajors as other students in the SC01 course. This allows both a major and a comajor to be studied in science disciplines. Students who follow this pathway will therefore suffer no disadvantage with regard to professional accreditation in their chosen discipline area.

The number of students entering the Dean's Scholars program will be determined by the Dean of Faculty and senior academic staff of the Faculty of Science. In 2001 the quota will be 15 full-time students.

Only high-achieving students will be eligible to enter the program directly. The entry requirement for

QTAC applicants is a Years 11-12 exit assessment that includes at least TWO very high achievements over four semesters and ONE high achievement over four semesters in any three of the Senior science subjects: Biological Science; Chemistry; Earth Science; Mathematics B; Mathematics C; Physics. Applicants to the Dean's Scholars program will be required to attend a personal interview.

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)

General Requirements for Majors

The units referred to in the general requirements for majors are listed in Schedules 1, 2, and 3.

BIOCHEMISTRY

Coordinator: Dr Alex Anderson

First Level

(a) Core requirements in accordance with the SC01 course rules

(b) Mandatory units:

LSB118	Life Science
LSB238	Cell Biology
NRB270	Animal & Plant Structure & Function
PCB142	Chemistry 1
PCB242	Chemistry 2

(c) Recommended units:

MAB101	Statistical Data Analysis 1
PCB101	Physical Science

Second and Third Levels

(a) 96 credit points of Biochemistry units including 48 credit points from Level 3

(b) Mandatory units:

LSB308	Biochemistry
LSB408	Metabolism
LSB508	Advanced Metabolism
LSB608	Protein Science

BIOTECHNOLOGY

Coordinator: Dr Ron Epping

First Level

(a) Core requirements in accordance with the SC01 course rules

(b) Mandatory units:

LSB118	Life Science
LSB238	Cell & Molecular Biology 1
NRB270	Animal & Plant Structure & Function
PCB142	Chemistry 1
PCB242	Chemistry 2

(c) Recommended units:

MAB101	Statistical Data Analysis 1
PCB101	Physical Science

Second and Third Levels

(a) 96 credit points of Biotechnology units including 48 credit points from Level 3

(b) Mandatory units:

LSB308	Biochemistry
LSB338	Cell & Molecular Biology 2
LSB408	Metabolism
	OR
LSB497	Plant Molecular Biology
LSB468	Molecular Biology
LSB537	Genetic Engineering

(c) Two streams exist within the Biotechnology strand: Medical Biotechnology and Plant Biotechnology. Four appropriate second and third year units must be undertaken in conjunction with the mandatory units specified above.

CHEMISTRY

Coordinator: Dr Dennis Arnold

First Level

(a) Core requirements in accordance with the SC01 course rules

(b) Mandatory units:

MAB100	Mathematical Sciences 1A
MAB101	Statistical Data Analysis 1
PCB101	Physical Science
PCB142	Chemistry 1
PCB242	Chemistry 2

(c) Recommended units:

PCB260	Physics 1A
	OR
PCB250	Physics 1
ITB843	Computing Applications

Second and Third Levels

(a) 96 credit points of Chemistry units including 48 credit points from Level 3

(b) Mandatory units:

PCB305	Principles of Physical Chemistry
PCB354	Structure & Mechanism in Organic Chemistry

PCB434	Inorganic Chemistry
PCB444	Spectroscopy
PCB505	Advanced Physical Chemistry
PCB554	Synthesis & Reactivity in Organic Chemistry
PCB634	Organometallic & Coordination Chemistry
PCB644	Frontiers in Chemistry

CORPORATE MATHEMATICS

Coordinator: Mr Ian Ogle

First Level

(a) Core requirements in accordance with the SC01 course rules

(b) Mandatory units:

MAB100	Mathematical Sciences 1A ⁷
MAB101	Statistical Data Analysis 1
MAB111	Mathematical Sciences 1B
MAB112	Mathematical Sciences 1C
MAB210	Statistical Modelling 1

Second and Third Levels

96 credit points of Corporate Mathematics units including 48 credit points from Level 3

ECOLOGY

Coordinator: Dr Ian Williamson

First Level

(a) Core requirements in accordance with the SC01 course rules

(b) Mandatory units:

LSB118	Life Science
NRB100	Environmental Science
MAB101	Statistical Data Analysis 1
PCB101	Physical Science

(c) Recommended units:

NRB270	Animal & Plant Structure & Function
LSB238	Cell & Molecular Biology 1

Second and Third Levels

(a) 96 credit points of Ecology units including 48 credit points from Level 3

(b) Mandatory units:

NRB311	Population Ecology
NRB312	Experimental Design
NRB410	Genetics
NRB411	Ecological Methods
NRB510	Population Genetics
NRB511	Population Management
NRB611	Conservation Biology

(c) Recommended unit:

NRB610	Applied Ecology
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ENVIRONMENTAL SCIENCE

This 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.

Coordinator: Mr Graham Kimber

First Level

(a) 8 units (96 credit points), at least 3 from List A and at least 3 from List B

(b) Mandatory unit:

NRB100	Environmental Science
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(c) Recommended units:

MAB101	Statistical Data Analysis
NRB200	Environment of South East Queensland

The remaining units should be chosen according to one of the following strands of environmental science. Suggested combinations are:

Chemistry Strand

MAB100	Mathematical Sciences 1A
PCB101	Physical Science
PCB142	Chemistry 1
PCB242	Chemistry 2

Ecology Strand

LSB118	Life Science
LSB238	Cell & Molecular Biology 1
MAB101	Statistical Data Analysis (Mandatory)
NRB270	Animal & Plant Structure & Function
PCB101	Physical Science

Elective:

ITB843	Computing Applications
MAB100	Mathematical Sciences 1A
PCB142	Chemistry 1

Geoscience Strand

MAB100	Mathematical Sciences 1A
MAB111	Mathematical Sciences 1B
NRB230	Planet Earth
PCB101	Physical Science
PCB142	Chemistry 1

Elective:

ITB843	Computing Applications
PCB250	Physics 1

Physics Strand

MAB131	Engineering Mathematics 1A OR
MAB180	Engineering Mathematics 1 ⁷
MAB132	Engineering Mathematics 1B
PCB250	Physics
PCB260	Physics 1A

Second and Third Levels

(a) 96 credit points of approved advanced level units including 48 credit points from Level 3

⁷ For students without a grade of SA or better in at least three semesters of Senior Mathematics C.

- (b) **Mandatory units:**
 NRB300 Environmental Monitoring
 NRB400 Environmental Systems
 NRB500 Environmental Modelling
 NRB600 Issues in Resource Management

(c) Remaining units are from science selected to complement the major.

Combinations of the remaining four units for the different strands are:

Chemistry Strand

- NRB440 Environmental Chemistry
 NRB640 Physical Chemistry of the Environment
 PCB414 Industrial & Environmental Analytical Chemistry
 PCB514 Instrumental Analysis

Ecology Strand

Any four units selected from the Ecology major and the Biodiversity comajor.

Geoscience Strand

- NRB331 Sedimentary Geology (corequisite NRB333 Mineralogy)
 NRB332 Environmental Geoscience
 NRB440 Environmental Chemistry
 NRB633 Hydrogeology

Physics Strand

- MAB134 Electrical Engineering Mathematics 3
 NRB332 Environmental Geoscience
 NRB660 Studies in Natural Resource Sciences
 PCB404 Scientific Principles of Safety

GEOSCIENCE

Coordinator: Mr David O'Connell

First Level

(a) Core requirements in accordance with the SC01 course rules

(b) **Mandatory units:**

- MAB100 Mathematical Sciences 1A
 NRB230 Planet Earth
 PCB142 Chemistry 1

(c) **Recommended units:**

- MAB101 Statistical Data Analysis 1
 MAB111 Mathematical Sciences 1B
 NRB200 The Environment of SE Queensland
 PCB101 Physical Science
 PCB242 Chemistry 2
 PCB250 Physics 1
 ITB843 Computing Applications

Second and Third Levels

(a) 96 credit points of Geoscience units including 48 credit points from Level 3

(b) **Mandatory units:**

- NRB330 Structural Geology
 NRB331 Sedimentary Geology

- NRB333 Mineralogy
 NRB431 Geological Field Methods

MATHEMATICS

Coordinator: Dr Jack Wrigley

First Level

(a) Core requirements in accordance with the SC01 course rules

(b) **Mandatory units:**

- MAB100 Mathematical Sciences 1A⁷
 MAB101 Statistical Data Analysis 1
 MAB111 Mathematical Sciences 1B
 MAB112 Mathematical Sciences 1C
 MAB210 Statistical Modelling 1
 MAB220 Computational Mathematics 1

Second and Third Levels

(a) 96 credit points of Mathematical Sciences units including 48 credit points from Level 3

(b) **Mandatory units:**

- At least one of the following:
 MAB311 Advanced Calculus
 MAB312 Linear Algebra
 MAB413 Differential Equations

MICROBIOLOGY

Coordinator: Ms Megan Hargreaves

First Level

(a) Core requirements in accordance with the SC01 course rules

(b) **Mandatory units:**

- LSB118 Life Science
 NRB270 Animal & Plant Structure & Function
 LSB238 Cell & Molecular Biology 1
 PCB142 Chemistry 1
 PCB242 Chemistry 2

(c) **Recommended units:**

- MAB101 Statistical Data Analysis 1
 PCB101 Physical Science

Second and Third Levels

(a) 96 credit points of Microbiology units including 48 credit points from Level 3

(b) **Mandatory units:**

- LSB308 Biochemistry
 LSB328 Microbiology 1
 LSB408 Metabolism
 LSB428 Microbiology 2

PHYSICS

Coordinator: Dr Bruce Cornish

First Level

(a) Core requirements in accordance with the SC01 course rules

⁷ For students without a grade of SA or better in at least three semesters of Senior Mathematics C.

(b) Mandatory units:

Either:

- MAB131 Engineering Mathematics 1A
OR
MAB180 Engineering Mathematics 1⁷
and
MAB132 Engineering Mathematics 1B
OR
MAB100 Mathematical Sciences 1A⁷
and
MAB111 Mathematical Sciences 1B
and
MAB112 Mathematical Sciences 1C
PCB250 Physics 1
PCB260 Physics 1A

(c) Recommended units:

- ITB843 Computing Applications
PCB107 Physics & Quantitative Techniques
PCB260 Physics 1A

Second and Third Levels

(a) 96 credit points of Physics units including 48 credit points from Level 3

(b) Mandatory units:

- MAB134 Electrical Engineering Mathematics 3
PCB362 Physics 2
PCB361 AC Theory & Electronics
PCB460 Instrumentation & Computational Methods
PCB462 Thermodynamics & Solid State Physics
PCB561 Quantum & Condensed Matter Physics
PCB562 Physical Methods of Analysis
PCB661 Experimental Physics
PCB665 Physics 3

General Requirements for Science Comajors

The general requirement is 72 credit points of units at advanced level in the relevant comajor in accordance with the SC01 course rules. Mandatory units at advanced level are indicated below.

Advanced Level Mandatory Units for Science Comajors

Applied Geology

- NRB330 Structural Geology
Plus 5 approved Geology units

Astrophysics

(this co-major is offered subject to final approval)

- PCB469 Astrophysics 1
PCB562 Physical Methods of Analysis
PCB593 Digital Image Processing
PCB669 Astrophysics 2

Biochemistry

- LSB308 Biochemistry
LSB408 Metabolism
LSB508 Advanced Metabolism
LSB608 Protein Science

Biodiversity

Six units from:

- LSB397 Plant Physiology 1
NRB370 Invertebrate Biology
NRB371 Plant Biology
NRB470 Chordate Biology
NRB570 Evolution of Australian Biota
NRB571 Marine Biology
NRB670 Australian Biodiversity

Biomolecular Science

Six approved units chosen from the Biochemistry, Biotechnology & Microbiology majors.

Biotechnology

- LSB308 Biochemistry
LSB338 Cell & Molecular Biology 2
LSB408 Metabolism
OR
LSB497 Plant Molecular Biology
LSB468 Molecular Biology
LSB537 Genetic Engineering

Chemistry

Six of the mandatory units in the Chemistry major.

Corporate Mathematics

Six of the mandatory units in the Corporate Mathematics major.

Ecology

Six of the mandatory units in the Ecology major.

Environmental Science

This 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.

- NRB300 Environmental Monitoring
NRB400 Environmental Systems
NRB500 Environmental Modelling
NRB600 Issues in Resource Management

Forensic Science

- JSB444 Evidence & Investigation for Forensic Scientists
LSB338 Cell & Molecular Biology 2
PCB414 Industrial & Environmental Analytical Chemistry
PCB514 Instrumental Analysis
PCB584 Forensic Examination of Physical Evidence
PCB684 Forensic Analysis & Toxicology

Industrial Chemistry

- PCB314 Concepts in Analytical Chemistry
PCB414 Industrial & Environmental Analytical Chemistry
PCB424 Process Principles
PCB514 Instrumental Analysis
PCB524 Unit Operations
PCB624 Chemistry in Industry & Technology

Medical & Health Physics

- PCB404 Scientific Principles of Safety
OR
PCB593 Digital Image Processing

⁷ For students without a grade of SA or better in at least three semesters of Senior Mathematics C.

PCB548	Medical Physics
PCB648	Applied Radiation & Health Physics

Geoscience

NRB330	Structural Geology
NRB333	Mineralogy
NRB431	Geological Field Methods

Mathematics

At least one of the following:

MAB311	Advanced Calculus
MAB312	Linear Algebra
MAB413	Differential Equations

Microbiology

LSB328	Microbiology 1
LSB428	Microbiology 2

Physics

MAB134	Electrical Engineering Mathematics 3
PCB362	Physics 2
PCB361	AC Theory & Electronics
PCB460	Instrumentation & Computational Methods
PCB462	Thermodynamics & Solid State Physics

SCHEDULE OF UNITS (SC01)

Schedule 1: Core Units

List A (at least three required)

LSB118	Life Science
MAB101	Statistical Data Analysis 1
NRB100	Environmental Science
PCB101	Physical Science

List B (at least three required)

NRB270	Animal & Plant Structure & Function
LSB238	Cell & Molecular Biology 1
MAB100	Mathematical Sciences 1A
MAB111	Mathematical Sciences 1B
MAB112	Mathematical Sciences 1C
NRB200	The Environment of SE Queensland
NRB230	Planet Earth
PCB142	Chemistry 1
PCB242	Chemistry 2
PCB250	Physics 1
PCB260	Physics 1A

Note:

- Students in a Mathematics major may replace units in Lists A and B with MAB210, MAB220 or any approved computing unit.
- Students in a physics major must replace MAB101 with MAB131 or MAB180; and MAB112 with MAB132.

Schedule 1: Level 1 Units

LSB142	Anatomy & Physiology
MAB105	Preparatory Mathematics
PCB107	Physics & Quantitative Techniques
PCB150	Physics 1H
SCB202	Science, Technology & Society
SCB222	Exploration of the Universe

SCHEDULE OF UNITS: LEVEL 2 UNITS

Note: Where the abbreviation for a major or comajor is highlighted by superscript 8 for a given unit in

Schedules 2 and 3, that unit is mandatory for the major or comajor indicated.

Abbreviations for majors and comajors referred to in Schedules 2 and 3:

AG	Applied Geology
AP	Astrophysics*
BC	Biochemistry
BD	Biodiversity
BM	Biomolecular Science
BT	Biotechnology
CH	Chemistry
CM	Corporate Mathematics
EC	Ecology
ES	Environmental Science
FS	Forensic Science
GS	Geoscience
IC	Industrial Chemistry
MB	Microbiology
MH	Medical and Health Physics
MT	Mathematical Sciences
PH	Physics

* subject to final approval.

JSB444	Evidence & Investigation for Forensic Scientists – FS ⁸
LSB308	Biochemistry – BC ⁸ , BT ⁸ , MB ⁸ , BM
LSB328	Microbiology 1 – BC, BT, MB ⁸ , BM
LSB338	Cell & Molecular Biology 2 – BC, BT ⁸ , MB, FS ⁸ , BM
LSB358	Physiology 1 – BC, BT, MB, BM
LSB397	Plant Physiology 1 – BD ⁸ , BT, ES, BM
LSB408	Metabolism – BC ⁸ , BT ⁸ , MB ⁸ , BM
LSB428	Microbiology 2 – BC, BT, MB ⁸ , BM
LSB438	Immunology 1 – BC, BT, MB, BM
LSB458	Physiology 2 – BC, BT, MB, BM
LSB468	Molecular Biology – BC, BT ⁸ , MB, BM
LSB497	Plant Molecular Biology – BT ⁸ , BM
MAB134	Electrical Engineering Mathematics 3 – PH ⁸ , MH ⁸
MAB311	Advanced Calculus – MS
MAB312	Linear Algebra – MS
MAB313	Mathematics of Finance – CM, MS
MAB314	Statistical Modelling 2 – CM, MS
MAB315	Operations Research 2 – CM, MS
MAB413	Differential Equations – MS
MAB414	Applied Statistics 2 – CM, MS
MAB420	Computational Mathematics 2 – MS
MAB422	Mathematical Modelling – CM, MS, MH
MAB440	Industry Project (planning stage) – CM, MS
MMB131	Engineering Materials MH
MMB292	Biomaterials – MH
NRB300	Environmental Monitoring – ES ⁸
NRB311	Population Ecology – EC ⁸
NRB312	Experimental Design – BC, BT, EC ⁸ , MB, BM
NRB330	Structural Geology – AG ⁸ , GS ⁸
NRB331	Sedimentary Geology – AG, GS ⁸ , ES
NRB332	Environmental Geoscience – AG, ES, GS
NRB333	Mineralogy – GS ⁸ , AG
NRB370	Invertebrate Biology – BD ⁸ , ES

NRB371	Plant Biology – BD ⁸ , ES, BT	LSB698	Molecular Pathogenesis 2 – BC, BM, BT, MB
NRB400	Environmental Systems – ES ⁸	MAB521	Applied Mathematics 3 – MS
NRB410	Genetics – BC, BT, EC ⁸ , MB, BM	MAB522	Computational Mathematics 3 – MS
NRB411	Ecological Methods – EC ⁸	MAB523	Introduction to Quality Management – CM, MS
NRB430	Mineral Deposits & Mine Geology – AG, GS	MAB524	Statistical Inference – MS
NRB431	Geological Field Methods – GS ⁸ , AG	MAB525	Operations Research 3A – CM, MS
NRB432	Lithology & Petrography – GS, AG	MAB526	Statistical Science 3 – MS
NRB433	Geophysics – AG	MAB613	Partial Differential Equations – MS
NRB440	Environmental Chemistry – AG, ES	MAB621	Discrete Mathematics – CM, MS
NRB470	Chordate Biology – BD ⁸	MAB623	Financial Mathematics – CM, MS
OPB351	Visual Science 3 – MH	MAB624	Applied Statistics 3 – CM, MS
OPB451	Visual Science 4 – MH	MAB625	Operations Research 3B – CM, MS
PCB305	Principles of Physical Chemistry – CH ⁸ , ES	MAB640	Industry Project – CM, MS
PCB314	Concepts in Analytical Chemistry – ES, IC ⁸	MAB672	Advanced Mathematical Modelling – CM, MS
PCB340	Optics 2 – MH	NRB500	Environmental Modelling – ES ⁸
PCB354	Structure & Mechanism in Organic Chemistry – CH ⁸	NRB501	Mapping & Modelling of Natural Resource Data
PCB361	AC Theory & Electronics – PH ⁸	NRB510	Population Genetics – EC ⁸
PCB362	Physics 2 – PH ⁸	NRB511	Population Management – EC ⁸
PCB404	Scientific Principles of Safety – ES, MH ⁸	NRB530	Metamorphic Petrology & Plastic Deformation – AG, GS
PCB414	Industrial & Environmental Analytical Chemistry – ES, FS ⁸ , IC ⁸	NRB531	Sedimentology & Basin Analysis – AG, GS
PCB424	Process Principles – IC ⁸	NRB532	Ore Genesis – AG, GS
PCB434	Inorganic Chemistry – CH ⁸	NRB533	Advanced Geological Mapping – AG, GS
PCB444	Spectroscopy – CH ⁸	NRB570	Evolution of Australian Biota – BD ⁸
PCB460	Instrumentation & Computational Methods – PH ⁶	NRB571	Marine Biology – BT, EC
PCB462	Thermodynamics & Solid State Physics – PH ⁸	NRB600	Issues in Resource Management – ES ⁸
PCB469	Astrophysics 1	NRB610	Applied Ecology – EC
SCB301	Science for Dean's Scholars	NRB611	Conservation Biology EC ⁸
SCB302	Tutorial Program for Dean's Scholars	NRB630	Exploration Geoscience – AG, ES, GS
SCB401	Research Methods for Dean's Scholars	NRB631	Fossil Fuel Geology – AG, ES, GS
SCB402	Earth Resources Management	NRB633	Hydrogeology – AG, ES, GS
		NRB634	Igneous Petrology & Petrochemistry – AG, GS ⁸
		NRB640	Physical Chemistry of the Environment – ES
		NRB660	Studies in Natural Resource Sciences – AG, ES, GS
		NRB670	Australian Biodiversity – BD ⁸
		PCB505	Advanced Physical Chemistry – CH ⁸
		PCB514	Instrumental Analysis – IC ⁸ , FS ⁸
		PCB524	Unit Operations – IC ⁸
		PCB548	Medical Physics – MH ⁸
		PCB554	Synthesis & Reactivity in Organic Chemistry – CH ⁸
		PCB561	Quantum & Condensed Matter Physics – PH ⁸
		PCB562	Physical Methods of Analysis – PH
		PCB584	Forensic Examination of Physical Evidence – FS ⁸
		PCB593	Digital Image Processing – MH ⁸
		PCB604	Project – CH, FS, IC
		PCB614	Materials Analysis – IC
		PCB624	Chemistry in Industry & Technology – IC ⁸
		PCB634	Organometallic & Coordination Chemistry – CH ⁸
		PCB644	Frontiers in Chemistry – CH ⁸
		PCB648	Applied Radiation & Health Physics – ES, MH ⁸

SCHEDULE OF UNITS: LEVEL 3 UNITS

LSB508	Advanced Metabolism – BC ⁸ , BM, MB
LSB517	Plant Biotechnology 1 – BT, BM
LSB527	Biomedical Research Technologies – BC ⁸ , BM, MB
LSB528	Environmental Microbiology – BC, BM, MB
LSB537	Genetic Engineering – BC, BM, BT ⁸ , MB
LSB547	Bacterial Pathogenesis – BC, BM, BT, MB
LSB558	Advanced Physiology – BC, BM, MB
LSB567	Immunology 2 – BC, BM, BT, MB
LSB568	Electron Microscopy – BC, BM, MB
LSB578	Virology – BC, BM, BT, MB
LSB598	Molecular Pathogenesis 1 – BC, BM, BT, MB
LSB607	Protein Purification – BC ⁸ , BM, BT, MB
LSB608	Protein Science – BC ⁸ , BM, BT, MB
LSB628	Food Microbiology – BC, BM, MB
LSB637	Molecular Genetics – BC, BM, BT, MB
LSB647	Clinical Mycology & Parasitology – BC, BM, MB
LSB648	Molecular Microbiology – BC, MB, BM
LSB657	Perspectives in Life Science – BC, BM, BT, MB
LSB658	Clinical Physiology – BC, BM, MB
LSB697	Plant Biotechnology 2 – BM, BT

⁸ The unit is mandatory for the major or comajor indicated.

PCB660	Quantum & Condensed Matter Physics – PH ⁸
PCB661	Experimental Physics – MH, PH ⁸
PCB665	Physics 3 – MH, PH ⁸
PCB669	Astrophysics 2
PCB684	Forensic Analysis & Toxicology – FS ⁸
SCB501	Research Project for Dean's Scholars
SCB601	Perspectives in Science

Cooperative Education 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 Cooperative Education Program Coordinator, undertake the Cooperative Education 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.

■ Bachelor of Applied Science (SC30)

With majors in: Biology, Biotechnology, Chemistry, Geology, Mathematics, Microbiology/ Biochemistry, and Physics.

Location: Gardens Point campus

Course Duration: 3 years full-time, 6 years part-time

Total Credit Points: 288

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr Neville Bofinger

This course has been discontinued. Continuing students in this course should enrol in units from the Bachelor of Applied Science (SC01) course, after discussion and advice from the course coordinator or strand coordinator of the SC01 course.

■ Bachelor of Applied Science (Applied Chemistry) (CH32)

Location: Gardens Point campus

Total Credit Points: 288 (minimum)

Course Coordinator: Dr Graham Smith

This course has been discontinued. Students completing units from the third year of this course should enrol in equivalent units from the Bachelor of Applied Science (SC01) course after discussion with the course coordinator or strand coordinator of the SC01 course.

■ Bachelor of Applied Science (Mathematics) (MA34)

Location: Gardens Point campus

Course Duration: 3 years full-time, 6 years part-time

Total Credit Points: 288

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr Jack Wrigley

Course Requirements

This course has been discontinued. Continuing students should enrol in units from the Bachelor of Applied Science (SC01) course after discussion with the course coordinator or strand coordinator of the SC01 course.

■ Bachelor of Applied Science (Medical Science) (LS37)

Location: Gardens Point campus

Course Duration: 3 years full-time, 6 years part-time

Total Credit Points: 288

Standard Credit Points/Full-time Semester: 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.

Full-time Course Structure

Year 1, Semester 1

LSB118	Life Science
MAB141	Mathematics & Statistics for Medical Science
PCB142	Chemistry 1
PCB150	Physics 1H

Year 1, Semester 2

LSB238	Cell & Molecular Biology 1
LSB250	Human Physiology
LSB255	Human Anatomy
PCB242	Chemistry 2

⁸ The unit is mandatory for the major or comajor indicated.

Year 2, Semester 1

LSB325	Biochemistry
LSB328	Microbiology
LSB338	Cell & 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	Microbiological Immunology
LSB555	Haematology 1
LSB565	Histopathology 2

Year 3, Semester 2

LSB625	Clinical Biochemistry 2
LSB635	Diagnostic Microbiology 2
LSB655	Haematology 2
LSB665	Immunohaematology

Part-time Course Structure (for commencing students)

Continuing students to consult with the course coordinator.

Year 1, Semester 1

LSB118	Life Science
MAB141	Mathematics & Statistics for Medical Science

Year 1, Semester 1

LSB250	Human Physiology
LSB255	Human Anatomy

Year 2, Semester 1

PCB142	Chemistry 1
PCB150	Physics 1H

Year 2, Semester 2

LSB238	Cell & Molecular Biology 1
PCB242	Chemistry 2

Year 3, Semester 1

LSB325	Biochemistry
LSB328	Microbiology

Year 3, Semester 2

LSB425	Quantitative Medical Science
LSB435	Diagnostic Microbiology 1

Year 4, Semester 1

LSB338	Cell & 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	Microbiological 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 (Medical Radiation Technology) (PH38)

With majors in: Medical Imaging Technology and Radiotherapy Technology

Location: Gardens Point campus

Course Duration: 3 years full-time

Total Credit Points: 288

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Ms Pam Rowntree

Coordinators:

Medical Imaging Technology: Ms Pam Rowntree

Radiotherapy Technology: Mrs Michelle Oppelaar

Full-time Course Structure for Commencing Students

Year 1, Semester 1

Common Units

LSB145	Anatomy 1 & Introductory Pathology
PCB007	Patient Care in Professional Practice
PCB107	Physics & Quantitative Techniques
PCB178	Principles of Medical Radiations

Year 1, Semester 2

Common Units

LSB245	Anatomy 2 & Introductory Pathology
PCB272	Radiation Physics

Medical Imaging Technology Major

PCB276	General Radiography 1
PCB277	Radiographic Practice

Radiotherapy Technology Major

PCB286	Treatment Planning 1
PCB287	Megavoltage Therapy 1

Year 2, Semester 1

Common Units

LSB321	Systematic Pathology
LSB345	Regional & Imaging Anatomy 1

Medical Imaging Technology Major

PCB375/1	Radiographic Equipment
PCB377	General Radiography 2
PCB379	Clinical Radiography 1

Radiotherapy Technology Major

PCB396/1	Radiotherapy Planning & Physics
PCB397	Megavoltage Therapy 2
PCB389	Clinical Radiotherapy 1

Year 2, Semester 2

Common Units

LSB445 Regional & Imaging Anatomy 2

Medical Imaging Technology Major

PCB375/2 Radiographic Equipment
PCB476 Special Procedures
PCB479 Clinical Radiography 2
PCB477 Complementary Imaging Techniques

Radiotherapy Technology Major

PCB396/2 Radiotherapy Planning & Physic
PCB497 Megavoltage Therapy 3
PCB489 Clinical Radiotherapy 2
PCB495 Computer Assisted Treatment Planning 1

Year 3, Semester 1

Common Units

PCB593 Digital Image Processing
PCB672/1 Project

Medical Imaging Technology Major

PCB567 Advanced Radiographic Technique 1
PCB580/1 Clinical Radiography 3
PCB681 Computed Tomography Imaging

Radiotherapy Technology Major

PCB587 Specialised Radiotherapy Technique 1
PCB590/1 Clinical Radiotherapy 3
PCB595 Computer Assisted Treatment Planning 2

Year 3, Semester 2

Common Units

PCB675 Radiation Safety & Quality Assurance
PCB672/2 Project

Medical Imaging Technology Major

PCB667 Advanced Radiographic Technique 2
PCB580/2 Clinical Radiography 3
PCB682 Magnetic Resonance Imaging

Radiotherapy Technology Major

PCB695 Advanced Treatment Planning Topics
PCB687 Specialised Radiotherapy Technique 2
PCB590/2 Clinical Radiotherapy 3

■ Bachelor of Biotechnology Innovation (LS50)

Location: Gardens Point campus

Course Duration: 3 years full-time accelerated mode; 4 years part-time non-accelerated mode

Total Credit Points: 384

Standard Credit Points/Full-time Semester: 48 average

Course Coordinator: Dr Chris Collet

Special Course Requirements

The accelerated mode of the course requires students to study three semesters per year.

Part-time Course Structure

The part-time is only available in the non-accelerated mode.

Full-time Course Structure (Accelerated mode)

Year 1, Semester 1

LSB118 Life Science
LSB328 Microbiology
MAB141 Mathematics & Statistics for Medical Science
PCB142 Chemistry 1

Year 1, Semester 2

LSB238 Cell & Molecular Biology 1
LSB258 Human Anatomy & Physiology
LSB397 Plant Physiology
PCB242 Chemistry 2

Year 1, Summer Program

BSB110 Accounting
BSB116 Marketing & International Business
BSB117 Professional Communication & Negotiation

Year 2, Semester 1

BSB115 Management, People & Organisations
LSB309 Introduction to Intellectual Property Law
LSB325 Biochemistry
LSB338 Cell & Molecular Biology 2
MIB307 Product Innovation & Market Development

Year 2, Semester 2

MGB218 Venture Skills
LSB409 Readings in Biotechnology
LSB468 Molecular Biology
LSB497 Plant Molecular Biology

Year 2, Summer Program

LSB709/1 Biotechnology Research Program
LSB709/2 Biotechnology Research Program
LSB709/3 Biotechnology Research Program

Year 3, Semester 1

BSB Business & Biotechnology
LSB509 Medical Biotechnology 1
LSB537 Genetic Engineering
LSB577 Plant Biotechnology 1

Year 3, Semester 2

BSB Research, Development & Commercialisation Strategies
LSB605 Protein Engineering & Bioprocessing
LSB609 Medical Biotechnology 2
LSB619 Genomics
LSB677 Plant Biotechnology 2

Full-time Course Structure (Non-accelerated mode)

Year 1, Semester 1

BSB117 Professional Communication & Negotiation
LSB118 Life Science
MAB141 Mathematics & Statistics for Medical Science
PCB142 Chemistry 1

Year 1, Semester 2

BSB115 Management, People & Organisation
LSB238 Cell & Molecular Biology 1
LSB258 Human Anatomy & Physiology
PCB242 Chemistry 2

Year 2, Semester 1

BSB110 Accounting
LSB325 Biochemistry
LSB328 Microbiology
LSB338 Cell & Molecular Biology 2

Year 2, Semester 2

BSB116 Marketing & International Business
LSB397 Plant Physiology
LSB468 Molecular Biology
LSB497 Plant Molecular Biology

Year 3, Semester 1

LSB509 Medical Biotechnology 1
LSB537 Genetic Engineering
LSB577 Plant Biotechnology 1
MIB307 Product Innovation & Market Development

Year 3, Semester 2

LSB605 Protein Engineering & Bioprocessing
LSB609 Medical Biotechnology 2
LSB619 Genomics
LSB677 Plant Biotechnology 2

Year 4, Semester 1

BSB Business & Biotechnology
LSB309 Introduction to Intellectual Property Law
LSB409 Readings in Biotechnology
MGB218 Venture Skills

Year 4, Semester 2

BSB Research, Development &
Commercialisation Strategies
LSB709/1 Biotechnology Research Project
LSB709/2 Biotechnology Research Project
LSB709/3 Biotechnology Research Project

■ Associate Degree in Applied Science (SC15)

With majors in: Chemistry and Medical Laboratory
Techniques

Location: Gardens Point campus

Total Credit Points: 192

Course Coordinators:

Chemistry: Dr Graham Smith

Medical Laboratory Techniques: Dr Trevor Forster

This course has been discontinued and students who still remain in the course should discuss their enrolment with the strand coordinator.



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OVERVIEW

QUT International College (QUTIC) provides a variety of programs primarily for international students who seek to bridge their studies to higher education courses at QUT and other Australian universities.

The International College is an integral part of QUT. It contributes to the internationalisation of the university through the delivery of University Entry Programs and English Language Programs which prepare international students for undergraduate and postgraduate study at QUT.

The College provides a variety of pathways to meet the varying needs of students. These include English Language, Foundation, Bridging, Certificate and Diploma 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.

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 (Asian Government), BA(Modern Asian Studies)

Administration Officer, English Language Programs: Ms M. McGrath, AssDip(Bus) *RMIT*.

COURSES

- University Diploma in Business (BS40)
- University Diploma in Information Technology (IT10)
- University Certificate in Health Studies (HL12)
- Foundation Programs
- Bridging Program
- General English
- English for Academic Purposes
- English for Business

COURSE STRUCTURES

UNIVERSITY ENTRY PROGRAMS

■ Diploma Programs

Students entering diploma programs require an English Language score of at least IELTS 5.5 or equivalent. Academic entry requirements depend on the country of origin. Students who have an IELTS score of 5.5 are required to undertake a parallel English program of up to 4 hours per week. This support unit carries no credit points.

University Diploma in Business (BS40)

Location: Kelvin Grove campus

Course Duration: 2 semesters full-time

Total Credit Points: 96

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Ms Elizabeth McDade, Director, QUT International College

Full-time Course Structure

Year 1, Semester 1

- BSD110 Accounting
- BSD114 Government, Business & Society
- BSD116 Marketing & International Business
- QCD105 Computing & Study Skills
- QCD110 Communication for Business 1¹

Year 1 Semester 2

- BSD112 Introduction to Electronic Commerce
- BSD113 Economics
- BSD115 Management, People & Organisations
- QCD210 Communication for Business 2

University Diploma in Information Technology (IT10)

Location: Kelvin Grove campus

Course Duration: 2 semesters full-time

Total Credit Points: 96

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Ms Elizabeth McDade, Director, QUT International College

¹ QCD110 Communication for Business 1 is a prerequisite for QCD210 Communication for Business 2.

Full-time Course Structure

Year 1, Semester 1

ITD225	Introduction to Databases
ITD410	Software Development 1 ²
ITD412	Technology of Information Systems
QCD105	Computing & Study Skills
QCD120	Communication for Information Technology 1 ³

Year 1, Semester 2

ITD107	Programming Laboratory
ITD411	Software Development 2
ITD510	Communications Networks
QCD220	Communication for Information Technology 2

■ Certificate Program

The University Certificate in Health Studies prepares international students for entry to the Bachelor of Nursing (Postregistration) (NS48) course. Students undertaking the Certificate program receive credit towards their degree course for those units where they have gained at least a grade of 4 (Pass).

Students must complete one semester in the University Certificate in Health Studies before progressing to the Bachelor of Nursing (Postregistration) NS48. A minimum grade of 4 (Pass) in Communication for Nursing (QCX101) is required to advance to NS48.

□ University Certificate in Health Studies (HL12)

Location: Kelvin Grove campus

Course Duration: 1 semester full-time

Total Credit Points: 48

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Ms Elizabeth McDade, Director, QUT International College

Full-time Course Structure

First Semester

NSX113	Values Culture & Nursing
PYX071	Introduction to Psychology & Health Care
HUX141	Social Science & Health Care
QCX101	Communication for Nursing

■ Foundation Programs

Programs are available to prepare international students for all faculties at QUT. They provide students who do not meet degree entry requirements with an opportunity to become eligible for entry into QUT faculties. A minimum English language score equivalent to IELTS 5.5 is required for entry.

There are three semesters per year. Students are required to complete one or two semesters depending on their English language level and academic results.

Those Foundation students who reach the required results for entry to a degree course, as specified by the relevant faculty, will be guaranteed a place in the degree program for which they have applied.

Foundation Programs offer units in the following areas:

Accounting
Applied Psychology
Australian Studies
Communication
Computing
Economics
Information Processing
Legal Studies
Life Science
Mathematics
Physical Sciences.

Individual programs are chosen in consultation with the Director of Studies and depend on the chosen degree course.

■ Bridging Program

This one semester program is designed for students who plan to study at QUT or at another tertiary institution in an undergraduate or postgraduate program and who may already meet minimum academic admission criteria for their selected course and have a minimum English score equivalent to IELTS 6.0. Students may need prerequisite subjects for entry to their QUT award course, or may wish to benefit from undertaking one semester of study in Australia prior to doing an award course.

Students are usually able to concurrently take one or two units (depending on IELTS level) for credit towards their award course.

² ITD410 Software Development 1 is a prerequisite for ITD411 Software Development 2 and ITD107 Programming Laboratory.

³ QCD120 Communication for Information Technology 1 is a prerequisite for QCD220 Communication for Information Technology 2.

The program consists of the following units taken over the duration of the university semester commencing in February or July of each year.

Academic Communication
Australian Perspectives
Computing
Communication Extension

FURTHER INFORMATION

English Language Programs

Telephone: +61 7 3864 3024
Facsimile: +61 7 3864 3085

University Entry Programs

Telephone: +61 7 3864 5913
Facsimile: +61 7 3864 5910

■ English Language Programs

English for Academic Purposes (EAP)

The English for Academic Purposes course is offered in twelve week sessions and caters for students who are about to commence degree courses and University Entry Programs at QUT.

The EAP course aims to develop specific study and language skills in English needed to undertake academic study successfully.

Students can enter the EAP course on passing the entrance test. A conditional offer of acceptance from QUT is normally required.

QUT accepts the English Language Programs internal assessment in place of IELTS tests.

On successful completion of the internal assessment, eligible students have guaranteed entry into QUT degree courses and University Entry Programs.

There are also special classes for students who want an introductory course of Academic English.

General English (GE)

General English classes are offered in four week sessions. Courses cater for students at all levels of English language from elementary to intermediate and advanced levels.

English for Business (EfB)

The English for Business course is offered in four week sessions and helps students develop their English for business communication. The course caters for a wide variety of students who need to be able to use English for work or business studies. The course includes a TOEIC preparation component.



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■ Doctor of Philosophy (IF49)

Introduction

The main purpose of graduate study is to encourage independence and originality of thought in the quest for knowledge. The Doctor of Philosophy degree is awarded in recognition of a student's erudition in a broad field of learning and for notable accomplishment in that field through an original and substantial contribution to knowledge. The candidate's research must reveal high critical ability and powers of imagination and synthesis, and may be in the form of new knowledge, or of significant and original adaptation, application and interpretation of existing knowledge.

1. General Conditions

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

1.2 This document sets out the Regulations governing the award of the degree of Doctor of Philosophy (PhD) at the Queensland University of Technology (QUT).

1.3 The Council's power to approve arrangements for the registration and examination of candidates for the degree of PhD at QUT is exercised through a Research Degrees Committee, which shall be a subcommittee of the University Research Committee. In exercising this power, the Research Degrees Committee shall be advised by faculty academic boards, deans of faculties and heads of schools as appropriate.

1.4 The PhD will be awarded subject to the Research Degrees Committee receiving:

- a certificate of satisfactory completion of the candidate's approved course of study signed by the Principal Supervisor, Head of School and endorsed by the faculty;
- a declaration signed by the candidate that she/he has not been a candidate for another tertiary award during the tenure of her/his PhD candidature without the permission of the Research Degrees Committee;
- a declaration signed by the candidate stating original authorship of the thesis;
- an application for the conferral of the degree, signed by the Principal Supervisor, Director of Centre/Res Con, Head of School, stating that the candidate has satisfactorily completed the examination process including completing any

revisions or re-examination required by the external examiners; and

- at least one final copy of the thesis in the prescribed format.

2. Definitions

2.1 Candidate means any person admitted to the planned program of research leading to the degree of PhD.

2.2 Candidature means the period of study towards the degree of PhD being the period from the date of commencement as advised by the Office of Research until the thesis is submitted for examination or until the candidature is terminated, after which time the candidate holds the status of 'Under Examination'.

2.3 Confirmed candidature means the period of study towards the degree of PhD from the date of successful completion of Confirmation of Candidature as approved by Research Degrees Committee to the approval of the award of the degree of PhD by the University Academic Board.

2.4 Collaborative research group means the group of researchers which is directly involved with the candidate's research project or a larger research project of which the candidate's study forms a part. This does not include other researchers from any collaborating organisation who do not have input into the specific research project.

2.5 The degree of Doctor of Philosophy or (PhD) at QUT signifies that the holder has undertaken a substantial piece of original research which has been conducted and reported under proper academic supervision and in a research environment for a prescribed period. The PhD's contribution to knowledge rests on the originality of the approach and/or interpretation of findings and, in some cases, the discovery of new knowledge. The award of a PhD demonstrates that the candidate has the ability to communicate research findings effectively in the professional arena and in an international context.

2.6 Examination means the formal testing of the candidate's thesis to critically evaluate whether the conditions for the award of the degree of PhD have been met.

2.7 Examination Committee means the committee of external examiners appointed to undertake examination of the candidate's thesis.

2.8 External candidate means a candidate who will undertake his or her study overseas, interstate, remote from Brisbane or at a place of professional

employment or another research institution in Brisbane (for example Queensland Institute of Medical Research).

2.9 Faculty means the relevant faculty of QUT.

2.10 Faculty Committee means the duly constituted committee responsible for the management and oversight of postgraduate candidates within the faculty.

2.11 A Final Seminar means the public seminar called by the faculty to determine whether the thesis is acceptable for examination by the Examination Committee.

2.12 Internal candidate means a candidate who will complete his or her study whilst physically attending a campus of QUT.

2.13 Masters by coursework means a master's degree, which has a research component comprising less than 66% of the total course of study.

2.14 Masters by research means a master's degree, which has a research component comprising 66% or more of the total course of study.

2.15 Prescribed Form means the relevant form found via the Research Students Section of the QUT Office of Research Home Page.

2.16 Professional Doctorate (Research) means a doctoral degree at QUT, which has a significant formal coursework component, which is no more than 33% of the total course of study.

2.17 Recognised institution means any tertiary education institution accepted by the Research Degrees Committee for the purposes of these Regulations.

2.18 Research centre/research concentration means the relevant research centre/research concentration of QUT.

2.19 Review Period means a period of up to three months after completion of a progress report, eg the Confirmation of Candidature, Annual report or interim faculty report during which the candidate is required to do more work until the faculty advises the Research Degrees Committee that the candidature should be continued or terminated.

2.20 School means the relevant school of QUT.

2.21 Thesis means the collection of materials submitted by the candidate to the Examination Committee for examination.

3. Admission To Candidature

3.1 To gain admission into a planned research program leading to the award of PhD a candidate normally shall hold a relevant first class or second

class division A honours degree or equivalent, an appropriate masters degree (by research or coursework), or a professional doctorate, from a recognised institution.

3.2 Masters degrees by coursework and professional doctorates must contain a significant research component, which would normally be no less than 33% of the total degree in order to qualify an applicant for admission to the PhD program. Normally, applicants holding a masters by coursework or a coursework professional doctorate must have a GPA of at least 5.0 on a 7 point scale or equivalent standing as certified by the faculty in which the candidate wishes to enrol before they may be admitted to PhD candidature.

3.3 Coursework masters and professional doctorates which do not contain the research component defined in Regulation 3.2 are not considered adequate to allow admission to the PhD program unless (a) the applicant can demonstrate a grade point average of at least 5.0 on a 7 point scale in such a course; and (b) an additional level of research experience and potential which is deemed acceptable to the faculty and approved by the Research Degrees Committee. For example, by the publication of articles in refereed research journals.

3.4 Applicants must demonstrate sufficient command of English to complete the proposed course of study in English, that is, the Confirmation Seminar, the Final Seminar, and the written thesis. (Exceptions may apply, see Section 13.2).

4. Application Procedure and Commencement

4.1 Candidature shall have commenced on the date of admission or at some later date as determined by the Research Degrees Committee.

4.2 An application for admission shall be made on the prescribed form and shall involve a two-stage process.

4.3 Stage 1 of the application process must include:

- Doctor of Philosophy Stage 1 Application Form (if the applicant holds citizenship or permanent residency in Australia or New Zealand);
- Application for Admission to QUT as an International Candidate Form F (if the applicant is an international candidate);
- personal data;
- details of relevant professional research experience;
- the proposed field of study;

- brief (200-300 words) outline of the project to be undertaken;
- the centre/research concentration in which the research is to be undertaken; and
- a certified copy of the candidate's academic record.

The application must be approved by the duly constituted faculty committee which will determine whether the applicant meets the criteria for admission (Section 3) or, if deficiencies exist, what they are and how they can be remedied.

4.4 The Stage 2 application must be completed and submitted to the Research Degrees Committee within three months of conditional admission (up to six months for part-time candidates and international candidates) and must include:

- a completed Doctor of Philosophy Stage 2 Application form;
- the proposed title of the thesis;
- the objectives of the program of research and investigation;
- an outline of the proposed research;
- the research methods and plan;
- the relation of the study to previous work in the same field by the candidate and others;
- a preliminary literature review;
- a substantial bibliography;
- a timeline for completion of the proposed research;
- a statement of individual contribution if the proposed plan of study is part of a group project;
- the coursework to be completed;
- a Research Ethics Review Checklist;
- the proposed supervisors and their credentials; and
- an Intellectual Property Agreement if required (ref. Regulation 6.7).

Stage 2 of the application must be approved by the faculty committee and then recommended to the Research Degrees Committee for final approval.

4.5 If the Stage 2 application is not submitted to the Research Degrees Committee within the time specified, the Research Degrees Committee may, on advice from the faculty committee and Principal Supervisor, terminate the candidature. In exceptional cases an extension of approximately three months may be granted in order to meet the conditions of the Stage 2 application.

4.6 To complete Stage 2 of the application process, the faculty shall confirm to the Research Degrees Committee:

- that the applicant's proposed topic of research is consistent with the aims and objectives of the centre/research concentration; and
- that the centre/research concentration is willing and able to provide appropriate accommodation, facilities and physical, human and financial resources for the proposed study for the duration of the candidature.

4.7 Following receipt of the faculty's advice on the Stage 2 application, the Research Degrees Committee shall determine that:

- the applicant be admitted to PhD candidature in which case it shall confirm the appointment of supervisors; or
- the applicant be required to submit further information which shall be considered at a subsequent meeting of Research Degrees Committee; or
- the applicant be admitted to masters by research candidature with the option of later applying to upgrade to PhD candidature (ref. Section 7), or
- the applicant not be admitted;

and may set conditions regarding the offer of admission. An applicant who is not admitted to candidature may re-apply for admission at a later date after addressing issues raised.

5. Enrolment

5.1 Once admitted to PhD candidature, a candidate may enrol either as a full-time or a part-time internal candidate or a full-time or part-time external candidate though restrictions apply to some Scholarship holders.

5.2 To be enrolled as a full-time candidate, a candidate must be able to commit to the course 30 hours per week averaged over each year of candidature. Paid work, including preparation, teaching, marking and research assistant duties, may be undertaken but must not interfere with a candidate's study program. A candidate in receipt of a scholarship is subject to additional restrictions on the amount of paid work allowable as described in the relevant scholarship guidelines.

5.3 A candidate who is unable to devote to the course the proportion of time specified in Regulation 5.2 may enrol as a part-time candidate. A part-time candidate will be expected to progress at half the rate of a full-time candidate: an average of 15 hours per week.

5.4 It is the candidate's responsibility to remain enrolled from the date of commencement until the thesis is submitted for external examination to the Research Students' Section, Office of Research (ref. Section 9).

5.5 The Research Degrees Committee may cancel a candidate's enrolment, having taken account of all relevant documented circumstances and having given the candidate opportunity to show cause why enrolment should not be cancelled if:

- it is of the opinion that the candidate either has effectively discontinued his/her studies or has no reasonable expectation of completing the course of study within the maximum time allowed (ref. Section 8); or
- the quality and progress of research gives no reasonable expectation of successful completion of the degree based on written/formal communications between the candidate and relevant staff members including supervisor and Centre Director as recorded in progress reports; or
- the candidate's grade point average in coursework undertaken is below 5.00 on a scale of seven or other measure agreed to between candidate and supervisor.

5.6 A candidate whose enrolment has lapsed or has been cancelled and who wishes subsequently to re-enter the course of study to pursue an investigation, which is substantially the same as her/his previous investigation, must apply in writing to the faculty. If the faculty supports the readmission of the candidate, the application will be forwarded to the Office of Research for consideration by the Research Degrees Committee, which may set conditions for readmission to the course.

5.7 Normally, PhD candidates must be affiliated with a centre/or research concentration, which is appropriate to the planned research program. Sole supervisors may be approved by University Research Committee under the terms included in MOPP Appendix 35 [1].

5.8 It is the faculty's responsibility to ensure that candidates are affiliated with the appropriate centre/research concentration. Once the candidate is enrolled, he/she cannot transfer to another centre/research concentration without faculty endorsement, which must incorporate advice from the relevant Centre Directors, and Research Degrees Committee approval. Reasons for transfer include:

- the centre/research concentration ceases to exist;
- the centre/research concentration cannot continue to provide the necessary supervision and/or support;

- the Principal Supervisor transfers to another centre/research concentration, faculty or institution; and

- the candidate asks to be transferred with supportable justification.

Any request for transfer must be made on the prescribed form.

6. Planned Research Program

6.1 A candidate for the degree of PhD is required to complete successfully a planned research program that will result in the candidate making a significant individual contribution to the body of knowledge. This contribution may be in the form of new knowledge or of significant and original adaptation, application and interpretation of existing knowledge.

6.2 The planned research program will normally include:

- a program of assessed coursework including the Advanced Information Retrieval Skills unit;
- participation in university scholarly activities such as research seminars, teaching and publication;
- regular interaction with supervisors;
- a program of supervised research and investigation;

and must be such as to enable the candidate to acquire competence in relevant methods of research and scholarship related to the subject of the proposed investigation and to demonstrate sustained independent research effort.

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

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

In all cases, coursework will be based upon a written plan briefly setting out the educational outcomes expected from the course, a list of topics to be covered, the prescribed reading material and the method of assessment of progress through and at the end of the course. This coursework will be planned by the candidate and the Principal

Supervisor to contribute to, and or, provide structure to the overall program of research.

6.4 Assessed coursework as described in 6.3 will comprise not more than one third of candidature and will normally be completed within the first half of the candidature.

6.5 A candidate is normally expected to pursue the approved program of research and investigation throughout the period of candidature. Where circumstances make significant modification of the program desirable, approval for the proposed change must be sought in writing from the Research Degrees Committee through the faculty committee. Permission to continue the candidature may be given by the Research Degrees Committee in such circumstances provided that the planned research program remains in the same field.

6.6 Where an approved program of research and investigation forms part of the work of a research team or a larger research project, the application must indicate clearly the individual contribution expected to be made by the candidate, her/his individual research activities and responsibilities and the extent to which the work is to be carried out in collaboration with others.

6.7 Where an approved program of research and investigation is carried out jointly in QUT and in an industrial, commercial, professional or research establishment, an outline of the interrelationship of the work to be undertaken at each of the sites in relation to the whole project must be provided as part of the Stage 2 application. An intellectual property agreement must also be completed on the prescribed form.

7. Transfer of Candidature from other Research Degrees

7.1 Internal Applicants From Within QUT

7.1.1 A person who has completed 12 months full-time equivalent of candidature in a QUT masters by research program or a QUT professional doctorate (research) may apply to the Research Degrees Committee for entry into the PhD if the following conditions have been met:

- (a) meets the requirements outlined in Section 3;
- (b) has demonstrated the capacity to undertake research at the PhD level;
- (c) has a research project that is clearly capable of being extended and converted to PhD level; and
- (d) has completed the Confirmation of Candidature process including the Confirmation Seminar.

A request for transfer must be made on the prescribed form (the Confirmation of Candidature form) and

returned to the Office of Research, through the faculty committee, for consideration by the Research Degrees Committee.

7.1.2 A candidate enrolled in a masters by research will only be approved for transfer to PhD candidature when the candidate is able to satisfy all the requirements outlined in Regulation 7.1.1. Where course work has been undertaken as part of the masters by research degree or professional doctorate (research), a transfer normally will be approved only if the candidate has attained a grade point average of at least five on a seven point scale or equivalent standing as certified by the faculty in which the candidate wishes to enrol. Normally a maximum of twelve months' credit from the masters program or professional doctorate (research) may be carried forward to the PhD program.

7.1.3 Applications to transfer into the PhD shall be made on the prescribed form and submitted via the faculty committee, to the Research Degrees Committee for consideration. Such application shall consist of:

- required administrative details;
- reasons for transfer;
- substantial details of progress to date;
- full course of study;
- a time-line for completion of the project;
- a certified copy of the candidate's academic record (if transferring from another recognised institution);
- a formal request for the amount of credit to be granted for previous candidature;
- a Research Ethics Checklist or a copy of QUT Ethics Committee Clearance;
- proposed supervisors and their credentials; and
- an Intellectual Property Agreement if required (ref. Regulation 6.7).

7.2 External Applicants From Another Institution

7.2.1 PhD, masters or professional doctorate (research) candidates transferring enrolment to a QUT PhD program from another institution will normally be required to undergo the full QUT Confirmation of Candidature process including presentation of a seminar if transferring after twelve months or more of full-time candidature or part-time equivalent at their former institution unless they have successfully completed an equivalent procedure at their previous institution. Candidates seeking transfer to QUT in under twelve months/full-time or twenty-four months/part time will normally be required to submit a Stage 2 application.

7.2.2 External Transfer application to the PhD shall be made on the prescribed form.

7.2.3 The faculty shall first review the candidate's progress and planned research program and append to the Application for Transfer, a statement which sets out:

- the nature, duration and quality of the work already done, its relevance to the proposed PhD thesis and the recommended amount of credit;
- an appraisal of the candidate's progress and suitability for transfer of candidature and confirmation of PhD candidature;
- an agreement that the proposed research is within the aims and objectives and physical and human resources of the centre/research concentration; and
- an agreement that the centre/research concentration is willing and able to provide the accommodation, facilities and physical and human resources for the duration of the study.

7.2.4 In considering the application for Transfer of Candidature, the Research Degrees Committee shall:

- approve the transfer of candidature, normally confirming PhD candidature, and determine the amount of credit to be allowed, the date of admission and minimum and maximum candidature dates; or
- request changes to the planned research program which must be addressed by the candidate and resubmitted to the Research Degrees Committee;
- not approve the transfer.

8. Place and Conditions of Work

8.1 Internal candidates (part-time and full-time) are expected to carry out their research program in a suitable environment at a QUT Campus.

8.2 The Research Degrees Committee must be satisfied that appropriate arrangements as set out in these Regulations regarding coursework, participation in scholarly activities, supervision, facilities in training and research methods can be made for each candidate including part-time candidates. The Head of School must ensure that accommodation, equipment and access to library and computing facilities meet the needs of the approved planned research program for the duration of the candidature.

8.3 The Research Degrees Committee may permit a PhD candidate to conduct his/her research as an external candidate either elsewhere in Australia or overseas or to approve a change of enrolment from internal to external status or vice versa.

8.4 The candidate and the Principal Supervisor, at Stage 1 of the application process or prior to the requested transfer to external status, must provide written evidence to the Research Degrees Committee that:

- the arrangement for the research at the external location (normally a recognised research establishment or place of professional employment) meets the normal requirements of the PhD program;
- the candidate has opportunity to participate in scholarly activities;
- academic standards in the conduct of the PhD research can be assured;
- a suitable program of contacts between the candidate and the Principal Supervisor can be maintained and the methods by which this will be achieved are explained;
- a suitable Associate Supervisor will be responsible for regular supervision is available at the external establishment or an explanation as to why this is unnecessary is given;
- a letter of support from the external establishment stating that the resources required for the study are available and accessible to the candidate and will continue to be available for the duration of candidature is provided; and

In exceptional circumstances the candidate, Principal Supervisor and Centre Director may present a case for exemption from the above requirements.

8.5 External candidates must normally spend a minimum of three months at QUT during the course of their candidature and must normally be present for the Confirmation of Candidature and for the Final Seminar presentation (ref. Regulation 16.9) of the thesis.

8.6 In exceptional circumstances, the candidate may be permitted to complete the Final Seminar by video-conference. At least three months notice must be given of this intention to allow the school to make adequate arrangements.

9. Period of Time for Completion of Planned Research Program

9.1 The minimum period of candidature is:

- full-time candidates: twenty-four months from the date of commencement
- part-time candidates: forty-eight months from the date of commencement

In special cases, the Research Degrees Committee may approve a shorter period.

9.2 The maximum period of candidature is:

- full-time candidates: forty-eight months from the date of commencement
- part-time candidates: ninety-six months from the date of commencement

9.3 Where a candidate wishes to change from full-time to part-time candidature or vice versa, application must be made on the prescribed form and returned to the Office of Research, through the faculty committee, for consideration by the Research Degrees Committee.

9.4 A candidate must submit his/her thesis to the Research Students' Section, Office of Research, for external examination no later than the maximum candidature date.

9.5 A candidate who does not expect to submit her/his thesis by the maximum candidature date must apply for an extension on the prescribed form and returned to the Office of Research, through the faculty committee, for consideration by the Research Degrees Committee prior to the expiry of her/his maximum candidature date. The application must include the reasons for the delay, the written endorsement of the Principal Supervisor and a revised time-line for completion. Applications for extensions will not normally be considered by the Research Degrees Committee unless the reasons for the delays have been documented in previous annual reports (ref. Section 11).

9.6 The maximum period of extension for which a candidate may be given approval is 12 months past the original maximum candidature date for full-time candidates and 24 months for part-time candidates. In exceptional circumstances, which must be documented, the Research Degrees Committee may approve a further extension. Minor breakdown of computer equipment or absence of the Principal Supervisor are not usually considered exceptional.

9.7 A candidate who wishes to take leave of absence for a specified period from his/her PhD program must apply in advance on the prescribed form and return it to the Office of Research, through the faculty committee, for consideration by the Research Degrees Committee. The application must include the reasons for the leave of absence, the written endorsement of the Principal Supervisor and the start and end dates of the period of leave. If the Research Degrees Committee approves the period of leave of absence, the duration of the specified period will be added to the minimum and maximum submission dates of the candidature.

9.8 The maximum period of leave of absence for which a candidate may be given approval is 12

months for a full-time candidate and 24 months for a part-time candidate during the term of his/her candidature. A candidate who wishes to take leave of absence for a longer period must withdraw from candidature and apply for re-entry at a later date, on the prescribed form.

9.9 A candidate who remains not currently enrolled for a period greater than twelve months will be deemed to have ceased his/her program of study and his/her candidature will be terminated. If a candidate is unable to complete the approved course of study the candidate may apply for transfer to an appropriate master degree.

9.10 Candidates are entitled to receive up to twelve months parental (maternity/paternity/ adoption) leave. The Research Degrees Committee must be notified on the prescribed form and supplied with a medical certificate (and in the case of paternity leave a marriage certificate or statutory declaration showing the candidate's relationship to the mother), and the written endorsement of the Principal Supervisor. Periods of parental leave shall not be included as part of the 12 or 24 month leave of absence maximum.

10. Supervision

10.1 Supervision of PhD candidates shall be conducted according to the QUT Code of Good Practice for Postgraduate Research Studies and Supervision (see MOPP Appendix 66)

10.2 A Principal Supervisor and at least one Associate Supervisor from QUT shall be appointed.

10.3 The Principal Supervisor has responsibility for supervising the candidate on a frequent basis and must be a current member of QUT staff or an Emeritus Professor of QUT still active in research. The Principal Supervisor shall have undertaken successful supervision of research degree candidates, shall normally have a PhD and shall have an established research record in the area of the proposed project.

10.4 One Associate Supervisor must be a member of QUT staff. Where appropriate, more than one Associate Supervisor may be appointed and additional Associate Supervisors may be from either QUT or another appropriate industrial, professional, commercial or research establishment. Associate Supervisors should possess appropriate expertise in the research field and normally have undertaken successful supervision of research degree candidates and must indicate their agreement to supervise on the prescribed form. An Associate Supervisor must be appointed from an establishment formally collaborating on a research project.

10.5 For a candidate studying externally, an Associate Supervisor from the external institution linked to the project will normally be appointed. In such cases there will be no requirement for a QUT based Associate Supervisor as Centre Director would be considered as ex-officio associate.

10.6 A person who is currently a candidate for a PhD (at QUT or elsewhere) may not act as a Principal Supervisor for a PhD candidate at QUT, and should not normally act as an Associate Supervisor unless approved by Research Degrees Committee.

10.7 Where the Principal Supervisor will be absent from QUT for a period of three consecutive months or longer during the period of candidature, the QUT Associate Supervisor will become acting Principal Supervisor for this period.

10.8 If the Principal Supervisor leaves the staff of QUT, the QUT Associate Supervisor will normally fill the role of acting Principal Supervisor immediately and until a new Principal Supervisor is appointed by the faculty, with the agreement of the candidate. A formal appointment of a new Principal Supervisor must be made within three months of the original Principal Supervisor's departure.

11. Reporting Procedures

11.1 The Principal Supervisor and candidate are required to report annually on the prescribed form to the Research Degrees Committee on the candidate's progress and research plans. Reporting dates shall be tied to the candidate's commencement date. Reports shall be signed by both the candidate and by the Principal Supervisor and submitted through the faculty committee, Head of School and director of the centre/research concentration to the Office of Research for consideration by the Research Degrees Committee.

11.2 Faculties should develop additional internal policies and procedures for review of candidates' progress between annual reports that ensure unsatisfactory progress is dealt with expeditiously.

11.3 Where the candidate's progress is deemed satisfactory, the Research Degrees Committee shall approve continuation of candidature.

11.4 Where progress is deemed unsatisfactory, in the Confirmation of Candidature, Annual Report or other interim faculty report, the Research Degrees Committee, on advice from the Faculty Research Committee, will normally place the candidate under review for a period of up to three months from the date that the candidate is advised in writing of the decision. The Research Degrees Committee will inform the candidate of the required remedial action

to be followed taking account of the advice provided by the Principal Supervisor and the faculty.

11.5 After the Review Period the Faculty Research Committee must forward to the Research Degrees Committee a report on the Candidate's progress which will include written documentation of the steps that have been taken to resolve the specified deficiencies in the candidate's program and an assessment of progress during the Review Period. The Research Degrees Committee will then approve continuation of candidature if the progress is deemed satisfactory.

11.6 If progress is still unsatisfactory after the Review Period, the Research Degrees Committee, on advice from the faculty committee, shall ask the candidate to show cause why the enrolment of the candidate should not be terminated (ref. Regulation 12.8).

11.7 A candidate who has been placed under review after an unsatisfactory annual report or interim report established by the faculty may not take leave of absence until the continuation of the candidature has been approved by the Research Degrees Committee.

11.8 When a candidate's progress has been reported to the Research Degrees Committee as unsatisfactory in any two consecutive reports during the candidature, the Research Degrees Committee shall ask the candidate to show cause why the enrolment of the candidate should not be terminated.

11.9 If a candidate fails to submit an annual report through their Principal Supervisor to Research Degrees Committee by the due date without applying, in writing, for an extension on the prescribed form two weeks prior to the due date, the Research Degrees Committee may ask the candidate to show cause why the enrolment of the candidate should not be terminated.

11.10 Applications for extensions of candidature or scholarships or leave of absence due to delays or problems with the planned research program will not normally be considered by the Research Degrees Committee unless the delays or problems have been documented in previous reports.

11.11 If the candidate does not show cause (refer Regulations 11.6, 11.8) why the enrolment should not be terminated, the Research Degrees Committee may terminate the candidate's enrolment or with the agreement of the faculty offer admission to candidature for the degree of master (research).

12. Confirmation of Candidature

12.1 Within twelve months of admission for full-time candidates and twenty-four months for part-

time candidates, eighteen months for International Candidates, the candidate shall present (in consultation with her/his supervisors) a plan of the research program for the remainder of the candidature and a report on the work done to this point. This confirmation report shall incorporate a substantial literature review and shall provide evidence of the research capacity of the candidate including the rate of progress to this point. The plan shall include:

- the area of study in which the candidate's course is located;
- any remaining coursework to be completed including an assessment plan;
- the nature of participation in scholarly activities of the centre/research concentration, school, or faculty in which the study is being undertaken;
- the objectives of the program of research and investigation and its relationship to published research in the same field;
- the research methods to be followed;
- the title of the thesis; and
- a time-line for completion of the research program.

12.2 The candidate shall present this confirmation report and planned research program at a Confirmation Seminar open to faculty members and the public.

12.3 A candidate who is not able to complete Confirmation of Candidature within the timeframe listed in Regulation 12.1 must apply for an extension at least one month in advance of that deadline through the faculty to the Research Degrees Committee. Normally, a maximum of three months extension may be granted.

12.4 The faculty shall review the candidate's progress and planned research program and shall submit their recommendations on the prescribed form to the Research Degrees Committee. This shall include:

- an appraisal of the candidate's progress and suitability for continuation in the PhD program;
- the documents prepared by the candidate pursuant to Regulation 12.1;
- a statement that the research program is of the standard required for a PhD program;
- statements of whether the studies continue to be within the aims and objectives and physical and human resources of the centre/research concentration; and
- a report on the candidate's seminar.

12.5 Candidates who are undertaking confirmation in order to transfer from a masters by research or a professional doctorate (research) at QUT must complete the confirmation process and should refer to Regulation 7.1.

12.6 In considering the application for Confirmation of Candidature, the Research Degrees Committee will, if the conditions are met:

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

12.7 Where a candidate is placed under review following the Confirmation Seminar, the Principal Supervisor must advise the candidate within seven days of the seminar of the conditions to be met in the form of clear, written guidelines on the work to be completed and due dates for the submission of materials and whether a further Confirmation Seminar is required. The conditions must be endorsed by the candidate, supervisor(s), director of centre/research concentration, the Head of School, chair of the appropriate faculty committee or dean as appropriate and be forwarded within fourteen days to the Office of Research for noting by the Director, Postgraduate Research Studies.

12.8 Where a candidate's progress remains unsatisfactory after the Review Period the Research Degrees Committee, on advice from the faculty, shall either grant a further extension of the Review Period of up to three months or, after giving the candidate the opportunity to show why one of the following courses of action should not be taken:

- terminate the candidature with an offer of admission to the degree of master, or
- terminate the candidature with no such offer.

13. Thesis Guidelines

13.1 The thesis must be presented in accordance with the requirements of the Council, including any accompanying declarations and in accordance with Appendix 51 of the Manual of Policies and Procedures – Requirements for Presenting Theses (see MOPP Appendix 51) and the main body of the text must not exceed 100,000 words.

13.2 Except with the specific permission of the Research Degrees Committee the thesis must be

presented in the English language. Such permission must be sought at Stage 1 of the application for admission to the PhD program and will not be granted solely on the grounds that the candidate's ability to satisfy the External Examination Committee will be affected adversely by the requirement to present the thesis in English.

13.3 Where a candidate's research program forms part of the work of a research team or larger research project, the thesis must indicate clearly the candidate's individual contribution and the extent to which co-workers contributed to the candidate's program.

13.4 Subject to QUT's intellectual property policy (see MOPP Appendix 22 - 3.1) the copyright of the thesis is vested in the candidate.

13.5 Where a candidate or the sponsoring establishment wishes the thesis to remain confidential for a period of time after the completion of the work, written application for approval stating the reasons must be made to the Research Degrees Committee when the thesis is submitted for external examination. The period normally shall not exceed two years from the date on which the Head of School or nominee recommends acceptance of the thesis to the Research Degrees Committee.

13.6 A candidate may not present in the thesis any work for which another degree or diploma has been awarded by QUT or any other academic institution, but such a candidate shall not be precluded from incorporating extracts from such work in the thesis provided that the sum of any such extracts does not constitute more than 10% of the thesis and provided also that the source of each such extract is stated explicitly.

13.7 Prior approval must be obtained from the Research Degrees Committee for any course of PhD study leading to the presentation of a thesis other than in writing. Full details of the alternative course of study should be provided formally at Stage 2 together with a proposal regarding the form the final thesis and its examination is expected to take.

13.8 A candidate may submit with the thesis other kinds of relevant material (such as films, audio tape recordings, video tape recordings, CD -ROMS, models, software programs, evidence of exhibitions, or other materials for the purposes of illustration) which shall be accompanied by evidence of the extent to which the candidate has been responsible for their preparation.

13.9 A PhD may be awarded on the basis of the submission of published papers as per the Section 14.

13.10 A PhD may be awarded on the basis of the submission of a creative work as per the Regulations set out in Section 15.

13.11 A candidate's name will not be placed on the list for graduation until the final copy of the thesis is received in the Research Students' Section, Office of Research.

13.12 A candidate who passes but is required to make revisions to the thesis after external examination must lodge the final copy of the thesis with the Research Students' Section, Office of Research, no later than 12 months after the date of receipt of examiners' reports or the candidate shall be deemed to have failed unless an extension has been approved by the Research Degrees Committee.

13.13 When the final copy of the thesis has been lodged with the Research Students' Section, Office of Research, the names of the examiners will be released to the candidate on request, providing that the examiner has not indicated otherwise.

14. Presentation of PhD Theses by Published Papers

14.1 Introduction

14.1.1 The Queensland University of Technology permits the presentation of theses for the degree of Doctor of Philosophy in the format of published and/or submitted papers. where such papers have been published, accepted or submitted during the period of candidature.

14.1.2 Papers submitted as a PhD thesis must be closely related in terms of subject matter and form a cohesive research narrative.

14.2 Format

14.2.1 The thesis may be comprised of published papers, manuscripts accepted for publication, manuscripts submitted for publication or under review.

14.2.2 The minimum number of papers and/or manuscripts is normally three. At least one paper must have been published, accepted, or be undergoing revision following refereeing.

14.2.3 Where the papers have multiple authorship, the candidate must be principal author on at least two of the three papers and have written permission of the co-authors.

14.2.4 Normally, the thesis shall include the following:

- title page;
- abstract and key words;
- list of publications and/or manuscripts;

- contents;
- statement of original authorship;
- acknowledgments;
- introduction;
- literature review;
- published papers and submitted manuscripts; and
- general discussion.

14.2.5 The abstract summarises the main findings presented in each published paper or submitted manuscript and should indicate how the included works, when considered together, demonstrate a significant contribution to knowledge in the discipline.

14.2.6 The introduction should contain succinct statements under the following headings:

- description of research problem investigated;
- overall objectives of the study;
- specific aims of the study; and
- account of research progress linking the research papers.

The account of research progress must link together the various papers submitted as part of the thesis. The intention of this Section is to provide continuity for the entire thesis so that the reader can move from one chapter to the next understanding the logic behind the progression of the research program.

14.2.7 The literature review will, of necessity, replicate literature cited in subsequent chapters but must contain a clear statement on the significance of the project aims, a critical review of relevant literature, identification of knowledge gaps, and the relationship of the literature to the experimental program.

14.2.8 Published papers/papers submitted in the following categories may be included but each must be presented as an individual chapter in the thesis:

- published papers;
- manuscripts accepted for publication;
- manuscripts submitted and under review by referees; and
- manuscripts under revision following referees' reports.

14.2.9 Only papers which have been published by or submitted to journals approved by the faculty committee are allowable under these Regulations. Whilst Short Communications and Letters are acceptable, their number should be less than that of full length papers.

14.2.10 Manuscripts which have been rejected by a journal must not be included unless they have been substantially rewritten to address referees' comments as certified in the Final Seminar documentation.

14.2.11 Each chapter comprised of a published paper or submitted manuscript must begin with a clear statement of the contribution made by each author of any jointly authored paper. The description must be sufficiently detailed to describe accurately the contribution of each author.

14.2.12 The thesis must contain an overarching discussion of the main features linking the publications and include a statement of the significance of the findings, problems encountered and the future directions of the work.

14.3 Presentation

14.3.1 The thesis must be presented in accordance with the requirements of the Council, including any accompanying declarations and in accordance with MOPP Appendix 51 .

15. Presentation of PhD Theses by Creative Works

15.1 Introduction

15.1.1 In the case of a thesis submitted in the area of artistic practice, presentation may be in one of two forms: a theoretical thesis or artwork and exegesis. The artwork may be in the form of exhibition, performance, literary work, film, CD Rom or other approved format. The artwork and exegesis will be examined as an integrated whole. The artwork should provide a coherent demonstration that the candidate has reached an appropriate standard in the research and has made a significant and original contribution to knowledge in the area. The exegesis should describe the research process and elaborate, elucidate and place in context the artistic practice undertaken. In the case of visual or performing arts, the examiners will attend the exhibition/performance, at which time they will be given a copy of the exegesis in temporary binding. A final copy of the exegesis will be provided to the examiners within three months of their viewing the artwork.

15.2 Examination of a Creative Work Other Than a Printed Thesis

15.2.1 Where other materials are to be examined, such as in the areas of visual, performing, literary or media arts, the candidate must seek approval from Research Degrees Committee for the form and presentation of the thesis at the time of the Stage 2 application for entry to the PhD program.

15.2.2 Artistic practice may be examined by a theoretical thesis or by artwork and exegesis. The

artwork and the exegesis will not be examined separately but as an integrated whole constituting the original and substantial contribution to knowledge required from doctoral candidates.

15.2.3 A theoretical thesis is a written document which would conform in all respects to the remainder of this policy.

15.2.4 Studio-based inquiry may result in a thesis presented by artwork and exegesis. The artwork should be the research outcome, while the exegesis should describe the research process and elaborate, elucidate and place in context the artistic practice undertaken.

15.2.5 The exegesis would normally not exceed 50,000 words and would conform in all respects to the remainder of this policy. It should also contain a description of the form and presentation of the artistic practice which constitutes the remainder of the thesis.

15.3 Presentation

15.3.1 The thesis must be presented in accordance with the requirements of the Council, including any accompanying declarations and in accordance with MOPP Appendix 51.

16. Examinations

16.1 Any fees payable in relation to the examination of a candidate shall be determined by the Council.

16.2 At least three months prior to the maximum candidature date (or anticipated completion date) the Principal Supervisor having obtained the agreement of the faculty committee, shall recommend to the Research Degrees Committee, on the prescribed form, the composition of a proposed Examination Committee and the title of the candidate's thesis.

16.3 The Examination Committee shall comprise two external examiners who will examine the thesis plus an additional external examiner to be called upon only if the first two examiners are in disagreement. (ref. Section 18)

16.4 In exceptional circumstances, the Research Degrees Committee may act directly to facilitate the examination process of a thesis including the appointment of examiners.

16.5 Any person who has acted as the candidate's Principal or Associate Supervisor; or participated in the candidate's research group or in any capacity where a conflict of interest is seen to exist may not be nominated by the faculty as an examiner. (refer to MOPP Appendix 9 – QUT Code of Conduct – Integrity – section (e))

16.6 Examiners must have demonstrable and substantial publications and research experience in the area under investigation, preferably have a PhD and be widely recognised in the relevant field. At least one of the nominated examiners should be from an internationally recognised university or equivalent research institution. However all of the examiners may be from Australian institutions provided that they are widely recognised as experts with demonstrable and substantial publications and research experience in the relevant field of research. At least one examiner must also have had substantial experience of examining research degree candidates at the doctoral level. Agreement will be sought from examiners to examine the thesis within 8 weeks of receipt of the thesis.

16.7 If more than six months has elapsed between the nomination of examiners and the submission of the thesis, the faculty must notify the Research Degrees Committee that the nominated examiners are still willing and able to examine the thesis within two months of its receipt. If any previously nominated examiner is unable to examine the thesis, a replacement examiner must be nominated by the Principal Supervisor with the agreement of the faculty for approval by the Research Degrees Committee.

16.8 In order to determine whether the thesis is acceptable for examination by the Examination Committee, the candidate shall be required to present a Final Seminar based on the work described in the thesis to the faculty to which he/she is attached.

- This final seminar shall normally take place no more than six months prior to the anticipated submission date.
- The faculty shall constitute a panel of three including the Principal Supervisor to attend the seminar and to report on the readiness of the thesis for external examination. The panel shall be chaired by the Principal Supervisor, and shall question the candidate on the content of the thesis at the conclusion of the seminar. Each member of the panel must receive a copy of the draft thesis 14 days prior to the final seminar.
- The panel may require changes to the thesis or ask that further work be done prior to submission of the thesis. The thesis is accepted by the University for external examination only when the panel signifies its belief that the degree requirements have been met. The faculty panel shall use the prescribed form when advising Research Degrees Committee that the thesis is ready for external examination.

□ The final seminar shall be open to the public and shall be widely advertised by the faculty so as to ensure attendance by researchers and research students within the faculty.

□ In all other matters the form and timing of the final seminar is determined by the faculty.

16.9 The thesis must be accompanied by a certificate endorsed by the Principal Supervisor, Head of School or nominee, and the faculty committee stating that all reasonable efforts have been made by the faculty to ensure that:

□ the thesis makes an original and significant contribution to the field of research;

□ the methodology applied in the candidate's research is effective and appropriate for the thesis topic and the PhD;

□ the thesis reflects competence in the survey of literature and documentation of statements;

□ the thesis is of the required standard for external examination;

□ the thesis is within the prescribed word limit;

□ the candidate has presented a Final Seminar ;

□ that an external candidate has spent at least three months minimum at QUT during the course of his/her enrolment; and

□ original correspondence from editors has been sighted and that editorial advice has been followed in the manuscripts submitted for examination (if applicable) and

□ acknowledgment is given regarding the inclusion of all published and other sources of information, together with any substantial financial assistance received for the project.

16.10 In exceptional circumstances, the Research Degrees Committee may allow a candidate to submit his or her thesis for external examination without the requirement for certification (ref. Regulation 16.9). The candidate must apply in writing to the Research Degrees Committee for such permission, outlining the reasons why the required certification is not included.

16.11 Three copies of the thesis, in the prescribed format must be submitted to the Research Students' Section, Office of Research, no later than the maximum candidature date.

16.12 The Office of Research, on the advice of the Research Degrees Committee, shall provide the examiners with a copy of the thesis and of the Council's Regulations for the Award of the Degree of Doctor of Philosophy, and any other relevant information.

16.13 Each examiner will be asked to provide a written report to the Office of Research on the candidate's thesis and to recommend one of the following courses of action:

Recommendation 1: The candidate should be awarded the degree without the requirement for revision, further examination or modification (minor corrections and typographical errors only); or

Recommendation 2: The candidate should be awarded the degree subject to minor nominated revisions being completed to the satisfaction of the Head of School and Principal Supervisor; or

Recommendation 3: The candidate should be awarded the degree following the completion of major nominated revisions to the satisfaction of the Head of School and Principal Supervisor; or

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

Recommendation 5: The candidate should be awarded the degree at Master's level: without the requirement for further revision or further examination; subject to nominated revisions being completed to the satisfaction of the Head of School and Principal Supervisor; subject to revision and submission for re-examination after completion of further work; or

Recommendation 6: The thesis should be rejected, the degree should not be awarded and the candidate should not be permitted to submit the thesis for re-examination for the degree.

16.14 After both examiners' reports are received the Office of Research will forward them to the Head of School or nominee, the Principal Supervisor and the candidate with an appropriate covering letter. (Until such time as the examination process is complete the identity of the examiners will be withheld from the candidate.)

17. Examiners in Agreement

17.1 Where both examiners recommend that the candidate should be awarded the degree (recommendation 1, 2 or 3) the Head of School, or nominee will consult with the Principal Supervisor, Centre Director and Postgraduate Studies coordinator to discuss any corrections or revisions that the candidate may be required to make and where revisions are required .

17.2 When all corrections or revisions have been made to the satisfaction of the Head of School or nominee and the Principal Supervisor, the Head of School or nominee and the Principal Supervisor must certify to the Research Degrees Committee that they recommend acceptance of the thesis in fulfilment of the conditions for the award of the PhD degree.

17.3 Where both examiners recommend that the thesis be revised and resubmitted for examination (Examiners Report Recommendation 4), after consultation with the Principal Supervisor and the Centre Director, the Head of School or nominee will make written recommendation to the Research Degrees Committee within 7 days of the receipt of the Examiners Reports listing any revisions required. Once these are approved by the Research Degrees Committee, the Research Degrees Committee will inform the candidate of the revisions and/or any action required

17.4 Where both examiners recommend that the candidate should be awarded the degree at master's level, (Recommendation 5), the Head of School or nominee will consult with the Principal Supervisor to discuss any revisions that the candidate may be required to make and forward a recommendation to the Research Degrees Committee. Once approved the Head of School will meet with the Centre Director and Principal Supervisor to discuss outcome with the Principal Supervisor responsible for informing the candidate of the decision.

18. Examiners Not In Agreement

18.1 Where the recommendations of the external examiners are not in agreement as to whether the thesis should be accepted for the award of PhD or as to whether the thesis may be revised and resubmitted the thesis will be sent to the third nominated examiner.

18.2 Upon receipt of the third examiner's report, a majority decision shall be adopted.

18.3 Where the majority decision is that the thesis be accepted for the award or the thesis be accepted for the award of a masters degree or the thesis be rejected and the candidate not be permitted to resubmit, the procedures in Section 17 shall apply.

18.4 Where the majority decision is that the candidate be required to submit for re-examination or the thesis fail, the procedures in Section 17 shall apply.

18.5 Where the recommendations of the three examiners clearly differ and no clear majority exists, the Head of School or nominee shall liaise with the Director, Postgraduate Research Studies, and the Principal Supervisor to determine the further course

of action which may involve any of the outcomes listed in Regulation 16.13.

19. Re-examination

19.1 A candidate who is required to submit for re-examination may be re-examined only once except in the case of an upheld appeal.

19.2 Re-examination shall take place within twelve months from the date on which the candidate is advised in writing by the Head of School or nominee of such re-examination. The Research Degrees Committee may, on written application by the candidate and supported by the Principal Supervisor and Centre Director with suitable justification, approve an extension to this period which, under normal circumstances, may be a maximum of a further twelve months.

19.3 A candidate who is required to submit his/her thesis for re-examination must re-enrol in the PhD program.

19.4 The thesis shall be re-examined by the same two examiners unless:

- any of the examiners is unable to re-examine the thesis in which case the Head of School or nominee with the agreement of the Principal Supervisor and the faculty shall nominate a replacement examiner(s) who must be approved by the Research Degrees Committee; or the Research Degrees Committee replaces one or more of the examiners on advice from the RDC Chair and with suitable justification.

19.5 Examiners re-examining a thesis will be asked to provide a written report on the candidate's thesis and to recommend one of the following courses of action:

- (a) the candidate should be awarded the degree with or without minor nominated revisions; or
- (b) the candidate should be awarded the degree at masters level with or without minor nominated revisions; or
- (c) the thesis should be rejected and the degree should not be awarded.

19.6 Regulations applicable to PhD examination shall apply to the re-examination.

20. Appeals

20.1 A candidate whose thesis has been failed or whose thesis has been recommended for the award of the degree of master may lodge an appeal against the outcome of the examination process.

20.2 The grounds for appeal may be on matters of process only, ie procedural irregularities in the conduct of the examination or documented evidence

of examiner bias as evidenced by comments in the examiners reports.

20.3 An appeal must be lodged within sixty (60) days of the date of written advice from the Office of Research on the outcome of the examination. This appeal must include the specific grounds on which the appeal is based.

20.4 Appeals as described in Section 20 must be submitted, in writing, to the Office of the Pro-Vice-Chancellor (Research and Advancement). The Director, Postgraduate Research Studies, will determine whether a potential conflict of interest exists in relation to her/his consideration of the appeal.

20.5 In cases where a conflict of interest exists, the Director, Postgraduate Research Studies, will appoint a member of academic staff, with expertise in research candidate supervision, to consider the appeal.

20.6 The Director, Postgraduate Research Studies, or appointee will decide whether a case exists and may seek the advice of the faculty, school or centre/ research concentration as appropriate.

20.7 The appeal may be allowed or dismissed. If an appeal is allowed, the Director, Postgraduate Research Studies, or appointee cannot recommend that the degree be awarded but shall recommend that the thesis be re-examined. This re-examination shall be carried out in accordance with the Section 19 taking account of the issues raised in the successful appeal.

20.8 The Director, Postgraduate Research Studies, or appointee will make a determination on the appeal as soon as practicable and will advise appellants, in writing, of the result of the appeal.

■ Master of Applied Science (Research)

Students wishing to enrol in a Master of Applied Science (Research) should contact the relevant faculty. General course rules follow.

Introduction

The objectives of the course are:

- to provide postgraduate educational opportunities in specialised fields of applied science and information technology by means of a program which involves either an original contribution to knowledge or an original application of existing knowledge
- to provide further education in research methods

- to enable graduates employed in industry to undertake further education by research and thesis

- to enable industrial organisations and other external agencies to sponsor a student research program under the control and supervision of the Faculty

- to further relationships between the University and industry or other external agencies engaged in applied science, 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 Academic Committee.

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 biannually 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 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 or she has not been a candidate for another tertiary award without permission of the academic board.

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 (Research) shall be:

- possession of a Bachelor degree in Information Technology, Health Science, Applied Science 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 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. 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 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 registration.

2.8 A candidate shall be registered initially as:

- a graduate student (provisional), or
- a graduate student.

A graduate student (provisional) becomes a graduate student when registration is confirmed. Applicants not holding an appropriate Honours degree, or its equivalent, shall normally be given provisional registration.

2.9 A candidate shall receive confirmed registration as a graduate student when he or she:

- has satisfied the requirements for admission and achieved, by work and study, a standard recognised by the academic board, or
- has been accepted for provisional registration in the Faculty and has achieved, by subsequent work and study, a standard recognised by the academic board
- has satisfied the academic board that he or she is a fit person to undertake the program

- has satisfied the academic board that he or she can devote sufficient time to the research and study.

2.10 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 or her studies or has no reasonable expectation of completing the course of study within the maximum time allowed (see Section 4).

2.11 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 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 A candidate may be required by the academic board 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 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 students present critical studies of selected problems within the subject field
- as independent study or reading courses, or
- as research projects conducted under faculty supervision.

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.

3.5 Coursework will occupy not more than half of the total period of registration.

3.6 An application for registration should set out systematically and fully the candidates intended course of study. The description should include the area of study within which the candidates course lies, 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.

4. Period of Time for Completion of Course of Study

4.1 A full-time graduate student (provisional) shall not be eligible for confirmation of registration as a graduate student until a period of at least 12 months has elapsed from initial registration. The corresponding period in the case of a part-time student shall be at least 24 months.

4.2 A registered graduate student shall present the thesis for examination after a period of at least one year for a full-time student or two years for a part-time student has elapsed from the time of confirmed registration, except in the case of special permission granted under 4.4. In special cases the academic board may approve a shorter period.

4.3 A registered graduate student shall present the thesis for examination no later than two years if a full-time student or four years if a part-time student from the date of confirmed registration.

4.4 A registered graduate student who holds an Honours degree appropriate to the course of study may submit the thesis for examination after not less than one year of registration if a full-time student, or two years if a part-time student. In special cases the academic board may approve a shorter period.

4.5 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 course 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. Supervision

5.1 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 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 academic board on the students work. This report shall be seen by the student before submission to the academic board.

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 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 and/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 the School/Department is willing to undertake the responsibility of supervising the applicants work.

6.3 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 he or she is willing to accept responsibility for supervising the applicants 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 academic board. After approval has been granted, no change shall be made except with the permission of the academic board.

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 candidates own account of the work. Where work is carried out conjointly 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.

7.5 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.

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

8.4 On receipt of satisfactory reports from the examiners, and when the provisions of Section 7.1 have been fulfilled, the academic board shall recommend to Academic Committee that the candidate be awarded the degree.

8.5 If the examiners reports are conflicting, the academic board 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 academic board does not recommend that the degree be awarded then it shall:

- permit the candidate to resubmit the thesis within one year for re-examination, or
- cancel the candidates registration.

■ Master of Business Administration/Master of Information Technology* (IF13#) (IF15%)

* Course offered subject to final approval

Non-IT graduates

% IT graduates

Location: Gardens Point campus

Course Duration: Full-time students may complete the course in a minimum of 5 semesters

Total Credit Points: 240

Standard Credit Points/Full-time Semester: 48

Course Coordinators:

Brisbane Graduate School of Business: Dr Jeremy Williams

Information Technology: Mr Bob Smyth

Entry Requirements

Prior degree and work experience

Applications will be considered from those who hold a Bachelor's degree in any field, and have at least two years relevant business experience with either Category I or Category II conditions of entry as follows:

Category I

For entry into the combined MBA and non-IT professional stream of the MInfTech (IF13) course, applicants must also 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); 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 the Faculty of Information Technology that the applicant possesses the capacity to pursue the course of study.

Category II

For entry into the combined MBA and IT professional stream of the MInfTech (IF15) course, applicants must have:

- a Bachelor's degree in Information Technology with grade point average of at least 4.5 (on a 7-point scale); or
- 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.

Mature students with no prior degree

Individuals with no degree and at least five years business experience with demonstrated potential for graduate study in business, will be considered for special entry by the Brisbane Graduate School of Business. Entry into the Graduate Diploma or Master

of Information Technology component of the double degree is conditional on achieving a grade point average of 4.5 or better (on a 7-point scale) in the MBA component of the double degree program and satisfying points b) and c) of Category I conditions of entry as stated above. A student who fails to achieve a GPA of 4.5 or better but satisfactorily passes the MBA component of the double degree program and have completed all core MBA units plus 48 cp of elective units will exit with an MBA award only.

Students with prior business degree but without two years business experience

Applicants with a prior degree in a business area but less than two years relevant business experience may be considered for entry to the MBA under the Special Entry provisions operating within the BGSB. They may be admitted to the courses if their grade point average and/or GMAT or similar graduate management aptitude test score is sufficiently high to compensate for the absence of work experience.

Full-time Course Structure

One way to complete the MBA/MInfTech double degree program is demonstrated in the following structure. Note that the first semester would constitute the GradCertBusAdmin program, and the first and second semesters together would constitute the GradDipBusAdmin program which are currently approved courses that a student can exit with if they are unable to continue with the full program.

First Semester, First Half

GSN401	Managing in the Global Business Environment
GSN407	Professional Communication 1
GSN408	Marketing Management 1
GSN410	Entrepreneurship 1**

First Semester, Second Half

GSN402	Strategic Management of IT
GSN403	Understanding Data
GSN404	Financial Statements Analysis 1
GSN409	Organisational Behaviour 1**

Second Semester, First Half

GSN411	Economics of Strategy 1
GSN405	Strategic Management
GSN413	Financial Management 1
GSN415	Leadership 1

Second Semester, Second Half

GSN414	Business Conditions Analysis 1
GSN406	Issues in Human Resource Management
GSN416	Business Plans 1
GSN412	Business Law 1

Third Semester

4 x IT Management units (List A)

Fourth Semester

- 2 x IT elective units: Non- IT graduates (List B); IT graduates (List C)
- 2 x IT elective units (List C)

Fifth Semester

- 4 x IT elective units (List C)

** International students are normally required to undertake MIN435 Business in Australia in their first semester of study instead of GSN410 and GSN409, and should defer these two core units to a later teaching period. This requirement would be waived for students undertaking the double degree program if sufficient evidence can be provided that they have undertaken similar studies in a prior degree, or have worked or studied previously in Australia. International students gain credit for MIN435 as an IT Management elective unit.

LIST A

Students will be required to undertake the following units:

- ITN105 Study of Information Technology (compulsory)
 - ITN212 Information Modelling for Databases, and
- Three of the following IT Management electives:
- ITN215 Management Support Systems
 - ITN220 Major Issues in Information Systems
 - ITN251 Issues in Information Technology Management
 - ITN252 Process Engineering
 - ITN255 Knowledge Management & Enterprise Wide Systems
 - ITN330 Information Issues & Values
 - ITN341 Information Policy & Planning
 - ITN343 Principles of Information Management
 - ITN355 Information Resources for Business & Industry

LIST B

Students undertaking the non-IT professional stream (IF13) will be required to complete the following core IT units:

- ITN410 Software Principles
- ITN510 Data Networks

LIST C

Students in the non-IT professional stream should refer to the course outline for Master of Information Technology (IT45) for a list of electives; students in the IT professional stream should refer to the course outline for Master of Information Technology (IT40) for a list of electives.

Availability of Information Technology Unit

Students should be aware that the Faculty of Information Technology currently only offers compulsory units from the non-IT professional stream (IF13) during the Summer Program.

■ Graduate Diploma in Facilities Management (IF92)

This course is offered jointly by the School of Construction Management and Property in the Faculty of Built Environment and Engineering, and the Brisbane Graduate School of Business in the Faculty of Business.

Location: Gardens Point campus

Course Duration: 2 years part-time, 1 year full-time

Total Credit Points: 96

Standard Credit Points/Part-time Semester: 24

Course Coordinator: Associate Professor Danny Then

Entry Requirements

- Successful completion of IF91; OR
- A relevant Bachelor degree from an approved tertiary institution; OR
- Professional qualifications deemed equivalent to the above by the Deans of the Faculties involved on the recommendation of the course coordinator; AND
- At least two years of appropriate work experience.

Professional Recognition

This course has been designed in association with the Facilities Management Association of Australia. Accreditation is currently being sought from the FMA Australia and the British Institute of Facilities Management (BIFM).

Course Structure

Students who commence mid-year should enrol in semester 2 units. Units offered by the School of Construction Management and Property are 12 credit points. Units offered by the Brisbane Graduate School of Business are 6 credit points.

Part-time Course Structure**Year 1, Semester 1**

- CNP100 Fundamentals of Facilities Management
2 units from List A

Year 1, Semester 2

- CNP101 Facilities Support Services Management OR
- CNP546 Strategic Asset Management & Maintenance
2 units from List A

Year 2, Semester 1

- CNP102 Space Planning & Workplace Strategies
2 units from List A

Year 2, Semester 2

- CNP101 Facilities Support Services Management OR
- CNP546 Strategic Asset Management & Maintenance
2 units from List A

Full-time Course Structure

Year 1, Semester 1

CNP100	Fundamentals of Facilities Management
CNP102	Space Planning & Workplace Strategies 4 units from List A

Year 1, Semester 2

CNP101	Facilities Support Services Management
CNP546	Strategic Asset Management & Maintenance 4 units from List A

List A

GSN401	Managing in the Global Business Environment
GSN402	Strategic Use of Information Technology
GSN404	Financial Statements Analysis 1
GSN407	Professional Communication 1
GSN405	Strategic Management
GSN406	Human Resources Management Issues
GSN409	Organisational Behaviour 1
GSN415	Leadership 1

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

In addition to the above units, it is strongly recommended that all graduate diploma students attend an Information Retrieval Skills session organised by the QUT Library.

Graduates of this course can articulate into the Master of Facilities Management (CN75) offered by the School of Construction Management and Property, or the Master of Business Administration (Professional) (GS10) offered by the Brisbane Graduate School of Business.

■ Graduate Certificate in Facilities Management (IF91)

This course is offered jointly by the School of Construction Management and Property in the Faculty of Built Environment and Engineering, and the Brisbane Graduate School of Business in the Faculty of Business.

Location: Gardens Point campus

Course Duration: 1 year part-time, 1 semester full-time

Total Credit Points: 48

Standard Credit Points/Part-time Semester: 24

Course Coordinator: Associate Professor Danny Then

Entry Requirements

- A relevant Bachelor degree from an approved tertiary institution; OR
- Professional qualifications deemed equivalent to the above by the Deans of the Faculties involved on the recommendation of the course coordinator;

AND

- At least two years of appropriate work experience.

Candidates with extensive relevant professional experience but without academic qualification may also be considered for admission. Such candidates may be required to attend an interview.

Professional Recognition

This course has been designed in association with the Facilities Management Association of Australia (FMA). Accreditation is currently being sought from the FMA Australia and the British Institute of Facilities Management (BIFM).

Course Structure

Students who commence mid-year should enrol in semester 2 units. Units offered by the School of Construction Management and Property are 12 credit points. Units offered by the Brisbane Graduate School of Business are 6 credit points.

Part-time Course Structure

Year 1, Semester 1

CNP100	Fundamentals of Facilities Management 2 units from List A
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Year 1, Semester 2

CNP101	Facilities Support Services Management OR
CNP546	Strategic Asset Management & Maintenance 2 units from List A

Full-time Course Structure

Year 1, Semester 1

CNP100	Fundamentals of Facilities Management
CNP102	Space Planning & Workplace Strategies 4 units from List A

List A

GSN401	Managing in the Global Business Environment
GSN402	Strategic Use of Information Technology
GSN404	Financial Statements Analysis 1
GSN407	Professional Communication 1
GSN405	Strategic Management
GSN406	Human Resources Management Issues
GSN409	Organisational Behaviour 1
GSN415	Leadership 1

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

In addition to the above units, it is strongly recommended that all Graduate Certificate students attend an Information Retrieval Skills session organised by the QUT Library.

Graduates of this course have the opportunity to articulate into the Graduate Diploma in Facilities Management (IF92).

■ Honours Degrees

1. General

1.1 These regulations apply to Honours degrees consisting of an additional year of full-time study (or equivalent) following completion of an undergraduate pass degree. The policy does not apply to pass degrees which may be awarded with Honours.

1.2 Faculties are required to make a submission to Academic Committee for an Honours program in the form of a new course proposal. Such a proposal should seek approval for a single Honours program covering the full range of majors offered within an undergraduate award, whether or not all majors are to be offered at Honours level.

1.3 Faculties are expected to produce statements of procedures to be read with, or which may incorporate, this policy statement.

1.4 Each Honours program will be assigned a separate quota.

2. Admission to an Honours Degree

2.1 Students who wish to undertake an Honours program should normally apply for admission to it at the end of the final year of their pass degree, or within 18 months of completing that degree.

2.2 In order to be considered eligible for admission, students should have attained a grade point average of at least 5.0 or an average grade of credit over the entire basic course, including grades of at least credit in all units directly relevant to, or specified as prerequisite for, the proposed Honours program.

2.3 However, students 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.

3. Duration

3.1 Except in special circumstances as approved by the Dean, the requirements for an Honours degree must be completed within two successive years following first enrolment.

4. Program Requirements

4.1 Honours programs must comprise one year of full-time study or equivalent with at least 25 per cent of the credit points associated with the course to be allocated to a project or dissertation.

4.2 Faculties are responsible for providing candidates with program outlines which specify the distribution of credit point load between project/dissertation and coursework, the procedure for project or dissertation approval and a concise statement of Faculty

requirements, supervision arrangements, and procedures for examining project reports and dissertations.

5. Unsatisfactory Progress

5.1 Failure to make satisfactory progress with either the coursework component of an Honours program or with the project/dissertation, or both, may lead to exclusion from the program.

5.2 Unsatisfactory progress consists of:

- receiving a grade of less than 4 (or Satisfactory, where applicable) in one unit of the coursework component
- failure to make sufficient progress with the project or dissertation component, in the opinion of the Dean.

5.3 A student who is excluded from or otherwise fails to complete an Honours program will not normally be readmitted to that program.

6. Assessment

6.1 The minimum grade which may be credited towards an Honours degree is 4 (or Satisfactory, where applicable).

6.2 A minimum of three copies of a dissertation should be presented to the supervisor for examination. Dissertations should be temporarily bound in order to facilitate the making of any revisions and editorial changes required by examiners before final printing and binding.

6.3 Project reports and dissertations will be examined by an examining committee appointed by the Dean and consisting of at least two examiners, one of whom may be external to the University. The supervisor of the candidates work may be a member of the committee but may not chair the committee or act as the primary examiner.

7. Determination of Level of Honours Awards

7.1 The Faculty Academic Board, on advice from the school, will determine the level of Honours to be awarded.

7.2 Honours degrees will be awarded at the following levels after account is taken of the candidates performance in all units and appropriate weight applied to the project or dissertation:

Honours 1	First Class Honours
Honours 2A	Second Class Honours, Division A
Honours 2B	Second Class Honours, Division B
Honours 3	Third Class Honours

7.3 The level of Honours award is to be determined by guidelines, as follows:

- Honours 1 Grade point average of 6.50-7.00, or equivalent
- Honours 2A Grade point average of 5.50-6.49, or equivalent
- Honours 2B Grade point average of 4.50-5.49, or equivalent
- Honours 3 Grade point average of 4.00-4.49, or equivalent.

7.4 A candidate who does not reach the standard required for Honours 3 remains with a pass degree.

■ Bachelor of Applied Science/ Bachelor of Education (Early Childhood) (IF83)

Location: Gardens Point and Kelvin Grove campuses

Course Duration: 4 years full-time

Total Credit Points: 384

Standard Credit Points/Full-time Semester: 48

Course Coordinators:

Science: Dr Neville Bofinger

Education: Dr Jenny Campbell

Course Structure

Year 1, Semester 1

- 3 Science units from the SC01¹ List A units
EAB442 Early Childhood Foundations 1

Year 1, Semester 2

- 3 Science units from the SC01¹ List B units
CLB305 Education in Context

Year 2, Semester 1

- 3 Science units from the SC01¹ Second Level
EAB347 Early Childhood Curriculum: Early Mathematics Explorations

Year 2, Semester 2

- 4 Science units from the SC01¹ Second or Third Levels

Year 3, Semester 1

- 3 Science units from the SC01¹ Second or Third Levels
PRB424 Early Childhood Professional Practice: Preschool/Kindergarten

Year 3, Semester 2

- EAB345 Early Childhood Curriculum: Language Education
EAB443 Early Childhood Foundations 2
LEB335 Human Development & Education
PRB423 Early Childhood Professional Practice: Lower Primary

Year 4, Semester 1

- EAB348 Early Childhood Curriculum: Arts
EAB413 Management of Early Childhood Services
LEB336 Psychology of Learning & Teaching
PRB422 Early Childhood Professional Practice: Child Care

Year 4, Semester 2

- CLB306 Understanding Educational Practices
EAB346 Early Childhood Curriculum: Science/Society & the Environment
EAB444 Early Childhood Foundations 3
PRB425 Early Childhood Professional Practice: Choice

■ Bachelor of Applied Science/ Bachelor of Education (Primary) (IF84)

Location: Gardens Point and Kelvin Grove campuses

Course Duration: 4 years full time

Total Credit Points: 384

Standard Credit Points/Full-time Semester: 48

Course Coordinators:

Science: Dr Neville Bofinger

Education: Dr Jenny Campbell

General Entry Requirements

Applicants are required to have reached a minimum of Sound Achievement in English over four semesters at senior level (or equivalent), to have reached a minimum of Sound Achievement in Mathematics B over four semesters at Senior level (or equivalent), and to be within the OP offer range for the higher of the Bachelor of Applied Science (SC01) or the Bachelor of Education (Primary) (ED51) programs.

Course Structure

Year 1, Semester 1

- 3 Science units from the SC01¹ List A units
CLB305 Education in Context

Year 1, Semester 2

- 3 Science units from the SC01¹ List B units
MDB383 Using Technology in the Curriculum

Year 2, Semester 1

- 3 Science units from the SC01¹ Second Level
PRB387 Studies of Society & Environment Curriculum

Year 2, Semester 2

- 3 Science units from the SC01¹ Second or Third Levels
PRB347 Primary Professional Practice 1: Classroom Management

¹ Specific Science units are dependent on the major selected; note that the Science units undertaken must include at least four from the SC01 Third Schedule and that SC01 core requirements must be met.

Year 3, Semester 1

4 Science units from the SC01¹ Second or Third Levels

Year 3, Semester 2

CLB454 Language & Literacy Curriculum
LEB335 Human Development & Education
MDB384 Science Education
PRB348 Primary Professional Practice 2: Curriculum Decision Making

Year 4, Semester 1

HMB307 Health & Physical Education Curriculum
PRB349 Primary Professional Practice 3: The Inclusive Curriculum
MDB450 Primary Mathematics Curriculum
CLB413 Programming & Assessment in Language & Mathematics

Year 4, Semester 2

AAB914 Visual & Performing Arts Curriculum
CLB306 Understanding Educational Practices
LEB336 Psychology of Learning & Teaching
PRB350 Primary Professional Practice 4: Reflective Practice

**Transitional Course Structure
(for continuing students who commenced
in 1999)**

Year 2, Semester 1

3 Science units from the SC01¹ Second Schedule
PRB387 Studies of Society & Environment Curriculum

Year 2, Semester 2

3 Science units from the SC01¹ Second or Third Schedules
PRB347 Primary Professional Practice 1: Classroom Management

Year 3, Semester 1

4 Science units from the SC01¹ Second or Third Schedules

Year 3, Semester 2

MDB383 Using Information Technology in the Curriculum
PRB348 Primary Professional Practice 2: Curriculum Decision Making
CLB343 Language/Mathematics Curriculum 2
MDB384 Science Education

Year 4, Semester 1

LEB335 Human Development & Education
PRB349 Primary Professional Practice 3: The Inclusive Curriculum
HMB307 Health & Physical Education Curriculum
CLB413 Programming & Assessment in Language & Mathematics

Year 4, Semester 2

CLB306 Understanding Educational Practices
PRB350 Primary Professional Practice 4: Reflective Practice
AAB914 Visual & Performing Arts Curriculum
LEB336 Psychology of Learning & Teaching

**■ Bachelor of Applied Science/
Bachelor of Education
(Secondary) (IF71)**

Locations: Gardens Point and Kelvin Grove campuses

Course Duration: 4 years full-time

Total Credit Points: 432

Standard Credit Points/Full-time Semester: 54 (average)

Course Coordinators:

Science: Dr Neville Bofinger

Education: Dr Jenny Campbell

Full-time Course Structure

Year 1, Semesters 1 and 2; Year 2, Semesters 1 and 2; Year 3, Semester 1

Completion of 240 credit points in units offered by the Faculty of Science meeting all the requirements for the core units and a major as specified for the SC01 program and an approved range of units suitable for general science or mathematics and the units CLB305 Education in Context, LEB335 Human Development and Education, LEB336 Psychology of Learning and Teaching, CLB341 Language Technology and Education.

Year 3, Semester 2

PRB343 Secondary Professional Practice 1: Classroom Management
PRB344 Secondary Professional Practice 2: Curriculum Decision Making
Curriculum Studies 1X²
Curriculum Studies 1Y²

Year 4, Semester 1

CLB306 Understanding Educational Practices
PRB345 Secondary Professional Practice 3: The Inclusive Curriculum
Curriculum Studies 2X²
Curriculum Studies 2Y²

Year 4, Semester 2

PRB346 Secondary Professional Practice 4: Beginning Teaching
Education Studies elective²
Education Studies elective²
Curriculum Studies elective²

¹ Specific Science units are dependent on the major selected; note that the Science units undertaken must include at least four from the SC01 Third Schedule and that SC01 core requirements must be met.

² Refer to the ED50 Bachelor of Education (Secondary) entry in the Faculty of Education section for details of available units

OR

Middle Years Pathway

LEB450	Middle Years of Schooling
PRB346	Secondary Professional Practice 4: The Beginning Teacher
PRB426	The Middle Years Curriculum
PRB427	Professional Internship of Associate Teaching (prerequisite: GPA \geq 5)

■ Bachelor of Applied Science/ Bachelor of Information Technology (IF29)

Location: Gardens Point campus

Course Duration: 4 years full-time

Total Credit Points: 408 (Note: the minimum course load per semester required for full-time enrolment may be more than 48 credit points)

Course Coordinators:

Science: Dr Neville Bofinger

Information Technology: Dr Colin Boyd

Course Structure

Students must complete 204 credit points of science with at least 48 credit points from Level 3.

BIOCHEMISTRY MAJOR

Year 1, Semester 1

ITB105	Study of Information Technology
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	Communication Networks
LSB238	Cell & Molecular Biology 1
NRB270	Animal & Plant Structure & Function

Year 2, Semester 1

ITB412	Technology of Information Systems
ITB421	Software Development 3 (UNIX & C)
ITB537	Internet Applications
LSB142	Human Anatomy & Physiology
PCB142	Chemistry 1

Year 2, Semester 2

ITB535	Network Administration
ITB538	Network Technology
MAB101	Statistical Data Analysis 1
PCB242	Chemistry 2

Year 3, Semester 1

ITB420	Computer Architecture
LSB308	Biochemistry
LSB338	Cell & 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

Year 4, Semester 2

LSB607	Protein Purification
LSB608	Protein Science IT Specialisation unit selected from List 1 IT Specialisation unit selected from List 1

BIOTECHNOLOGY MAJOR (MEDICAL STRAND)

Year 1, Semester 1

ITB105	Study of Information Technology
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	Communication Networks
LSB238	Cell & Molecular Biology 1
NRB270	Animal & Plant Structure & Function

Year 2, Semester 1

ITB412	Technology of information systems
ITB421	Software Development 3 (UNIX & C)
ITB537	Internet Applications
LSB142	Human Anatomy & Physiology
PCB142	Chemistry 1

Year 2, Semester 2

ITB535	Network Administration
ITB538	Network Technology
MAB101	Statistical Data Analysis 1
PCB242	Chemistry 2

Year 3, Semester 1

ITB420	Computer Architecture
LSB308	Biochemistry
LSB338	Cell & 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

CHEMISTRY MAJOR**Year 1, Semester 1**

ITB105	Study of Information Technology
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	Communication Networks
MAB101	Statistical Data Analysis 1
LSB118	Life Science

Year 2, Semester 1

ITB412	Technology of Information Systems
ITB421	Software Development 3 (UNIX & C)
ITB537	Internet Applications
NRB100	Environmental Science
PCB142	Chemistry 1

Year 2, Semester 2

ITB535	Network Administration
ITB538	Network Technology
PCB242	Chemistry 2
PCB250	Physics 1

Year 3, Semester 1

ITB420	Computer Architecture
PCB305	Principles of Physical Chemistry
PCB354	Structure & 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 & Reactivity in Organic Chemistry
	IT Specialisation Unit selected from List 1

Year 4, Semester 2

PCB634	Organometallic & Coordination Chemistry
PCB644	Frontiers in Chemistry
	IT Specialisation unit selected from List 1
	IT Specialisation unit selected from List 1

ECOLOGY**Year 1, Semester 1**

ITB105	Study of Information Technology
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	Communication Networks
LSB118	Life Science
NRB200	Environment of South East Queensland

Year 2, Semester 1

ITB412	Technology of Information Systems
ITB421	Software Development 3 (UNIX & C)
ITB537	Internet Applications
MAB101	Statistical Data Analysis 1
PCB142	Chemistry 1

Year 2, Semester 2

ITB535	Network Administration
ITB538	Network Technology
LSB238	Cell Biology
NRB270	Animal & Plant Structure & 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	Applied Ecology
NRB611	Conservation Biology
	IT Specialisation unit selected from List 1
	IT Specialisation unit selected from List 1

ENVIRONMENTAL SCIENCE MAJOR

This 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.

(Example of ecology emphasis)**Year 1, Semester 1**

ITB105	Study of Information Technology
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	Communication Networks
MAB100	Mathematical Sciences 1A
NRB200	Environment of South East Queensland

Year 2, Semester 1

ITB412	Technology of information systems
ITB421	Software development 3 (UNIX & C)
ITB537	Internet Applications
LSB118	Life Science
PCB142	Chemistry 1

Year 2, Semester 2

ITB535 Network Administration
ITB538 Network Technology
MAB101 Statistical Data Analysis 1
NRB270 Animal & Plant Structure & 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
NRB410 Genetics
NRB400 Environmental Systems

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 Resource Management
NRB611 Conservation Biology
IT Specialisation unit selected from List 1
IT Specialisation unit selected from List 1

GEOSCIENCE MAJOR

Year 1, Semester 1

ITB105 Study of Information Technology
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 Communication Networks
NRB200 Environment of South East Queensland
PCB250 Physics 1

Year 2, Semester 1

ITB412 Technology of Information Systems
ITB421 Software Development 3 (UNIX & C)
ITB537 Internet Applications
MAB101 Statistical Data Analysis 1
PCB142 Chemistry 1

Year 2, Semester 2

ITB535 Network Administration
ITB538 Network Technology
NRB230 Planet Earth
PCB242 Chemistry 2

Year 3, Semester 1

ITB420 Computer Architecture
NRB330 Structural Geology
NRB333 Mineralogy
IT Specialisation unit selected from List 1

Year 3, Semester 2

ITB424 Software Engineering Principles
ITB448 Object Technology
NRB431 Geological Field Methods
NRB432 Lithology & Petrography

Year 4, Semester 1

ITB432 Advanced Programming Laboratory
Any two level 3 units from the Geoscience major
IT Specialisation unit selected from List 1

Year 4, Semester 2

IT Specialisation unit selected from List 1
IT Specialisation unit selected from List 1

MICROBIOLOGY MAJOR

Year 1, Semester 1

ITB105 Study of Information Technology
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 Communication Networks
LSB238 Cell Biology
NRB270 Animal & Plant Structure & Function

Year 2, Semester 1

ITB412 Technology of Information Systems
ITB421 Software Development 3 (UNIX & C)
ITB537 Internet Applications
MAB100 Mathematical Sciences 1A
PCB142 Chemistry 1

Year 2, Semester 2

ITB535 Network Administration
ITB538 Network Technology
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

PHYSICS MAJOR

Year 1, Semester 1

ITB105 Study of Information Technology
ITB225 Introduction to Databases
ITB410 Software Development 1
MAB180 Engineering Mathematics 1 OR

MAB131 Engineering Mathematics 1A
PCB101 Physical Science

Year 1, Semester 2

ITB107 Programming Laboratory
ITB411 Software Development 2
ITB510 Communication Networks
MAB132 Engineering Mathematics 1B

Year 2, Semester 1

ITB412 Technology of Information Systems
ITB421 Software Development 3 (UNIX & C)
ITB537 Internet Applications
MAB134 Engineering Mathematics 3
PCB107 Physics & Quantitative Techniques

Year 2, Semester 2

ITB535 Network Administration
ITB538 Network Technology
PCB250 Physics 1
PCB260 Physics 1A

Year 3, Semester 1

ITB420 Computer Architecture
IT Specialisation unit selected from List 1
PCB362 Physics 2
PCB361 AC Theory & Electronics

Year 3, Semester 2

ITB424 Software Engineering Principles
ITB448 Object Technology
PCB460 Instrumentation & Computational Methods
PCB462 Thermodynamics & Solid State Physics

Year 4, Semester 1

ITB432 Advanced Programming Laboratory
PCB561 Quantum & 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

ITB426 Operating Systems
ITB433 Programming Languages
ITB441 Graphics
ITB442 Foundations of Artificial Intelligence
ITB447 Project
ITB450 Advanced Computer Architecture
ITB454 Software Quality Assurance
ITB456 Graphics User Interfaces
ITB458 Java & Extensible Programming
ITB461 Foundations of Neurocomputing
ITB463 Foundations of Pattern Recognition
ITB464 Modern Compiler Construction
ITB466 Component Technology

ITB468 Software Engineering Project
ITB469 Unix Programming & System Administration
ITB470 Windows Programming & System Administration

Data Communications

ITB531 Application Services
ITB532 Network Management
ITB533 Comparative Network Systems
ITB539 Data Communications Project
ITB542 Network Programming
ITB543 Data Security
ITB548 Introduction to Cryptology
ITB551 Network Planning

■ Bachelor of Applied Science/ Bachelor of Laws (IF39)

Location: Gardens Point campus

Course Duration: 5 years full-time

Total Credit Points: 528

Standard Credit Points/Full-time Semester: 60
(Years 1 & 4), 48 (Years 2, 3, & 5)

Course Coordinators:

Science: Dr Neville Bofinger

Law: Ms Lindy Willmott

All commencing students will enter the Bachelor of Applied Science/Bachelor of Laws (IF39) course.

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.

Full-time Course Structure

For detailed information on the range and availability of units within the applied sciences refer to the entry for Bachelor of Applied Science (SC01) in the Faculty of Science section.

Year 1, Semester 1

Introduction to Legal Research
LWB141 Legal Institutions & Method
LWB142 Law, Society & Justice
3 Science units from SC01 List A³

Year 1, Semester 2

LWB143 Legal Research & Writing
LWB144 Laws & Global Perspectives
3 Science units from SC01 List B³

Year 2, Semester 1

LWB136 Contracts A
3 Science units from SC01 Second Level³

³ Students will be required to attend an advisory session with an academic adviser to select their Science units. Note that the Science units undertaken must include at least four from the SC01 Third Schedule and that SC01 core requirements must be met.

Year 2, Semester 2

LWB137 Contracts B
3 Science units from SC01 Second Level³

Year 3, Semester 1

LWB138 Fundamentals of Torts
LWB232/1 Criminal Law & Procedure
2 Science units from SC01 Third Level³

Year 3, Semester 2

LWB139 Select Issues in Torts
LWB232/2 Criminal Law & Procedure
2 Science Units from SC01 Third Level³

Year 4, Semester 1

LWB231 Introduction to Public Law
LWB233/1 Real Property
LWB234/1 Equity & Trusts
LWB332 Commercial & Personal Property Law
LWB333 Theories of Law

Year 4, Semester 2

LWB233/2 Real Property
LWB234/2 Equity & Trusts
LWB235 Australian Federal Constitutional Law
LWB331 Administrative Law
LWB334 Corporate Law

Year 5, Semester 1

LWB431 Civil Procedure
LWB432 Evidence
LWB434 Advanced Research & Legal Reasoning
Elective units⁴

Year 5, Semester 2

LWB433 Professional Responsibility
Elective units⁴

Elective Units

For information on the availability of law elective units, refer to relevant section in the Bachelor of Laws course entry in the Faculty of Law section.

Cooperative Education Program

Any student who has completed the first three years of the course normally with a GPA of not less than 4.5 overall, may, at the discretion of the Director of Academic Programs in the Faculty of Science and the Head of Law School in the Faculty of Law, undertake a Cooperative Education 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 cooperative education placement the student resumes formal studies.

■ Bachelor of Applied Science (Environmental Science)*/ Bachelor of Health Science (Environmental Health) (IF87)

Location: Gardens Point and Kelvin Grove campuses

Course Duration: 4 years full-time

Total Credit Points: 408

Standard Credit Points/Full-time Semester: 48 (the minimum course load per semester required for full-time enrolment may be more than 48 credit points)

Course Coordinators:

Science: Dr Neville Bofinger

Health: Dr Sandra Capra

*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.

Course Structure

CHEMISTRY STRAND

Year 1, Semester 1

NRB100 Environmental Science
LSB118 Life Science
LSB142 Human Anatomy & Physiology
PCB101 Physical Science⁵ OR
PCB150 Physics 1H⁵

Year 1, Semester 2

PCB142 Chemistry 1
PCB242 Chemistry 2
PCB263 Physics 2E
MAB101 Statistical Data Analysis

Year 2, Semester 1

NRB300 Environmental Monitoring
PUB107 Introduction to Environmental Health
PUB257 Environmental Protection
PCB305 Principles of Physical Chemistry
NRB312 Experimental Design

³ Students will be required to attend an advisory session with an academic adviser to select their Science units. Note that the Science units undertaken must include at least four from the SC01 Third Schedule and that SC01 core requirements must be met.

⁴ A student is required to complete a total of 48 credit points of elective units for the Bachelor of Laws component. A student may undertake, as electives, units offered by other faculties or schools but limitations are imposed on the number of introductory units which may be undertaken. Before undertaking such units, a student must obtain the approval of the Faculty of Law and the faculty or school responsible for the units or course. Approval by the Faculty of Law will require a student to demonstrate that the units selected form a coherent program.

⁵ Students with a Sound Achievement in Senior Chemistry (or equivalent) are recommended to enrol in PUB150. Students without a chemistry background will take PCB101.

Year 2, Semester 2

NRB400	Environmental Systems
NRB440	Environmental Chemistry
PCB414	Industrial & Environmental Chemistry
PUB307	Environmental Pollution
PUB251	Contemporary Public Health

Year 3, Semester 1

NRB500	Environmental Modelling
PCB514	Instrumental Analysis
PUB314	Epidemiology & Statistics
LSB415	Microbiology

Year 3 Semester 2

NRB600	Issues in Resource Management
NRB640	Physical Chemistry of the Environment
PUB403	Environmental Health Management A
PUB316	Research Methods

Year 4 Semester 1

PUB112	Introduction to Occupational Health & Safety
CNB171	Construction 1
PUB510	Environmental Health Management B
PUB517	Food Hygiene Studies

Year 4 Semester 2

PUB608	Environmental & Occupational Toxicology
PUB604	Environmental Health Management C
PUB611	Risk Management
PUB621	Environmental Health Practice

ECOLOGY STRAND**Year 1, Semester 1**

NRB100	Environmental Science
LSB118	Life Science
LSB142	Human Anatomy & Physiology
PCB101	Physical Science ⁵ OR
PCB150	Physics 1H ⁵

Year 1, Semester 2

PCB142	Chemistry 1
PCB242	Chemistry 2
PCB263	Physics 2E
MAB101	Statistical Data Analysis

Year 2, Semester 1

NRB300	Environmental Monitoring
PUB107	Introduction to Environmental Health
PUB200	Environmental Protection
NRB311	Population Ecology
NRB312	Experimental Design

Year 2, Semester 2

NRB400	Environmental Systems
PUB307	Environmental Pollution
PUB251	Contemporary Public Health
NRB410	Genetics

Year 3, Semester 1

NRB500	Environmental Modelling
PUB314	Epidemiology & Statistics
CNB171	Construction
NRB511	Population Management
LSB415	Microbiology

Year 3 Semester 2

NRB600	Issues in Resource Management
NRB611	Conservation Biology
PUB403	Environmental Health Management A
PUB316	Research Methods

Year 4 Semester 1

PUB112	Introduction to Occupational Health & Safety
PUB510	Environmental Health Management B
PUB517	Food Hygiene Studies
PSB102	Integrated Planning Act

Year 4 Semester 2

PUB608	Environmental & Occupational Toxicology
PUB604	Environmental Health Management C
PUB611	Risk Management
PUB621	Environmental Health Practice

■ Bachelor of Applied Science (Mathematics)/Bachelor of Business (IF60)

With majors in Accountancy, Banking & Finance, and Economics.

Location: Gardens Point campus

Course Duration: 4 years full-time

Total Credit Points: 432

Standard Credit Points/Full-time Semester: 54 (average)

Course Coordinators:

Science: Dr Jack Wrigley

Business: Mr Andrew Paltridge

Major Coordinators:

Accountancy: Dr John Sweeting

Banking & 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 Inc. and, depending on unit selection, the Australian Society for Operations Research as well as the Economic Society of Australia (Qld) and the Australian Institute of Management. Students may meet the educational requirements for membership of the Australian Institute of Banking & Finance, the Chartered Secretaries Australia Ltd, CPA Australia and the Institute of Chartered Accountants in Australia (ICAA), again depending on unit selection.

Course structure

Students must complete 432 credit points comprised of 204 credit points from the Bachelor of Applied Science (Mathematics) and 228 credit points from

⁵ Students with a Sound Achievement in Senior Chemistry (or equivalent) are recommended to enrol in PUB150. Students without a chemistry background will take PCB101.

the Bachelor of Business. Students supplement the mathematics component of this program with the 96 credit point faculty core units from the Bachelor of Business together with a 60* 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:

- (i) Double Major (six units); or
- (ii) Extended Major (six units); or
- (iii) Specialisation (six units).

Recommended combinations are:

Accountancy

Extended major in Professional Accounting

Banking & Finance Major

Extended major in Banking

Extended major in Financial Economics

Extended major in Funds Management

Double major in Economics

Economics Major

Extended major in Financial Economics

Double major in Banking & Finance

*Please note that EFB101 Data Analysis for Business which is normally undertaken in the majors of Accountancy, Banking & Finance, and Economics, is not required as the content will be covered in the statistics units from the mathematics component of the program.

At least 48 credit points of the mathematics electives must be from Level 3 units.

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 BSB117 Professional Communication & Negotiation is deferred until Year 3, Semester 1.

ACCOUNTANCY MAJOR

For students with four semesters of both Senior Mathematics B & Senior Mathematics C, at a level of Sound Achievement or better (or equivalent).

Year 1, Semester 1

BSB110 Accounting

BSB113 Economics

MAB101 Statistical Data Analysis 1

MAB111 Mathematical Sciences 1B

Year 1, Semester 2

BSB112 Introduction to Electronic Commerce

BSB117 Professional Communication & Negotiation

MAB112 Mathematical Sciences 1C

MAB210 Statistical Modelling 1

Double major/extended major/specialisation unit

Year 2, Semester 1

BSB114 Government, Business & Society

AYB121 Financial Accounting

MAB311 Advanced Calculus

MAB313 Mathematics of Finance

Year 2, Semester 2

BSB116 Marketing & International Business

AYB220 Company Accounting

MAB220 Computational Mathematics 1

Mathematics elective (Level 2 or 3)

Double major/extended major/specialisation unit

Year 3, Semester 1

AYB120 Business Law

AYB225 Management Accounting 1

Mathematics elective (Level 2 or 3)

Mathematics elective (Level 2 or 3)

Double major/extended major/specialisation unit

Year 3, Semester 2

BSB111 Business Law & Ethics

Mathematics elective (Level 2 or 3)

Mathematics elective (Level 2 or 3)

Double major/extended major/specialisation unit

Year 4, Semester 1

AYB301 Auditing

Double major/extended major/specialisation unit

Mathematics elective (Level 2 or 3)

Mathematics elective (Level 2 or 3)

Mathematics elective (Level 2 or 3)

Year 4, Semester 2

BSB115 Management, People & Organisations

Double major/extended major/specialisation unit

Mathematics elective (Level 2 or 3)

Mathematics elective (Level 2 or 3)

For students with four semesters of Senior Mathematics B (or equivalent) only, at a level of Sound Achievement or better:

Year 1, Semester 1

BSB110 Accounting

BSB113 Economics

MAB100 Mathematical Sciences 1A

MAB101 Statistical Data Analysis 1

Year 1, Semester 2

BSB112 Introduction to Electronic Commerce

MAB111 Mathematical Sciences 1B

MAB112 Mathematical Sciences 1C

MAB210 Statistical Modelling 1

Double major/extended major/specialisation unit

Year 2 to 4 program as above except the unit:

BSB117 Professional Communication & Negotiation

replaces one of the Mathematics electives

BANKING & FINANCE MAJOR

For students with four semesters of both Senior Mathematics B & Senior Mathematics C, at a level of Sound Achievement or better.

Year 1, Semester 1

BSB110 Accounting

BSB113 Economics

MAB101 Statistical Data Analysis 1
MAB111 Mathematical Sciences 1B

Year 1, Semester 2

BSB112 Introduction to Electronic Commerce
BSB117 Professional Communication & Negotiation
EFB102 Economics 2
MAB112 Mathematical Sciences 1C
MAB210 Statistical Modelling 1

Year 2, Semester 1

BSB116 Marketing & International Business
EFB210 Finance 1
MAB311 Advanced Calculus
MAB313 Mathematics of Finance

Year 2, Semester 2

BSB114 Government, Business & Society
EFB307 Finance 2
EFB312 International Finance & Economics
MAB220 Computational Mathematics 1
Mathematics elective (Level 2 or 3)

Year 3, Semester 1

BSB115 Management, People & Organisations
Mathematics elective (Level 2 or 3)
Mathematics elective (Level 2 or 3)
Double major/extended major/specialisation unit
Double major/extended major/specialisation unit

Year 3, Semester 2

BSB111 Business Law & Ethics
Mathematics elective (Level 2 or 3)
Double major/extended major/specialisation unit
Double major/extended major/specialisation unit

Year 4, Semester 1

EFB201 Financial Markets
Double major/extended major/specialisation unit
Mathematics elective (Level 2 or 3)
Mathematics elective (Level 2 or 3)
Mathematics elective (Level 2 or 3)

Year 4, Semester 2

Double major/extended major/specialisation unit
Mathematics elective (Level 2 or 3)
Mathematics elective (Level 2 or 3)
Mathematics elective (Level 2 or 3)

For students with four semesters of Senior Mathematics B (or equivalent) only, at a level of Sound Achievement or better:

Year 1, Semester 1

BSB110 Accounting
BSB113 Economics
MAB100 Mathematical Sciences 1A
MAB101 Statistical Data Analysis 1

Year 1, Semester 2

BSB112 Introduction to Electronic Commerce
EFB102 Economics 2
MAB111 Mathematical Sciences 1B
MAB112 Mathematical Sciences 1C
MAB210 Statistical Modelling 1

Year 2 to 4 program as above except the unit:

BSB117 Professional Communication & Negotiation
replaces one of the Mathematics electives

ECONOMICS

For students with four semesters of both Senior Mathematics B & Senior Mathematics C, at a level of Sound Achievement or better.

Year 1, Semester 1

BSB110 Accounting
BSB113 Economics
MAB101 Statistical Data Analysis 1
MAB111 Mathematical Sciences 1B

Year 1, Semester 2

BSB112 Introduction to Electronic Commerce
BSB117 Professional Communication & Negotiation
EFB102 Economics 2
MAB112 Mathematical Sciences 1C
MAB210 Statistical Modelling 1

Year 2, Semester 1

EFB202 Business Cycles & Economic Growth
EFB211 Firms, Markets & Resources
MAB311 Advanced Calculus
MAB313 Mathematics of Finance

Year 2, Semester 2

BSB114 Government, Business & Society
BSB116 Marketing & International Business
EFB323 Financial & Monetary Economics
MAB220 Computational Mathematics 1
Mathematics elective (Level 2 or 3)

Year 3, Semester 1

BSB115 Management, People & Organisations
Mathematics elective (Level 2 or 3)
Mathematics elective (Level 2 or 3)
Double major/extended major/specialisation unit
Double major/extended major/specialisation unit

Year 3, Semester 2

EFB314 International Trade & Economic
Competitiveness
Mathematics elective (Level 2 or 3)
Double major/extended major/specialisation unit
Double major/extended major/specialisation unit

Year 4, Semester 1

BSB111 Business Law & Ethics
Double major/extended major/specialisation unit
Mathematics elective (Level 2 or 3)
Mathematics elective (Level 2 or 3)
Mathematics elective (Level 2 or 3)

Year 4, Semester 2

Double major/extended major/specialisation unit
Mathematics elective (Level 2 or 3)
Mathematics elective (Level 2 or 3)
Mathematics elective (Level 2 or 3)

For students with four semesters of Senior Mathematics B (or equivalent) only, at a level of Sound Achievement or better:

Year 1, Semester 1

BSB110 Accounting
BSB113 Economics
MAB100 Mathematical Sciences 1A
MAB101 Statistical Data Analysis 1

Year 1, Semester 2

BSB112	Introduction to Electronic Commerce
EFB102	Economics 2 (BSB113)
MAB111	Mathematical Sciences 1B
MAB112	Mathematical Sciences 1C
MAB210	Statistical Modelling 1

Year 2 to 4 program as above except the unit:

BSB117	Professional Communication & Negotiation replaces one of the Mathematics electives
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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
MAB440	Industry Project (Planning Stage)

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

Major/Extended Major/Specialisation Core Units

Refer to the Bachelor of Business (BS56) entry in the Faculty of Business section for details of core units.

■ Bachelor of Applied Science (Mathematics)/Bachelor of Information Technology (IF58)

Location: Gardens Point campus

Course Duration: 4 years full-time

Total Credit Points: 420

Course Coordinator: Associate Professor Helen MacGillivray

Assessing Course Coordinators:

Information Technology: Dr Colin Boyd

Mathematics: Dr Gary Carter

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.

Year 1, Semester 1

ITB105	Study of Information Technology
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	Communication Networks
MAB210	Statistical Modelling 1
MAB220	Computational Mathematics 1

Year 2, Semester 1

ITB412	Technology of Information Systems
ITB421	Software Development 3 (UNIX & C)
ITB537	Internet Applications
MAB101	Statistical Data Analysis 1 Level 2 or 3 Maths unit

Year 2, Semester 2

ITB535	Network Administration
ITB538	Network Technology 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
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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
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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
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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

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

ITB105	Study of Information Technology
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	Communication Networks
MAB111	Mathematical Sciences 1B
MAB112	Mathematical Sciences 1C

Year 2, Semester 1

ITB412	Technology of Information Systems
ITB421	Software Development 3 (UNIX & C)
ITB537	Internet Applications Level 2 or 3 Maths unit Level 2 or 3 Maths unit

Year 2, Semester 2

ITB535	Network Administration
ITB538	Network Technology
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
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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
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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
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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
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List 1: Information Technology Specialisation Units

Select five units from the following list of units:

Computing Science

ITB420	Computer Architecture
ITB426	Operating Systems
ITB433	Programming Languages
ITB441	Graphics
ITB442	Foundations of Artificial Intelligence
ITB447	Project
ITB450	Advanced Computer Architecture
ITB456	Graphics User Interfaces
ITB458	Java & Extensible Programming
ITB461	Foundations of Neurocomputing
ITB463	Foundations of Pattern Recognition
ITB464	Modern Compiler Construction
ITB466	Component Technology
ITB468	Software Engineering Project
ITB469	Unix Programming & Systems Administration
ITB470	Windows 2000 Programming & Systems Administration

Data Communications

ITB531	Application Services
ITB532	Network Management
ITB533	Comparative Network Systems
ITB539	Data Communications Project
ITB542	Network Programming

ITB543	Data Security
ITB548	Introduction to Cryptology
ITB549	Error Control & Data Compression
ITB551	Network Planning

Mathematics Units

Students must complete 192 credit points of mathematical units with at least 48 credit points from Level 3.

Level 2 Units

MAB311	Advanced Calculus
MAB312	Linear Algebra
MAB313	Mathematics of Finance
MAB314	Statistical Modelling 2
MAB315	Operations Research 2
MAB413	Differential Equations
MAB414	Applied Statistics 2
MAB420	Computational Mathematics 2
MAB422	Mathematical Modelling
MAB440	Industry Project (Planning Stage)

Level 3 Units

MAB521	Applied Mathematics
MAB522	Computational Mathematics 3
MAB523	Intro 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 (24cp)
MAB672	Advanced Mathematical Modelling

This elective unit may be taken from any faculty in QUT, subject to the approval of the Head of School.

■ Bachelor of Applied Science(in Human Movement Studies)/ Bachelor of Education (Secondary) (IF73)

Location: Kelvin Grove campus (some units are located at Carseldine and Gardens Point campuses)

Course Duration: 4 years full-time

Total Credit Points: 432

Standard Credit Points/Full-time Semester: 54 (average). (Note that the minimum enrolment for full-time status varies each year).

Course Coordinators:

Human Movement Studies: Dr Tom Cuddihy
Education: Dr Jenny Campbell

Course Requirements

Students are required to complete 240 credit points in approved units in Human Movement Studies (and other areas) and 192 credit points in approved units in Education.

Teaching areas for students completing this award are Physical Education (first teaching area) and the second teaching areas may be chosen from the following disciplines: Health, Mathematics, Biology and English.

Course Structure

Year 1, Semester 1

LSB131	Anatomy
HMB313	Socio-Cultural Foundations of Physical Activity
HMB171	Fitness, Health & Wellness
LEB335	Human Development & Education

Year 1, Semester 2

LSB231	Physiology
HMB172	Nutrition & Physical Activity
HMB272	Biomechanics
	Discipline Studies Y
CLB305	Education in Context

Year 2, Semester 1

HMB271	Foundations of Motor Control, Learning & Development
HMB273	Bioenergetics & Muscle Physiology in Exercise
HMB274	Functional Anatomy
CLB341	Language Technology & Education
	Discipline Studies Y

Year 2, Semester 2

HMB276	Research in Human Movement
HMB382	Principles of Exercise Prescription
PYB086	Interpersonal & Group Dynamics
HMB275	Exercise & Sport Psychology
	Discipline Studies X

Year 3, Semester 1

HMB379	Disorders of Human Movement
LEB336	Psychology of Learning & Teaching
PUB329	Foundations of Health Studies & Health
	Discipline Studies X
	Discipline Studies Y

EDUCATION COMPONENT

Year 3, Semester 2

PRB343	Secondary Professional Practice 1: Classroom Management
PRB344	Secondary Professional Practice 2: Curriculum Decision Making
HMB310	Physical Education Curriculum Studies 1
	Curriculum Studies 1 #

Year 4, Semester 1

CLB306	Understanding Educational Practices
PRB345	Secondary Professional Practice 3: The Inclusive Curriculum
HMB370	Physical Education Curriculum Studies 2
	Curriculum Studies 2 #

Year 4, Semester 2

PRB346	Secondary Professional Practice 4: Beginning Teaching
	Education Studies elective #
	Education Studies elective #
	Curriculum Studies elective #

Middle Years Pathway

LEB450	Middle Years of Schooling
PRB426	The Middle Years Curriculum
PRB427	Professional Internship of Associate Teaching
PRB346	Secondary Professional Practice 4: Beginning Teaching

Health Discipline Studies Y

PUB127	Health Issues in Australia
HMB376	Motor Development in Children
HMB332	Health-related Fitness
PUB329	Foundation of Health Studies & Health
PYB086	Interpersonal & Group Dynamics

Maths Discipline Studies Y

MAB101	Statistical Data Analysis
MAB100	Mathematical Sciences 1A
MAB111	Mathematical Sciences 1B
MAB112	Mathematical Science 1C

English Discipline Studies

CLB320	Studies in Language
CLB321	Writing Workshop
CLB323	Teaching Adolescent Literature
HUB710	Australian Literary Studies

Biology Discipline Studies

LSB118	Life Science
NRB270	Animal & Plant Structure & Function
LSB238	Cell & Molecular Biology
NRB410	Genetics

SEMESTER 1	SEMESTER 2	TOTAL
Year 1		
3 x 12 cp discipline (3 x 'X')	4 x 12 cp Discipline (3 x 'X' + 1 x 'Y')	108
1 x 12 cp Education	1 x 12 cp Education	
Year 2		
4 x 12 cp Discipline (3 x 'X' + 1 x 'Y')	5 x 12 cp Discipline (4 x 'X' + 1 x 'Y')	120
1 x 12 cp Education		
Year 3		
4 x 12 cp Discipline (3 x 'X' + 1 x 'Y')	4 x 12 cp Education	108
1 x 12 cp Education		
Year 4		
4 x 12 cp Education	4 x 12 cp Education	96

Key

Refer to the Bachelor of Education (secondary) entry in the Faculty of Education for details of available units.

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.

X: Discipline units taken as Bachelor of Education first teaching area, Physical Education.

Y: Discipline units taken as Bachelor of Education second teaching area, namely: English, Mathematics, Biology and Health.

■ Bachelor of Applied Science (in Human Movement Studies)/ Bachelor of Business (IF62)

Location: Gardens Point and Kelvin Grove campuses

Course Duration: 4 years full-time

Total Credit Points: 432

Standard Credit Points/Full-time Semester: 54 (average). Note that the minimum enrolment for full-time status varies each year.

Course Coordinators:

Human Movement Studies: Dr Graham Costin

Business: Mr Andrew Paltridge

Business Majors

Accountancy, Banking and Finance, Communication, Economics, Human Resource Management, International Business, Management and Marketing. Refer to the Bachelor of Business (BS56) course entry for information on the double majors, extended majors and specialisations within the Business component of the degree, and major coordinators.

Special Course Requirements

Students must complete 432 credit points from the required integrated course. These will consist of 216 credit points from the Bachelor of Business degree (BS56) and 216 credit points from the Bachelor of Applied Science (Human Movement Studies) degree (HM42). There are eight primary majors to choose from in the Bachelor of Business component of the IF62 degree. These are Accountancy, Banking & Finance, Communication, Economics, Human Resource Management, International Business, Management, and Marketing.

Students must select a Business minor study of four units, subject to prerequisite requirements and timetable availability, from those listed. An alternative minor unit must be substituted if a unit has already been completed in the student's chosen major.

Copies of Faculty of Business Rules and Procedures are available from the Faculty of Business enquiries counter at Gardens Point in Z407, or Carseldine in C201.

Course Structure

ACCOUNTANCY

Year 1, Semester 1

HMB171 Fitness, Health & Wellness
LSB131 Anatomy
BSB110 Accounting
BSB113 Economics

Year 1, Semester 2

HMB172 Nutrition & Physical Activity
HMB272 Biomechanics
LSB231 Physiology
BSB114 Government, Business & Society
AYB121 Financial Accounting

Year 2, Semester 1

HMB271 Motor Control, Learning & Development
HMB273 Bioenergetics & Muscle Physiology in Exercise
HMB274 Functional Anatomy
PYB012 Psychology
BSB116 Marketing & International Business

Year 2, Semester 2

HMB275 Exercise & Sports Psychology
HMB276 Research in Human Movement
HMB382 Principles of Exercise Prescription
BSB112 Introduction to Electronic Commerce
AYB120 Business Law

Year 3, Semester 1

HMB313 Sociocultural Foundations of Physical Activity
HMB379 Disorders of Human Movement
BSB115 Management, People & Organisations
EFB101 Data Analysis for Business
Business minor unit

Year 3, Semester 2

Human Movement Studies major unit
Human Movement Studies elective/minor unit
BSB117 Professional Communication & Negotiation
Business minor unit

Year 4, Semester 1

Human Movement Studies elective/minor unit
Human Movement Studies elective/minor unit
AYB220 Company Accounting
AYB225 Management Accounting 1

Year 4, Semester 2

BSB111 Business Law & Ethics
AYB301 Auditing
Business minor unit
Business minor unit

BANKING & FINANCE MAJOR

Year 1, Semester 1

HMB171 Fitness, Health & Wellness
LSB131 Anatomy
BSB113 Economics
BSB114 Government, Business & Society

Year 1, Semester 2

HMB172 Nutrition & Physical Activity
HMB272 Biomechanics
LSB231 Physiology
BSB110 Accounting
EFB102 Economics 2

Year 2, Semester 1

HMB271 Motor Control, Learning & Development
HMB273 Bioenergetics & Muscle Physiology in Exercise
HMB274 Functional Anatomy
PYB012 Psychology
EFB210 Finance 1

Year 2, Semester 2

HMB275 Exercise & Sports Psychology
HMB276 Research in Human Movement
HMB382 Principles of Exercise Prescription
BSB116 Marketing & International Business
EFB307 Finance 2

Year 3, Semester 1

HMB313 Sociocultural Foundations of Physical Activity
HMB379 Disorders of Human Movement
EFB101 Data Analysis for Business
EFB201 Financial Markets
Business minor unit

Year 3, Semester 2

Human Movement Studies major unit
Human Movement Studies elective/minor unit
BSB112 Introduction to Electronic Commerce
Business minor unit

Year 4, Semester 1

Human Movement Studies elective/minor unit
Human Movement Studies elective/minor unit
BSB115 Management, People & Organisations
Business minor unit

Year 4, Semester 2

BSB111 Business Law & Ethics
EFB312 International Finance & Economics
BSB117 Professional Communication & Negotiation
Business minor unit

COMMUNICATION MAJOR

Year 1, Semester 1

HMB171 Fitness, Health & Wellness
LSB131 Anatomy
BSB112 Introduction to Electronic Commerce
BSB117 Professional Communication & Negotiation

Year 1, Semester 2

HMB172 Nutrition & Physical Activity
HMB272 Biomechanics
LSB231 Physiology
BSB115 Management, People & Organisations
COB308 Advertising Theory & Practice

Year 2, Semester 1

HMB271 Motor Control, Learning & Development
HMB273 Bioenergetics & Muscle Physiology in Exercise
HMB274 Functional Anatomy

PYB012 Psychology
COB221 Communication Technology

Year 2, Semester 2

HMB275 Exercise & Sports Psychology
HMB276 Research in Human Movement
HMB382 Principles of Exercise Prescription
COB222 Introduction to Communication Practice
COB325 Public Relations Theory & Practice

Year 3, Semester 1

HMB313 Sociocultural Foundations of Physical Activity
HMB379 Disorders of Human Movement
BSB113 Economics
COB216 Theoretical Perspectives on Communication
Business minor unit

Year 3, Semester 2

Human Movement Studies major unit
Human Movement Studies elective/minor unit
BSB114 Government, Business & Society
Business minor unit

Year 4, Semester 1

Human Movement Studies elective/minor unit
Human Movement Studies elective/minor unit
BSB116 Marketing & International Business
Business minor unit

Year 4, Semester 2

BSB110 Accounting
BSB111 Business Law & Ethics
COB334 Communication Research Methods
Business minor unit

ECONOMICS MAJOR

Year 1, Semester 1

HMB171 Fitness, Health & Wellness
LSB131 Anatomy
BSB110 Accounting
BSB113 Economics

Year 1, Semester 2

HMB172 Nutrition & Physical Activity
HMB272 Biomechanics
LSB231 Physiology
EFB101 Data Analysis for Business
EFB102 Economics 2

Year 2, Semester 1

HMB271 Motor Control, Learning & Development
HMB273 Bioenergetics & Muscle Physiology in Exercise
HMB274 Functional Anatomy
PYB012 Psychology
EFB202 Business Cycles & Economic Growth

Year 2, Semester 2

HMB275 Exercise & Sports Psychology
HMB276 Research in Human Movement
HMB382 Principles of Exercise Prescription
BSB116 Marketing & International Business
Business minor unit

Year 3, Semester 1

HMB313 Sociocultural Foundations of Physical Activity
HMB379 Disorders of Human Movement

BSB112 Introduction to Electronic Commerce
EFB211 Firms, Markets & Resources
Business minor unit

Year 3, Semester 2

Human Movement Studies major unit
Human Movement Studies elective/minor unit
BSB114 Government, Business & Society
EFB323 Financial & Monetary Economics

Year 4, Semester 1

Human Movement Studies elective/minor unit
Human Movement Studies elective/minor unit
BSB115 Management, People & Organisations
Business minor unit

Year 4, Semester 2

BSB111 Business Law & Ethics
BSB117 Professional Communication & Negotiation
EFB314 International Trade & Economic
Competitiveness
Business minor unit

HUMAN RESOURCE MANAGEMENT MAJOR

Year 1, Semester 1

HMB171 Fitness, Health & Wellness
LSB131 Anatomy
BSB114 Government, Business & Society
BSB115 Management, People & Organisations

Year 1, Semester 2

HMB172 Nutrition & Physical Activity
HMB272 Biomechanics
LSB231 Physiology
BSB116 Marketing & International Business
MGB220 Methods & Analysis

Year 2, Semester 1

HMB271 Motor Control, Learning & Development
HMB273 Bioenergetics & Muscle Physiology in
Exercise
HMB274 Functional Anatomy
PYB012 Psychology
BSB112 Introduction to Electronic Commerce

Year 2, Semester 2

HMB275 Exercise & Sports Psychology
HMB276 Research in Human Movement
HMB382 Principles of Exercise Prescription
MGB207 Managing Human Resources
MGB211 Organisational Behaviour

Year 3, Semester 1

HMB313 Sociocultural Foundations of Physical
Activity
HMB379 Disorders of Human Movement
BSB110 Accounting
BSB117 Professional Communication & Negotiation
MGB221 Work & Performance

Year 3, Semester 2

Human Movement Studies major unit
Human Movement Studies elective/minor unit
BSB113 Economics
MGB320 Recruitment & Selection 1

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 & Ethics
MGB331 Training & Development 1
Business minor unit
Business minor unit

INTERNATIONAL BUSINESS MAJOR

Year 1, Semester 1

HMB171 Fitness, Health & Wellness
LSB131 Anatomy
BSB114 Government, Business & Society
BSB116 Marketing & International Business

Year 1, Semester 2

HMB172 Nutrition & Physical Activity
HMB272 Biomechanics
LSB231 Physiology
BSB110 Accounting
BSB115 Management, People & Organisations

Year 2, Semester 1

HMB271 Motor Control, Learning & Development
HMB273 Bioenergetics & Muscle Physiology in
Exercise
HMB274 Functional Anatomy
PYB012 Psychology
BSB113 Economics

Year 2, Semester 2

HMB275 Exercise & Sports Psychology
HMB276 Research in Human Movement
HMB382 Principles of Exercise Prescription
MIB202 Business & the World Economy
MIB211 Globalisation & Business

Year 3, Semester 1

HMB313 Sociocultural Foundations of Physical Activity
HMB379 Disorders of Human Movement
BSB112 Introduction to Electronic Commerce
MIB210 Export Management
Business minor unit

Year 3, Semester 2

Human Movement Studies major unit
Human Movement Studies elective/minor unit
BSB117 Professional Communication & Negotiation
Business minor unit

Year 4, Semester 1

Human Movement Studies elective/minor unit
Human Movement Studies elective/minor unit
Area Study 1
Business minor unit

Year 4, Semester 2

BSB111 Business Law & Ethics
BSB300 Management, the Firm & International
Business
Area Study 2
Business minor unit

Area Study Options

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

- MIB200 Asian Business Development AND
MIB317 Contemporary Business in Asia
OR
MIB208 European Business Development AND
MIB300 Contemporary Business in Europe

MANAGEMENT MAJOR

Year 1, Semester 1

- HMB171 Fitness, Health & Wellness
LSB131 Anatomy
BSB114 Government, Business & Society
BSB115 Management, People & Organisations

Year 1, Semester 2

- HMB172 Nutrition & Physical Activity
HMB272 Biomechanics
LSB231 Physiology
BSB116 Marketing & International Business
MGB220 Methods & Analysis

Year 2, Semester 1

- HMB271 Motor Control, Learning & Development
HMB273 Bioenergetics & Muscle Physiology in Exercise
HMB274 Functional Anatomy
PYB012 Psychology
BSB112 Introduction to Electronic Commerce

Year 2, Semester 2

- HMB275 Exercise & Sports Psychology
HMB276 Research in Human Movement
HMB382 Principles of Exercise Prescription
MGB207 Managing Human Resources
MGB211 Organisational Behaviour

Year 3, Semester 1

- HMB313 Sociocultural Foundations of Physical Activity
HMB379 Disorders of Human Movement
BSB110 Accounting
BSB117 Professional Communication & Negotiation
MGB210 Operations, Production & 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
MGB303 Entrepreneurship
Business minor unit

Year 4, Semester 2

- BSB111 Business Law & Ethics
MGB309 Strategic Management
Business minor unit
Business minor unit

MARKETING MAJOR

Year 1, Semester 1

- HMB171 Fitness, Health & Wellness

- LSB131 Anatomy
BSB113 Economics
BSB116 Marketing & International Business

Year 1, Semester 2

- HMB172 Nutrition & Physical Activity
HMB272 Biomechanics
LSB231 Physiology
BSB112 Introduction to Electronic Commerce
BSB115 Management, People & Organisations

Year 2, Semester 1

- HMB271 Motor Control, Learning & Development
HMB273 Bioenergetics & Muscle Physiology in Exercise
HMB274 Functional Anatomy
PYB012 Psychology
BSB114 Government, Business & Society

Year 2, Semester 2

- HMB275 Exercise & Sports Psychology
HMB276 Research in Human Movement
HMB382 Principles of Exercise Prescription
EFB101 Data Analysis for Business
MIB217 Marketing Management

Year 3, Semester 1

- HMB313 Sociocultural Foundations of Physical Activity
HMB379 Disorders of Human Movement
BSB110 Accounting
BSB117 Professional Communication & Negotiation
MIB204 Consumer Behaviour

Year 3, Semester 2

- Human Movement Studies major unit
Human Movement Studies elective/minor unit
MIB213 International Marketing
Business minor unit

Year 4, Semester 1

- Human Movement Studies elective/minor unit
Human Movement Studies elective/minor unit
MIB305 Market Research
Business minor unit

Year 4, Semester 2

- BSB111 Business Law & Ethics
MIB315 Strategic Marketing
Business minor unit
Business minor unit

HUMAN MOVEMENT STUDIES ELECTIVE/MINOR UNITS*

- HMB277 Exercise in Sport
HMB361 Functional Anatomy 2
HMB362 Biomechanics 2
HMB363 Independent Study
HMB364 Seminars in Human Movement
HMB371 Motor Control & Learning 2
HMB374 Psychology of Rehabilitation
HMB375 Adapted Physical Activity
HMB376 Motor Development in Children
HMB377 Children in Sport
HMB381 Cardiovascular & Pulmonary Physiology in Exercise
HMB383 Workplace Health
HMB384 Injury Prevention & Rehabilitation

HMB480 Exercise Prescription for Special Populations

*Individual units may not be available every semester.

BUSINESS MINOR UNITS

ACCOUNTING

(Students without an Accountancy major)

Students must complete four of the following:

AYB121 Financial Accounting
AYB120 Business Law
AYB221 Computerised Accounting Systems
AYB223 Law of Business Associations
AYB220 Company Accounting
AYB225 Management Accounting 1

(Students with an Accountancy major)

AYB221 Computerised Accounting Systems
AYB223 Law of Business Associations
AYB325 Taxation Law

plus one of the following:

AYB311 Financial Accounting Theory
AYB321 Management Accounting Theory

ADVERTISING

(Students without a Communication major)

COB216 Theoretical Perspectives on Communication
COB308 Advertising Theory & Practice
COB304 Advertising Copywriting
COB317 Media Planning

(Students with a Communication major)

COB308 Advertising Theory & Practice
COB304 Advertising Copywriting
COB317 Media Planning
COB306 Advertising Management

BANKING

(Students with a Banking & Finance major)

AYB120 Business Law
AYB312 Financial Institutions Law
EFB310 Financial Institutions – Control
EFB311 Financial Institutions – Lending

(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 & 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 & Economic Growth
EFB211 Firms, Markets & Resources
EFB314 International Trade & Economic Competitiveness
EFB323 Financial & Monetary Economics

ELECTRONIC COMMERCE

AYB332 Law of Electronic Commerce
AYB333 Applications in Electronic Commerce
ITB823 Web Sites for Electronic Commerce
ITB850 Network & Security Technologies for Electronic Commerce

FINANCIAL ECONOMICS

(Students with a Banking & Finance major)

Students must complete four of the following:

EFB200 Applied Regression Analysis
EFB202 Business Cycles & Economic Growth
EFB211 Firms, Markets & Resources
EFB318 Portfolio & Security Analysis
EFB324 Macroeconomics of Global Financial Markets
EFB325 Financial Microeconomics
EFB326 Applied Portfolio Management

(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 & Finance

FUNDS MANAGEMENT

(Students with a Banking & Finance major)

EFB308 Finance 3
EFB309 Financial Derivatives
EFB318 Portfolio & Security Analysis
plus one level 2 or 3 Finance unit approved by the Banking & Finance major coordinator.

HUMAN RESOURCE MANAGEMENT

(Students without a Human Resource Management or Management major)

MGB207 Managing Human Resources
MGB211 Organisational Behaviour
MGB221 Work & Performance
plus one of the following:
MGB307 International Human Resource Management
MGB314 Organisational Consulting & Counselling
MGB322 Remuneration Management (not offered in 2001)
MGB331 Training & Development 1

(Students with a Human Resource Management major)

Student must complete four of the following:

MGB201 Employment Regulation & Administration
MGB202 Equity & Diversity Management
MGB209 Occupational Health & Safety
MGB300 Advanced Organisational Behaviour
MGB305 HRM Strategy & Policy
MGB307 International Human Resource Management
MGB312 Negotiation & Collective Bargaining
MGB313 Organisational Change & Development

- MGB314 Organisational Consulting & Counselling
- MGB315 Personal & Professional Development
- MGB321 Recruitment & Selection 2 (not offered in 2001)
- MGB322 Remuneration Management (not offered in 2001)
- MGB325 Training & Development 2
- MGB332 Australian Industrial Relations

(Students with a Management major)

- MGB221 Work & Performance
- MGB320 Recruitment & Selection 1
- MGB331 Training & Development 1

plus one of the following:

- MGB201 Employment Regulation & Administration
- MGB202 Equity & Diversity Management
- MGB209 Occupational Health & Safety
- MGB300 Advanced Organisational Behaviour
- MGB307 International Human Resource Management
- MGB312 Negotiation & Collective Bargaining
- MGB314 Organisational Consulting & Counselling
- MGB315 Personal & Professional Development
- MGB321 Recruitment & Selection 2 (not offered in 2001)
- MGB322 Remuneration Management (not offered in 2001)

- MGB325 Training & Development 2
- MGB332 Australian Industrial Relations

INTERNATIONAL BUSINESS

(Students without an International Business major)

- MIB202 Business & the World Economy
- MIB211 Globalisation & Business

plus one of the following pairs of units:

- MIB210 Export Management
- BSB300 Management, the Firm & International Business
- MIB200 Asian Business Development
- MIB317 Contemporary Business in Asia
- MIB208 European Business Development
- MIB300 Contemporary Business in Europe

MANAGEMENT

(Students without a Human Resource Management or Management major)

- MGB207 Managing Human Resources
- MGB211 Organisational Behaviour
- MGB220 Methods & Analysis

plus one of the following:

- MGB202 Equity & Diversity Management
- MGB203 Government-Management Interface
- MGB206 Management & Organisation Theory
- MGB210 Operations, Production & Service Management
- MGB303 Entrepreneurship
- MGB311 Managing Change

(Students with a Management major)

Student must complete four of the following:

- MGB203 Government-Management Interface
- MGB206 Management & Organisation Theory

- MGB216 Technology Management
- MGB218 Venture Skills
- MGB311 Managing Change
- MGB319 Quality Management
- MGB323 Small Business Management

(Students with a Human Resource Management major)

- MGB210 Operations, Production & Service Management
- MGB303 Entrepreneurship
- MGB309 Strategic Management

plus one of the following:

- MGB206 Management & Organisation Theory
- MGB216 Technology Management
- MGB218 Venture Skills
- MGB311 Managing Change
- MGB319 Quality Management

MARKETING

(Students without a Marketing major)

- MIB217 Marketing Management
- MIB204 Consumer Behaviour
- MIB213 International Marketing
- MIB315 Strategic Marketing

(Students with a Marketing major)

Students must complete any four of the following units:

The following units are offered every year:

- MIB210 Export Management
- MIB227 Product Innovation & 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 & Recreation
- MIB228 Promotional Strategy
- MIB229 Retail Marketing
- MIB320 Marketing Decision Making

The following units are offered in odd numbered years:

- MIB215 Marketing Logistics
- MIB220 Business to Business Marketing
- MIB224 Technology & Marketing
- MIB230 Sales Management

PUBLIC RELATIONS

(Students without a Communication major)

- COB216 Theoretical Perspectives on Communication
- COB325 Public Relations Theory & Practice
- COB329 Publicity Methods
- COB327 Publication Management

(Students with a Communication major)

- COB325 Public Relations Theory & Practice
- COB329 Publicity Methods
- COB327 Publication Management
- COB324 PR Issues & Strategic Planning

SMALL BUSINESS & ENTERPRISE DEVELOPMENT

(Students with a Management major)

MGB218 Venture Skills
MGB323 Small Business Management
MGB333 Small Business Concepts & Cases

Plus one of the following:

EFB206 Corporate Finance
MGB216 Technology Management
MIB307 Product Innovation & Market Development

SPORT & RECREATION

(Students without a Marketing major)

MIB217 Marketing Management
MIB218 Marketing Sport & Recreation (even numbered years)
MIB222 Sport & Recreation Industries (odd numbered years)
MIB318 Management of Sport & Recreation (odd numbered years)

(Students with a Marketing major)

MIB218 Marketing Sport & Recreation (even numbered years)
MIB222 Sport & Recreation Industries (odd numbered years)
MIB318 Management of Sport & Recreation (odd numbered years)

plus one of the following:

MIB311 Services Marketing
MIB319 Events Marketing
MIB321 Tourism Marketing

TOURISM

(Students without a Marketing major)

MIB217 Marketing Management
MIB225 Tourism
MIB226 Tourism Marketing

Plus one of the following:

MIB311 Services Marketing
MIB319 Events Marketing

(Students with a Marketing major)

MIB225 Tourism
MIB321 Tourism Marketing

Plus two of the following:

MIB218 Marketing Sport & Recreation (even numbered years)
MIB311 Services Marketing
MIB319 Events Marketing

■ Bachelor of Arts (Communication Design)/ Bachelor of Information Technology (IF90)

Location: Garden Point and Kelvin Grove campuses

Course Duration: 4 years full-time

Total Credit Points Required: 384

Standard Credit Points/Full-time Semester: 48

Course Coordinator:

Communication Design: Associate Professor Jeff Jones

Information Technology: Ms Ruth Christie

Full-time Course Structure

Year 1, Semester 1

AAB801 Foundations of Communication Design 1
AAB807 Media Technology 1
ITB105 Study of Information Technology
ITB410 Software Development 1
ITB412 Technology of Information Systems

Year 1, Semester 2

AAB802 Foundations of Communication Design 2
AAB808 Media Technology 2
ITB225 Introduction to Databases
ITB411 Software Development 2

Year 2, Semester 1

AAB814 Applications of Design Technology
AAB816 Interactive Writing
ITB107 Programming Laboratory
ITB510 Communication Networks

Year 2, Semester 2

AAB803 Design Studio 1
ITB220 Database Design
ITB421 Software Development 3
ITB537 Internet Applications

Year 3, Semester 1

AAB626 Music & Sound for Multimedia
AAB804 Design Studio 2
AAB809 Media Technology 3
ITB442 Foundations of Artificial Intelligence

Year 3, Semester 2

AAB810 Media Technology 4
ITB441 Graphics
ITB424 Software Engineering Principles
ITB448 Object Technology

Year 4, Semester 1

AAB805 Design Studio 3
AAB813 Contemporary Issues in Technology & Design
AAB860/1 Project
ITB460 Software Engineering & Games Design
Communication Design elective

Year 4, Semester 2

AAB8055 Professional Practice
AAB860/2 Project
Communication Design elective
Information Technology elective

■ Bachelor of Arts (Humanities)/ Bachelor of Applied Science (IF86)

Location: Carseldine and Gardens Point campuses

Course Duration: 4 years (8 semesters) full time

Total Credit Points: 384 (192 credit points in the Bachelor of Arts; 192 credits points in the Bachelor of Applied Science)

Course Coordinator:

Arts: Ms Jane Williamson-Fien

Science: Dr Neville Bofinger

Course Requirements**ARTS COMPONENT**

In **first and second years**, students are required to complete eight units including:

- HUB000 Applied Skills and Scholarship
- two faculty foundation units (see List A)
- two to three course foundation units (see List B)
- two to three elective units (See Lists C).

A minimum of four of these eight units must be chosen from School of Humanities and Social Science units.

In **third and fourth years**, students are required to do a further eight units to complete:

- one major study sequence from those offered in the School of Humanities and Social Science; and
- one minor study sequence chosen from those offered within the School of Humanities and Social Science or from other minor study sequences offered elsewhere within QUT.

Students must ensure that a minimum of 12 of the 16 units in the Bachelor of Arts component of the double degree must be chosen from those offered within the School of Humanities and Social Science.

All students doing courses in the School of Humanities and Social Science are required to complete HUB000. This unit will be offered in semesters 1 and 2. Students may be exempted if they have completed a first year university course or a similar unit at another tertiary institution. Students seeking exemption must discuss their case with the course coordinator.

Arts Major/Minor Study Sequences

For details of majors and minor available, refer to the Bachelor of Arts (Humanities) (HU22) course entry in the Faculty of Arts section.

APPLIED SCIENCE COMPONENT

Students are required to complete:

- at least six Faculty of Science core units, including at least three from List A and at least three units from List B in schedule 1 of the Bachelor of Applied Science course SC01;
- a major study in one of the discipline areas: biochemistry; biotechnology; chemistry; corporate mathematics; ecology; environmental science; geoscience; mathematics; microbiology; physics;

Students must complete at least four units from the SC01 Third Level.

Course Structure

Students undertake the two components of the double degree concurrently.

Year 1, Semester 1

Faculty of Arts foundation unit
HUB000 Applied Skills and Scholarships
Two Science units from SC01 List A or B

Year 1, Semester 2

Faculty of Arts foundation unit
Course foundation unit major
Two Science units from SC01 List A or B

Year 2, Semester 1

Course foundation unit minor
Elective unit major
Two Science units from SC01 First/Second Levels

Year 2, Semester 2

Elective unit major
Elective unit major
Two Science units from SC01 First/Second Levels

Year 3, Semester 1

Elective unit major
Elective unit major
Two Science units from SC01 Second Levels

Year 3, Semester 2

Elective unit major
Elective unit minor
Two Science units from SC01 Second/Third Levels

Year 4, Semester 1

Elective unit minor
Elective unit minor
Two Science units from SC01 Second/Third Levels

Year 4, Semester 2

General elective
General elective
Two Science units from SC01 Third Levels

Arts – Lists A, B and C

For details, refer to the Bachelor of Arts (Humanities) (HU22) course entry in the Faculty of Arts section.

Science Lists and Levels

For details of Lists A and B, and First, Second, and Third Levels, refer to the Bachelor of Applied Science (SC01) course entry in the Faculty of Science section.

■ Bachelor of Arts (Humanities)/ Bachelor of Business (IF30)

Location: Carseldine and Gardens Point campuses

Course Duration: 4 years (9 semesters) full-time

Total Credit Points: 432 (192 in the Bachelor of Arts; and 240 in the Bachelor of Business)

Course Coordinators:

Humanities: Ms Jane Williamson-Fien

Business: Mr Andrew Paltridge

Course Requirements

ARTS COMPONENT

In **first and second years**, students are required to complete eight units including:

- HUB000 Applied Skills & Scholarship
- two Faculty of Arts foundation units (See List A)
- two or three course foundation units from those on offer within the School of Humanities and Social Science (See List B)
- two or three elective units from major/minor study sequences (See List C).

In **third and fourth years**, students are required to do a further eight units to complete:

- one major study sequence from those offered within the School of Humanities and Social Science; or
- one minor study sequence from those offered within the School of Humanities and Social Science.

Note: A minimum of 12 of the 16 units in the Bachelor of Arts component of the double degree must be chosen from those offered within the School of Humanities and Social Science.

For details of key terms used in the School of Humanities and Social Science, refer to the Bachelor of Arts (Humanities) course entry (HU22) in the Faculty of Arts section.

Arts Major/Minor Study Sequences

For details of faculty foundation units, and major and minor study sequences (Lists A and B), refer to the Bachelor of Arts (Humanities) (HU22) course entry in the Faculty of Arts section.

BUSINESS COMPONENT

Students are required to complete 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 credit point major in one of the following: Accountancy, Banking & Finance, Communication, Economics, Human Resource Management, International Business,

Management or Marketing, as well as a further 72 credit points in which the student must complete one of the following:

- (i) Double Major (six units); or
- (ii) Extended Major (six units); or
- (iii) Specialisation (six units).

Refer to the Bachelor of Business (BS56) course entry for information on faculty core units, double majors, extended majors and specialisations within the Business component of the degree.

Copies of Faculty of Business Rules and Procedures are available from the Faculty of Business enquiries counter at Gardens Point in Z407, or Carseldine in C201.

Course Structure

Students will undertake the two components of the double degree concurrently.

Year 1, Semester 1

Faculty of Arts foundation unit
Arts course foundation unit major 1
Two Business units

Year 1, Semester 2

Faculty of Arts foundation unit
Arts elective unit major 1
Two Business units

Year 2, Semester 1

Arts course foundation unit major 2 or minor
Arts course foundation unit or elective unit major 1
Two Business units

Year 2, Semester 2

Arts course foundation unit or elective unit major 1
Arts elective unit major 1
Two Business units

Year 3, Semester 1

Arts elective unit major 1
Arts elective unit major 1
Two Business units

Year 3, Semester 2

Arts elective unit major 2 or minor
Arts elective unit major 2 or minor
Two Business units

Year 4, Semester 1

Arts elective unit major 2 or minor
Arts elective unit major 1/major 2 or general interest
Two Business units

Year 4, Semester 2

Arts elective unit major 1/major 2 or general interest
Arts elective unit major 2 or general interest
Two Business units

Year 5, Semester 1

Four Business units

■ Bachelor of Arts (Media Studies/Journalism)/Bachelor of Business (IF26)

Location: Gardens Point campus

Course Duration: 8 or 9 semesters (students may choose to complete the course in 9 semesters)

Total Credit Points: 432

Standard Credit Points/Full-time Semester: 54 (average) for 8 semesters; 48 for 9 semesters.

Course Coordinators:

Arts: Dr Gary MacLennan

Business: Mr Andrew Paltridge

Major Coordinators:

Media Studies: Dr Gary MacLennan

Journalism: Mr Lee Duffield

Communication: Ms Robina Xavier

International Business: Mr Michael Cox

Course Structure

Students are required to complete 432 credit points comprised of 240 credit points from the Bachelor of Business program and 192 credit points from the Bachelor of Arts program.

Students must complete two Faculty of Arts Foundation units, four School core units and an eight (MES) or ten (JOU) unit major as part of the Arts component. 24 credit points of Arts electives are available in the Media Studies major only.

Continuing students who commenced their studies in the Media Studies major prior to 1998 should continue their course structure as displayed on the discipline coordinators noticeboard outside B527, Gardens Point campus.

Students who commenced their studies in the Media Studies major in 1998 or later, should follow the course structure below.

In the Bachelor of Arts (Journalism) component of this course, on the recommendation of the major coordinator, the Arts course coordinator may permit students to replace MJB250 Introduction to Creative Writing and/or the School of Media and Journalism school core unit (student choice) with either MJB335 Professional Media Practice or MJB390 Supervised Project.

Students must complete the 96 credit point faculty core units in the Business program together with a 72 credit point major and a further 72 credit points in which the student must complete one of the following:

- (i) Double Major (six units); OR
- (ii) Extended Major (six units); OR
- (iii) Specialisation (six units).

It is Faculty of Business policy that a grade of 4 or higher is required in prerequisite units before a student can enrol in further units. Prerequisite requirements are provided in the unit synopsis and it is the student's responsibility to ensure that they are correctly enrolled.

Copies of Faculty of Business Rules and Procedures are available from the Faculty of Business enquiries counter at Gardens Point in Z407, or Carseldine in C201.

Faculty of Arts Foundation Unit List

MJB140	Media & Society
AAB051	Arts in Society
HSB002	Introduction to Human Rights
HUB331	Asian Identities
HUB600	Australian Society & Culture
PYB007	Interpersonal Skills & Processes

School of Media & Journalism School Core Unit List

(choose from only those units not already in your major core)

MJB204	Media Industries & Issues
MJB336	New Media Technologies
MJB250	Introduction to Creative Writing
MJB155	Media Production
MJB111	Media Writing
MJB120	Newsriting
MJB275	Media Legal Issues
MJB380	Non-fiction Creative Writing

Faculty of Business Core Unit List

BSB110	Accounting
BSB111	Business Law & Ethics
BSB112	Introduction to Electronic Commerce
BSB113	Economics
BSB114	Government, Business & Society
BSB115	Management, People & Organisations
BSB116	Marketing & International Business
BSB117	Professional Communication & Negotiation

Faculty of Business Major Core Units

Communication

COB216	Theoretical Perspectives on Communication
COB221	Communication Technology
COB222	Introduction to Communication Practice
COB308	Advertising Theory & Practice
COB325	Public Relations Theory & Practice
COB334	Communication Research Methods

International Business

BSB300	Management, the Firm & International Business
MIB202	Business & the World Economy
MIB211	Globalisation & Business

and any one of the following pairs of Area Study units:

MIB200	Asian Business Development
MIB317	Contemporary Business in Asia
	OR
MIB208	European Business Development
MIB300	Contemporary Business in Europe

For information on the double majors, extended majors and specialisations, refer to the relevant section in the Bachelor of Business (BS56) course entry.

□ Bachelor of Arts (Media Studies)/Bachelor of Business (Communication)

8 SEMESTER CONCURRENT MODEL

Year 1, Semester 1

BSB112 Introduction to Electronic Commerce
BSB117 Professional Communication & Negotiation
MJB130 Media Text Analysis
Faculty of Arts foundation unit

Year 1, Semester 2

BSB115 Management, People & Organisations
COB308 Advertising Theory & Practice
MJB147 Film & Television Genres
School of Media & Journalism core unit

Year 2, Semester 1

COB216 Theoretical Perspectives on Communication
COB221 Communication Technology
MJB204 Media Industries & Issues
MJB141 Film & Television Language

Year 2, Semester 2

BSB114 Government, Business & Society
COB325 Public Relations Theory & Practice
MJB336 New Media Technologies
Faculty of Arts foundation unit

Year 3, Semester 1

BSB116 Marketing & International Business
MJB233 Television Cultures
MJB209 Australian Television
Double major/extended major/specialisation unit
Double major/extended major/specialisation unit

Year 3, Semester 2

BSB113 Economics
COB334 Communication Research Methods
School of Media & Journalism core unit
Double major/extended major/specialisation unit

Plus ONE of the following Media and Journalism units:

MJB305 American Film & Society
MJB358 Documentary Theory & Practice

Year 4, Semester 1

BSB110 Accounting
BSB111 Business Law & Ethics
MJB343 Australian Film
Arts elective
Double major/extended major/specialisation unit

Year 4, Semester 2

Arts elective
Double major/extended major/specialisation unit
Double major/extended major/specialisation unit

plus ONE of the following Media and Journalism units:

MJB307 Feminist Media Studies
MJB344 European Cinema
MJB311 Asian Film & Media

9 SEMESTER CONCURRENT MODEL

Year 1, Semester 1

BSB112 Introduction to Electronic Commerce
BSB117 Professional Communication & Negotiation
MJB130 Media Text Analysis
Faculty of Arts foundation unit

Year 1, Semester 2

BSB115 Management, People & Organisations
COB308 Advertising Theory & Practice
MJB147 Film & Television Genres
School of Media & Journalism core unit

Year 2, Semester 1

COB216 Theoretical Perspectives in Communication
COB221 Communication Technology
MJB204 Media Industries & Issues
MJB141 Film & Television Language

Year 2, Semester 2

BSB114 Government, Business & Society
COB325 Public Relations Theory & Practice
MJB336 New Media Technologies
Faculty of Arts foundation unit

Year 3, Semester 1

BSB116 Marketing & International Business
MJB233 Television Cultures
MJB209 Australian Television
Double major/extended major/specialisation unit

Year 3, Semester 2

COB334 Communication Research Methods
School of Media & Journalism core unit
Double major/extended major/specialisation unit

Plus ONE of the following Media and Journalism units:

MJB305 American Film & Society
MJB358 Documentary Theory & Practice

Year 4, Semester 1

BSB110 Accounting
MJB343 Australian Film
Double major/extended major/specialisation unit
Double major/extended major/specialisation unit

Year 4, Semester 2

COB335 Communication Strategy & Technology
Arts elective
Double major/extended major/specialisation unit

plus ONE of the following Media and Journalism units:

MJB307 Feminist Media Studies
MJB344 European Cinema
MJB311 Asian Film & Media

Year 5, Semester 1

BSB111 Business Law & Ethics
BSB113 Economics
Arts elective
Double major/extended major/specialisation unit

□ Bachelor of Arts (Media Studies)/Bachelor of Business (International Business)

Option 1: Where NO language units are taken as part of the International Business component.

8 SEMESTER CONCURRENT MODEL

Year 1, Semester 1

BSB114	Government, Business & Society
BSB116	Marketing & International Business
MJB130	Media Text Analysis Faculty of Arts foundation unit

Year 1, Semester 2

BSB113	Economics
BSB115	Management, People & Organisations
MJB147	Film & Television Genres School of Media & Journalism core unit

Year 2, Semester 1

BSB110	Accounting
BSB112	Introduction to Electronic Commerce
MJB204	Media Industries & Issues
MJB141	Film & Television Language

Year 2, Semester 2

MIB202	Business & the World Economy
MIB211	Globalisation & Business
MJB336	New Media Technologies Faculty of Arts foundation unit

Year 3, Semester 1

MIB210	Export Management
MJB209	Australian Television
MJB233	Television Cultures Area Study 1

Double major/extended major/specialisation unit

Year 3, Semester 2

BSB117	Professional Communication & Negotiation School of Media & Journalism unit Area Study 2
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Double major/extended major/specialisation unit

Plus ONE of the following Media and Journalism units:

MJB305	American Film & Society
MJB358	Documentary Theory & Practice

Year 4, Semester 1

BSB111	Business Law & Ethics
MJB343	Australian Film Arts elective

Double major/extended major/specialisation unit

Double major/extended major/specialisation unit

Year 4, Semester 2

BSB300	Management, the Firm & International Business Arts elective
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Double major/extended major/specialisation unit

Double major/extended major/specialisation unit

plus ONE of the following Media and Journalism units:

MJB307	Feminist Media Studies
MJB311	Asian Film & Media
MJB344	European Cinema

9 SEMESTER CONCURRENT MODEL

Year 1, Semester 1

BSB114	Government, Business & Society
BSB116	Marketing & International Business
MJB130	Media Text Analysis Faculty of Arts foundation unit

Year 1, Semester 2

BSB113	Economics
BSB115	Management, People & Organisations
MJB147	Film & Television Genres School of Media & Journalism core unit

Year 2, Semester 1

BSB110	Accounting
BSB112	Introduction to Electronic Commerce
MJB204	Media Industries & Issues
MJB141	Film & Television Language

Year 2, Semester 2

MIB202	Business & the World Economy
MIB211	Globalisation & Business
MJB336	New Media Technologies Faculty of Arts foundation unit

Year 3, Semester 1

MIB210	Export Management
MJB209	Australian Television
MJB233	Television Cultures Area Study 1

Year 3, Semester 2

BSB117	Professional Communication & Negotiation School of Media & Journalism core unit Area Study 2
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plus ONE of the following Media and Journalism units:

MJB305	American Film & Society
MJB358	Documentary Theory & Practice

Year 4, Semester 1

BSB111	Business Law & Ethics
MJB343	Australian Film

Double major/extended major/specialisation unit
Double major/extended major/specialisation unit

Year 4, Semester 2

BSB300	Management, the Firm & International Business Arts elective
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Double major/extended major/specialisation unit

plus ONE of the following Media and Journalism units:

MJB307	Feminist Media Studies
MJB344	European Cinema
MJB311	Asian Film & Media

Year 5, Semester 1

BSB300	Management, the Firm & International Business Arts elective
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Double major/extended major/specialisation unit
Double major/extended major/specialisation unit
Double major/extended major/specialisation unit
Arts elective

□ Bachelor of Arts (Media Studies)/Bachelor of Business (International Business)

Option 2: Where the Language specialisation is to be part of the International Business component.

8 SEMESTER CONCURRENT MODEL

Year 1, Semester 1

- BSB116 Marketing & International Business
 MJB130 Media Text Analysis
 Faculty of Arts foundation unit
 Language 1

Year 1, Semester 2

- BSB113 Economics
 MJB147 Film & Television Genres
 School of Media & Journalism core unit
 Language 2

Year 2, Semester 1

- BSB117 Professional Communication & Negotiation
 MJB204 Media Industries & Issues
 MJB141 Film & Television Language
 Language 3

Year 2, Semester 2

- MIB202 Business & the World Economy
 MJB336 New Media Technologies
 Faculty of Arts foundation unit
 Language 4

Year 3, Semester 1

- BSB114 Government, Business & Society
 MJB233 Television Cultures
 MJB209 Australian Television
 Area Study 1
 Language 5 OR

- MIB205 Cross-Cultural Communication & Negotiation

Year 3, Semester 2

- MIB211 Globalisation & Business
 School of Media & Journalism core unit
 Area Study 2
 EFB101 Data Analysis for Business
 OR
 MGB220 Methods & Analysis

plus ONE of the following Media and Journalism units:

- MJB305 American Film & Society
 MJB358 Documentary Theory & Practice

Year 4, Semester 1

- BSB112 Introduction to Electronic Commerce
 BSB115 Management, People & Organisations
 MIB210 Export Management
 MJB343 Australian Film
 Arts elective

Year 4, Semester 2

- BSB110 Accounting
 BSB111 Business Law & Ethics
 BSB300 Management, the Firm & International Business
 Arts elective

plus ONE of the following Media and Journalism units:

- MJB307 Feminist Media Studies
 MJB344 European Cinema
 MJB311 Asian Film & Media

9 SEMESTER CONCURRENT MODEL

Year 1, Semester 1

- BSB116 Marketing & International Business
 MJB130 Media Text Analysis
 Faculty of Arts foundation unit
 Language 1

Year 1, Semester 2

- BSB113 Economics
 MJB147 Film & Television Genres
 School of Media & Journalism core unit
 Language 2

Year 2, Semester 1

- BSB117 Professional Communication & Negotiation
 MJB204 Media Industries & Issues
 MJB141 Film & Television Language
 Language 3

Year 2, Semester 2

- MIB202 Business & the World Economy
 MJB336 New Media Technologies
 Faculty of Arts foundation unit
 Language 4

Year 3, Semester 1

- BSB114 Government, Business & Society
 MJB233 Television Cultures
 MJB209 Australian Television
 Language 5 OR
 MIB205 Cross-Cultural Communication & Negotiation

Year 3, Semester 2

- BSB115 Management, People & Organisations
 School of Media & Journalism core unit
 EFB101 Data Analysis for Business
 OR
 MGB220 Methods & Analysis

plus ONE of the following Media and Journalism units:

- MJB305 American Film & Society
 MJB358 Documentary Theory & Practice

Year 4, Semester 1

- MIB210 Export Management
 MJB343 Australian Film
 Area Study 1
 Arts elective

Year 4, Semester 2

- BSB300 Management, the Firm & International Business
 MIB211 Globalisation & Business
 Area Study 2

plus ONE of the following Media and Journalism units:

- MJB307 Feminist Media Studies
 MJB344 European Cinema
 MJB311 Asian Film & Media

Year 5, Semester 1

BSB110	Accounting
BSB111	Business Law & Ethics
BSB117	Professional Communication & Negotiation Arts elective

Bachelor of Arts (Journalism)/ Bachelor of Business (Communication)

8 SEMESTER CONCURRENT MODEL

Year 1, Semester 1

BSB112	Introduction to Electronic Commerce
BSB117	Professional Communication & Negotiation
MJB101	Journalism Information Systems
MJB120	Newswriting

Year 1, Semester 2

BSB115	Management, People & Organisations
COB308	Advertising Theory & Practice
MJB121	Journalistic Inquiry
MJB180	Speech Communication for Journalists

Year 2, Semester 1

COB216	Theoretical Perspectives on Communication
COB221	Communication Technology
MJB155	Media Production
MJB239	Journalism Ethics & Issues

Year 2, Semester 2

COB222	Introduction to Communication Practice
COB325	Public Relations Theory & Practice
MJB232	Radio & Television Journalism 1
MJB224	Feature Writing

Year 3, Semester 1

BSB114	Government, Business & Society
MJB322	Subediting & Layout
MJB338	Radio & Television Journalism 2
Double major/extended major/specialisation unit	
Double major/extended major/specialisation unit	

Year 3, Semester 2

BSB116	Marketing & International Business
COB334	Communication Research Methods
MJB303	News Production
MJB337	Public Affairs Reporting
Double major/extended major/specialisation unit	

Year 4, Semester 1

BSB110	Accounting
BSB111	Business Law & Ethics
MJB250	Introduction to Creative Writing Faculty of Arts foundation unit
Double major/extended major/specialisation unit	

Year 4, Semester 2

BSB113	Economics Faculty of Arts foundation unit School of Media & Journalism core unit
Double major/extended major/specialisation unit	
Double major/extended major/specialisation unit	

9 SEMESTER CONCURRENT MODEL

Year 1, Semester 1

BSB112	Introduction to Electronic Commerce
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BSB117	Professional Communication & Negotiation
MJB101	Journalism Information Systems
MJB120	Newswriting

Year 1, Semester 2

BSB115	Management, People & Organisations
COB308	Advertising Theory & Practice
MJB121	Journalistic Inquiry
MJB180	Speech Communication for Journalists

Year 2, Semester 1

COB216	Theoretical Perspectives on Communication
COB221	Communication Technology
MJB155	Media Production
MJB239	Journalism Ethics & Issues

Year 2, Semester 2

COB222	Introduction to Communication Practice
COB325	Public Relations Theory & Practice
MJB232	Radio & Television Journalism 1
MJB224	Feature Writing

Year 3, Semester 1

MJB322	Subediting & Layout
MJB338	Radio & Television Journalism 2
Double major/extended major/specialisation unit	
Double major/extended major/specialisation unit	

Year 3, Semester 2

COB334	Communication Research Methods
MJB303	News Production
MJB337	Public Affairs Reporting
Double major/extended major/specialisation unit	

Year 4, Semester 1

BSB114	Government, Business & Society
BSB116	Marketing & International Business
MJB250	Introduction to Creative Writing Double major/extended major/specialisation unit

Year 4, Semester 2

BSB110	Accounting Faculty of Arts foundation unit School of Media & Journalism core unit
Double major/extended major/specialisation unit	

Year 5, Semester 1

BSB111	Business Law & Ethics
BSB113	Economics Faculty of Arts foundation unit
Double major/extended major/specialisation unit	

Bachelor of Arts (Journalism)/ Bachelor of Business (International Business)

Option 1: Where NO language units are taken as part of the International Business component.

8 SEMESTER CONCURRENT MODEL

Year 1, Semester 1

BSB114	Government, Business & Society
BSB116	Marketing & International Business
MJB101	Journalism Information Systems
MJB120	Newswriting

Year 1, Semester 2

BSB113	Economics
BSB115	Management, People & Organisations
MJB121	Journalistic Inquiry
MJB180	Speech Communication for Journalists

Year 2, Semester 1

BSB110	Accounting
BSB112	Introduction to Electronic Commerce
MJB155	Media Production
MJB239	Journalism Ethics & Issues

Year 2, Semester 2

MIB202	Business & the World Economy
MIB211	Globalisation & Business
MJB232	Radio & Television Journalism 1
MJB224	Feature Writing

Year 3, Semester 1

MIB210	Export Management
MJB322	Subediting & Layout
MJB338	Radio & Television Journalism 2 Area Study 1

Double major/extended major/specialisation unit

Year 3, Semester 2

BSB111	Business Law & Ethics
MJB303	News Production
MJB337	Public Affairs Reporting Area Study 2

Double major/extended major/specialisation unit

Year 4, Semester 1

BSB117	Professional Communication & Negotiation
MJB250	Introduction to Creative Writing Faculty of Arts foundation unit

Double major/extended major/specialisation unit

Double major/extended major/specialisation unit

Year 4, Semester 2

BSB300	Management, the Firm & International Business Faculty of Arts foundation unit School of Media & Journalism core unit
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Double major/extended major/specialisation unit

Double major/extended major/specialisation unit

9 SEMESTER CONCURRENT MODEL**Year 1, Semester 1**

BSB114	Government, Business & Society
BSB116	Marketing & International Business
MJB101	Journalism Information Systems
MJB120	News writing

Year 1, Semester 2

BSB113	Economics
BSB115	Management, People & Organisations
MJB121	Journalistic Inquiry
MJB180	Speech Communication for Journalists

Year 2, Semester 1

BSB110	Accounting
BSB112	Introduction to Electronic Commerce
MJB155	Media Production
MJB239	Journalism Ethics & Issues

Year 2, Semester 2

MIB202	Business & the World Economy
MIB211	Globalisation & Business

MJB232	Radio & Television Journalism 1
MJB224	Feature Writing

Year 3, Semester 1

MIB210	Export Management
MJB322	Subediting & Layout
MJB338	Radio & Television Journalism 2 Area Study 1

Year 3, Semester 2

BSB111	Business Law & Ethics
MJB303	News Production
MJB337	Public Affairs Reporting Area Study 2

Year 4, Semester 1

BSB117	Professional Communication & Negotiation
MJB250	Introduction to Creative Writing
Double Major/Extended Major/Specialisation unit	
Double major/extended major/specialisation unit	

Year 4, Semester 2

BSB300	Management, the Firm & International Business Faculty of Arts foundation unit School of Media & Journalism core unit
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Double major/extended major/specialisation unit

Year 5, Semester 1

Faculty of Arts foundation unit	
Double major/extended major/specialisation unit	
Double major/extended major/specialisation unit	
Double major/extended major/specialisation unit	

Bachelor of Arts (Journalism)/ Bachelor of Business (International Business)

Option 2: Where the Language specialisation is to be part of the International Business component.

8 SEMESTER CONCURRENT MODEL**Year 1, Semester 1**

BSB116	Marketing & International Business
MJB101	Journalism Information Systems
MJB120	News writing Language 1

Year 1, Semester 2

BSB113	Economics
MJB121	Journalistic Inquiry
MJB180	Speech Communication for Journalists Language 2

Year 2, Semester 1

BSB117	Professional Communication & Negotiation
MJB155	Media Production
MJB239	Journalism Ethics & Issues Language 3

Year 2, Semester 2

MIB202	Business & the World Economy
MJB224	Feature Writing
MJB232	Radio & Television Journalism 1 Language 4

Year 3, Semester 1

BSB114	Government, Business & Society
MJB322	Subediting & Layout
MJB338	Radio & Television Journalism 2 Area Study 1 Language 5 OR
MIB205	Cross-Cultural Communication & Negotiation

Year 3, Semester 2

MIB211	Globalisation & Business
MJB303	News Production
MJB337	Public Affairs Reporting Area Study 2
EFB101	Data Analysis for Business OR
MGB220	Methods & Analysis

Year 4, Semester 1

BSB112	Introduction to Electronic Commerce
BSB115	Management, People & Organisations
MIB210	Export Management
MJB250	Introduction to Creative Writing Faculty of Arts foundation unit

Year 4, Semester 2

BSB110	Accounting
BSB111	Business Law & Ethics
BSB300	Management, the Firm & International Business Faculty of Arts foundation unit School of Media & Journalism core unit

9 SEMESTER CONCURRENT MODEL

Year 1, Semester 1

BSB116	Marketing & International Business
MJB101	Journalism Information Systems
MJB120	Newswriting Language 1

Year 1, Semester 2

BSB113	Economics
MJB121	Journalistic Inquiry
MJB180	Speech Communication for Journalists Language 2

Year 2, Semester 1

BSB117	Professional Communication & Negotiation
MJB155	Media Production
MJB239	Journalism Ethics & Issues Language 3

Year 2, Semester 2

MIB202	Business & the World Economy
MJB232	Radio & Television Journalism 1
MJB224	Feature Writing Language 4

Year 3, Semester 1

BSB114	Government, Business & Society
MJB322	Subediting & Layout
MJB338	Radio & Television Journalism 2 Language 5 OR
MIB205	Cross-Cultural Communication & Negotiation

Year 3, Semester 2

MIB211	Globalisation & Business
MJB303	News Production

MJB337	Public Affairs Reporting
EFB101	Data Analysis for Business OR
MGB220	Methods & Analysis

Year 4, Semester 1

BSB115	Management, People & Organisations
MIB210	Export Management
MJB250	Introduction to Creative Writing Area Study 1

Year 4, Semester 2

BSB300	Management, the Firm & International Business Faculty of Arts foundation unit Area Study 2 School of Media & Journalism core unit
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Year 5, Semester 1

BSB110	Accounting
BSB111	Business Law & Ethics
BSB112	Introduction to Electronic Commerce Faculty of Arts foundation unit

Area Study units

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

MIB200	Asian Business Development, AND
MIB317	Contemporary Business in Asia OR
MIB208	European Business Development, AND
MIB300	Contemporary Business in Europe

■ Bachelor of Arts/Bachelor of Education (IF70)

Location: Carseldine and Kelvin Grove campuses

Course Duration: 4 years full-time

Total Credit Points: 432 (240 in the Bachelor of Arts; 192 in the Bachelor of Education)

Course Coordinators:

Arts: Dr Iraphne Childs

Education: Dr Jenny Campbell

Course Requirements

ARTS COMPONENT

In years 1 and 2, and year 3 semester 1, students are required to complete the following:

- The first year requirements (eight units) which include:
 - HUB000 Applied Skills and Scholarship
 - two faculty foundation units (see List A)
 - two to three course foundation units (see List B)
 - two to three elective units (see List C).

A minimum of four of these eight units must be chosen from School of Humanities and Social Science units:

- one approved Humanities 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 Bachelor of Arts component of the course must be chosen from those offered within the School of Humanities and Social Science.

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
LEB335	Human Development and Education
LEB336	Psychology of Learning and Teaching
CLB341	Language Technology and Education

Approved Study Sequences

Following are the approved Bachelor of Arts study sequences: English, geography, history, LOTE (Languages other than English: French, German, Indonesian, Japanese and Mandarin), and social sciences. Any of these areas may also be taken as a second teaching area.

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

ARTS COMPONENT

Year 1, Semester 1

- Faculty foundation unit
- Course foundation unit first teaching area
- Course foundation unit or HUB000
- Elective unit first teaching area

Year 1, Semester 2

- Faculty foundation unit
- Course foundation unit second teaching area
- Course foundation unit or HUB000
- Elective unit second teaching area
- Education unit

Year 2, Semester 1

- Elective unit first teaching area
- Education unit

Year 2, Semester 2

- Elective unit first teaching area
- Elective unit first teaching area
- Elective unit second teaching area
- Elective unit second teaching area
- Education unit

Year 3, Semester 1

- Other elective
- Other elective
- Other elective
- Other elective
- Education unit

EDUCATION COMPONENT

Year 3, Semester 2

- | | |
|--------|---|
| PRB343 | Secondary Professional Practice 1: Classroom Management |
| PRB344 | Secondary Professional Practice 2: Curriculum Decision Making
Curriculum Studies 1X ²
Curriculum Studies 1Y ² |

Year 4, Semester 1

- | | |
|--------|---|
| CLB306 | Understanding Education Practices |
| PRB345 | Secondary Professional Practice 3: The Inclusive Curriculum
Curriculum Studies 2X ²
Curriculum Studies 2Y ² |

Year 4, Semester 2

- | | |
|--------|---|
| PRB346 | Secondary Professional Practice 4: Beginning Teaching
Education Studies elective ²
Education Studies elective ²
Curriculum elective ² |
|--------|---|

OR

Middle Years Pathway

- | | |
|--------|---|
| LEB450 | Middle Years of Schooling |
| PRB346 | Secondary Professional Practice 4: Beginning Teacher |
| PRB426 | The Middle Years Curriculum |
| PRB427 | Professional Internship of Associate Teaching (prerequisite: GPA ≥ 5) |

Notes:

- Students can take the other electives units in their approved study sequences
- Students studying a Language Other Than English will need to amend their enrolment to extend their LOTE studies into Year 3, Semester 2.

List A: Faculty of Arts Foundation Units

Students must complete two of the following Faculty of Arts foundation units in first year:

- | | |
|--------|------------------------------------|
| AAB051 | Arts and Society |
| HUB600 | Australian Society and Culture |
| HUB687 | Contemporary Moral Issues |
| HSB002 | Introduction to Human Rights |
| MJB140 | Media and Society |
| PYB007 | Interpersonal Processes and Skills |

List B: Bachelor of Arts Course foundation units

Students must complete a minimum of two of the following entry-level units to the various approved study sequences offered by the School of Humanities and Social Science.

² Refer to the ED50 Bachelor of Education (Secondary) entry in the Faculty of Education section for details of available units.

English

HUB716 Introduction to Literary and Cultural Studies

History

HUB610 Approaches to Asia Pacific Studies

HUB649 Interpreting the Past

HUB720 Europe since 1945 (not offered in 2001)

HUB722 Foundations of Modern Europe

Geography

HUB202 World Regions

Social Science

HUB694 Australian Politics

HUB760 Introduction to Gender Studies

HUB700 Indigenous Australian Culture Studies

HUB601 Human Identity and Change

HUB120 Introduction to Sociology

Languages

All language teaching will be scheduled on the Gardens Point campus, however certain Indonesian units may also be offered at Carseldine subject to enrolment numbers. Students wishing to study a language other than English should select from the following:

HUB650 Indonesian 1 OR

HUB652 Indonesian 3

HUB660 Japanese 1 OR

HUB662 Japanese 3

HUB670 French 1 OR

HUN672 French 3

HUB735 German 1 OR

HUB737 German 3

HUB450 Mandarin for Chinese 1*

HUB453 Introductory Mandarin 1*

HUB454 Introductory Mandarin 2*

* Mandarin is only available in an intensive Summer Program mode followed by in-country study.

Note: Students will not be allowed to enrol in more than one LOTE unit at the introductory level. Students intending to teach in LOTE must successfully complete LOTE 6 prior to graduation.

List C: Electives

English

Australian Writing

HUB701 Indigenous Australian Writing

HUB710 Australian Literature & Culture

HUB711 Australian Womens Writing (not offered in 2001)

HUB712 Australian Childrens & Adolescent Fiction

World Writing

HUB625 North American Literature

HUB724 Nineteenth Century English Literature & Culture

HUB725 Twentieth Century Literature & Culture

HUB729 Shakespeare & the Modern World

HUB730 Gender & Representation

Advanced Seminar (for 3rd Year and Honours students)

HUB704 Advanced Seminar in Indigenous Film & Text (not offered in 2001)

Geography

Discipline Studies unit (six units from the following):

Environment and Resources

HUB201 Environment & Society

HUB207 Environmental Hazards

HUB617 Women, Aid & Development

HUB685 Australian Resource Management

HUB757 Ethics, Technology & the Environment

Regional and Local Studies

HUB626 Contemporary Southeast Asia

HUB683 Australian Geographical Studies

HUB220 Windows on Japan

HUB330 Brisbane in the 20th Century

Advanced Seminar (for 2nd, 3rd Year and Honours students)

HUB688 Geographic Research Design

Other electives for Geography major

PSB631 Geographic Information Systems

PSB655 Remote Sensing

HUB130 Survey Methods

HUB222 Issues in International & Global Studies

History

Modern Histories

HUB220 Windows on Japan

HUB330 Brisbane in the 20th Century

HUB618 Asian Women

HUB619 Pacific Culture Contact

HUB620 The Pacific Since 1945 (not offered in 2001)

HUB627 Australia and the South Pacific (not offered in 2001)

HUB628 Modern Japan (not offered in 2001)

HUB629 Modern China

HUB692 Conspiracy and Dissent in Australia

HUB720 Europe Since 1945 (not offered in 2001)

HUB723 War and Revolution in Europe 1914-1945 (not offered in 2001)

HUB743 Nations and Nationalism in Modern Europe (not offered in 2001)

Advanced Seminar (for 3rd Year and Honours students)

HUB624 Advanced Seminar in Asia Pacific Studies

HUB695 Rethinking Histories (not offered in 2001)

Pre Modern Histories

HUB721 Classical World Rome

HUB722 Foundations of Modern Europe

HUB744 Medieval Europe

HUB744 Classical World – Greece (not offered in 2001)

Social Science

HUB121 Social Inequality & Difference in Australia (not offered in 2001)

HUB126 Political Behaviour

HUB131 Sex, Gender & Society

HUB135 Ethnicity & Nationalism (not offered in 2001)

HUB201 Environment & Society

HUB207	Environmental Hazards
HUB220	Windows on Japan
HUB330	Brisbane in the 20th Century
HUB617	Women, Aid & Development
HUB618	Asian Women
HUB620	The Pacific Since 1945 (not offered in 2001)
HUB626	Contemporary Southeast Asia
HUB682	Social Movements in Australia
HUB683	Australian Geographical Studies
HUB685	Australian Resource Management
HUB703	Indigenous Politics & Political Culture
HUB720	Europe since 1945 (not offered in 2001)
HUB752	The Just Society
HUB757	Ethics, Technology & the Environment
HUB772	Political Ideologies

□ Languages

French (six units from the following)

HUB670	French 1
HUB671	French 2
HUB672	French 3
HUB673	French 4
HUB674	French 5
HUB675	French 6
HUB678	French 7
HUB677	French 8
HUB679	French 9
HUB731	French 10
HUB452	French for the Tourism Industry

Discipline unit (compulsory)

HUB722	Foundations of Modern Europe
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German (six units from the following)

HUB735	German 1
HUB736	German 2
HUB737	German 3
HUB738	German 4
HUB739	German 5
HUB740	German 6
HUB741	German 7
HUB742	German 8

Discipline unit (compulsory)

HUB722	Foundations of Modern Europe
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Indonesian (six units from the following)

HUB650	Indonesian 1
HUB651	Indonesian 2
HUB652	Indonesian 3
HUB653	Indonesian 4
HUB654	Indonesian 5
HUB655	Indonesian 6
HUB656	Indonesian 7
HUB657	Indonesian 8

Discipline unit (compulsory)

HUB626	Contemporary Southeast Asia
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Japanese (six units from the following)

HUB660	Japanese 1
HUB661	Japanese 2
HUB662	Japanese 3
HUB663	Japanese 4
HUB664	Japanese 5
HUB665	Japanese 6
HUB666	Japanese 7
HUB667	Japanese 8

Discipline unit (compulsory)

HUB220	Windows on Japan
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Mandarin

HUB450	Mandarin for Chinese 1*
HUB453	Introductory Mandarin 1*
HUB454	Introductory Mandarin 2*

* Mandarin is only available in an intensive Summer School mode followed by in-country study.

Overseas Units all languages

All LOTE students are encouraged to enrol in overseas units.

HUB646	International Intensive Program
HUB647	International Summer School or equivalent
HUB648	International Semester or equivalent

Part-time Students

Part-time study is only an option during the Bachelor of Arts component of the course (ie. during Years 1 and 2). Under current Faculty of Education requirements, the Education component of this course must be done on a full time basis.

During their first year part-time, Bachelor or Arts students normally enrol in four units. The following is the recommend pattern of enrolment:

- HUB000 Applied Skills and Scholarship
- two faculty foundation units (one per semester) (see List A)
- one course foundation unit offered by Humanities and Social Science (See List B) or
- one elective unit (see List C).

■ Bachelor of Arts (Humanities)/ Bachelor of Education (Early Childhood) (IF81)

Location: Carseldine and Kelvin Grove campuses

Course Duration: 4 years full-time

Total Credit Points: 384 (192 in the Bachelor of Arts; 192 in the Bachelor Education)

Course Coordinators:

Arts: Dr. Iraphne Childs

Education: Dr Jenny Campbell

Course Requirements

ARTS COMPONENT

Students are required to complete the following:

- The **first year** requirements (eight units) which include :
 - HUB000 Applied Skills and Scholarship
 - two faculty foundation units (see List A)
 - two to three Course foundation units (see List B)
 - two to three elective units (see Lists C)

Note that a minimum of four of these eight units must be chosen from School of Humanities and Social Science units.

In **second year** a further eight units to complete:

- one major study sequence chosen from those offered within the School of Humanities and Social Science; and
- one minor study sequence from those offered in the School of Humanities and Social Science or from other minor study sequences offered elsewhere within QUT.

Major/Minor Study Sequences

For details of majors and minor options, refer to the Bachelor of Arts (Humanities) (HU22) course entry in the Faculty of Arts section.

All students except those studying a language as their major, complete the Bachelor of Arts component of the degree in semesters 1 to 4, and the Bachelor of Education (Primary) component in semesters 5 to 8.

Lists A, B and C

For details, refer to the Bachelor of Arts (HU22) entry in the Faculty of Arts section.

List D Minor Foundation Units for Early Childhood Education

Students may choose these units to provide foundations or disciplines that they have not covered in the secondary studies. These units are offered outside the School of Humanities and Social Science. However, they fulfil the minor study sequence requirement of the Bachelor of Arts component of the double degree.

Students may select four units from the following:

AAB918	Arts Foundation Studies
MDB386	Mathematics Foundations
MDB387	Science Foundations
HMB171	Fitness, Health and Wellness
MDB385	Information Technologies in Education
PRB371	Social and Environmental Foundations

Part-time Students

Part-time study is only an option during the Bachelor of Arts component of the course (ie. during Years 1 and 2). Under current Faculty of Education requirements, the Education component of this course must be done on a full time basis.

During their first year part-time, Bachelor or Arts students normally enrol in four units. The following is the recommend pattern of enrolment:

- HUB000 Applied Skills and Scholarship
- two faculty foundation units (one per semester) (see List A)

one course foundation unit offered by the School of Humanities and Social Science (See List B) or

one elective unit (see List C).

Course Structure

ARTS COMPONENT

Year 1, Semester 1

Faculty foundation unit
Course foundation unit (major)
HUB000 or elective unit (general)
Elective unit (major)

Year 1, Semester 2

Faculty foundation unit
Course foundation unit (minor)
HUB000 or elective unit (general)
Elective unit (minor)

Year 2, Semester 1

Elective unit (major)
Elective unit (major)
Elective unit (major)
Elective unit (major)

Year 2, Semester 2

Elective unit (major)
Elective unit (minor)
Elective unit (minor)
Elective unit (general)

Note: Students studying a language as their major need to begin their education Studies in Year Two so that they can extend their Language Studies into Year Three. Language students are required to take CLB305 Education in Context in Semester 1, Year 2 and LEB335 Human Development and Education in Semester 2, Year 2. Students should consult with the appropriate language coordinator to organise their study program.

EDUCATION COMPONENT

Year 3, Semester 1

CLB305 Education in Context
EAB442 Early Childhood Foundations 1
EAB347 Early Childhood Curriculum: Early Mathematics Explorations
PRB424 Early Childhood Professional Practice: Preschool/Kindergarten

Year 3, Semester 2

LEB335 Human Development & Education
EAB345 Early Childhood Curriculum: Language Education
EAB443 Early Childhood Curriculum: Early Mathematics Explorations
PRB423 Early Childhood Professional Practice: Lower Primary

Year 4, Semester 1

LEB336 Psychology of Learning & Teaching
EAB348 Early Childhood Curriculum: Arts
EAB413 Management of Early Childhood Services
PRB422 Early Childhood Professional Practice: Child Care

Year 4, Semester 2

CLB306	Understanding Educational Practices
EAB444	Early Childhood Foundations 3
PRB425	Early Childhood Professional Practice: Choice
EAB346	Early Childhood Curriculum: Science/ Society & the Environment

■ Bachelor of Arts (Humanities)/ Bachelor of Education (Primary) (IF82)

Location: Carseldine and Kelvin Grove campuses

Course Duration: 4 years full-time

Total Credit Points: 384 (192 in the Bachelor of Arts; 192 in the Bachelor of Education)

Course Coordinators:

Arts: Dr Iraphne Childs

Education: Dr Jenny Campbell

Course Requirements

ARTS COMPONENT

In **first and second years** students are required to complete the following components of the degree:

- The first year requirements (eight units) which include:
 - HUB000 Applied Skills and Scholarship
 - two faculty foundation units (see List A)
 - two-three course foundation units (see List B)
 - two-three elective units (see Lists C)

Note: a minimum of four of these eight units must be chosen from School of Humanities and Social Science units.

In **second year** a further eight units to complete:

- one major study sequence chosen from those offered within the School of Humanities and Social Science; and
- one minor study sequence from those offered in the School of Humanities and Social Science or from other minor study sequences offered elsewhere within QUT.

All students doing courses in the School of Humanities and Social Science are required to complete HUB000. This unit will be offered in semesters 1 and 2. Students may be exempted if they have completed a first year university course or a similar unit at another tertiary institution. Students seeking exemption must discuss their case with the course coordinator.

Major/Minor Study Sequences

For details of majors and minor options, refer to the Bachelor of Arts (Humanities) (HU22) course entry in the Faculty of Arts section.

All students except those studying a language as their major, complete the Bachelor of Arts component of the degree in semesters 1-4, and the Bachelor of Education (Primary) component in semester 5-8.

Lists A, B and C

For details, refer to the Bachelor of Arts (HU22) entry in the Faculty of Arts section.

List D – Minor Foundation Units for Primary Teaching

Students may choose these units to provide foundations or disciplines that they have not covered in the secondary studies. These units are offered outside the School of Humanities and Social Science. However, they fulfil the minor study sequence requirement of the Bachelor of Arts component of the double degree.

Students may select four units from the following:

AAB918	Arts Foundation Studies
MDB386	Mathematics Foundations
MDB387	Science Foundations
HMB171	Fitness, Health & Wellness
MDB385	Information Technologies in Education
PRB371	Social & Environmental Foundations

Part-time Students

Part-time study is only an option during the Bachelor of Arts component of the course (ie. during Years 1 and 2). Under current Faculty of Education requirements, the Education component of this course **must** be done on a full time basis.

During their first year part-time, Bachelor or Arts students normally enrol in four units. The following is the recommend pattern of enrolment:

- HUB000 Applied Skills and Scholarship
- two faculty foundation units (one per semester) (see List A)
- one course foundation unit offered by the School of Humanities and Social Science (See List B) or
- one elective unit (see List C).

ARTS COMPONENT

Year 1, Semester 1

Faculty foundation unit
Course foundation unit (major)
HUB000 or elective unit (general)
Elective unit (major)

Year 1, Semester 2

Faculty foundation unit
Course foundation unit (minor)
HUB000 or elective unit (general)
Elective unit (minor)

Year 2, Semester 1

Elective unit (major)
Elective unit (major)

Elective unit (major)
Elective unit (major)

Year 2, Semester 2

Elective unit (major)
Elective unit (minor)
Elective unit (minor)
Elective unit (general)

Note that students studying a language as their major need to begin their education studies in year two so that they can extend their language studies into year three. Language students are required to take CLB305 Education in Context in Semester 1, Year 2 and LEB335 Human Development and Education in Semester 2, Year 2. Students should consult with the appropriate language coordinator to organise their study program.

EDUCATION COMPONENT

Year 3, Semester 1

CLB305 Education in Context
MDB450 Primary Mathematics Curriculum
PRB387 Studies in Society & Environment Curriculum
PRB347 Primary Professional Practice1: Classroom Management

Year 3, Semester 2

AAB914 Visual and Performing Arts Curriculum
LEB335 Human Development & Education
MDB383 Using Technology in the Curriculum
PRB348 Primary Professional Practice 2: Curriculum Decision Making

Year 4, Semester 1

LEB336 Psychology of Learning and Teaching
PRB349 Primary Professional Practice3: The Inclusive Curriculum
HMB307 Health & Physical Education Curriculum

And either:

CLB413 Programming & Assessment in Language and Mathematics
OR
CLB334 Primary LOTE Curriculum Studies*

* For students who have followed a LOTE pathway in the course.

Year 4, Semester 2

CLB306 Understanding Educational Practices
CLB454 Language & Literacy Curriculum
MDB384 Science Education
PRB350 Primary Professional Practice 4: Reflective Practice

□ Academy of The Arts Majors

- **Bachelor of Arts (Dance)/Bachelor of Education (Secondary) (IF75)**
- **Bachelor of Arts (Drama)/Bachelor of Education (Secondary) (IF76)**
- **Bachelor of Arts (Visual Arts)/Bachelor of Education (Secondary) (IF78)**
- **Bachelor of Music/Bachelor of Education (Secondary) (IF77)**

Year 1, Semesters 1 & 2; Year 2, Semesters 1 & 2
Students will complete 240 credit points in units offered by the Faculty of Arts.

These units will include the 24 credit points Faculty of Arts foundation program and an approved arts major of at least 168 credit points. Dance, Drama and Visual Arts students will undertake approved studies of at least 48 credit points in a second teaching area from units on offer in the Faculty of Arts. Music students have the option of undertaking approved studies of at least 48 credit points in a second teaching area from units on offer in the Faculty of Arts or taking an additional 48 credit points in Music electives.

EDUCATION COMPONENT

The following 4 core Education units will be undertaken in semesters 1 to 5:

CLB305 Education in Context
CLB341 Language Technology & Education
LEB335 Human Development & Education
LEB336 Psychology of Learning & Teaching

Year 3, Semester 1

CLB305 Education in Context
LEB335 Human Development & Education
LEB336 Psychology of Learning & Teaching
CLB341 Language Technology & Education

Year 3, Semester 2

PRB343 Secondary Professional Practice 1: Classroom Management
PRB344 Secondary Professional Practice 2: Curriculum Decision Making
Curriculum Studies 1X²
Curriculum Studies 1Y²

Year 4, Semester 1

CLB306 Understanding Educational Practices
PRB345 Secondary Professional Practice 3: The Inclusive Curriculum
Curriculum Studies 2X²
Curriculum Studies 2Y²

Year 4, Semester 2

PRB346 Secondary Professional Practice 4: Beginning Teaching
Education Studies elective²
Education Studies elective²
Curriculum Studies elective²

² Refer to the ED50 Bachelor of Education (Secondary) entry in the Faculty of Education section for details of available units.

OR

Middle Years Pathway

- LEB450 Middle Years of Schooling
- PRB426 The Middle Years Curriculum
- PRB426 The Middle Years Curriculum
- PRB427 Professional Internship of Associate Teaching

Refer to the ED50 Bachelor of Education (Secondary) entry in the Faculty of Education section for details of available units.

■ Bachelor of Arts (Dance)/ Bachelor of Education (IF75)

Location: Kelvin Grove campus

Course Duration: 4 years full-time

Total Credit Points: 432

Course Coordinators:

Academy of the Arts: Mr Evan Jones

Education: Dr Jenny Campbell

Course Structure

DANCE WITH SECOND TEACHING AREA OTHER THAN DRAMA AND MUSIC

Year 1, Semester 1

- Faculty foundation unit (choose from List A)
- AAB125 Dance Analysis & Dance Histories
- AAB180 Dance Technique Studies 1
- CLB305 Education in Context

Year 1, Semester 2

- AAB100 Dance Composition 1
- AAB106 The Analysis of Modern Dance
- AAB181 Dance Technique Studies 2
- LEB335 Human Development & Education
Second Teaching Area unit (List C)

Year 2, Semester 1^{^^}

- Faculty foundation unit (choose from List A)
- AAB117 Dance in Education
- AAB182 Dance Technique Studies 3
- AAB189 Dance Composition 2
Second Teaching Area unit (List C)

Year 2, Semester 2^{^^}

- AAB114 Dance in Australian Society
- AAB172 World Dance
- AAB176 Jazz & Popular Dance
- AAB183 Dance Technique Studies 4
Second Teaching Area unit (List C)

Year 3, Semester 1^{^^}

- AAB171 Theatre Dance Styles
- AAB116 Dance in the Community**
- LEB336 Psychology of Learning & Teaching
- CLB341 Language, Technology & Education

Education Component

Years 3, Semester 2 and Years 4 Semester 1 & 2

Refer to beginning of Academy of the Arts entry for Faculty of Education component of double degree.

DANCE WITH SECOND TEACHING AREA IN DRAMA

Year 1, Semester 1

- Faculty foundation unit (choose from List A)
- AAB180 Dance Technique Studies 1
- AAB257 Studies in Acting 1
- CLB305 Education in Context

Year 1, Semester 2

- AAB100 Dance Composition 1
- AAB172 World Dance
- AAB181 Dance Technique Studies 2
- AAB251 Theatre History Significant trends in the
20th Century
- LEB335 Human Development & Education

Year 2, Semester 1^{^^}

- Faculty foundation unit (choose from List A)
- AAB117 Dance in Education
- AAB182 Dance Technique Studies 3
- AAB214 Process Drama
- AAB125 Dance Analysis & Dance Histories

Year 2, Semester 2^{^^}

- AAB106 The Analysis of Modern Dance
- AAB114 Dance in Australian Society
- AAB183 Dance Technique Studies 4
- AAB280 Drama as Social Action
- AAB304 Forming Knowledge

Year 3, Semester 1^{^^}

- AAB171 Theatre Dance Styles
- AAB116 Dance in the Community**
- LEB336 Psychology of Learning & Teaching
- CLB341 Language, Technology & Education

Years 3, Semester 2 and Years 4 Semester 1 & 2

Refer to beginning of Academy of the Arts entry for Faculty of Education component of double degree.

DANCE WITH SECOND TEACHING AREA IN MUSIC

Year 1, Semester 1

- Faculty foundation unit (choose one unit from List A)
- AAB180 Dance Technique Studies 1
- CLB305 Education in Context
- AAB632 Core Musicianship 1

Year 1, Semester 2

- AAB100 Dance Composition 1
- AAB172 World Dance
- AAB181 Dance Technique Studies 2 (Ballet)
- LEB335 Human Development & Education
- AAB633 Core Musicianship 2

Year 2, Semester 1^{^^}

- Faculty foundation unit (choose from List A)
- AAB125 Dance Analysis & Dance Histories
- AAB182 Dance Technique Studies 3
- AAB621 Sound, Recording & Acoustic Design
- AAB634 Contemporary Musicianship 1

Year 2, Semester 2^{^^}

- AAB106 The Analysis of Modern Dance
- AAB183 Dance Technique Studies 4
- AAB114 Dance in Australian Society

AAB623 Conducting 1
AAB630 Music Textures

Year 3, Semester 1^{^^}

AAB171 Theatre Dance Styles
AAB116 Dance in the Community**
LEB336 Psychology of Learning & Teaching
CLB341 Language, Technology & Education

Years 3, Semester 2 and Years 4 Semester 1 & 2

Refer to beginning of Academy of the Arts entry for Faculty of Education component of double degree.

List A: Faculty of Arts Foundation Units

Refer to List A in the Bachelor of Arts (Visual Arts/ Bachelor of Education (Secondary) (IF78) course entry in this section.

List B: Drama Electives

AAB258 Studies in Acting 2
AAB259 The Performance Instrument: Body & Voice
AAB278 Technical Theatre
AAB252 Theatre History: The Sound of Theatre
AAB253 Theatre History: Staging Australia

List C: Second Teaching Area Units

Refer to List C in the Bachelor of Arts (Visual Arts/ Bachelor of Education (Secondary) (IF78) course entry in this section.

^{^^} Students who began the course prior to 2001 will follow an amended course progression to satisfy course requirements. See course coordinator for details.

** Not offered in 2001

■ Bachelor of Arts (Drama)/ Bachelor of Education (IF76)

Location: Kelvin Grove campus

Course Duration: 4 years full-time

Total Credit Points: 432

Course Coordinators:

Academy of the Arts: Ms Judith McLean

Education: Dr Jenny Campbell

Course Structure

DRAMA WITH SECOND TEACHING AREA OTHER THAN DANCE AND MUSIC

Year 1, Semester 1

Faculty foundation unit (choose AAB051 from List A)
AAB259 The Performance Instrument: Body & Voice
AAB257 Studies in Acting 1
CLB305 Education in Context

Year 1, Semester 2

AAB251 Theatre History: Significant Trends in 20th Century
AAB273 Performance 1
AAB278 Technical Theatre
AAB271 Studies in Directing
Second Teaching Area unit (List C)

Year 2, Semester 1^{^^}

Faculty Foundation Unit (choose one unit from List A)
AAB214 Process Drama
AAB308 Performance 2
LEB335 Human Development & Education
Second Teaching Area unit (List C)

Year 2, Semester 2^{^^}

AAB272 Drama & Community Cultural Development
AAB280 Drama as Social Action
AAB304 Forming Knowledge
Drama elective (List B)
Second Teaching Area unit (List C)

Year 3, Semester 1^{^^}

LEB336 Psychology of Learning & Teaching
CLB341 Language, Technology & Education
AAB253 Theatre History: Staging Australia
Drama elective (List B)
Second Teaching Area (List C)

Education Component

Year 3, Semester 2 and Year 4, Semesters 1 & 2

Refer to beginning of Academy of the Arts entry for Faculty of Education component of double degree.

DRAMA WITH SECOND TEACHING AREA IN DANCE

Year 1, Semester 1

Faculty foundation unit (choose AAB051 from List A)
AAB259 The Performance Instrument: Body & Voice
AAB257 Studies in Acting 1
CLB305 Education in Context

Year 1, Semester 2

Faculty foundation unit (choose one unit from List A)
AAB251 Theatre History: Significant Trends in 20th Century
AAB273 Performance 1
AAB271 Studies in Directing
AAB114 Dance in Australian Society

Year 2, Semester 1^{^^}

AAB125 Dance Analysis & Dance Histories
AAB214 Process Drama
AAB308 Performance 2
AAB180 Dance Techniques Studies 1
LEB335 Human Development & Education

Year 2, Semester 2^{^^}

AAB106 The Analysis of Modern Dance
AAB272 Drama & Community Cultural Development
AAB280 Drama as Social Action
AAB304 Forming Knowledge
AAB185 Dance Techniques Studies 4

Year 3, Semester 1^{^^}

LEB336 Psychology of Learning & Teaching
CLB341 Language, Technology & Education
AAB117 Dance in Education
AAB278 Technical Theatre
Drama elective (List B)

Education Component

Year 3, Semester 2 and Year 4, Semesters 1 & 2

Refer to beginning of Academy of the Arts entry for Faculty of Education component of double degree.

DRAMA WITH SECOND TEACHING AREA IN MUSIC

Year 1, Semester 1

- Faculty foundation unit (choose AAB051 from List A)
- AAB259 The Performance Instrument: Body & Voice
 - AAB632 Core Musicianship 1
 - AAB257 Studies in Acting 1
 - CLB305 Education in Context

Year 1, Semester 2

- Faculty foundation unit (choose one from List A)
- AAB251 Theatre History: Significant Trends in 20th Century
 - AAB273 Performance 1
 - AAB633 Core Musicianship 2
 - AAB271 Studies in Directing

Year 2, Semester 1^{^^}

- AAB214 Process Drama
- AAB253 Theatre History: Staging Australia
- AAB308 Performance 2
- AAB621 Sound Recording & Acoustic Design
- AAB634 Contemporary Musicianship 1
- LEB335 Human Development & Education

Year 2, Semester 2^{^^}

- AAB272 Drama & Community Cultural Development
- AAB280 Drama as Social Action
- AAB304 Forming Knowledge
- AAB630 Music Textures
- AAB623 Conducting 1

Year 3, Semester 1^{^^}

- LEB336 Psychology of Learning & Teaching
- CLB341 Language, Technology & Education
- AAB253 Theatre History: Staging Australia
- AAB278 Technical Theatre

Education Component

Year 3, Semester 2 and Year 4, Semesters 1 & 2

Refer to beginning of Academy of the Arts entry for Faculty of Education component of double degree.

List A: Faculty of Arts Foundation Units

Refer to List A in the Bachelor of Arts (Visual Arts/ Bachelor of Education (Secondary) (IF78) course entry in this section.

List B: Drama Electives

- AAB258 Studies in Acting 2
- AAB259 The Performance Instrument: Body & Voice
- AAB278 Technical Theatre
- AAB252 Theatre History: The Sound of Theatre
- AAB253 Theatre History: Staging Australia

List C: Second Teaching Area Units

Refer to List C in the Bachelor of Arts (Visual Arts/ Bachelor of Education (Secondary) (IF78) course entry in this section.

^{^^} Students who began the course prior to 2001 will follow an amended course progression to satisfy course requirements. See course coordinator for details.

■ Bachelor of Music/Bachelor of Education (IF77)

Location: Kelvin Grove campus

Course Duration: 4 years full-time

Total Credit Points: 432

Course Coordinators:

Academy of the Arts (Music): Ms Sue Forster

Education: Dr Jenny Campbell

Course Structure

CLASSROOM MUSIC SPECIALISATION AND INSTRUMENTAL TEACHING STRAND (without a second teaching area)

Year 1, Semester 1

- AAB641 Principal Studies A*
- AAB632 Core Musicianship 1
- AAB621 Sound, Recording & Acoustic Design
Faculty foundation unit (List A)

Year 1, Semester 2

- AAB642 Principal Studies B*
- AAB633 Core Musicianship 2
- AAB630 Music Textures
- CLB305 Education in Context
Music elective (List D)

Year 2, Semester 1^{^^}

- AAB643 Principal Studies C
- AAB634 Contemporary Musicianship 1 (Art Music)
OR
- AAB636 Contemporary Musicianship 3 (Cross-Cultural)
Faculty foundation unit (List A)
Music elective (List D)
Music elective (List D)

Year 2, Semester 2^{^^}

- AAB644 Principal Studies D
- AAB635 Contemporary Musicianship 2 (Sound Media) OR
- AAB637 Contemporary Musicianship 4 (Jazz & Popular)
Music elective (List D)
Music elective (List D)
- LEB335 Human Development & Education

Year 3, Semester 1^{^^}

- LEB336 Psychology of Learning & Teaching
- CLB341 Language, Technology & Education (previously LAB341)
Music elective (List D)
Music elective (List D)
Music elective (List D)

Education Component

Year 3, Semester 2 and Year 4, Semesters 1 & 2

Refer to beginning of Academy of the Arts entry for Faculty of Education component of double degree.

CLASSROOM MUSIC SPECIALISATION WITH A SECOND TEACHING AREA IN DANCE

Year 1, Semester 1

- AAB641 Principal Studies A*
- AAB632 Core Musicianship 1
- AAB621 Sound, Recording & Acoustic Design
Faculty foundation unit (List A)

Year 1, Semester 2

- AAB642 Principal Studies B*
- AAB633 Core Musicianship 2
- AAB630 Music Textures
- AAB114 Dance in Australian Society
- CLB305 Education in Context

Year 2, Semester 1^^

- AAB643 Principal Studies C
- AAB634 Contemporary Musicianship 1 (Art Music)
OR
- AAB636 Contemporary Musicianship 3 (Cross-Cultural)
- AAB180 Dance Technique Studies 1
- AAB125 Dance Analysis & History 1
Faculty foundation unit (List A)

Year 2, Semester 2^^

- AAB644 Principal Studies D
- AAB635 Contemporary Musicianship 2 (Sound) OR
- AAB637 Contemporary Musicianship 4 (Jazz & Popular)
- AAB106 The Analysis of Modern Dance
- AAB183 Dance Technique Studies 4
- LEB335 Human Development & Education

Year 3, Semester 1^^

- LEB336 Psychology of Learning & Teaching
- CLB341 Language, Technology & Education
(previously LAB341)
- AAB117 Dance in Education
Music elective (List D)
Music elective (List D)

Education Component

Year 3, Semester 2 and Year 4, Semesters 1 & 2

Refer to beginning of Academy of the Arts entry for Faculty of Education component of double degree.

CLASSROOM MUSIC SPECIALISATION WITH A SECOND TEACHING AREA IN DRAMA

Year 1, Semester 1

- AAB641 Principal Studies A*
- AAB632 Core Musicianship 1
- AAB621 Sound, Recording & Acoustic Design
- AAB257 Studies in Acting 1
Faculty foundation unit (List A)

Year 1, Semester 2

- AAB642 Principal Studies B*
- AAB633 Core Musicianship 2
- AAB630 Music Textures
- AAB251 Theatre History: Significant Trends
- CLB305 Education in Context

Year 2, Semester 1^^

- AAB643 Principal Studies C
- AAB634 Contemporary Musicianship 1 (Art Music)
OR
- AAB636 Contemporary Musicianship 3 (Cross-Cultural)
- AAB214 Process Drama
Faculty foundation unit (List A)
Drama elective (List B)

Year 2, Semester 2^^

- AAB280 Drama as Social Action
- AAB304 Forming Knowledge
- AAB635 Contemporary Musicianship 2 (Sound Media) OR
- AAB637 Contemporary Musicianship 4 (Jazz & Popular)
- AAB644 Principal Studies D
- LEB335 Human Development & Education

Year 3, Semester 1^^

- LEB336 Psychology of Learning & Teaching
- CLB341 Language, Technology & Education
Music elective (List D)
Music elective (List D)

Education Component

Year 3, Semester 2 and Year 4, Semesters 1 & 2

Refer to beginning of Academy of the Arts entry for Faculty of Education component of double degree.

CLASSROOM MUSIC SPECIALISATION WITH A SECOND TEACHING AREA OTHER THAN DRAMA AND DANCE

Year 1, Semester 1

- AAB641 Principal Studies A*
- AAB632 Core Musicianship 1
- AAB621 Sound, Recording & Acoustic Design
Faculty foundation unit (List A)

Year 1, Semester 2

- AAB642 Principal Studies B*
- AAB633 Core Musicianship 2
- AAB630 Music Textures
- CLB305 Education in Context
Second Teaching Area unit (List C)

Year 2, Semester 1^^

- AAB643 Principal Studies C
- AAB634 Contemporary Musicianship 1 (Art Music)
OR
- AAB636 Contemporary Musicianship 3 (Cross-Cultural)
Faculty foundation unit (List A)
Music elective (List D)
Second Teaching Area (List C)

Year 2, Semester 2^{^^}

- AAB644 Principal Studies D
 AAB635 Contemporary Musicianship 2 (Sound Media) OR
 AAB637 Contemporary Musicianship 4 (Jazz & Popular)
 LEB335 Human Development & Education
 Music elective (List D)
 Second Teaching Area (List C)

Year 3, Semester 1^{^^}

- LEB336 Psychology of Learning & Teaching
 CLB341 Language, Technology & Education (previously LAB341)
 Music elective (List D)
 Music elective (List D)
 Second Teaching Area unit (List C)

Education Component**Year 3, Semester 2 and Year 4, Semesters 1 & 2**

Refer to beginning of Academy of the Arts entry for Faculty of Education component of double degree.

List A: Faculty of Arts Foundation Units

Refer to List A in the Bachelor of Arts (Visual Arts/ Bachelor of Education (Secondary) (IF78) course entry in this section.

List B: Drama Electives

- AAB258 Studies in Acting 2
 AAB259 The Performance Instrument: Body & Voice
 AAB278 Technical Theatre
 AAB252 Theatre History: The Sound of Theatre
 AAB253 Theatre History: Staging Australia

List C: Second Teaching Area Units

Refer to List C in the Bachelor of Arts (Visual Arts/ Bachelor of Education (Secondary) (IF78) course entry in this section.

List D: Music Elective**Semester 1**

- AAB616 Ensemble Project 1 (year-long unit)
 AAB617 Choral & Instrumental Arranging
 AAB618 Composition for Film & Television
 AAB622 Second Study 1 (year-long unit) +
 AAB626 Music & Sound for Multimedia
 AAB628 Second Study 2 (year-long unit)
 AAB629 Ensemble Project 2 (year-long unit)
 AAB631 World Music+
 AAB634 Contemporary Musicianship 1 (Art Music)
 AAB636 Contemporary Musicianship 3 (Cross Cultural)
 AAB638 Sound & Image+
 AAB639 Music Directing (year-long unit)

Semester 2

- AAB620 Popular Song Writing+
 AAB623 Conducting
 AAB626 Music & Sound for Multimedia
 AAB635 Contemporary Musicianship 2 (Sound Media)
 AAB637 Contemporary Musicianship 4 (Jazz & Popular)

- AAB640 Sex, Drugs, Rock n Roll (The Interaction of Society & Music of our Time)+
 AAB648 The Australian Music Scene

^{^^} Students who began the course prior to 2001 will follow an amended course progression to satisfy course requirements. See course coordinator for details.

* Designated unit – See Student Rules for details
 + Recommended elective choices for first year students.

■ Bachelor of Arts (Visual Arts)/ Bachelor of Education (IF78)

Location: Kelvin Grove campus

Course Duration: 4 years full-time

Total Credit Points: 432

Course Coordinators:

Academy of the Arts: Associate Professor David Hawke

Education: Dr Jenny Campbell

Course Structure**Year 1, Semester 1**

- Faculty foundation unit (choose from List A)
 AAB726 Introduction to the History of Art
 AAB740 Studio Art Practice 1*

Year 1, Semester 2

- AAB741 Studio Art Practice 2*
 CLB305 Education in Context
 Second Teaching Area unit (List C)
 Visual Arts elective (List B)

Year 2, Semester 1^{^^}

- Faculty foundation unit (choose from List A)
 AAB742 Studio Art Practice 3*
 LEB335 Human Development & Education
 Second Teaching Area unit (List C)

Year 2, Semester 2^{^^}

- AAB056 Professional Studies
 AAB701 Modernism
 Visual Arts elective (List B)
 Visual Arts elective (List B)
 Second Teaching Area unit (List C)

Year 3, Semester 1^{^^}

- LEB336 Psychology of Learning & Teaching
 CLB341 Language, Technology & Education
 Visual Arts elective (List B)
 Second Teaching Area unit (List C)

Education Component**Year 3, Semester 2 and Year 4, Semesters 1 & 2^{^^}**

Refer to beginning of Academy of the Arts entry for Faculty of Education component of double degree.

List A: Faculty Foundation Units

- AAB051 Arts in Society
 HUB600 Australian Society & Culture
 HUB687 Contemporary Moral Issues

- MJB140 Media & Society
 HSB002 Introduction to Human Rights
 PYB007 Interpersonal Skills & Processes

List B: Visual Arts Electives

- AAB447 Drawing
 AAB457 Sculpture
 AAP503 Clay Materials
 AAP507 Painting
 AAB509 Photographic Media
 AAP511 Printmaking

Visual Arts Theory Electives

Semester 2

- AAB444 Visual Arts of Asia
 AAB728 Readings in Feminism & Visual Arts (TBC)

In addition to QUT units, arrangements exist for cross-institutional enrolments in Art History and Theory subjects offered by The University of Queensland. Contact the course coordinator for details.

List C: Second Teaching Area Units

English (48 credit points)

Required Unit:

- CLB320 Studies in Language (previously LAB320)

Up to 12 credit points from introductory units:

- MJB140 Media & Society
 HUB716 Introduction to Literary & Cultural Studies

No less than 24 credit points from advanced units:

- CLB321 Writing Workshop (previously LAB321)
 CLB322 Literature in Teaching (previously LAB322)
 CLB323 Teaching Adolescent Literature (previously LAB323)
 HUB625 North American Literature
 HUB710 Australian Literature & Culture
 HUB711 Australian Womens Writing
 HUB712 Australian Childrens & Adolescent Fiction
 HUB724 Nineteenth Century English Literature & Culture
 HUB725 Twentieth Century Literature & Culture
 HUB729 Shakespeare in the Modern World
 HUB730 Gender & Representation

History (48 credit points)

Note: Students should seek to select units from each of areas of Australian, Asian, European and the Ancient World.

Up to 24 credit points from introductory units:

- HUB649 Interpreting the Past
 HUB610 Approaches to Asia Pacific Studies

No less than 24 credit points from advanced units:

- HUB330 Brisbane in the 20th Century
 HUB618 Asian Woman
 HUB619 Pacific Culture Contact
 HUB629 Modern China
 HUB692 Conspiracy & Dissent in Australian History
 HUB722 Foundations of Modern Europe
 HUB744 Medieval Europe

Geography (48 credit points)

Up to 24 credit points from introductory units:

- HUB201 Environment & Society
 HUB202 World Regions
 HUB207 Environmental Hazards
 HUB685 Australian Resource Management

No less than 24 credit points from advanced units:

- HUB683 Australian Geographical Studies
 HUB626 Contemporary Southeast Asia

Languages Other Than English (LOTE) (48 credit points)

Note: Second Teaching Areas in LOTE must achieve the Level 6 language unit before beginning Curriculum Studies units in that language. Consequently, students need to begin these studies at Level 3 which requires that the language has been successfully studied to the Higher School Certificate, or that the student has been assessed by the coordinator of those units to be at satisfactory level of competency in that language.

Indonesian

- HUB652 Indonesian 3
 HUB653 Indonesian 4
 HUB654 Indonesian 5
 HUB655 Indonesian 6

Japanese

- HUB662 Japanese 3
 HUB663 Japanese 4
 HUB664 Japanese 5
 HUB665 Japanese 6

French

- HUB672 French 3
 HUB673 French 4
 HUB674 French 5
 HUB675 French 6

German

- HUB737 German 3
 HUB738 German 4
 HUB739 German 5
 HUB740 German 6

Film & Media (48 credit points)

Compulsory Unit:

- MJB130 Media Text Analysis*

36 credit points from advanced units:

- MJB155 Media Production
 MJB141 Film & Television Language
 MJB147 Film & Television Genres
 MJB307 Feminist Media Studies
 MJB260 Community & Educational Video
 MJB209 Australian Television
 MJB343 Australian Film
 MJB305 American Film & Society
 MJB336 New Media Technologies

Students are recommended to include MJB140 Media and Society as their faculty core unit selection. All units are taught on Gardens Point campus.

^{^^} Students who began the course prior to 2001 will follow an amended course progression to satisfy course requirements. See course coordinator for details.

* Designated unit – See Student Rules for details.

■ Bachelor of Arts/Bachelor of Laws (IF36)*

* This course is currently being phased out and is not accepting new students. It is replaced by the Bachelor of Arts (Humanities)/Bachelor of Laws (IF43) course.

Location: Carseldine and Gardens Point campuses

Course Duration: 5 years full-time

Total Credit Points: 528

Standard Credit Points/Full-time Semester: 48 (years 1-3), 60 (years 4-5)

Course Coordinators:

Humanities: Ms Jane Williamson-Fien

Law: Ms Lindy Willmott

Course Requirements

ARTS COMPONENT

(Years 1 and 2)

Students must complete:

- first year requirements for (HU20)
- four faculty foundation units (one per semester over the first two years of study), and
- one major study sequence offered by the School of Humanities and Social Science.

Notes

Any student who has not completed the Bachelor of Arts component of this course should contact the Arts course coordinator to discuss their enrolment program.

Students wishing to change status from internal to external must do so in writing to the Senior Administration Officer (Law School).

Students undertaking this course should not normally enrol in elective units until year 5 of the course. Students must seek prior approval to undertake elective units from other schools or faculties.

If the Law course structure does not meet your progression through the course contact the Administration Officer (Law School).

■ Bachelor of Arts (Humanities)/ Bachelor of Laws (IF43)

Location: Carseldine and Gardens Point campuses

Course Duration: 5 years full-time

Total Credit Points: 528

Standard Credit Points/Full-time Semester: 48 (years 1-3); 60 (years 4-5)

Course Coordinators:

Humanities: Ms Jane Williamson-Fien

Law: Ms Lindy Willmott

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 this handbook.

Course Requirements

ARTS COMPONENT

In **first and second years** students are required to complete the following components of the degree:

- The first year requirements (eight units) which include:
 - HUB000 Applied Skills and Scholarship
 - two faculty foundation units (see List A)
 - two to three course foundation units (see List B)
 - two to three elective units (see List C)

A minimum of four of these eight units must be chosen from School of Humanities and Social Science units.

Lists A, B and C

For details, refer to the Bachelor of Arts (Humanities) (HU22) course entry in the Faculty of Arts section.

In **second year**, a further eight units to complete:

- one major study sequence chosen from those offered within the School of Humanities and Social Science; and
- one minor study sequence chosen from those offered in the School of Humanities and Social Science or from other minor study sequences offered elsewhere within QUT.

Students must ensure that a minimum of 12 of the 16 units in the Bachelor of Arts component of the course must be chosen from units offered within the School of Humanities and Social Science.

All students doing courses in the School of Humanities and Social Science are required to completed HUB000. This unit will run in both semesters. Students may be exempted if they have completed a first year university course or a similar unit at another tertiary institution. Students seeking exemption must discuss their case with the Bachelor of Arts course coordinator.

Major/Minor Study Sequences

For details of majors and minor available, refer to the Bachelor or Arts (Humanities) (HU22) course entry in the Faculty of Arts section.

Part-time Students

Part-time students note that during their first year, part-time students normally enrol in four units. The following is the recommended pattern of enrolment:

- HUB000 Applied Skills and Scholarship
- two faculty foundation units (see List A)
- one course foundation units (See List B) or
- one elective unit (See List C).

Course Structure

ARTS COMPONENT

Year 1, Semester 1

Faculty foundation unit
Course foundation unit (major)
HUB000 or elective unit (general)
Elective unit (major)

Year 1, Semester 2

Faculty foundation unit
Course foundation unit (minor)
HUB000 or elective unit (general)
Elective unit (minor)

Year 2, Semester 1

Elective unit (major)
Elective unit (major)
Elective unit (major)
Elective unit (major)

Year 2, Semester 2

Elective unit (major)
Elective unit (minor)
Elective unit (minor)
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.

LAW COMPONENT

Year 3, Semester 1

Introduction to Legal Research
LWB136 Contracts A
LWB138 Fundamentals of Torts
LWB141 Legal Institutions & Method
LWB142 Law, Society & Justice

Year 3, Semester 2

LWB137 Contracts B
LWB139 Select Issues in Torts
LWB143 Legal Research & Writing
LWB144 Laws and Global Perspectives

Year 4, Semester 1

LWB231 Introduction to Public Law
LWB232/1 Criminal Law & Procedure
LWB233/1 Real Property
LWB234/1 Equity & Trusts
LWB332 Commercial & Personal Property Law

Year 4, Semester 2

LWB232/2 Criminal Law & Procedure
LWB233/2 Real Property
LWB234/2 Equity & Trusts
LWB235 Australian Federal Constitutional Law
LWB334 Corporate Law

Year 5, Semester 1

LWB333 Theories of Law
LWB431 Civil Procedure
LWB432 Evidence
LWB434 Advanced Research & Legal Reasoning
Elective units⁶

Year 5, Semester 2

LWB331 Administrative Law
LWB433 Professional Responsibility
Elective units⁶

For information on the availability of law elective units, refer to the Bachelor of Laws (LW33) course entry in the Faculty of Law section.

■ Bachelor of Arts (Journalism/ Media Studies)/Bachelor of Laws (IF35)

Location: Gardens Point and Carseldine campuses

Course Duration: 5 years full-time

Total Credit Points: 528

Standard Credit Points/Full-time Semester:

60 (years 1 & 4); 48 (years 2, 3, & 5)

Course Coordinators:

Law: Ms Lindy Willmott

Journalism: Mr Lee Duffield

Media Studies: Dr Gary MacLennan

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 this handbook.

Arts Faculty Foundation Units

2 from 5 units with none designated by major:

AAB051 Arts in Society
HUB331 Asian Identities

⁶ A student is required to complete a total of 48 credit points of elective units for the Bachelor of Laws component. A student may undertake, as electives, units offered by other faculties or schools provided prerequisites are satisfied but limitations are imposed on the number of introductory units which may be undertaken. Before undertaking such units, a student must obtain the approval of the Faculty of Law and the faculty or school responsible for the unit or course. Approval by the Faculty of Law will require a student to demonstrate that the units form a coherent program.

HUB600 Australian Society & Culture
 MJB140 Media & Society
 HSB002 Introduction to Human Rights
 PYB007 Interpersonal Skills & Resources

Media and Journalism School Core Units

6 from 8 units with up to 3 designated by major
 (Note: choose only from those units not already in your major core):

MJB250 Introduction to Creative Writing
 MJB204 Media Industries & Issues
 MJB155 Media Production
 MJB111 Media Writing
 MJB336 New Media Technologies
 MJB120 Newswriting
 MJB275 Media Legal Issues
 MJB314 Media Business
 MJB380 Non-fiction Creative Writing

In the Bachelor of Arts (Journalism) component of this course, on the recommendation of the Arts major coordinator, students may be permitted to replace one or two of the Media and Journalism school core unit (student choice) units with MJB335 Professional Media Practice and/or MJB390 Supervised Project.

Course Structure

JOURNALISM MAJOR

Students complete the Faculty of Arts component of this program with two faculty foundation units, six school core units and a 10 unit Journalism major.

Full-time Structure

Year 1, Semester 1

MJB101 Journalism Information Systems
 MJB120 Newswriting
 Faculty of Arts foundation unit
 Introduction to Legal Research
 LWB141 Legal Institutions & Method
 LWB142 Law, Society and Justice

Year 1, Semester 2

MJB121 Journalistic Inquiry
 MJB180 Speech Communication for Journalists
 Faculty of Arts foundation unit
 Legal Research & Writing
 LWB144 Laws & Global Perspectives

Year 2, Semester 1

MJB239 Journalism Ethics & Issues
 MJB224 Feature Writing
 MJB155 Media Production
 LWB136 Contracts A

Year 2, Semester 2

MJB232 Radio & TV Journalism 1
 MJB336 New Media Technologies

LWB137 Contracts B
 PLUS select one School of Media & Journalism core unit

Year 3, Semester 1

MJB322 Sub-editing & Layout
 MJB338 Radio & TV Journalism 2
 LWB138 Fundamentals of Torts
 LWB232/1 Criminal Law & Procedure

Year 3, Semester 2

MJB303 News Production
 MJB337 Public Affairs Reporting
 LWB139 Select Issues in Torts
 LWB232/2 Criminal Law & Procedure

Year 4, Semester 1

LWB231 Introduction to Public Law
 LWB233/1 Real Property
 LWB234/1 Equity & Trusts
 LWB332 Commercial & Personal Property Law
 LWB333 Theories of Law

Year 4, Semester 2

LWB233/2 Real Property
 LWB234/2 Equity & Trusts
 LWB235 Australian Federal Constitutional Law
 LWB331 Administrative Law
 LWB334 Corporate Law

Year 5, Semester 1

LWB431 Civil Procedure
 LWB432 Evidence
 LWB434 Advanced Research & Legal Reasoning
 MJB250 Introduction to Creative Writing

Year 5, Semester 2

LWB433 Professional Responsibility
 PLUS select one School of Media & Journalism core unit
 Elective units⁷

Elective Units

For information on the availability of law elective units, refer to relevant section in the Bachelor of Laws course entry in the Faculty of Laws section.

MEDIA STUDIES MAJOR

Students complete the Faculty of Arts component of this program with two faculty foundation units, five school core units and a nine unit Media Studies major.

Continuing students who commenced their studies in the Media Studies major prior to 1998 should continue their course structure as displayed on the discipline coordinators noticeboard outside B527, Gardens Point campus.

Students who commenced their studies in the Media Studies major in 1998 or later, should follow the course structure below.

⁷ A student is required to complete a total of 24 credit points of elective units for the Bachelor of Laws component of the Journalism major. A student may undertake, as electives, units offered by other faculties or schools provided pre-requisites are satisfied but limitations are imposed on the number of introductory units which may be undertaken. Before undertaking such units, a student must obtain the approval of the Faculty of Law and the faculty or school responsible for the unit or course. Approval by the Faculty of Law will require a student to demonstrate that the units form a coherent program.

Full-time Structure

Year 1, Semester 1

MJB130	Media Text Analysis
MJB141	Film & Television Language Faculty of Arts foundation unit Introduction to Legal Research
LWB141	Legal Institutions & Method
LWB142	Law, Society & Justice

Year 1, Semester 2

MJB147	Film & Television Genres School of Media & Journalism core unit School of Media & Journalism core unit
LWB143	Legal Research & Writing
LWB144	Laws and Global Perspectives

Year 2, Semester 1

MJB233	Television Cultures
MJB204	Media Industries & Issues
MJB209	Australian Television
LWB136	Contracts A

Year 2, Semester 2

MJB336	New Media Technologies School of Media & Journalism core unit
MJB305	American Film & Society OR
MJB358	Documentary Theory & Practice
LWB137	Contracts B

Year 3, Semester 1

MJB343	Australian Film Faculty foundation unit
LWB138	Fundamentals of Torts
LWB232/1	Criminal Law & Procedure

Year 3, Semester 2

LWB139	Select Issues in Torts
LWB232/2	Criminal Law & Procedure

Plus select TWO of the following three Media and Journalism units:

MJB307	Feminist Media Studies
MJB344	European Cinema
MJB311	Asian Film & Media

Year 4, Semester 1

LWB231	Introduction to Public Law
LWB233/1	Real Property
LWB234/1	Equity & Trusts
LWB332	Commercial & Personal Property Law
LWB333	Theories of Law

Year 4, Semester 2

LWB233/2	Real Property
LWB234/2	Equity & Trusts
LWB235	Australian Federal Constitutional Law
LWB331	Administrative Law
LWB334	Corporate Law

Year 5, Semester 1

LWB431	Civil Procedure
LWB432	Evidence

LWB434	Advanced Research & Legal Reasoning Elective units ⁶
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Year 5, Semester 2

LWB433	Professional Responsibility Elective units ⁶
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Elective Units

For information on the availability of law elective units, refer to relevant section in the Bachelor of Laws course entry in the Faculty of Law section. The offering of elective units in any semester is dependent upon sufficient minimum enrolments in the unit and the availability of staff.

■ Bachelor of Business/Bachelor of Education (Secondary) (IF72)

Location: Gardens point, Carseldine and Kelvin Grove campuses

Course Duration: 4 years full-time

Total Credit Points: 432

Standard Credit Points/Full-time Semester: 54 (average)

Course Coordinators:

Business: Mr Andrew Paltridge

Education: Dr Jenny Campbell

Copies of Faculty of Business Rules and Procedures are available from the Faculty of Business enquiries counter at Gardens Point in Z407, or Carseldine in C201.

Full-time Course Structure

BUSINESS COMPONENT

Year 1, Semester 1

BSB113	Economics
EFB101	Data Analysis for Business
BSB110	Accounting
BSB112	Introduction to Electronic Commerce

Year 1, Semester 2

EFB102	Economics 2
AYB121	Financial Accounting
BSB114	Government, Business & Society
BSB116	Marketing & International Business One Education Studies unit (List A)

Year 2, Semester 1

EFB202	Business Cycles & Economic Growth
EFB211	Firms, Markets & Resources
AYB220	Company Accounting
AYB221	Computerised Accounting Systems One Education Studies unit (List A)

⁶ A student is required to complete a total of 48 credit points of elective units for the Bachelor of Laws component for the Media Studies major. A student may undertake, as electives, units offered by other faculties or schools provided prerequisites are satisfied but limitations are imposed on the number of introductory units which may be undertaken. Before undertaking such units, a student must obtain the approval of the Faculty of Law and the faculty or school responsible for the unit or course. Approval by the Faculty of Law will require a student to demonstrate that the units form a coherent program.

Year 2, Semester 2

EFB314	International Trade & Economic Competitiveness
EFB323	Financial & Monetary Economics
AYB120	Business Law
AYB225	Management Accounting 1 One Education Studies unit (List A)

Year 3, Semester 1

AYB301	Auditing
BSB111	Business Law & Ethics
BSB115	Management, People & Organisations
BSB117	Professional Communication & Negotiation One Education Studies unit (List A)

EDUCATION COMPONENT**Year 3, Semester 2**

PRB343	Secondary Professional Practice 1: Classroom Management
PRB344	Secondary Professional Practice 2: Curriculum Decision Making Curriculum Studies 1X ² Curriculum Studies 1Y ²

Year 4, Semester 1

CLB306	Understanding Educational Practices
PRB345	Secondary Professional Practice 3: The Inclusive Curriculum Curriculum Studies 2X ² Curriculum Studies 2Y ²

Year 4, Semester 2

PRB346	Secondary Professional Practice 4: Beginning Teaching Education Studies elective ² Education Studies elective ² Curriculum Studies elective ²
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OR

Middle Years Pathway

LEB450	Middle Years of Schooling
PRB346	Secondary Professional Practice 4: The Beginning Teacher
PRB426	The Middle Years Curriculum
PRB427	Professional Internship of Associate Teaching (prerequisite: GPA ≥ 5)

List A

Education units are to be taken over the first five semesters of the course.

CLB305	Education in Context
CLB341	Language Technology & Education
LEB335	Human Development & Education
LEB336	Psychology of Learning & Teaching

■ Bachelor of Business/Bachelor of Laws (IF41)**Location:** Gardens Point campus**Course Duration:** 5 years full-time**Total Credit Points:** 528**Standard Credit Points/Full-time Semester:** 60 (Years 1 & 4); 48 (years 2, 3, & 5)**Course Coordinators:***Business:* Mr Andrew Paltridge*Law:* Ms Lindy Willmott

Business Majors: Banking and Finance, Communication, Economics, Human Resource Management, International Business, Management and Marketing. Refer to the Bachelor of Business (BS56) course entry for information on the double majors, extended majors and specialisations within the Business component of the degree, and major coordinators.

Professional recognition

The law component of the degree satisfies the academic requirements for admission to practice as a Solicitor or Barrister in Queensland. For information on the academic requirements of the accrediting bodies recognising study in the Bachelor of Business component, refer to the section on professional recognition in the relevant majors within the Bachelor of Business course entry.

Course structure

Students supplement the law component of this program with seven faculty core units and one major consisting of six units undertaken in the Faculty of Business, selected from the following: Banking and Finance; Communication; Economics; Human Resource Management; International Business; Management; or Marketing as well as three extended major/specialisation units. For further information on the units within each of the majors, refer to the relevant section in the Bachelor of Business (BS56) course entry.

Copies of Faculty of Business Rules and Procedures are available from the Faculty of Business enquiries counter at Gardens Point in Z407, or Carseldine in C201.

Elective Units

For information on the availability of law elective units, refer to the relevant section in the Bachelor of Laws course entry in the Faculty of Law section.

BANKING & FINANCE MAJOR**Year 1, Semester 1**

BSB112	Introduction to Electronic Commerce
BSB113	Economics
BSB115	Management, People & Organisations Introduction to Legal Research
LWB141	Legal Institutions & Method
LWB142	Law, Society & Justice

² Refer to the ED50 Bachelor of Education (Secondary) entry in the Faculty of Education section for details of available units.

Year 1, Semester 2

BSB110	Accounting
BSB116	Marketing & International Business
EFB102	Economics 2
LWB143	Legal Research & Writing
LWB144	Laws & Global Perspectives

Year 2, Semester 1

BSB114	Government, Business & Society
EFB101	Data Analysis for Business ⁸ OR One approved extended major/specialisation unit ⁹
EFB210	Finance 1
LWB136	Contracts A

Year 2, Semester 2

BSB117	Professional Communication & Negotiation
EFB307	Finance 2
EFB312	International Finance & Economics
LWB137	Contracts B

Year 3, Semester 1

EFB201	Financial Markets
LWB138	Fundamentals of Torts
LWB232/1	Criminal Law & Procedure One approved extended major/specialisation unit ⁹

Year 3, Semester 2

EFB101	Data Analysis for Business ⁸ OR One approved extended major/specialisation unit ⁹
One approved extended major/specialisation unit ⁹	
LWB139	Select Issues in Torts
LWB232/2	Criminal Law & Procedure

Year 4, Semester 1

LWB231	Introduction to Public Law
LWB233/1	Real Property
LWB234/1	Equity & Trusts
LWB332	Commercial & Personal Property Law
LWB333	Theories of Law

Year 4, Semester 2

LWB233/2	Real Property
LWB234/2	Equity & Trusts
LWB235	Australian Federal Constitutional Law
LWB331	Administrative Law
LWB334	Corporate Law

Year 5, Semester 1

LWB431	Civil Procedure
LWB432	Evidence
LWB434	Advanced Research & Legal Reasoning Elective units ⁶

Year 5, Semester 2

LWB433	Professional Responsibility Elective units ⁶
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BANKING AND FINANCE EXTENDED MAJOR

IF41 students must complete either (a) EFB310 Financial Institutions – Control and EFB311 Financial Institutions – Lending and AYB312 Financial Institutions Law OR (b) EFB308 Finance 3 and EFB318 Portfolio and Security Analysis and one Finance elective to satisfy academic requirements for Senior Associate Membership of the Australian Institute of Banking and Finance – AAIBF (Snr).

COMMUNICATION MAJOR

Year 1, Semester 1

BSB112	Introduction to Electronic Commerce
BSB115	Management, People & Organisations
BSB117	Professional Communication & Negotiation Introduction to Legal Research
LWB141	Legal Institutions & Method
LWB142	Law, Society & Justice

Year 1, Semester 2

COB222	Introduction to Communication Practice
COB308	Advertising Theory & Practice
COB325	Public Relations Theory & Practice
LWB143	Legal Research & Writing
LWB144	Laws & Global Perspectives

Year 2, Semester 1

BSB116	Marketing & International Business
COB216	Theoretical Perspectives on Communication
COB221	Communication Technology
LWB136	Contracts A

Year 2, Semester 2

BSB113	Economics
BSB114	Government, Business & Society
COB334	Communication Research Methods
LWB137	Contracts B

Year 3, Semester 1

LWB138	Fundamentals of Torts
LWB232/1	Criminal Law & Procedure One approved extended major/specialisation unit One approved extended major/specialisation unit

Year 3, Semester 2

BSB110	Accounting
LWB139	Select Issues in Torts
LWB232/2	Criminal Law & Procedure One approved extended major/specialisation unit

Year 4, Semester 1

LWB231	Introduction to Public Law
LWB233/1	Real Property

⁶ A student is required to complete a total of 48 credit points of elective units for the Bachelor of Laws component. A student may undertake, as electives, units offered by other faculties or schools provided prerequisites are satisfied but limitations are imposed on the number of introductory units which may be undertaken. Before undertaking such units, a student must obtain the approval of the Faculty of Law and the faculty or school responsible for the unit or course. Approval by the Faculty of Law will require a student to demonstrate that the units form a coherent program.

⁸ Students must complete EFB101 Data Analysis for Business and three extended major/specialisation units during the course. Exact timing will depend on students choice of extended major or specialisation.

⁹ All extended major/specialisation units for the Bachelor of Business are valued at 12 credit points and will normally involve at least three contact hours per week. Refer to the unit synopses section for further details.

LWB234/1 Equity & Trusts
 LWB332 Commercial & Personal Property Law
 LWB333 Theories of Law

Year 4, Semester 2

LWB233/2 Real Property
 LWB234/2 Equity & Trusts
 LWB235 Australian Federal Constitutional Law
 LWB331 Administrative Law
 LWB334 Corporate Law

Year 5, Semester 1

LWB431 Civil Procedure
 LWB432 Evidence
 LWB434 Advanced Research & Legal Reasoning
 Elective units⁶

Year 5, Semester 2

LWB433 Professional Responsibility
 Elective units⁶

ECONOMICS MAJOR

Year 1, Semester 1

BSB110 Accounting
 BSB113 Economics
 BSB115 Management, People & Organisations
 Introduction to Legal Research

LWB141 Legal Institutions & Method
 LWB142 Law, Society & Justice

Year 1, Semester 2

BSB112 Introduction to Electronic Commerce
 BSB116 Marketing & International Business
 EFB102 Economics 2
 LWB143 Legal Research & Writing
 LWB144 Laws & Global Perspectives

Year 2, Semester 1

EFB101 Data Analysis for Business
 EFB202 Business Cycles & Economic Growth
 EFB211 Firms, Markets & Resources
 LWB136 Contracts A

Year 2, Semester 2

BSB117 Professional Communication & Negotiation
 EFB314 International Trade & Economic
 Competitiveness
 EFB323 Financial & Monetary Economics
 LWB137 Contracts B

Year 3, Semester 1

BSB114 Government, Business & Society
 LWB138 Fundamentals of Torts
 LWB232/1 Criminal Law & Procedure
 One approved extended major/specialisation unit

Year 3, Semester 2

LWB139 Select Issues in Torts
 LWB232/2 Criminal Law & Procedure
 Two approved extended major/specialisation units

Year 4, Semester 1

LWB231 Introduction to Public Law
 LWB233/1 Real Property
 LWB234/1 Equity & Trusts
 LWB332 Commercial & Personal Property Law
 LWB333 Theories of Law

Year 4, Semester 2

LWB233/2 Real Property
 LWB234/2 Equity & Trusts
 LWB235 Australian Federal Constitutional Law
 LWB331 Administrative Law
 LWB334 Corporate Law

Year 5, Semester 1

LWB431 Civil Procedure
 LWB432 Evidence
 LWB434 Advanced Research & Legal Reasoning
 Elective units⁶

Year 5, Semester 2

LWB433 Professional Responsibility
 Elective units⁶

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 & Finance

HUMAN RESOURCE MANAGEMENT MAJOR

Year 1, Semester 1

BSB110 Accounting
 BSB114 Government, Business & Society
 BSB115 Management, People & Organisations
 Introduction to Legal Research
 LWB141 Legal Institutions & Method
 LWB142 Law, Society & Justice

Year 1, Semester 2

BSB117 Professional Communication & Negotiation
 BSB112 Introduction to Electronic Commerce
 MGB220 Methods & Analysis
 LWB143 Legal Research & Writing
 LWB144 Laws & Global Perspectives

Year 2, Semester 1

BSB116 Marketing & International Business
 MGB207 Managing Human Resources
 MGB211 Organisational Behaviour
 LWB136 Contracts A

⁶ A student is required to complete a total of 48 credit points of elective units for the Bachelor of Laws component. A student may undertake, as electives, units offered by other faculties or schools provided prerequisites are satisfied but limitations are imposed on the number of introductory units which may be undertaken. Before undertaking such units, a student must obtain the approval of the Faculty of Law and the faculty or school responsible for the unit or course. Approval by the Faculty of Law will require a student to demonstrate that the units form a coherent program.

Year 2, Semester 2

BSB113 Economics
Two approved extended major/specialisation units
LWB137 Contracts B

Year 3, Semester 1

MGB221 Work & Performance
One approved extended major/specialisation unit
LWB138 Fundamentals of Torts
LWB232/1 Criminal Law & Procedure

Year 3, Semester 2

MGB320 Recruitment & Selection 1
MGB331 Training & Development 1
LWB139 Select Issues in Torts
LWB232/2 Criminal Law & Procedure

Year 4, Semester 1

LWB231 Introduction to Public Law
LWB233/1 Real Property
LWB234/1 Equity & Trusts
LWB332 Commercial & Personal Property Law
LWB333 Theories of Law

Year 4, Semester 2

LWB233/2 Real Property
LWB234/2 Equity & Trusts
LWB235 Australian Federal Constitutional Law
LWB331 Administrative Law
LWB334 Corporate Law

Year 5, Semester 1

LWB431 Civil Procedure
LWB432 Evidence
LWB434 Advanced Research & Legal Reasoning
Elective units⁶

Year 5, Semester 2

LWB433 Professional Responsibility
Elective units⁶

INTERNATIONAL BUSINESS MAJOR

Year 1, Semester 1

BSB110 Accounting
BSB116 Marketing & International Business
BSB115 Management, People & Organisations
Introduction to Legal Research
LWB141 Legal Institutions & Method
LWB142 Law, Society & Justice

Year 1, Semester 2

BSB117 Professional Communication & Negotiation
BSB114 Government, Business & Society
BSB113 Economics
LWB143 Legal Research & Writing
LWB144 Laws & Global Perspectives

Year 2, Semester 1

BSB112 Introduction to Electronic Commerce
MIB210 Export Management
International Business Area Study 1
LWB136 Contracts A

Year 2, Semester 2

MIB202 Business & the World Economy
MIB211 Globalisation & Business
International Business Area Study 2
LWB137 Contracts B

Year 3, Semester 1

Two approved extended major/specialisation units
LWB138 Fundamentals of Torts
LWB232/1 Criminal Law & Procedure

Year 3, Semester 2

BSB300 Management, the Firm & International
Business
One approved extended major/specialisation unit
LWB139 Select Issues in Torts
LWB232/2 Criminal Law & Procedure

Year 4, Semester 1

LWB231 Introduction to Public Law
LWB233/1 Real Property
LWB234/1 Equity & Trusts
LWB332 Commercial & Personal Property Law
LWB333 Theories of Law

Year 4, Semester 2

LWB233/2 Real Property 1
LWB234/2 Equity & Trusts
LWB235 Australian Federal Constitutional Law
LWB331 Administrative Law
LWB334 Corporate Law

Year 5, Semester 1

LWB431 Civil Procedure
LWB432 Evidence
LWB434 Advanced Research & Legal Reasoning
Elective units⁶

Year 5, Semester 2

LWB433 Professional Responsibility
Elective units⁶

Area Study units for the International Business Major

MIB200 Asian Business Development and
MIB317 Contemporary Business in Asia
OR
MIB208 European Business Development and
MIB300 Contemporary Business in Europe

MANAGEMENT MAJOR

Year 1, Semester 1

BSB110 Accounting
BSB114 Government, Business & Society
BSB115 Management, People & Organisations
Introduction to Legal Research
LWB141 Legal Institutions & Method
LWB142 Law, Society & Justice

Year 1, Semester 2

BSB112 Introduction to Electronic Commerce
BSB117 Professional Communication & Negotiation

⁶ A student is required to complete a total of 48 credit points of elective units for the Bachelor of Laws component. A student may undertake, as electives, units offered by other faculties or schools provided prerequisites are satisfied but limitations are imposed on the number of introductory units which may be undertaken. Before undertaking such units, a student must obtain the approval of the Faculty of Law and the faculty or school responsible for the unit or course. Approval by the Faculty of Law will require a student to demonstrate that the units form a coherent program.

MGB220 Methods & Analysis
LWB143 Legal Research & Writing
LWB144 Laws & Global Perspectives

Year 2, Semester 1

BSB116 Marketing & International Business
MGB207 Managing Human Resources
MGB211 Organisational Behaviour
LWB136 Contracts A

Year 2, Semester 2

BSB113 Economics
Two approved extended major/specialisation units
LWB137 Contracts B

Year 3, Semester 1

MGB210 Operations, Production & Service Management
MGB303 Entrepreneurship
LWB138 Fundamentals of Torts
LWB232/1 Criminal Law & Procedure

Year 3, Semester 2

MGB309 Strategic Management
One approved extended major/specialisation unit
LWB139 Select Issues in Torts
LWB232/2 Criminal Law & Procedure

Year 4, Semester 1

LWB231 Introduction to Public Law
LWB233/1 Real Property
LWB234/1 Equity & Trusts
LWB332 Commercial & Personal Property Law
LWB333 Theories of Law

Year 4, Semester 2

LWB233/2 Real Property
LWB234/2 Equity & Trusts
LWB235 Australian Federal Constitutional Law
LWB331 Administrative Law
LWB334 Corporate Law

Year 5, Semester 1

LWB431 Civil Procedure
LWB432 Evidence
LWB434 Advanced Research & Legal Reasoning
Elective units⁶

Year 5, Semester 2

LWB433 Professional Responsibility
Elective units⁶

MARKETING MAJOR

Year 1, Semester 1

BSB113 Economics
BSB115 Management, People & Organisations
BSB116 Marketing & International Business
Introduction to Legal Research
LWB141 Legal Institutions & Method
LWB142 Law, Society & Justice

Year 1, Semester 2

BSB112 Introduction to Electronic Commerce
BSB117 Professional Communication & Negotiation

MIB217 Marketing Management
LWB143 Legal Research & Writing
LWB144 Laws & Global Perspectives

Year 2, Semester 1

BSB114 Government, Business & Society
MIB204 Consumer Behaviour
EFB101 Data Analysis for Business
LWB136 Contracts A

Year 2, Semester 2

BSB110 Accounting
MIB213 International Marketing
One approved extended major/specialisation unit
LWB137 Contracts B

Year 3, Semester 1

MIB305 Market Research
One approved extended major/specialisation unit
LWB138 Fundamentals of Torts
LWB232/1 Criminal Law & Procedure

Year 3, Semester 2

MIB315 Strategic Marketing
One approved extended major/specialisation unit
LWB139 Select Issues in Torts
LWB232/2 Criminal Law & Procedure

Year 4, Semester 1

LWB231 Introduction to Public Law
LWB233/1 Real Property
LWB234/1 Equity & Trusts
LWB332 Commercial & Personal Property Law
LWB333 Theories of Law

Year 4, Semester 2

LWB233/2 Real Property 1
LWB234/2 Equity & Trusts
LWB235 Australian Federal Constitutional Law
LWB331 Administrative Law
LWB334 Corporate Law

Year 5, Semester 1

LWB431 Civil Procedure
LWB432 Evidence
LWB434 Advanced Research & Legal Reasoning
Elective units⁶

Year 5, Semester 2

LWB433 Professional Responsibility
Elective units⁶

MARKETING EXTENDED MAJOR

Students only need to complete 3 units to meet course requirements.

The following units are offered every year:

MIB210 Export Management
MIB227 Product Innovation & Market Development
MIB308 Professional Marketing Practice
MIB311 Services Marketing
MIB319 Events Marketing
MIB321 Tourism Marketing

⁶ A student is required to complete a total of 48 credit points of elective units for the Bachelor of Laws component. A student may undertake, as electives, units offered by other faculties or schools provided prerequisites are satisfied but limitations are imposed on the number of introductory units which may be undertaken. Before undertaking such units, a student must obtain the approval of the Faculty of Law and the faculty or school responsible for the unit or course. Approval by the Faculty of Law will require a student to demonstrate that the units form a coherent program.

The following units are offered in even numbered years:

MIB218	Marketing Sport & Recreation
MIB228	Promotional Strategy
MIB229	Retail Marketing
MIB320	Marketing Decision Making

The following units are offered in odd numbered years:

MIB215	Marketing Logistics
MIB220	Business to Business Marketing
MIB224	Technology & Marketing
MIB230	Sales Management

■ Bachelor of Business (Accountancy)/Bachelor of Laws (IF37)

Location: Gardens Point campus

Course Duration: 5 years full-time

Total Credit Points: 540

Standard Credit Points: 60 (years 1, 2 & 3/sem 1);
48 (years 3/sem 2, 4 and 5)

Course Coordinators:

Business: Mr Andrew Paltridge

Law: Ms Lindy Willmott

Professional Recognition

The combined Accountancy/Law program satisfies the academic requirements of the Institute of Chartered Accountants in Australia and the CPA Australia. 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.

Full-time Course Structure

Year 1, Semester 1

BSB110	Accounting
BSB113	Economics
BSB114	Government, Business & Society
	Introduction to Legal Research
LWB141	Legal Institutions & Method
LWB142	Law, Society & Justice

Year 1, Semester 2

AYB121	Financial Accounting
EFB101	Data Analysis for Business
BSB112	Introduction to Electronic Commerce
LWB143	Legal Research & Writing
LWB144	Laws & Global Perspectives

Year 2, Semester 1

AYB221	Computerised Accounting Systems
AYB220	Company Accounting
EFB210	Finance 1
LWB136	Contracts A
LWB138	Fundamentals of Torts

Year 2, Semester 2

BSB115	Management, People & Organisations
EFB102	Economics 2
AYB225	Management Accounting 1
LWB137	Contracts B
LWB139	Select Issues in Torts

Year 3, Semester 1

AYB301	Auditing
BSB116	Marketing & International Business
BSB117	Professional Negotiation & Communication
LWB231	Introduction to Public Law
LWB232/1	Criminal Law & Procedure

Year 3, Semester 2

AYB311	Financial Accounting Theory OR
AYB321	Management Accounting Theory
LWB232/2	Criminal Law & Procedure
LWB235	Australian Federal Constitutional Law
LWB366	Law of Commercial Entities

Year 4, Semester 1

LWB233/1	Real Property
LWB234/1	Equity & Trusts
LWB332	Commercial & Personal Property Law
LWB333	Theories of Law

Year 4, Semester 2

LWB233/2	Real Property
LWB234/2	Equity & Trusts
LWB331	Administrative Law
LWB334	Corporate Law

Year 5, Semester 1

LWB364	Introduction to Taxation Law
LWB431	Civil Procedure
LWB432	Evidence
LWB434	Advanced Research & Legal Reasoning

Year 5, Semester 2

LWB359	Advanced Taxation Law
LWB433	Professional Responsibility
	Elective units ¹⁰

Elective Units

For information on the availability of law elective units, refer to the relevant section in the Bachelor of Laws course entry in the Faculty of Law section.

¹⁰ A student is required to complete a total of 24 credit points of elective units for the Bachelor of Laws component. A student may undertake, as electives, units offered by other faculties or schools provided prerequisites are satisfied but limitations are imposed on the number of introductory units which may be undertaken. Before undertaking such units, a student must obtain the approval of the Faculty of Law and the faculty or school responsible for the unit or course. Approval by the Faculty of Law will require a student to demonstrate that the units form a coherent program.

■ Bachelor of Business/Bachelor of Health Science (Health Services Management) (IF47)

Location: Gardens Point and Kelvin Grove campuses

Course Duration: 4 years full-time

Total Credit Points: 432

Standard Credit Points/Full-time Semester: 54 (average)

Course Coordinators:

Health: Ms Desley Vine

Business: Mr Andrew Paltridge

Business Majors: Accountancy, Banking & Finance, Communication, Economics, Human Resource Management, International Business, Management and Marketing. Refer to the Bachelor of Business (BS56) course entry for information on the double majors, extended majors and specialisations within the Business component of the degree, and major coordinators.

Professional recognition

Graduates are eligible for membership of the Australian College of Health Service Executives. Students may be eligible for membership of the Australian Institute of Banking & Finance, CPA Australia, the Institute of Chartered Accountants in Australia, the Chartered Secretaries Australia Ltd, the Economic Society of Australia (Qld) and other professional associations, depending on unit selection.

Course structure

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* credit point major, and a further 72 credit points in which the student must complete one of the following:

- (i) Double major (six units); or
- (ii) Extended major (six units); or
- (iii) Specialisation (six units).

For information on the double majors, extended majors and specialisations, refer to the Bachelor of Business (BS56) course entry.

* The unit MGB207 Managing Human Resources forms part of the Health Science component of the degree. Students undertaking majors in Human Resource Management and Management for which this is a major core unit, will be able to undertake an elective unit.

Copies of Faculty of Business Rules and Procedures are available from the Faculty of Business enquiries counter at Gardens Point in Z407, or Carseldine in C201.

ACCOUNTANCY MAJOR

Year 1, Semester 1

BSB110	Accounting
BSB113	Economics
PUB104	Introduction to Health Services Management
PUB106	Introduction to Health Information Management

Year 1, Semester 2

AYB121	Financial Accounting
PUB251	Contemporary Public Health
LWS001	Medicine & the Law
Double major/extended major/specialisation unit	

Year 2, Semester 1

BSB114	Government, Business & Society
BSB115	Management, People & Organisations
BSB116	Marketing & International Business
PUB233	Communication, Information & Education for Health
PUB314	Epidemiology & Statistics

Year 2, Semester 2

AYB120	Business Law
BSB112	Introduction to Electronic Commerce
ITB225	Introduction to Databases
MGB207	Managing Human Resources
PUB380	Casemix Management

Year 3, Semester 1

AYB220	Company Accounting
EFB101	Data Analysis for Business
PUB511	Health Policy Planning & Evaluation
PUB514	Contract/Program Management
Double major/extended major/specialisation unit	

Year 3, Semester 2

AYB225	Management Accounting 1
PUB433	Health Care Economics
PUB480	Health Administration Finance
Double major/extended major/specialisation unit	

Year 4, Semester 1

AYB301	Auditing
BSB117	Professional Communication & Negotiation
Double major/extended major/specialisation unit	
Double major/extended major/specialisation unit	

Year 4, Semester 2

BSB111	Business Law & Ethics
PUB418	Health Computer Systems
PUB609	Economic Evaluation
PUB659	Management of Health Services
Double major/extended major/specialisation unit	

BANKING & FINANCE MAJOR

Year 1, Semester 1

BSB112	Introduction to Electronic Commerce
BSB113	Economics
PUB104	Introduction to Health Services Management
PUB106	Introduction to Health Information Management

Year 1, Semester 2

BSB115 Management, People & Organisations
EFB102 Economics 2
PUB251 Contemporary Public Health
LWS001 Medicine & the Law

Year 2, Semester 1

BSB110 Accounting
BSB114 Government, Business & Society
EFB101 Data Analysis for Business
PUB233 Communication, Information & Education
for Health
PUB314 Epidemiology & Statistics

Year 2, Semester 2

BSB116 Marketing & International Business
ITB225 Introduction to Databases
MGB207 Managing Human Resources
PUB380 Casemix Management
Double major/extended major/specialisation unit

Year 3, Semester 1

EFB210 Finance 1
PUB511 Health Policy Planning & Evaluation
PUB514 Contract/Program Management
Double major/extended major/specialisation unit
Double major/extended major/specialisation unit

Year 3, Semester 2

BSB117 Professional Communication & Negotiation
PUB433 Health Care Economics
PUB480 Health Administration Finance
Double major/extended major/specialisation unit

Year 4, Semester 1

BSB111 Business Law & Ethics
EFB201 Financial Markets
EFB307 Finance 2
Double major/extended major/specialisation unit

Year 4, Semester 2

EFB312 International Finance & Economics
PUB418 Health Computer Systems
PUB609 Economic Evaluation
PUB659 Management of Health Services
Double major/extended major/specialisation unit

COMMUNICATION MAJOR

Year 1, Semester 1

BSB112 Introduction to Electronic Commerce
BSB117 Professional Communication & Negotiation
PUB104 Introduction to Health Services Management
PUB106 Introduction to Health Information
Management

Year 1, Semester 2

BSB115 Management, People & Organisations
COB308 Advertising Theory & Practice
PUB251 Contemporary Public Health
LWS001 Medicine & the Law

Year 2, Semester 1

BSB114 Government, Business & Society
COB216 Theoretical Perspectives on Communication
COB221 Communication Technology
PUB233 Communication, Information & Education
for Health
PUB314 Epidemiology & Statistics

Year 2, Semester 2

COB222 Introduction to Communication Practice
COB325 Public Relations Theory & Practice
ITB225 Introduction to Databases
MGB207 Managing Human Resources
PUB380 Casemix Management

Year 3, Semester 1

BSB116 Marketing & International Business
PUB511 Health Policy Planning & Evaluation
PUB514 Contract/Program Management
Double major/extended major/specialisation unit
Double major/extended major/specialisation unit

Year 3, Semester 2

COB334 Communication Research Methods
PUB433 Health Care Economics
PUB480 Health Administration Finance
Double major/extended major/specialisation unit

Year 4, Semester 1

BSB111 Business Law & Ethics
BSB113 Economics
Double major/extended major/specialisation unit
Double major/extended major/specialisation unit

Year 4, Semester 2

BSB110 Accounting
PUB418 Health Computer Systems
PUB609 Economic Evaluation
PUB659 Management of Health Services
Double major/extended major/specialisation unit

ECONOMICS MAJOR

Year 1, Semester 1

BSB112 Introduction to Electronic Commerce
BSB113 Economics
PUB104 Introduction to Health Services Management
PUB106 Introduction to Health Information
Management

Year 1, Semester 2

BSB115 Management, People & Organisations
EFB102 Economics 2
PUB251 Contemporary Public Health
LWS001 Medicine & the Law

Year 2, Semester 1

BSB114 Government, Business & Society
BSB116 Marketing & International Business
EFB101 Data Analysis for Business
PUB233 Communication, Information & Education
for Health
PUB314 Epidemiology & Statistics

Year 2, Semester 2

BSB110 Accounting
ITB225 Introduction to Databases
MGB207 Managing Human Resources
PUB380 Casemix Management
Double major/extended major/specialisation unit

Year 3, Semester 1

EFB202 Business Cycles & Economic Growth
EFB211 Firms, Markets & Resources
PUB511 Health Policy Planning & Evaluation
PUB514 Contract/Program Management
Double major/extended major/specialisation unit

Year 3, Semester 2

EFB314	International Trade & Economic Competitiveness
EFB323	Financial & Monetary Economics
PUB433	Health Care Economics
PUB480	Health Administration Finance

Year 4, Semester 1

BSB111	Business Law & Ethics
BSB117	Professional Communication & Negotiation
Double major/extended major/specialisation unit	
Double major/extended major/specialisation unit	

Year 4, Semester 2

PUB418	Health Computer Systems
PUB609	Economic Evaluation
PUB659	Management of Health Services
Double major/extended major/specialisation unit	
Double major/extended major/specialisation unit	

HUMAN RESOURCE MANAGEMENT MAJOR**Year 1, Semester 1**

BSB114	Government, Business & Society
BSB115	Management, People & Organisations
PUB104	Introduction to Health Services Management
PUB106	Introduction to Health Information Management

Year 1, Semester 2

BSB116	Marketing & International Business
MGB220	Methods & Analysis
PUB251	Contemporary Public Health
LWS001	Medicine & the Law

Year 2, Semester 1

BSB110	Accounting
BSB112	Introduction to Electronic Commerce
BSB113	Economics
PUB233	Communication, Information & Education for Health
PUB314	Epidemiology & Statistics

Year 2, Semester 2

MGB211	Organisational Behaviour
ITB225	Introduction to Databases
MGB207	Managing Human Resources
PUB380	Casemix Management

Year 3, Semester 1

BSB117	Professional Communication & Negotiation
MGB221	Work & Performance
PUB511	Health Policy Planning & Evaluation
PUB514	Contract/Program Management
Double major/extended major/specialisation unit	

Year 3, Semester 2

MGB320	Recruitment & Selection 1
MGB331	Training & Development 1
PUB433	Health Care Economics
PUB480	Health Administration Finance
Double major/extended major/specialisation unit	

Year 4, Semester 1

BSB111	Business Law & Ethics
Double major/extended major/specialisation unit	
Double major/extended major/specialisation unit	
Elective	

Year 4, Semester 2

PUB418	Health Computer Systems
PUB609	Economic Evaluation
PUB659	Management of Health Services
Double major/extended major/specialisation unit	
Double major/extended major/specialisation unit	

INTERNATIONAL BUSINESS MAJOR (Without a Language Specialisation)**Year 1, Semester 1**

BSB114	Government, Business & Society
BSB116	Marketing & International Business
PUB104	Introduction to Health Services Management
PUB106	Introduction to Health Information Management

Year 1, Semester 2

BSB113	Economics
BSB115	Management, People & Organisations
PUB251	Contemporary Public Health
LWS001	Medicine & the Law

Year 2, Semester 1

BSB110	Accounting
BSB112	Introduction to Electronic Commerce
MIB210	Export Management
PUB233	Communication, Information & Education for Health
PUB314	Epidemiology & Statistics

Year 2, Semester 2

MIB202	Business & the World Economy
MIB211	Globalisation & Business
ITB225	Introduction to Databases
MGB207	Managing Human Resources
PUB380	Casemix Management

Year 3, Semester 1

BSB117	Professional Communication & Negotiation
PUB511	Health Policy Planning & Evaluation
PUB514	Contract/Program Management
Double major/extended major/specialisation unit	
Double major/extended major/specialisation unit	

Year 3, Semester 2

BSB300	Management, the Firm & International Business
PUB433	Health Care Economics
PUB480	Health Administration Finance
Double major/extended major/specialisation unit	

Year 4, Semester 1

Area Study 1	
BSB111	Business Law & Ethics
Double major/extended major/specialisation unit	
Double major/extended major/specialisation unit	

Year 4, Semester 2

Area Study 2	
PUB418	Health Computer Systems
PUB609	Economic Evaluation
PUB659	Management of Health Services
Double major/extended major/specialisation unit	

Area Study units

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

- MIB200 Asian Business Development
 MIB317 Contemporary Business in Asia
 OR
 MIB208 European Business Development
 MIB300 Contemporary Business in Europe

INTERNATIONAL BUSINESS MAJOR (With a Language Specialisation)

Year 1, Semester 1

- Language 1
 BSB116 Marketing & International Business
 PUB104 Introduction to Health Services Management
 PUB106 Introduction to Health Information
 Management

Year 1, Semester 2

- Language 2
 BSB115 Management, People & Organisations
 PUB251 Contemporary Public Health
 LWS001 Medicine & the Law

Year 2, Semester 1

- Language 3
 BSB113 Economics
 BSB114 Government, Business & Society
 PUB233 Communication, Information & Education
 for Health
 PUB314 Epidemiology & Statistics

Year 2, Semester 2

- Language 4
 MIB202 Business & the World Economy
 ITB225 Introduction to Databases
 MGB207 Managing Human Resources
 PUB380 Casemix Management

Year 3, Semester 1

- Language 5 OR
 MIB205 Cross-Cultural Communication &
 Negotiation
 BSB117 Professional Communication & Negotiation
 MIB210 Export Management
 PUB511 Health Policy Planning & Evaluation
 PUB514 Contract/Program Management

Year 3, Semester 2

- EFB101 Data Analysis for Business
 OR
 MGB220 Methods & Analysis
 MIB211 Globalisation & Business
 PUB433 Health Care Economics
 PUB480 Health Administration Finance

Year 4, Semester 1

- Area Study 1
 BSB110 Accounting
 BSB111 Business Law & Ethics
 BSB112 Introduction to Electronic Commerce

Year 4, Semester 2

- Area Study 2
 BSB300 Management, the Firm & International
 Business
 PUB418 Health Computer Systems
 PUB609 Economic Evaluation
 PUB659 Management of Health Services

Area Study units

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

- MIB200 Asian Business Development
 MIB317 Contemporary Business in Asia
 OR
 MIB208 European Business Development
 MIB300 Contemporary Business in Europe

List of Languages

For details, refer to the course structure for the Bachelor of Business (BS56), International Business major, in the Faculty of Business section.

MANAGEMENT MAJOR

Year 1, Semester 1

- BSB114 Government, Business & Society
 BSB115 Management, People & Organisations
 PUB104 Introduction to Health Services Management
 PUB106 Introduction to Health Information
 Management

Year 1, Semester 2

- MGB211 Organisational Behaviour
 MGB207 Managing Human Resources
 PUB251 Contemporary Public Health
 LWS001 Medicine & the Law

Year 2, Semester 1

- BSB113 Economics
 MGB210 Operations, Production & Service
 Management
 MGB220 Methods & Analysis
 PUB233 Communication, Information & Education
 for Health
 PUB314 Epidemiology & Statistics

Year 2, Semester 2

- BSB110 Accounting
 ITB225 Introduction to Databases
 PUB380 Casemix Management
 Double major/extended major/specialisation unit
 Double major/extended major/specialisation unit

Year 3, Semester 1

- BSB112 Introduction to Electronic Commerce
 BSB116 Marketing & International Business
 MGB303 Entrepreneurship
 PUB511 Health Policy Planning & Evaluation
 PUB514 Contract/Program Management

Year 3, Semester 2

- MGB309 Strategic Management
 PUB433 Health Care Economics
 PUB480 Health Administration Finance
 Double major/extended major/specialisation unit

Year 4, Semester 1

- BSB111 Business Law & Ethics
 BSB117 Professional Communication & Negotiation
 Double major/extended major/specialisation unit
 Double major/extended major/specialisation unit

Year 4, Semester 2

- PUB418 Health Computer Systems
 PUB609 Economic Evaluation
 PUB659 Management of Health Services
 Double major/extended major/specialisation unit
 Elective

MARKETING MAJOR

Year 1, Semester 1

BSB113	Economics
BSB116	Marketing & International Business
PUB104	Introduction to Health Services Management
PUB106	Introduction to Health Information Management

Year 1, Semester 2

BSB112	Introduction to Electronic Commerce
BSB115	Management, People & Organisations
PUB251	Contemporary Public Health
LWS001	Medicine & the Law

Year 2, Semester 1

BSB114	Government, Business & Society
EFB101	Data Analysis for Business
MIB217	Marketing Management
PUB233	Communication, Information & Education for Health
PUB314	Epidemiology & Statistics

Year 2, Semester 2

MIB213	International Marketing
ITB225	Introduction to Databases
MGB207	Managing Human Resources
PUB380	Casemix Management
Double major/extended major/specialisation unit	

Year 3, Semester 1

BSB117	Professional Communication & Negotiation
MIB204	Consumer Behaviour
PUB511	Health Policy Planning & Evaluation
PUB514	Contract/Program Management
Double major/extended major/specialisation unit	

Year 3, Semester 2

PUB433	Health Care Economics
PUB480	Health Administration Finance
Double major/extended major/specialisation unit	
Double major/extended major/specialisation unit	

Year 4, Semester 1

BSB110	Accounting
MIB305	Market Research
Double major/extended major/specialisation unit	
Double major/extended major/specialisation unit	

Year 4, Semester 2

BSB111	Business Law & Ethics
MIB315	Strategic Marketing
PUB418	Health Computer Systems
PUB609	Economic Evaluation
PUB659	Management of Health Services

■ Bachelor of Business/Bachelor of Information Technology (Information Systems) (IF48)

Location: Gardens Point campus

Course Duration: 8 or 9 semesters (students may choose to complete the course in 8 semesters with overload)

Total Credit Points: 432

Standard Credit Points/Full-time Semester: 54 (average) for 8 semesters; 48 for 9 semesters.

Course Coordinators:

Business: Mr Andrew Paltridge

Information Technology: Dr Marian Orłowski

Business Majors: Accountancy, Banking & Finance, Communication, Economics, Human Resource Management, International Business, Management and Marketing. Refer to the Bachelor of Business (BS56) course entry for information on the double majors, extended majors and specialisations within the Business component of the degree, and major coordinators.

Professional Recognition

Students may meet education requirements for membership of the Australian Institute of Banking & Finance or the Economic Society of Australia (Qld) depending on unit selection.

Course Structure

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 the 72 credit point faculty core units in the Business program together with a 72 credit point major and a further 72 credit points in which the student must complete one of the following:

- Double Major (six units) or
- Extended Major (six units) or
- Specialisation (six units).

Copies of Faculty of Business Rules and Procedures are available from the Faculty of Business enquiries counter at Gardens Point in Z407, or Carseldine in C201.

Faculty of Business Core Units

BSB110	Accounting
BSB113	Economics
BSB114	Government, Business & Society
BSB115	Management, People & Organisations
BSB116	Marketing & International Business
BSB117	Professional Communication & Negotiation

ACCOUNTANCY MAJOR

(For students seeking professional recognition)

Year 1, Semester 1

ITB105	Study of Information Technology
ITB225	Introduction to Databases
ITB310	Information Management
ITB410	Software Development I
ITB412	Technology of Information Systems

Year 1, Semester 2

BSB110	Accounting
BSB113	Economics
BSB114	Government, Business & Society
BSB116	Marketing & International Business

Year 2, Semester 1

AYB120	Business Law
AYB121	Financial Accounting
EFB101	Data Analysis for Business
AYB221	Computerised Accounting Systems

Year 2, Semester 2

ITB107	Programming Laboratory
ITB222	Systems Analysis & Design
ITB510	Communication Networks
ITB220	Database Design

Year 3, Semester 1

AYB220	Company Accounting
AYB223	Law of Business Associations
BSB115	Management, People & Organisations
BSB117	Professional Communication & Negotiation

Year 3, Semester 2

AYB225	Management Accounting 1
EFB102	Economics 2
EFB210	Finance 1
AYB311	Financial Accounting Theory OR
AYB321	Management Accounting Theory

Year 4, Semester 1

ITB257	Multimedia Systems
ITB232	Database Systems OR
ITB324	Personal Productivity Software
ITB330	Information Issues and Values
ITB221	3GL Systems OR
ITB322	Information Resources

Year 4, Semester 2

ITB223	4GL Systems
ITB242	Management Support Systems
ITB260	Electronic Commerce Site Development
ITB236	Object Oriented Systems OR
ITB331	Information Analysis & Planning

Year 5, Semester 1

AYB301	Auditing
AYB325	Taxation Law
ITB240	Group Project OR
ITB340	Project (1M)
ITB241	Information Technology Management OR
ITB341	Strategic Information Management

ACCOUNTANCY MAJOR

(For students NOT seeking professional recognition)

Year 1, Semester 1

ITB105	Study of Information Technology
ITB225	Introduction to Databases
ITB310	Information Management
ITB410	Software Development 1
ITB412	Technology of Information Systems

Year 1, Semester 2

BSB110	Accounting
BSB113	Economics

BSB114	Government, Business & Society
BSB116	Marketing & International Business

Year 2, Semester 1

AYB120	Business Law
AYB121	Financial Accounting
EFB101	Data Analysis for Business
Double major/extended major/specialisation unit	

Year 2, Semester 2

ITB107	Programming Laboratory
ITB222	Systems Analysis & Design
ITB510	Communication Networks
ITB220	Database Design

Year 3, Semester 1

AYB220	Company Accounting
BSB115	Management, People & Organisations
BSB117	Professional Communication & Negotiation
Double major/extended major/specialisation unit	

Year 3, Semester 2

AYB225	Management Accounting 1
Double major/extended major/specialisation unit	
Double major/extended major/specialisation unit	
Double major/extended major/specialisation unit	

Year 4, Semester 1

ITB257	Multimedia Systems
ITB232	Database Systems OR
ITB324	Personal Productivity Software
ITB330	Information Issues and Values
ITB221	3GL Systems OR
ITB322	Information Resources

Year 4, Semester 2

ITB223	4GL Systems
ITB242	Management Support Systems
ITB260	Electronic Commerce Site Development
ITB236	Object Oriented Systems OR
ITB331	Information Analysis & Planning

Year 5, Semester 1

AYB301	Auditing
ITB240	Group Project OR
ITB340	Project (1M)
ITB241	Information Technology Management OR
ITB341	Strategic Information Management
Double major/extended major/specialisation unit	

BANKING & FINANCE MAJOR

Year 1, Semester 1

ITB105	Study of Information Technology
ITB225	Introduction to Databases
ITB310	Information Management
ITB410	Software Development 1
ITB412	Technology of Information Systems

Year 1, Semester 2

BSB110	Accounting
BSB113	Economics
BSB114	Government, Business & Society
BSB116	Marketing & International Business

Year 2, Semester 1

BSB115	Management, People & Organisations
EFB101	Data Analysis for Business
EFB102	Economics 2
EFB210	Finance 1

Year 2, Semester 2

ITB107	Programming Laboratory
ITB222	Systems Analysis & Design
ITB510	Communication Networks
ITB220	Database Design

Year 3, Semester 1

BSB117	Professional Communication & Negotiation
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 & Economics
Double major/extended major/specialisation unit	
Double major/extended major/specialisation unit	

Year 4, Semester 1

ITB257	Multimedia Systems
ITB232	Database Systems OR
ITB324	Personal Productivity Software
ITB330	Information Issues and Values
ITB221	3GL Systems OR
ITB322	Information Resources

Year 4, Semester 2

ITB223	4GL Systems
ITB242	Management Support Systems
ITB260	Electronic Commerce Site Development
ITB236	Object Oriented Systems OR
ITB331	Information Analysis & Planning

Year 5, Semester 1

ITB240	Group Project OR
ITB340	Project (1M)
ITB241	Information Technology Management OR
ITB341	Strategic Information Management
Double major/extended major/specialisation unit	
Double major/extended major/specialisation unit	

COMMUNICATION MAJOR**Year 1, Semester 1**

ITB105	Study of Information Technology
ITB225	Introduction to Databases
ITB310	Information Management
ITB410	Software Development 1
ITB412	Technology of Information Systems

Year 1, Semester 2

BSB114	Government, Business & Society
BSB115	Management, People & Organisations
BSB116	Marketing & International Business
BSB117	Professional Communication & Negotiation

Year 2, Semester 1

BSB113	Economics
COB221	Communication Technology
COB222	Introduction to Communication Practice
COB308	Advertising Theory & Practice OR
COB325	Public Relations Theory & Practice

Year 2, Semester 2

ITB107	Programming Laboratory
ITB222	Systems Analysis & Design
ITB510	Communication Networks
ITB220	Database Design

Year 3, Semester 1

COB216	Theoretical Perspectives on Communication
COB308	Advertising Theory & Practice OR
COB325	Public Relations Theory & Practice
Double major/extended major/specialisation unit	
Double major/extended major/specialisation unit	

Year 3, Semester 2

BSB110	Accounting
COB334	Communication Research Methods
Double major/extended major/specialisation unit	
Double major/extended major/specialisation unit	

Year 4, Semester 1

ITB257	Multimedia Systems
ITB232	Database Systems OR
ITB324	Personal Productivity Software
ITB330	Information Issues and Values
ITB221	3GL Systems OR
ITB322	Information Resources

Year 4, Semester 2

ITB223	4GL Systems
ITB242	Management Support Systems
ITB260	Electronic Commerce Site Development
ITB236	Object Oriented Systems OR
ITB331	Information Analysis & Planning

Year 5, Semester 1

ITB240	Group Project OR
ITB340	Project (1M)
ITB241	Information Technology Management OR
ITB341	Strategic Information Management
Double major/extended major/specialisation unit	
Double major/extended major/specialisation unit	

ECONOMICS MAJOR**Year 1, Semester 1**

ITB105	Study of Information Technology
ITB225	Introduction to Databases
ITB310	Information Management
ITB410	Software Development 1
ITB412	Technology of Information Systems

Year 1, Semester 2

BSB110	Accounting
BSB113	Economics
BSB114	Government, Business & Society
BSB116	Marketing & International Business

Year 2, Semester 1

BSB115	Management, People & Organisations
BSB117	Professional Communication & Negotiation
EFB101	Data Analysis for Business
EFB102	Economics 2

Year 2, Semester 2

ITB107	Programming Laboratory
ITB222	Systems Analysis & Design
ITB510	Communication Networks
ITB220	Database Design

Year 3, Semester 1

EFB202	Business Cycles & Economic Growth
EFB211	Firms, Markets & Resources
Double major/extended major/specialisation unit	
Double major/extended major/specialisation unit	

Year 3, Semester 2

EFB323 Financial & Monetary Economics
EFB314 International Trade & Economic
Competitiveness

Double major/extended major/specialisation unit

Double major/extended major/specialisation unit

Year 4, Semester 1

ITB257 Multimedia Systems
ITB232 Database Systems OR
ITB324 Personal Productivity Software
ITB330 Information Issues and Values
ITB221 3GL Systems OR
ITB322 Information Resources

Year 4, Semester 2

ITB223 4GL Systems
ITB242 Management Support Systems
ITB260 Electronic Commerce Site Development
ITB236 Object Oriented Systems OR
ITB331 Information Analysis & Planning

Year 5, Semester 1

ITB240 Group Project OR
ITB340 Project (1M)
ITB241 Information Technology Management OR
ITB341 Strategic Information Management
Double major/extended major/specialisation unit
Double major/extended major/specialisation unit

HUMAN RESOURCE MANAGEMENT MAJOR

Students undertaking the major in Human Resource Management must consult with the School of Management prior to selecting their double major/extended major/specialisation units.

Year 1, Semester 1

ITB105 Study of Information Technology
ITB225 Introduction to Databases
ITB310 Information Management
ITB410 Software Development 1
ITB412 Technology of Information Systems

Year 1, Semester 2

BSB113 Economics
BSB114 Government, Business & Society
BSB115 Management, People & Organisations
BSB117 Professional Communication & Negotiation

Year 2, Semester 1

BSB110 Accounting
MGB207 Managing Human Resources
MGB211 Organisational Behaviour
MGB220 Methods & Analysis

Year 2, Semester 2

ITB107 Programming Laboratory
ITB222 Systems Analysis & Design
ITB510 Communication Networks
ITB220 Database Design

Year 3, Semester 1

BSB116 Marketing & International Business
MGB221 Work & Performance
Double major/extended major/specialisation unit
Double major/extended major/specialisation unit

Year 3, Semester 2

MGB320 Recruitment & Selection 1
MGB331 Training & Development 1
Double major/extended major/specialisation unit
Double major/extended major/specialisation unit

Year 4, Semester 1

ITB257 Multimedia Systems
ITB232 Database Systems OR
ITB324 Personal Productivity Software
ITB330 Information Issues and Values
ITB221 3GL Systems OR
ITB322 Information Resources

Year 4, Semester 2

ITB223 4GL Systems
ITB242 Management Support Systems
ITB260 Electronic Commerce Site Development
ITB236 Object Oriented Systems OR
ITB331 Information Analysis & Planning

Year 5, Semester 1

ITB240 Group Project OR
ITB340 Project (1M)
ITB241 Information Technology Management OR
ITB341 Strategic Information Management
Double major/extended major/specialisation unit
Double major/extended major/specialisation unit

INTERNATIONAL BUSINESS MAJOR

Year 1, Semester 1

ITB105 Study of Information Technology
ITB225 Introduction to Databases
ITB310 Information Management
ITB410 Software Development 1
ITB412 Technology of Information Systems

Year 1, Semester 2

BSB114 Government, Business & Society
BSB115 Management, People & Organisations
BSB116 Marketing & International Business
BSB117 Professional Communication & Negotiation

Year 2, Semester 1

BSB110 Accounting
BSB113 Economics
MIB210 Export Management
Double major/extended major/specialisation unit

Year 2, Semester 2

ITB107 Programming Laboratory
ITB222 Systems Analysis & Design
ITB220 Database Design
MIB211 Globalisation & Business

Year 3, Semester 1

Area Study 1
Double major/extended major/specialisation unit
Double major/extended major/specialisation unit
Double major/extended major/specialisation unit

Year 3, Semester 2

BSB300 Management, the Firm & International
Business
ITB510 Communication Networks
MIB202 Business & the World Economy
Area Study 2

Year 4, Semester 1

ITB257	Multimedia Systems
ITB232	Database Systems OR
ITB324	Personal Productivity Software
ITB330	Information Issues and Values
ITB221	3GL Systems OR
ITB322	Information Resources

Year 4, Semester 2

ITB223	4GL Systems
ITB242	Management Support Systems
ITB260	Electronic Commerce Site Development
ITB236	Object Oriented Systems OR
ITB331	Information Analysis & Planning

Year 5, Semester 1

ITB240	Group Project OR
ITB340	Project (1M)
ITB241	Information Technology Management OR
ITB341	Strategic Information Management
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:

MIB200	Asian Business Development
MIB317	Contemporary Business in Asia OR
MIB208	European Business Development
MIB300	Contemporary Business in Europe

MANAGEMENT MAJOR

Students undertaking the major in Management must consult with the School of Management prior to selecting their double major/extended major/specialisation units.

Year 1, Semester 1

ITB105	Study of Information Technology
ITB225	Introduction to Databases
ITB310	Information Management
ITB410	Software Development 1
ITB412	Technology of Information Systems

Year 1, Semester 2

BSB113	Economics
BSB114	Government, Business & Society
BSB115	Management, People & Organisations
BSB117	Professional Communication & Negotiation

Year 2, Semester 1

BSB110	Accounting
MGB207	Managing Human Resources
MGB211	Organisational Behaviour
MGB220	Methods & Analysis

Year 2, Semester 2

ITB107	Programming Laboratory
ITB222	Systems Analysis & Design
ITB510	Communication Networks
ITB220	Database Design

Year 3, Semester 1

MGB210	Operations, Production & Service Management
MGB303	Entrepreneurship

Double major/extended major/specialisation unit
Double major/extended major/specialisation unit

Year 3, Semester 2

BSB116	Marketing & International Business
MGB309	Strategic Management
Double major/extended major/specialisation unit	
Double major/extended major/specialisation unit	

Year 4, Semester 1

ITB257	Multimedia Systems
ITB232	Database Systems OR
ITB324	Personal Productivity Software
ITB330	Information Issues and Values
ITB221	3GL Systems OR
ITB322	Information Resources

Year 4, Semester 2

ITB223	4GL Systems
ITB242	Management Support Systems
ITB260	Electronic Commerce Site Development
ITB236	Object Oriented Systems OR
ITB331	Information Analysis & Planning

Year 5, Semester 1

ITB240	Group Project OR
ITB340	Project (1M)
ITB241	Information Technology Management OR
ITB341	Strategic Information Management
Double major/extended major/specialisation unit	
Double major/extended major/specialisation unit	

MARKETING MAJOR**Year 1, Semester 1**

ITB105	Study of Information Technology
ITB225	Introduction to Databases
ITB310	Information Management
ITB410	Software Development 1
ITB412	Technology of Information Systems

Year 1, Semester 2

BSB113	Economics
BSB115	Management, People & Organisations
BSB116	Marketing & International Business
BSB117	Professional Communication & Negotiation

Year 2, Semester 1

BSB110	Accounting
BSB114	Government, Business & Society
EFB101	Data Analysis for Business
MIB217	Marketing Management

Year 2, Semester 2

ITB107	Programming Laboratory
ITB222	Systems Analysis & Design
ITB510	Communication Networks
ITB220	Database Design

Year 3, Semester 1

MIB204	Consumer Behaviour
MIB305	Market Research
Double major/extended major/specialisation unit	
Double major/extended major/specialisation unit	

Year 3, Semester 2

MIB213	International Marketing
MIB315	Strategic Marketing
Double major/extended major/specialisation unit	
Double major/extended major/specialisation unit	

Year 4, Semester 1

ITB257	Multimedia Systems
ITB232	Database Systems OR
ITB324	Personal Productivity Software
ITB330	Information Issues and Values
ITB221	3GL Systems OR
ITB322	Information Resources

Year 4, Semester 2

ITB223	4GL Systems
ITB242	Management Support Systems
ITB260	Electronic Commerce Site Development
ITB236	Object Oriented Systems OR
ITB331	Information Analysis & Planning

Year 5, Semester 1

ITB240	Group Project OR
ITB340	Project (1M)
ITB241	Information Technology Management OR
ITB341	Strategic Information Management
Double major/extended major/specialisation unit	
Double major/extended major/specialisation unit	

■ Bachelor of Engineering (Electrical & Computer Engineering)/Bachelor of Business (IF28)

See course requirements and notes relating to undergraduate courses in the Faculty of Built Environment and Engineering section.

Location: Gardens Point campus

Course Duration: 5 years full-time

Total Credit Points: 480

Standard Credit Points/Full-time Semester: 48

Course Coordinators:

Engineering: Associate Professor Mohamed Deriche

Business: Mr Andrew Paltridge

Professional Recognition

This degree meets the requirements for membership of the Institution of Engineers, Australia and of the Institution of Radio and Electronics Engineers Australia. Students may also be eligible for membership of the Australian Institute of Banking and Finance, CPA Australia, the Economic Society of Australia (Qld), the Institute of Chartered Accountants of Australia, the Institute of Chartered Secretaries Australia Ltd, and other professional associations, depending on unit selection.

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.

Candidates must, not later than the fourth week of semester 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 employment/practice and including an Industrial Experience Record Form signed by the employer. Industrial Experience Record Forms and Information Booklets are available from the faculty office, Level 10, S Block, Gardens Point campus. For further information contact the Faculty Student Services Officer or the school office.

Students should not formally enrol in industrial employment/practice.

Minors

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

All units are 12 credit points. Refer to the unit synopses section for further information.

Course Structure

ACCOUNTANCY MAJOR

Year 1, Semester 1

EEB112	Electrical & Computer Engineering 1
MAB180	Engineering Mathematics 1 ¹¹ OR
MAB131	Engineering Mathematics 1A
BSB110	Accounting
BSB113	Economics

Year 1, Semester 2

EEB212	Electrical & Computer Engineering 2
MAB132	Engineering Mathematics 1B
AYB121	Financial Accounting
BSB114	Government, Business & Society

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
AYB120	Business Law
BSB116	Marketing & International Business

Year 3, Semester 1

EEB311	Electrical Measurement & Machines
EEB312	Analog & Digital Electronics
BSB117	Professional Communication & Negotiation
Double major/extended major/specialisation unit	

¹¹ MAB180 Engineering Mathematics is to be taken by those students not obtaining a SA or better in Queensland Mathematics C (or equivalent)

Year 3, Semester 2

- EEB411 Classical Control & Power Electronics
 EEB412 Advanced Electronics & Embedded Systems
 BSB111 Business Law & Ethics
 BSB115 Management, People & Organisations

Year 4, Semester 1

- EEB584 Introduction to Design
 Electrical & Computer Engineering elective unit
 AYB220 Company Accounting
 AYB225 Management Accounting 1

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
 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

BANKING & FINANCE MAJOR**Year 1, Semester 1**

- EEB112 Electrical & Computer Engineering 1
 MAB180 Engineering Mathematics 1¹¹ OR
 MAB131 Engineering Mathematics 1A
 BSB113 Economics
 BSB115 Management, People & Organisations

Year 1, Semester 2

- EEB212 Electrical & Computer Engineering 2
 MAB132 Engineering Mathematics 1B
 BSB114 Government, Business & Society
 EFB102 Economics 2

Year 2, Semester 1

- EEB340 Introduction to Telecommunications
 MAB134 Electrical Engineering Mathematics 3
 PCB136 Engineering Physics 1C
 BSB116 Marketing & International Business

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 & Machines
 EEB312 Analog & Digital Electronics
 BSB117 Professional Communication & Negotiation
 EFB210 Finance 1

Year 3, Semester 2

- EEB411 Classical Control & Power Electronics
 EEB412 Advanced Electronics & Embedded Systems

- BSB111 Business Law & 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 & 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

COMMUNICATION MAJOR**Year 1, Semester 1**

- EEB112 Electrical & Computer Engineering 1
 MAB180 Engineering Mathematics 1¹¹ OR
 MAB131 Engineering Mathematics 1A
 BSB115 Management, People & Organisations
 BSB117 Professional Communication & Negotiation

Year 1, Semester 2

- EEB212 Electrical & Computer Engineering 2
 MAB132 Engineering Mathematics 1B
 COB308 Advertising Theory and Practice
 COB222 Introduction to Communication Practice

Year 2, Semester 1

- EEB340 Introduction to Telecommunications
 MAB134 Electrical Engineering Mathematics 3
 PCB136 Engineering Physics 1C
 COB216 Theoretical Perspectives on Communication

Year 2, Semester 2

- EEB440 Classical Signal Processing
 MAB135 Electrical Electrical Engineering
 Mathematics 4
 BSB116 Marketing & International Business
 COB325 Public Relations Theory & Practice

Year 3, Semester 1

- EEB311 Electrical Measurement & Machines
 EEB312 Analog & Digital Electronics
 BSB114 Government, Business & Society
 COB221 Communication Technology

Year 3, Semester 2

- BSB113 Economics
 COB334 Communication Research Methods
 EEB411 Classical Control & Power Electronics 2
 EEB412 Advanced Electronics & Embedded Systems

¹¹ MAB180 Engineering Mathematics is to be taken by those students not obtaining a SA or better in Queensland Mathematics C (or equivalent)

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
BSB110 Accounting
Double major/extended major/specialisation unit

Year 5, Semester 1

EEB889/1 Project
Electrical & Computer Engineering elective unit
BSB111 Business Law & Ethics
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

ECONOMICS MAJOR

Year 1, Semester 1

EEB112 Electrical & Computer Engineering 1
MAB180 Engineering Mathematics 1¹¹
OR
MAB131 Engineering Mathematics 1A
BSB113 Economics
BSB115 Management, People & Organisations

Year 1, Semester 2

EEB212 Electrical & Computer Engineering 2
MAB132 Engineering Mathematics 1B
BSB116 Marketing & International Business
EFB102 Economics 2

Year 2, Semester 1

EEB340 Introduction to Telecommunications
MAB134 Electrical Engineering Mathematics 3
PCB136 Engineering Physics 1C
EFB202 Business Cycles & 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 & Machines
EEB312 Analog & Digital Electronics
BSB117 Professional Communication & Negotiation
EFB211 Firms, Markets & Resources

Year 3, Semester 2

EEB411 Classical Control & Power Electronics
EEB412 Advanced Electronics & Embedded Systems
BSB114 Government, Business & Society
EFB314 International Trade & Economic Competitiveness

Year 4, Semester 1

EEB584 Introduction to Design

Electrical & Computer Engineering elective unit
BSB111 Business Law & Ethics
Double major/extended major/specialisation unit

Year 4, Semester 2

EEB684 Advanced Design
Electrical & Computer Engineering elective unit
EFB323 Financial & 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

HUMAN RESOURCE MANAGEMENT MAJOR

Year 1, Semester 1

EEB112 Electrical & Computer Engineering 1
MAB180 Engineering Mathematics 1¹¹ OR
MAB131 Engineering Mathematics 1A
BSB114 Government, Business & Society
BSB115 Management, People & Organisations

Year 1, Semester 2

EEB212 Electrical & Computer Engineering 2
MAB132 Engineering Mathematics 1B
BSB116 Marketing & International Business
MGB220 Methods & Analysis

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 Managing Human Resources
MGB211 Organisational Behaviour

Year 3, Semester 1

EEB311 Electrical Measurement & Machines
EEB312 Analog & Digital Electronics
BSB117 Professional Communication & Negotiation
BSB113 Economics

Year 3, Semester 2

EEB411 Classical Control & Power Electronics
EEB412 Advanced Electronics & Embedded Systems
BSB111 Business Law & Ethics
Double major/extended major/specialisation unit

Year 4, Semester 1

EEB584 Introduction to Design
Electrical & Computer Engineering elective unit
MGB221 Work & Performance
Double major/extended major/specialisation unit

¹¹ MAB180 Engineering Mathematics is to be taken by those students not obtaining a SA or better in Queensland Mathematics C (or equivalent)

Year 4, Semester 2

EEB684 Advanced Design
Electrical & Computer Engineering elective unit
MGB320 Recruitment & Selection 1
MGB331 Training & Development 1

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

INTERNATIONAL BUSINESS MAJOR – without a Language Specialisation

Year 1, Semester 1

EEB112 Electrical & Computer Engineering 1
MAB180 Engineering Mathematics 1¹¹ OR
MAB131 Engineering Mathematics 1A
BSB113 Economics
BSB116 Marketing & International Business

Year 1, Semester 2

EEB212 Electrical & Computer Engineering 2
MAB132 Engineering Mathematics 1B
BSB110 Accounting
BSB115 Management, People & Organisations

Year 2, Semester 1

EEB340 Introduction to Telecommunications
MAB134 Electrical Engineering Mathematics 3
PCB136 Engineering Physics 1C
BSB114 Government, Business & Society

Year 2, Semester 2

EEB440 Classical Signal Processing
MAB135 Electrical Engineering Mathematics 4
MIB202 Business & the World Economy
MIB211 Globalisation & Business

Year 3, Semester 1

EEB311 Electrical Measurement & Machines
EEB312 Analog & Digital Electronics
BSB117 Professional Communication & Negotiation
MIB210 Export Management

Year 3, Semester 2

EEB411 Classical Control & Power Electronics
EEB412 Advanced Electronics & Embedded Systems
BSB111 Business Law & Ethics
Double major/extended major/specialisation unit

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

BSB300 Management, the Firm & International Business

Double major/extended major/specialisation unit

Year 5, Semester 1

EEB889/1 Project
Electrical & Computer Engineering elective unit
Area Study 1
Double major/extended major/specialisation unit

Year 5, Semester 2

EEB889/2 Project
Electrical & Computer Engineering elective unit
Area Study 2
Double major/extended major/specialisation unit

Area Study units

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

MIB200 Asian Business Development and
MIB317 Contemporary Business in Asia
OR
MIB208 European Business Development and
MIB300 Contemporary Business in Europe

INTERNATIONAL BUSINESS MAJOR – with a Language Specialisation

Year 1, Semester 1

EEB112 Electrical & Computer Engineering 1
MAB180 Engineering Mathematics 1¹¹ OR
MAB131 Engineering Mathematics 1A
BSB116 Marketing & International Business
Language 1

Year 1, Semester 2

EEB212 Electrical & Computer Engineering 2
MAB132 Engineering Mathematics 1B
BSB115 Management, People & 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
MIB211 Globalisation & Business
Language 4

Year 3, Semester 1

EEB311 Electrical Measurement & Machines
EEB312 Analog & Digital Electronics
BSB117 Professional Communication & Negotiation
Language 5 OR
MIB205 Cross-Cultural Communication & Negotiation

Year 3, Semester 2

EEB411 Classical Control & Power Electronics
EEB412 Advanced Electronics & Embedded Systems
BSB113 Economics

¹¹ MAB180 Engineering Mathematics is to be taken by those students not obtaining a SA or better in Queensland Mathematics C (or equivalent)

EFB101 Data Analysis for Business OR
MGB220 Methods & Analysis

Year 4, Semester 1

EEB584 Introduction to Design
Electrical & Computer Engineering elective unit
BSB111 Business Law & Ethics
BSB114 Government, Business & Society

Year 4, Semester 2

EEB684 Advanced Design
Electrical & Computer Engineering elective unit
BSB110 Accounting
MIB202 Business & the World Economy

Year 5, Semester 1

EEB889/1 Project
Electrical & Computer Engineering elective unit
MIB210 Export Management
Area Study 1

Year 5, Semester 2

EEB889/2 Project
Electrical & Computer Engineering elective unit
BSB300 Management, the Firm & International
Business
Area Study 2

Area Study units

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

MIB200 Asian Business Development and
MIB317 Contemporary Business in Asia
OR
MIB208 European Business Development and
MIB300 Contemporary Business in Europe

List of Languages

For language options, refer to the International Business major of the Bachelor of Business (BS56) course entry in the Faculty of Business section.

MANAGEMENT MAJOR

Year 1, Semester 1

EEB112 Electrical & Computer Engineering 1
MAB180 Engineering Mathematics 1¹¹ OR
MAB131 Engineering Mathematics 1A
BSB114 Government, Business & Society
BSB115 Management, People & Organisations

Year 1, Semester 2

EEB212 Electrical & Computer Engineering 2
MAB132 Engineering Mathematics 1B
BSB116 Marketing & International Business
MGB220 Methods & Analysis

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 Managing Human Resources
MGB211 Organisational Behaviour

Year 3, Semester 1

EEB311 Electrical Measurement & Machines
EEB312 Analog & Digital Electronics
BSB117 Professional Communication & Negotiation
BSB113 Economics

Year 3, Semester 2

EEB411 Classical Control & Power Electronics
EEB412 Advanced Electronics & Embedded Systems
BSB111 Business Law & Ethics
Double major/extended major/specialisation unit

Year 4, Semester 1

EEB584 Introduction to Design
Electrical & Computer Engineering elective unit
MGB210 Operations, Production & Service
Management

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
MGB303 Entrepreneurship
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

MARKETING MAJOR

Year 1, Semester 1

EEB112 Electrical & Computer Engineering 1
MAB180 Engineering Mathematics 1¹¹ OR
MAB131 Engineering Mathematics 1A
BSB113 Economics
BSB116 Marketing & International Business

Year 1, Semester 2

EEB212 Electrical & Computer Engineering 2
MAB132 Engineering Mathematics 1B
BSB110 Accounting
BSB115 Management, People & Organisations

Year 2, Semester 1

EEB340 Introduction to Telecommunications
MAB134 Electrical Engineering Mathematics 3
PCB136 Engineering Physics 1C
BSB114 Government, Business & Society

Year 2, Semester 2

EEB440 Classical Signal Processing
MAB135 Electrical Engineering Mathematics 4
EFB101 Data Analysis for Business
MIB217 Marketing Management

¹¹ MAB180 Engineering Mathematics is to be taken by those students not obtaining a SA or better in Queensland Mathematics C (or equivalent)

Year 3, Semester 1

EEB311	Electrical Measurement & Machines
EEB312	Analog & Digital Electronics
BSB117	Professional Communication & Negotiation
MIB204	Consumer Behaviour

Year 3, Semester 2

EEB411	Classical Control & Power Electronics
EEB412	Advanced Electronics & Embedded Systems
BSB111	Business Law & Ethics

Double major/extended major/specialisation unit

Year 4, Semester 1

EEB584	Introduction to Design
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Electrical & Computer Engineering elective unit
Double major/extended major/specialisation unit
Double major/extended major/specialisation unit

Year 4, Semester 2

EEB684	Advanced Design
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Electrical & Computer Engineering elective unit
MIB213 International Marketing
Double major/extended major/specialisation unit

Year 5, Semester 1

EEB889/1	Project
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Electrical & Computer Engineering elective unit
MIB305 Market Research
Double major/extended major/specialisation unit

Year 5, Semester 2

EEB889/2	Project
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Electrical & Computer Engineering elective unit
MIB315 Strategic Marketing
Double major/extended major/specialisation unit

■ Bachelor of Engineering (Electrical and Computer Engineering)/Bachelor of Applied Science (Mathematics) (IF21)

See course requirements and notes relating to undergraduate courses in the Faculty of Built Environment and Engineering, and the Faculty of Science sections.

Location: Gardens Point campus

Course Duration: 5 years full-time

Total Credit Points: 480

Standard Credit Points/Full-time Semester: 48

Course Coordinators:

Mathematics: Associate Professor Helen MacGillivray

Engineering: Associate Professor Mohammed Deriche (Acting)

Professional Recognition

This degree meets the requirements for membership of the Institution of Engineers, Australia and the Institution of Radio and Electronics Engineers, Australia. They also qualify for admission to the

Mathematical Society of Australia and the Statistical Society of Australia Inc.

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 employment/practice in an engineering environment approved by the course coordinator.

Candidates must, not later than the fourth week of semester 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 employment/practice and including an Industrial Experience Form signed by the employer. Industrial Experience Record Forms are available from the faculty office, Level 10, S Block, Gardens Point campus. For further information contact the Faculty Credit and Employment Officer or the school office.

Minors

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

Full-time Course Structure

All units are 12 credit points. Please refer to the unit synopses section for more information.

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 & 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 & Computer Engineering 2
MAB210	Statistical Modelling 1
MAB220	Computational Mathematics 1

Year 2, Semester 1

EEB312	Analog & Digital Electronics
EEB340	Introduction to Telecommunications
MAB101	Statistical Data Analysis 1
MAB312	Linear Algebra

Year 2, Semester 2

EEB412	Advanced Electronics & Embedded Systems
EEB440	Classical Signal Processing

MAB413 Differential Equations
MAB420 Computational Mathematics 2

Year 3, Semester 1

EEB311 Electrical Measurement & Machines
EEB560 Digital Communications
MAB311 Advanced Calculus
MAB314 Statistical Modelling 2

Year 3, Semester 2

EEB411 Classical Control & Power Electronics
EEB640 Digital Signal Processing
MAB414 Applied Statistics 2
MAB422 Mathematical Modelling

Year 4, Semester 1

EEB511 Modern Control & Power Generation
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 & 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 & Computer Engineering 2
MAB111 Mathematical Sciences 1B
MAB112 Mathematical Sciences 1C

Year 2, Semester 1

EEB312 Analog & Digital Electronics
EEB340 Introduction to Telecommunications
MAB220 Computational Mathematics 1
MAB312 Linear Algebra

Year 2, Semester 2

EEB412 Advanced Electronics & Embedded Systems
EEB440 Classical Signal Processing
MAB210 Statistical Modelling 1
MAB413 Differential Equations

Year 3, Semester 1

EEB311 Electrical Measurement & Machines
EEB560 Digital Communications

MAB311 Advanced Calculus
MAB314 Statistical Modelling 2

Year 3, Semester 2

EEB411 Classical Control & Power Electronics
EEB640 Digital Signal Processing
MAB414 Applied Statistics 2
MAB420 Computational Mathematics 2

Year 4, Semester 1

EEB511 Modern Control & Power Generation
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 & Applied Electromagnetics
EEB976 Advanced Industrial Electronics
EEB992 VLSI Circuits & 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 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 (Electronics)/Bachelor of Information Technology (IF59)

See course requirements and notes relating to undergraduate courses in the Faculty of Built Environment and Engineering, and the Faculty of Information Technology sections.

Location: Gardens Point campus

Course Duration: 5 years full-time

Total Credit Points: 492

Standard Credit Points/Full-time Semester: 49.2

Course Coordinators:

Information Technology: Dr Joaquin Sitte

Engineering: Dr Vinod Chandran

Professional Recognition

This course will be accredited by the Australian Computer Society as meeting the training and experience requirements for admission to the grade of Member of the Society. It is accredited by the Institution of Engineers, Australia, and the Institution of Radio and Electronics Engineers, Australia as meeting the training requirements for admission to graduate membership of these institutions.

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.

Candidates must, not later than the fourth week of semester 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 employment/practice and including an Industrial Experience Record Form signed by the employer. Industrial Experience Record Forms and information booklets are available from the faculty office, Level 10, S Block, Gardens Point campus. For further information contact the Faculty Student Services Officer or the school office.

Students should not formally enrol in industrial experience/practice.

Minors

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

list of minors, available from the office of the Faculty of Built Environment and Engineering.

All units are 12 credit points. Please refer to the unit synopses section for more information.

Full-time Course Structure

Year 1, Semester 1

ITB105	Study of Information Technology
ITB106	Foundations of Computing
ITB410	Software Development 1
MAB180	Engineering Mathematics 1 ¹¹ OR
MAB131	Engineering Mathematics 1A
PCB136	Engineering Physics 1C

Year 1, Semester 2

EEB213	Electrical Circuits & Measurements
ITB107	Programming Laboratory
ITB411	Software Development 2
MAB132	Engineering Mathematics 1B

Year 2, Semester 1

EEB312	Analog & 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 & Embedded Systems
ITB424	Software Engineering Principles
MAB135	Electrical Engineering Mathematics 4

Year 3, Semester 1

EEB311	Electrical Measurement & Machines
EEB340	Introduction to Telecommunications
EEB512	Industrial Electronics & Digital Design
ITB448	Object Technology

Year 3, Semester 2

EEB411	Classical Control & Power Electronics
EEB440	Classical Signal Processing
ITB426	Operating Systems
ITB433	Programming Languages

Year 4, Semester 1

EEB560	Digital Communications
EEB584	Introduction to Design
ITB432	Advanced Programming Laboratory
ITB469	Unix Programming & Systems OR Computing elective

Year 4, Semester 2

EEB640	Digital Signal Processing
EEB684	Advanced Design Computing elective
ITB470	Windows Programming & Systems Administration

Year 5, Semester 1

EEB781	Professional Studies 2
EEB889/1	Project OR
ITB844/1	Computing Project Electrical Engineering elective Computing elective Computing elective

¹¹ MAB180 Engineering Mathematics is to be taken by those students not obtaining a SA or better in Queensland Mathematics C (or equivalent)

Year 5, Semester 2

EEB889/2	Project OR
ITB844/2	Computing Project Electrical Engineering elective Electrical Engineering elective Computing elective

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 & Applied Electromagnetics
EEB976	Advanced Industrial Electronics
EEB992	VLSI Circuits & Systems

Computing Electives

ITB441	Graphics
ITB442	Foundation of Artificial Intelligence
ITB447	Project
ITB450	Advanced Computer Architecture
ITB456	Graphics User Interfaces
ITB458	Java & Extensible Programming
ITB461	Foundations of Neurocomputing
ITB463	Foundations of Pattern Recognition
ITB464	Modern Compiler Construction
ITB466	Component Technology
ITB468	Software Engineering Project

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 Systems Engineering.

■ Bachelor of Health Science (Family & Consumer Studies)/ Bachelor of Education (Secondary) (IF74)

Location: Kelvin Grove campus

Course Duration: 4 years full-time

Total Credit Points: 432

Standard Credit Points/Full-time Semester: 54 (average). (Note that the minimum enrolment for full-time status varies each year).

Course Coordinators:

Family and Consumer Studies: Ms Melinda Service
Education: Dr Jenny Campbell

Note that this course is currently being phased out and is not accepting new students. Please consult the course coordinator if you require further advice regarding completion of this course.

Full-time Course Structure

Students complete 240 credit points in approved units offered by the School of Public Health, Faculty of Health. Students will undertake 192 credit points in units which are in accordance with requirements specified for the PU40 program and 48 credit points in approved studies in the second teaching area of Health.

In the first five semesters of the course, four education units are also undertaken. See List A.

List A

Education units to be taken over the first 5 semesters of the course:

CLB305	Education in Context
CLB341	Language Technology & Education
LEB335	Human Development & Education
LEB336	Psychology of Learning & Teaching

Year 2, Semester 1

PUB225	Living Spaces for People
PUB314	Epidemiology & Statistics
PUB349	Families & Households
PUB355	Hospitality Studies One Education Studies unit (List A)

Year 2, Semester 2

HUB752	The Just Society
PUB201	Public Health Nutrition 1
PUB316	Research Methods
PUB321	Textile Studies
PUB477	Consumer Rights & Advocacy

Year 3, Semester 1

PUB341	Nutrition Education
PUB551	Promoting Health in Families
PUB655	Health Policy & Planning
PUB529	Health Planning & Evaluation One Education Studies unit (List A)

Year 3, Semester 2

PRB343	Secondary Professional Practice 1: Classroom Management
PRB344	Secondary Professional Practice 2: Curriculum Decision Making Curriculum Studies 1X ² Curriculum Studies 1Y ²

Year 4, Semester 1

CLB306	Understanding Educational Practices
PRB345	Secondary Professional Practice 3: The Inclusive Curriculum Curriculum Studies 2X ² Curriculum Studies 2Y ²

Year 4, Semester 2

PRB346	Secondary Professional Practice 4: Beginning Teaching Education Studies A elective ² Education Studies B elective ² Curriculum Studies elective ²
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OR

² Refer to the ED50 Bachelor of Education (Secondary) entry in the Faculty of Education section for details of available units.

Middle Years Pathway

- LEB450 Middle Years of Schooling
- PRB346 Secondary Professional Practice 4: The Beginning Teacher
- PRB426 The Middle Years Curriculum
- PRB427 Professional Internship of Associate Teaching

■ Bachelor of Health Science (Health Information Management)/Bachelor of Information Technology (Information Management) (IF85)

Location: Gardens Point and Kelvin Grove campuses

Course Duration: 4 years full-time

Total Credit Points: 432

Course Coordinators:

Health: Ms Jenny Nicol

Information Technology: Mr Greg Timbrell

Full-time Course Structure

Year 1, Semester 1

- ITB105 Study of Information Technology
- ITB106 Foundations of Computing
- ITB225 Introduction to Database Design
- LSB142 Human Anatomy & Physiology
- PUB106 Introduction to Health Information Management

Year 1, Semester 2

- BSB115 Management, People & Organisations
- ITB310 Information Management
- ITB510 Communications Networks
- PUB233 Communication, Information & Education for Health

Year 2, Semester 1

- ITB410 Software Development 1
- ITB322 Information Resources
- LSB361 Fundamentals of Medicine
- PUB220 Medical Terminology
- PUB251 Contemporary Public Health

Year 2, Semester 2

- ITB107 Programming Laboratory
- ITB222 System Analysis & Design
- LWS001 Medicine & the Law
- PUB356 Clinical Classification 1

Year 3, Semester 1

- ITB257 Multimedia Systems
- PUB298 Health Information Management 2
- PUB314 Epidemiology & Statistics
- PUB456 Clinical Classifications 2

Year 3, Semester 2

- ITB242 Management Support Systems
- ITB331 Information Analysis & Planning
- ITB412 Technology of Information Systems
- PUB380 Casemix Management
- PUB480 Health Administration Finance

Year 4, Semester 1

- ITB330 Information Issues & Values
- PUB511 Health Policy, Planning & Evaluation
- PUB599 Health Information Management 3
- ITB220 Database Design OR
- ITB324 Personal Productivity Software

Year 4, Semester 2

- PUB553 Professional Experience
- PUB619 Health Information Management 4
- PUB659 Management of Health Services IT elective

Public Health elective

- ITB241 Information Technology Management OR
- ITB340 Project (Information Management) OR
- ITB341 Strategic Information Management

■ Bachelor of Information Technology/Bachelor of Education (Secondary) (IF79)

Location: Gardens Point, Carseldine and Kelvin Grove campuses

Course Duration: 4 years full-time

Total Credit Points: 432

Standard Credit Points/Full-time Semester: 54 (average). (Note that the minimum enrolment for full-time status varies each year.)

Course Coordinators:

Education: Dr Jenny Campbell

Information Technology: Mr Mike Roggenkamp

Full-time Course Structure

Year 1, Semester 1

- ITB105 Study of Information Technology
- 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 Information Management
- ITB510 Communications Networks
- LEB335 Human Development & Education

Year 2, Semester 1

- ITB411 Software Development 2
- ITB220 Database Design
- ITB222 System Analysis & Design
- CLB341 Language Technology & Education Minor

Year 2, Semester 2

- ITB424 Software Engineering Principles
- LEB336 Psychology of Learning & Teaching IT elective unit
Computing Science elective unit
Minor

Year 3, Semester 1

IT elective unit
IT elective unit
IT elective unit
Minor

Year 3, Semester 2

PRB343 Secondary Professional Practice 1:
Classroom Management
PRB344 Secondary Professional Practice 2:
Curriculum Decision Making
Curriculum Studies 1X²
Curriculum Studies 1Y²

Year 4, Semester 1

CLB306 Understanding Educational Practices
PRB345 Secondary Professional Practice 3: The
Inclusive Curriculum
Curriculum Studies 2X²
Curriculum Studies 2Y²

Year 4, Semester 2

PRB346 Secondary Professional Practice 4: The
Beginning Teacher
Education Studies elective²
Education Studies elective²
Curriculum Studies elective²

OR

Middle Years Pathway

LEB450 Middle Years of Schooling
PRB346 Secondary Professional Practice 4: The
Beginning Teacher
PRB426 The Middle Years Curriculum
PRB427 Professional Internship of Associate
Teaching

Information Technology Elective Units

Units should be chosen from units offered within the Bachelor of Information Technology (IT21), subject to fulfilling prerequisite requirements. Students should check with the Information Technology course coordinator before enrolling.

■ Bachelor of Information Technology/Bachelor of Laws (IF38)

Location: Gardens Point campus

Course Duration: 5 years full-time

Total Credit Points: 528

Standard Credit Points/Full-time Semester: 48 (years 1, 2/sem 2, 3/sem 2, & 4); 60 (years 2/sem 1, 3/sem 1, & 5)

Course Coordinators:

Information Technology: Mr Robert Smyth

Law: Ms Lindy Willmott

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 this handbook.

This course will be accredited by the Australian Computer Society as meeting the knowledge requirements associated with the grade of Member of the Society.

Full-time Course Structure

Students who commenced the course prior to 1997 should refer to the 1997 *QUT Handbook*.

Year 1, Semester 1

ITB105 Study of Information Technology
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 Information Management
ITB411 Software Development 2
ITB510 Communication Networks

Year 2, Semester 1

ITB220 Database Design
ITB221 3GL Systems
ITB222 Systems Analysis & Design
Introduction to Legal Research
LWB141 Legal Institutions & Method
LWB142 Law, Society & Justice

Year 2, Semester 2

ITB223 4GL Systems
ITB257 Multimedia Systems
LWB143 Legal Research & Writing
LWB144 Laws & Global Perspectives

Year 3, Semester 1

ITB241 Information Technology Management
ITB242 Management Support Systems
LWB136 Contracts A
LWB138 Fundamentals of Torts
LWB232/1 Criminal Law & Procedure

Year 3, Semester 2

ITB240 Group Project
LWB137 Contracts B
LWB139 Select Issues in Torts
LWB232/2 Criminal Law & Procedure

Year 4, Semester 1

LWB231 Introduction to Public Law
LWB233/1 Real Property
LWB234/1 Equity & Trusts
LWB332 Commercial & Personal Property Law

² Refer to the ED50 Bachelor of Education (Secondary) entry in the Faculty of Education section for details of available units.

Year 4, Semester 2

LWB233/2 Real Property
 LWB234/2 Equity & Trusts
 LWB235 Australian Federal Constitutional Law
 LWB334 Corporate Law

Year 5, Semester 1

LWB333 Theories of Law
 LWB431 Civil Procedure
 LWB432 Evidence
 LWB434 Advanced Research & Legal Reasoning
 Elective units⁶

Year 5, Semester 2

LWB331 Administrative Law
 LWB433 Professional Responsibility
 Elective units⁶

Elective Units

For availability of Law elective units, refer to relevant section in the Bachelor of Laws course entry in the Faculty of Law section.

■ Bachelor of Mass Communication (IF27)

Location: Gardens Point campus

Course Duration: 3 years full-time, 6 years part-time*

Total Credit Points: 288

Standard Credit Points per Semester: 48 full-time, 24 part-time

Course Coordinators:

Media and Journalism: Dr Helen Yates

Communication: Ms Robina Xavier

The structure of the degree is:

- faculty core (six faculty core units)
- school core (six school core units)
- one Faculty of Arts major from the School of Media and Journalism (six major units), from one of International Journalism, Television and Video Production, Media Studies, Creative Writing or Professional Writing
- one Faculty of Business major from the School of Communication (six major units), from one of Advertising or Public Relations.

Note that part-time entry relates to the level of study taken per semester. Many units in this degree will only be offered during the day.

Full-time Course Structure**Year 1, Semester 1**

MJB140 Media & Society
 BSB117 Professional Communication & Negotiation
 Faculty core unit (Arts)
 Faculty core unit (Business)

Year 1, Semester 2

Faculty core unit (Business)
 School core unit (Arts)
 School core unit (Business)
 MJB280 International Journalism

Year 2, Semester 1

School core unit (Business)
 Study Area A
 Study Area B
 Study Area B

Year 2, Semester 2

COB334 Communication Research Methods
 Study Area A
 Study Area A
 Study Area B

Year 3, Semester 1

Faculty core unit (Business)
 Study Area A
 Study Area A
 Study Area B

Year 3, Semester 2

School core unit (Arts)
 Study Area A
 Study Area B
 Study Area B

Depending on the combination of study areas a student selects, the sequence of the above course structure may vary slightly.

Faculty Core Units

BSB117 Professional Communication & Negotiation
 MJB140 The Media & Society

Plus three units from:

BSB110 Accounting
 BSB111 Business Law & Ethics
 BSB112 Introduction to Electronic Commerce
 BSB113 Economics
 BSB114 Government, Business & Society
 BSB115 Management, People & Organisations
 BSB116 Marketing & International Business

Plus one unit from:

AAB051 Arts in Society
 HSB002 Introduction to Human Rights
 HUB331 Asian Identities
 HUB600 Australian Society & Culture
 HUB647 Contemporary Moral issues
 PYB007 Interpersonal Processes and Skills

⁶ A student is required to complete a total of 48 credit points of elective units for the Bachelor of Laws component. A student may undertake, as electives, units offered by other faculties or schools provided prerequisites are satisfied but limitations are imposed on the number of introductory units which may be undertaken. Before undertaking such units, a student must obtain the approval of the Faculty of Law and the faculty or school responsible for the unit or course. Approval by the Faculty of Law will require a student to demonstrate that the units form a coherent program.

School Core Units

COB216 Theoretical Perspectives on Communication
COB334 Communication Research Methods

Plus three units from:

MJB336 New Media Technologies
MJB120 Newswriting
MJB111 Media Writing*
MJB250 Language & Literature**
MJB280 International Journalism***

* mandatory for Film & Television major

** mandatory for Creative & Professional Writing major

*** mandatory for International Journalism major

Plus one unit from:

COB221 Communication Technology
COB222 Introduction to Communication Practice
COB308 Advertising Theory & Practice#
COB325 Public Relations Theory & Practice+

Students studying Advertising will under take this unit as part of their business major

+ Students studying Public Relations will under take this unit as part of their business major

One Arts major from the list below

International Journalism

MJB101 Journalism Information Systems
MJB120 Newswriting
MJB121 Journalistic Inquiry
MJB224 Feature Writing

Plus two units from:

MJB232 Radio & Television Journalism 1
MJB322 Sub-Editing & Layout
MJB335 Professional Media Practice
MJB337 Public Affairs Reporting
MJB338 Radio & Television Journalism 2

Television and Video Production

MJB155 Media Production
MJB185 Informational Production
MJB260 Community & Educational Video
MJB265 Corporate Production
MJB314 Media Business

Media Studies

MJB147 Film & Television Genres
MJB233 Television Cultures
MJB295 Virtual Cultures
MJB310 Asian & Latin America Cinema
MJB349 Media Audiences

Plus one unit from:

MJB305 American Film & Society
MJB307 Feminist Media Studies
MJB344 European Cinema

Creative and Professional Writing

MJB229 Film & TV Scriptwriting
MJB350 Creative Writing & Publishing
MJB380 Non-Fiction Creative Writing
MJB399 Professional Issues in Creative Writing

Creative Writing Strand

MJB111 Media Writing
MJB224 Feature Writing

Professional Writing Strand

COB005 Technical & Scientific Writing
COB314 Corporate Writing & Editing

One Business major from the list below

Advertising

COB223 Audience Analysis
COB303 Advertising Campaigns
COB304 Advertising Copywriting
COB306 Advertising Management
COB308 Advertising Theory & Practice
COB317 Media Planning

Public Relations

COB223 Audience Analysis
COB323 Public Relations Campaigns
COB325 Public Relations Theory & Practice
COB326 Public Relations Writing
COB329 Publicity Methods
COB336 Public Relations Management

four

UNIT SYNOPSES

This section provides synopses of the units offered in the academic programs section.

The synopses are presented in alpha-numeric order according to their codes.

UNIT CODING AND NUMBERING

The unit code is of the format XXX999. The first two characters indicate the faculty or school administering the unit. The third character indicates the level of the course in which the unit is normally taught.

UNIT CODING

AA	Academy of the Arts ⁺
AR	Architecture, Interior and Industrial Design
AT	Arts
AY	Accountancy
BN	Built Environment and Engineering
BS	Business
CE	Civil Engineering
CL	Cultural and Language Studies in Education
CN	Construction Management
CO	Communication
EA	Early Childhood
ED	Education
EE	Electrical and Electronic Systems Engineering
EF	Economics and Finance
GS	Brisbane Graduate School of Business
HL	Health
HM	Human Movement Studies
HS	Human Services
HU	Humanities and Social Science
IF	Interfaculty Courses
IT	Information Technology
JS	Justice Studies
LE	Learning and Development
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
MI	Marketing and International Business
MJ	Media and Journalism
NR	Natural Resource Sciences
NS	Nursing
OP	Optometry
PC	Physical Sciences
PR	Professional Studies
PS	Planning, Landscape Architecture and Surveying
PU	Public Health

PY	Psychology and Counselling
QC	QUT International College
SC	Science
SS	Social Science

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.

⁺ Many units offered by the Academy of The Arts are only available to students enrolled in the Academy courses. Please refer to the relevant course coordinator for information on availability.

■ AAB001 RESEARCH PROJECT

Students enrolled in the BA (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. Candidates are also required to write a dissertation of 5000 to 8000 words which supports and reflects upon the practical, creative project.

Courses: AA40, AA82, AA92 **Credit points:** 48

■ AAB002 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: AA40 **Credit points:** 12 **Contact hours:** 3 per week

■ AAB004 CONTEMPORARY AESTHETIC DEBATES

Introduction to modern aesthetic debates that inform contemporary art practice. The unit addresses philosophical discourse on art from Kant to postmodern theories.

Courses: AA40, AT22 **Credit points:** 12 **Contact hours:** 3 per week

■ AAB005 READINGS INVISUAL 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: AA40 **Prerequisites:** Minimum course GPA of 5, and approval of course coordinator **Credit points:** 12 **Contact hours:** 3 per week

■ AAB011 MUSIC THEATRE SKILLS

Provides students with an introduction to practical skills development in acting, dance and singing for music theatre.

Courses: AA09, AA21 (Acting Strand only), AA91 **Credit points:** 12 **Contact hours:** 4 per week

■ AAB012 MUSIC THEATRE PROJECT

Studio-based performance project combining dance, acting and music students.

Courses: AA09, AA21 (Acting Strand only), AA91 **Prerequisite:** AAB011 **Credit points:** 12 **Contact hours:** 10 per week for 8 weeks

■ AAB051 ARTS IN SOCIETY

Contemporary and historical perspectives on the relation between arts and society. Relevant themes and theories include fine art, modernism and the avant-garde, craft and utilitarianism, art and politics, representation and sexuality, patronage and institutions, cultural studies, postmodernism, art and technological change and cross-cultural encounters. A purpose-designed CD-ROM focusing across Australian arts exemplifies the lecture series.

Courses: AA11, AA21, AA91, AA71, AA81, HU22 **Credit points:** 12 **Contact hours:** 3 per week

■ AAB053 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: AA11, AA21, AA91, AA71, AA81 **Credit points:** 12 **Contact hours:** 3 per week

■ AAB055 PROFESSIONAL PRACTICE

Through secondment to professional organisations, final year students gain insights into the practical application of their course work. Access to this unit is reserved for students who have demonstrated an outstanding level of self-directed learning and a high level of requisite skills.

Courses: AA11, AA21, AA91, AA71, AA81 **Prerequisites:** Approval of course coordinator. **Credit points:** 12

■ AAB056 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: AA11, AA21, AA91, AA71, IF78, AA81 **Credit points:** 12 **Contact hours:** 3 per week

■ AAB057 INDEPENDENT STUDY

In this unit the student constructs and executes a project in an area of their own choice. The project may be theoretical in the field of scholarship, practical intensive discipline work or experimental. 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: AA11, AA21, AA91, AA71, AA81 **Prerequisites:** Minimum course GPA of 5, approval of course coordinator **Credit points:** 12

■ AAB058 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: AA11, AA21, AA91, AA71 **Credit points:** 12 **Contact hours:** 3 per week

■ AAB061 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: AA11, AA21, AA91, AA71 **Credit points:** 12 **Contact hours:** 3 per week

■ AAB062 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: AA11, AA21, AA91, AA71 **Credit points:** 12 **Contact hours:** 3 per week

■ AAB063 THE ARTS ENVIRONMENT

New media technologies and the arts; internationalism and interculturalism; the politics and economics of the arts as product.

■ AAB064 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: AA11, AA21, AA71, AA81, AA91, IF78 **Credit points:** 12 **Contact hours:** 3 per week

■ AAB065 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 artform and the artists exist. Influence of philosophical traditions, world views, economic pressures, political constraints and inter/intra-cultural contact will be examined in relation to performing arts practice in Asia and its subsequent impact on Australia.

Courses: AA11, AA21, AA71, AA81, AA91 **Prerequisites:** AAB064 **Campus offered:** KG **Credit points:** 12 **Contact hours:** 3 per week

■ AAB100 DANCE COMPOSITION 1

Introduction to improvisation and choreographic devices; exploration of the fundamental concepts of time, space and energy; experimentation in the use of dance to express ideas.

Courses: AA11, IF75

Credit points: 12 **Contact hours:** 2 per week

■ AAB106 THE ANALYSIS OF MODERN DANCE

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: AA11, IF75, IF76

Prerequisites: AAB125

Credit points: 12 **Contact hours:** 3 per week

■ AAB114 DANCE IN AUSTRALIAN SOCIETY

A study of the ritual, artistic and social functions of dance in contemporary Australian society.

Courses: AA11, IF75, IF76

Credit points: 12 **Contact hours:** 3 per week

■ AAB116 DANCE IN THE COMMUNITY

Identifying community groups and issues; functions and benefits of dance in the community; political and social role of the dance artist; philosophy and practice of community arts in Australia; funding and planning procedures; adaptation of dance skills.

Courses: AA11

Credit points: 12 **Contact hours:** 3 per week

■ AAB117 DANCE IN EDUCATION

Introduction to the philosophy and practice of dance education, particularly the areas of performance, choreography and appreciation. Appropriate for students planning a career in either primary, secondary or studio teaching.

Courses: AA11, IF75, IF76, IF77

Credit points: 12 **Contact hours:** 3 per week

■ AAB125 DANCE ANALYSIS & DANCE HISTORIES

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: AA11, IF75, IF76

Credit points: 12 **Contact hours:** 3 per week

■ AAB158 ADVANCED COMPOSITION 1

Exploration of how dance creates meaning; the aesthetic questions that have emerged out of the last major choreographic movement; an exploration of possible future directions.

Courses: AA11

Credit points: 12 **Contact hours:** 2 per week

■ AAB159 DANCE & TECHNOLOGY

Major choreographic project for public performance. Study of philosophical underpinnings for development of personal style. Exploration of social and artistic values in making new work.

Courses: AA11

Prerequisites: AAB158

Credit points: 12 **Contact hours:** 2 per week

■ AAB168 PERFORMANCE STUDIES 1

Students will choose either ballet or contemporary technique for the semester. They will undertake daily class within the Levels system (in that technique only) and work to develop outstanding practical skills in chosen dance style. Exploration of the ways the performer provides a resource for the choreographer, repertoire and the processes involved in the learning, rehearsing and performing of choreographic work.

Courses: AA11

Credit points: 12

■ AAB169 PERFORMANCE STUDIES 2

Further development of skills in both technical and artistic expression aligned with the exploration of the rehearsal and performing work ethic.

Courses: AA11

Prerequisites: AAB168

Credit points: 12

■ AAB171 THEATRE DANCE STYLES

Character, jazz and tap styles – essential steps and various combinations.

Courses: AA09, AA11, IF75

Credit points: 12

Contact hours: 3 per week

■ AAB172 WORLD DANCE

Exposure to a range of ethnic styles through practical workshops; presentation skills using technology.

Courses: AA09, AA11, IF75

Credit points: 12

Contact hours: 3 per week

■ AAB176 JAZZ & POPULAR DANCE

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: AA11, IF75

Credit points: 12

Contact hours: 3 per week

■ AAB180 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: AA11, IF75, IF76, IF77

Credit points: 12

Contact hours: 7.5 per week

■ AAB181 DANCE TECHNIQUE STUDIES 2

Continuation of Dance Technique Studies 1 without alignment component. Introduction to dance teaching skills.

Courses: AA11, IF75

Credit points: 12

Contact hours: 6 per week

■ AAB182 DANCE TECHNIQUE STUDIES 3

Continuation of Dance Technique Studies. Composition component replaces introduction to dance teaching skills.

Courses: AA11, IF75

Credit points: 12

Contact hours: 6 per week

■ AAB183 DANCE TECHNIQUE STUDIES 4

Continuation of Dance Technique Studies 3. Further development of composition component.

Courses: AA11, IF75

Credit points: 12

Contact hours: 6 per week

■ AAB189 DANCE ASSESSMENT AND REPORTING PROCEDURES

Relates current theoretical issues in assessment to the unique challenges of dance assessment. Students will explore a range of assessment procedures, methods and strategies to support quality and equity in dance assessment at all levels.

Courses: AA13, AA14

Credit points: 12

■ AAB191 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: AA13, AA14

Credit points: 12

■ AAB192 STAGECRAFT AND COSTUME DESIGN FOR DANCE

Provides opportunities to investigate the principles of design as they relate to the visual environment of a dance performance/production. Considers principles and theoretical issues relevant to design for stage and video, stimulating and innovative examples of visual designs for dance performance and practical information for production/planning and budgeting.

Courses: AA13, AA14

Credit points: 12

■ AAB193 DANCE COMPOSITION 2

Extends the student's knowledge and skills of dance composition and provides opportunity for choreographic experimentation. Focus on movement, content and form. Music, costume and lighting will be considered in its relationship to developing performance work.

Courses: AA09, AA11

Credit points: 12

Contact hours: 2 per week

■ AAB202 ACTING 1

Designated unit. 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: AA21

Credit points: 12

Contact hours: 14 per week

■ AAB203 ACTING 2

Designated unit. Continuation of the Instrument Work and the introduction of Craft Techniques, dealing with contemporary Naturalistic texts for Stage and Film and Television.

Courses: AA21

Credit points: 12

Prerequisites: AAB202

Contact hours: 21 per week

■ AAB204 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: AA21

Credit points: 12

Contact hours: 6 per week

■ AAB205 VOICE & MOVEMENT 2

Continuation of the development of a free, responsive actor's instrument. Combat, singing, mask work continue. Introduction to Naturalistic text.

Courses: AA21

Credit points: 12

Prerequisites: AAB204

Contact hours: 6 per week

■ AAB208 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.

Credit points: 12 (open elective)

Contact hours: 3 per week

■ AAB214 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: AA21, IF76

Credit points: 12

Contact hours: 3 per week

■ AAB233 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: AA21

Credit points: 12

Prerequisites: AAB205

Contact hours: 6 per week

■ AAB234 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: AA21

Credit points: 12

Prerequisites: AAB233

Contact hours: 6 per week

■ AAB235 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: AA21

Credit points: 12

Prerequisites: AAB234

Contact hours: 6 per week

■ AAB247 ACTING 3

Designated unit. Continuation of the development of a personal working process through rehearsal and performance of increasingly complex texts.

Courses: AA21

Credit points: 12

Prerequisites: AAB203

Contact hours: 20 per week

■ AAB248 ACTING 4

Designated unit. Advanced unit dealing with role, character creation and playing in large spaces and dealing with non-Naturalistic texts.

Courses: AA21

Credit points: 12

Prerequisites: AAB247

Contact hours: 20 per week

■ AAB251 THEATRE HISTORY: 20TH CENTURY STAGES

The first in a series of three Theatre History units, this examines the three major theatre movements of the twentieth century: Realism, Epic Theatre and Theatre of the Avant Garde.

Courses: AA21, IF76

Contact hours: 3 per week

Credit points: 12

Campus offered: KG

■ AAB252 THEATRE HISTORY: SOUND OF THEATRE

Introduction to the key features, and major stages of development, of the Western music theatre tradition. Explores the importance of music in a variety of theatre styles, practices and periods.

Courses: AA21, IF76

Contact hours: 3 per week

Credit points: 12

Campus offered: KG

■ AAB253 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: AA21, IF76

Contact hours: 3 per week

Credit points: 12

Campus offered: KG

■ AAB255 THEATRE PRODUCTION 1

Students participate in a season of semi-profiled performance projects. Acting students working as an ensemble perform in roles for video and theatre. TPM students work in a range of organisation and technical roles.

Courses: AA21

Corequisites: AAB294 (TPM students only)

Credit points: 24

Contact hours: 20 per week

Prerequisites: AAB248 or AAB291

■ AAB256 THEATRE PRODUCTION 2

Students participate in a season of profiled performance projects. The season gives Acting and TPM students the opportunity to demonstrate their skills to potential employers in the industry.

Courses: AA21

Credit points: 36

Prerequisites: AAB255

Contact hours: 20 per week

■ AAB257 STUDIES IN ACTING 1

Introduction to the work of Stanislavski and a number of his key interpreters including Cohen, Benedetti, Hagen, Adler and Moore. A range of acting styles is explored including an examination of Brechts theories of performance.

Courses: AA21, IF76

Contact hours: 3 per week

Credit points: 12

Campus offered: KG

■ AAB258 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 Shakespeares plays.

Courses: AA21, IF76

Contact hours: 3 per week

Credit points: 12

Campus offered: KG

■ AAB259 THE PERFORMANCE INSTRUMENT: BODY & VOICE

Understanding vocal and physical patterns; application of integrated approach to body and voice in personal expression.

Courses: AA21, IF76

Credit points: 12

Contact hours: 3 per week

■ AAB271 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: AA21, IF76

Credit points: 12 **Contact hours:** 3 per week

■ **AAB272 DRAMA & COMMUNITY CULTURAL DEVELOPMENT**

Examination of a range of community arts projects. Interrogation of the concepts of community, culture and development; cultural development and its relationship to art and the new technologies.

Courses: AA21, IF76

Credit points: 12 **Contact hours:** 3 per week

■ **AAB273 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: AA21, IF76

Corequisites: AAB257

Credit points: 12

Contact hours: 15 per week for five weeks commencing after mid-semester 2 break

Campus offered: KG

■ **AAB274 THEATRE CRAFT**

Development of practical skills in workshop construction and pre-production areas of stage scenery, props and costumes.

Courses: AA21

Prerequisites: AAB289

Corequisites: AAB292

Credit points: 12

Contact hours: 6 per week

■ **AAB275 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: AA21, AA40, IF76

Credit points: 12

Contact hours: 3 per week

Campus offered: KG

■ **AAB276 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: AA21, IF76

Credit points: 12

Contact hours: 3 per week

■ **AAB277 PHYSICAL THEATRE**

Students will experience a range of physical skills within the context of non-text based performance taught by professional theatre practitioners.

Courses: AA21, IF76

Credit points: 12

Contact hours: 4 per week

■ **AAB278 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: AA21, IF76

Credit points: 12 (open elective)

Contact hours: 3 per week

■ **AAB280 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: AA21, IF76

Prerequisites: AAB214

Credit points: 12

Contact hours: 3 per week

■ **AAB289 TECHNICAL PRODUCTION 1**

Development of basic skills in theatrical lighting and sound operation and their integration into the overall production process.

Courses: AA21

Credit points: 12

Contact hours: 6 per week

■ **AAB290 TECHNICAL PRODUCTION 2**

Continuation of creative use of lighting and sound in performances. Introduction to lighting and sound design.

Courses: AA21

Prerequisites: AAB274 and AAB292

Credit points: 12

Contact hours: 6 per week

■ **AAB291 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: AA21

Prerequisites: AAB290

Corequisites: AAB293

Credit points: 12

Contact hours: 21 per week

■ **AAB292 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: AA21

Prerequisites: AAB289

Corequisites: AAB274

Credit points: 12

Contact hours: 4 per week

Campus offered: KG

■ **AAB293 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: AA21

Prerequisites: AAB292

Credit points: 12

Contact hours: 4 per week

Campus offered: KG

■ **AAB294 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: AA21

Prerequisites: AAB291 and AAB293

Credit points: 12

Contact hours: 4 per week

■ **AAB304 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: AA21, IF76

Credit points: 12

Contact hours: 3 per week

■ **AAB306 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: AA21, IF76

Prerequisites: AAB271

Credit points: 12

Contact hours: 3 per week

■ **AAB307 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: AA21, IF76, open elective

Credit points: 12

Contact hours: 4 per week

■ **AAB308 PERFORMANCE 2**

This is the second in a series of Performance units available to students in Theatre and Teaching Studies. It builds upon the work undertaken in Performance 1 by providing teams of students with a theoretically informed, practical experience

of play building and/or group devising, led by an experienced practitioner.

Courses: AA21, IF76
Credit points: 12

Prerequisites: AAB273
Campus offered: KG

■ AAB309 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: AA21
Credit points: 12

Prerequisites: AAB308
Campus offered: KG

■ AAB310 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: AA21, IF76
Credit points: 12

Prerequisites: AAB257
Contact hours: 3

Campus offered: KG

■ AAB412 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

■ AAB413 ART CURRICULUM STUDIES 2

Extends AAB412; 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

Credit points: 12

Prerequisites: AAB412

Contact hours: 3 per week

■ AAB414 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, IF76

Prerequisites: 96 credit points in each relevant discipline area
Credit points: 12

Contact hours: 5 per week

■ AAB415 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, IF76

Credit points: 12

Prerequisites: AAB414

Contact hours: 5 per week

■ AAB421 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

Contact hours: 3 per week

Credit points: 12

Campus offered: KG

■ AAB429 DANCE CURRICULUM STUDIES 2

Advanced practical applications in assessment, curriculum planning and teaching/learning strategies relevant to dance education.

Courses: ED37, IF75, IF76

Credit points: 12

Prerequisites: AAB421

Contact hours: 3 per week

■ AAB444 VISUAL ARTS OF ASIA

Development of an understanding and awareness of non-Western art forms. The influences of historical visual arts, backgrounds, philosophical beliefs and trade on the symbolism, forms, techniques and uses of various artefacts.

Courses: AA71, IF78

Credit points: 12

Contact hours: 3 per week

■ AAB447 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: AA71, ED22, ED50, IF78, ED26, ED51, ED52

Credit points: 12

Contact hours: 3 per week

■ AAB457 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: AA71, ED22, ED26, ED50, ED51, ED52, IF78

Credit points: 12

Contact hours: 3 per week

■ AAB616 ENSEMBLE PROJECT 1

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: AA91, IF77

Prerequisites: approval of unit coordinator

Credit points: 12

■ AAB617 CHORAL & INSTRUMENTAL ARRANGING

Development of composition & arranging skills for instrumental/choral ensembles using music of various styles.

Courses: AA91, IF77

Credit points: 12

Prerequisites: AAB630

Contact hours: 3 per week

■ AAB618 COMPOSITION FOR FILM & 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: AA91, IF77

Prerequisites: AAB619 or AAB604 or equivalent

Credit points: 12

Contact hours: 3 per week

■ AAB619 INTRODUCTION TO MUSIC TECHNOLOGY

Introduces students 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.

Credit points: 12

Contact hours: 3 per week

■ AAB620 POPULAR SONG WRITING

Structures of the popular song. Composing and arranging using MIDI and/or electric and acoustic instruments. Students learn to write lead sheets and have the opportunity to have their work recorded

Courses: AA91, IF77

Prerequisites: AAB619 or AAB621 or equivalent

Credit points: 12

Contact hours: 3 per week

■ AAB621 SOUND RECORDING & ACOUSTIC DESIGN

Introduction to the fundamentals of the physical world of sound, basic signal flow, sound recording and acoustics.

Courses: AA91, AA21, AA81, IF77

Credit points: 12

Contact hours: 3 per week

■ AAB622 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. (Available only with the approval of the unit coordinator)

Courses: AA91, IF77

Credit points: 12

Contact hours: 1 per week

■ AAB623 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: AA91, IF77

Prerequisites: AAB633 or approval of unit coordinator

Credit points: 12

Contact hours: 3 per week

Campus offered: KG

■ AAB626 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: AA91, IF77

Prerequisites: AAB621 or AAB619

Credit points: 12

Contact hours: 3 per week

■ AAB628 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: AA91, IF77

Prerequisites: IF77 – approval of unit coordinator, AA91 – grade of 6 or above in AAB622

Credit points: 12

Contact hours: 1 per week

■ AAB629 ENSEMBLE PROJECT 2

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: AA91, IF77

Prerequisites: AAB 616 and approval of the unit coordinator

Credit points: 12

Contact hours: 3 per week

■ AAB630 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: AA91, IF77

Prerequisites: AAB632 or approval of unit coordinator

Credit points: 12

Contact hours: 3 per week

■ AAB631 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: AA91, IF77

Credit points: 12

Contact hours: 3 per week

■ AAB632 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: AA91, IF77

Credit points: 12

Contact hours: 4.5 per week

■ AAB633 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: AA91, IF77

Credit points: 12

Contact hours: 4.5 per week

■ AAB634 CONTEMPORARY MUSICIANSHIP

(SOUND MEDIA)

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: AA91, IF77

Prerequisites: AAB633

Credit points: 12

Contact hours: 5 per week

■ AAB635 CONTEMPORARY MUSICIANSHIP

(WESTERN ART MUSIC)

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: AA91, IF77

Prerequisites: AAB633

Credit points: 12

Contact hours: 5 per week

■ AAB636 CONTEMPORARY MUSICIANSHIP

(CROSS-CULTURAL MUSIC)

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: AA91, IF77

Prerequisites: AAB633

Credit points: 12

Contact hours: 5 per week

■ AAB637 CONTEMPORARY MUSICIANSHIP

(JAZZ & CONTEMPORARY POPULAR MUSIC)

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: AA91, IF77

Prerequisites: AAB632

Credit points: 12

Contact hours: 5 per week

■ AAB638 SOUND & 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: IF77, AA91

Credit points: 12

Contact hours: 3 per week

Campus offered: KG

■ AAB639 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: AA91, IF77

Prerequisites: Approval of the unit coordinator

Credit points: 12

Contact hours: 3 per week

■ AAB640 SEX, DRUGS, ROCK & 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: AA91, IF77

Credit points: 12

Contact hours: 3 per week

■ AAB641 PRINCIPAL STUDIES A

Designated Unit. Development of strong and reliable technique on a chief practical instrument, voice or composition or production skill. Appropriate interpretation, performance/pro-

duction skills and public presentation; performance/production seminar directed ensemble.

Courses: AA91, IF77

Credit points: 12

Contact hours: 5 per week

■ AAB642 PRINCIPAL STUDIES B

Designated Unit. Continued development of strong and reliable technique on a chief practical instrument, voice or composition or production skill. Appropriate interpretation, performance/production skills and public presentation; performance/production seminar and directed ensemble.

Courses: AA91, IF77

Prerequisites: AAB641

Credit Points: 12

Contact hours: 5 per week

■ AAB643 PRINCIPAL STUDIES C

The study of a range of solo/small ensemble repertoire on a chief practical instrument or voice, or the study of a range of compositional or production practices and methods. Repertoire is chosen appropriate to the student's developing technical and interpretative skills; performance/production seminar and directed ensemble.

Courses: AA91, IF77

Prerequisites: AAB642

Credit Points: 12

Contact hours: 5 per week

■ AAB644 PRINCIPAL STUDIES D

A continuation of the study of solo/small ensemble repertoire on a chief practical instrument or voice, or the study of a range of compositional or production practices and methods. Repertoire is chosen appropriate to the student's developing technical and interpretative skills; performance/production seminar and directed ensemble.

Courses: AA91, IF77

Prerequisites: AAB643

Credit Points: 12

Contact hours: 5 per week

■ AAB645 PRINCIPAL STUDIES E

Consolidation and extension of performance/production studies leading to a solo-based recording; performance/production seminar, directed ensemble.

Courses: AA91

Prerequisites: Grade of 5 or above for AAB644

Credit Points: 12

Contact hours: 5 per week

■ AAB646 PRINCIPAL STUDIES F

Consolidation and extension of performance/production studies leading to a public presentation; performance/production seminar, directed ensemble.

Courses: AA91

Prerequisites: AAB645

Credit Points: 12

Contact hours: 5 per week

■ AAB648 THE AUSTRALIAN 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: AA91, IF77, Academy open elective

Credit Points: 12

Contact hours: 3 per week

Campus offered: KG

Semester offered: 1

■ AAB701 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: AA71, ED50, IF78

Credit Points: 12

Contact hours: 3 per week

■ AAB712 CONTEMPORARY ART ISSUES

Current practices in the visual arts are addressed by analysing and interpreting original works on exhibition, in stockrooms and in studios. By means of lectures, discussions and analysis of artworks and readings, the individuals awareness of the

conceptual, historical and philosophical contexts concerning artists and the artworks is heightened. (Prerequisite for entry to Honours.)

Courses: AA71, ED26, ED50

Credit Points: 12

Contact hours: 3 per week

■ AAB726 INTRODUCTION TO THE HISTORY OF VISUAL ART

Introduction to central themes, concepts and methods of Art History in the modern period. Topics include modernism, formalism, feminism, postmodernism and postcolonialism.

Courses: AA71, IF78

Campus offered: KG

Credit Points: 12

Contact hours: 3 per week

■ AAB728 READINGS IN FEMINISM & VISUAL ART

This unit addresses the topic of feminism in film and the visual arts from the 1960s to the present and offers an investigation into social, cultural and philosophical attitudes and influences on visual art.

Courses: AA71, IF78

Credit Points: 12

Contact hours: 3 per week

■ AAB740 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: AA71, IF78

Credit Points: 24

Contact hours: 12 per week

■ AAB741 STUDIO ART PRACTICE 2

Designated unit. Continued development of concepts, skills and approaches to self-generated contemporary art practice established in Studio Art Practice 1. Maintaining responsible art practice; expansion of appropriate research skills; increased knowledge of safe workshop practices, safe studio work habits, appropriate professional skills.

Courses: AA71, IF78

Prerequisites: AAB740

Credit Points: 24

Contact hours: 12 per week

■ AAB742 STUDIO ART PRACTICE 3

Designated unit. Intensive study in studio practice. Sustained critical involvement and an increasing commitment to artistic conceptual pursuits will be underpinned by contemporary theoretical reference. In consultation with studio staff students 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: AA71, IF78

Prerequisites: AAB741

Credit Points: 12

Contact hours: 6 per week

Campus offered: KG

■ AAB743 STUDIO ART PRACTICE 4

The diverse conditions of current cultural practice, their production, reception and contribution to society; 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 artistic practices. Students will be required to articulate a personal position in these issues.

Courses: AA71, IF78

Prerequisites: AAB742

Credit Points: 24

Contact hours: 6 per week

■ AAB744 STUDIO ART PRACTICE 5

Studies commenced in year two are expanded and developed through sustained studio practice and independent research at an appropriately advanced level.

Courses: AA71

Prerequisites: AAB743

Credit Points: 24

Contact hours: 6 per week

■ AAB745 STUDIO ART PRACTICE 6

Further development of studio work culminating in a graduating exhibition. (Prerequisite for entry to Honours.)

Courses: AA71

Prerequisites: AAB744

Credit Points: 24

Contact hours: 6 per week

■ AAB751 EXTENDED STUDIO PRACTICE 1

Extension of practical studio units of core media studies or elective studio units.

Courses: AA71, IF78

Credit Points: 12

Contact hours: 6 per week

■ AAB752 EXTENDED STUDIO PRACTICE 2

Extension of practice studio units or core media studies or elective studio units.

Courses: AA71, IF78

Credit Points: 12

Contact hours: 6 per week

■ AAB753 EXTENDED STUDIO PRACTICE 3

Extension of practice studio units or core media studies or elective studio units.

Courses: AA71, IF78

Credit Points: 12

Contact hours: 6 per week

■ AAB754 EXTENDED STUDIO PRACTICE 4

Extension of practice studio units or core media studies or elective studio units.

Courses: AA71, IF78

Credit Points: 12

Contact hours: 6 per week

■ AAB755 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 underpin studio development.

Courses: AA81

Credit Points: 12

Contact hours: 3 per week

Campus offered: KG

Semester offered: 1

■ AAB756 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: AA81

Prerequisites: AAB755

Credit Points: 12

Contact hours: 3 per week

Campus offered: KG

Semester offered: 2

■ AAB800 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: AA81

Corequisites: AAB8131

Prerequisites: AAB807 (AAB818), AAB808, AAB809,

AAB810, AAB803, AAB804

Credit Points: 12 (year long unit) **Contact hours:** 3 per week

■ AAB801 FOUNDATIONS OF COMMUNICATION DESIGN 1

This unit covers drawing and rendering skills, visual design, graphic design principles, an overview of media, and design practice as they relate to communications technologies.

Courses: AA81

Credit Points: 12

Contact hours: 3 per week

■ AAB802 FOUNDATIONS OF COMMUNICATION DESIGN 2

This unit further develops design skills for communications technologies including design priorities, visual systems, refinement of concepts and problem solving through presentation models.

Courses: AA81

Prerequisites: AAB801

Credit Points: 12

Contact hours: 3 per week

■ AAB803 DESIGN STUDIO 1

Introduction to analog video production, video technology, non-linear video editing, and digital media integration techniques.

Courses: AA81 **Prerequisites:** AAB807 (AAB818), AAB808

Credit Points: 12

Contact hours: 3 per week

■ AAB804 DESIGN STUDIO 2 (DIGITAL & AUDIO PRODUCTION)

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: AA81, AA84

Prerequisites: AAB807 (AAB818), AAB808

Credit Points: 12

Contact hours: 3 per week

■ AAB805 DESIGN STUDIO 3

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: AA81

Prerequisites: AAB807 (AAB818), AAB808, AAB809,

AAB810, AAB803, AAB804

Credit Points: 12

Contact hours: 3 per week

■ AAB806 DESIGN STUDIO 4

A critique forum for individual final projects. Each student is 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: AA81

Prerequisites: AAB807 (AAB818), AAB808, AAB809,

AAB810, AAB803, AAB804, AAB805

Credit Points: 12

Contact hours: 3 per week

■ AAB807 MEDIA TECHNOLOGY 1

This unit provides an introduction to visual design and illustration using computer graphics including a practical introduction to authoring software, and network applications.

Courses: AA81

Prerequisites: AAB807 (AAB818), AAB808, AAB809,

AAB810, AAB803, AAB804, AAB805

Credit Points: 12

Contact hours: 3 per week

■ AAB808 MEDIA TECHNOLOGY 2 (INTRODUCTION TO DIGITAL MEDIA)

In this unit students explore 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: AA81, AA84 **Prerequisites:** AAB807 (AAB818)

Credit Points: 12

Contact hours: 3 per week

■ AAB809 MEDIA TECHNOLOGY 3 (INTERACTIVE DESIGN)

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: AA81, AA84

Prerequisites: AAB807 (AAB818), AAB808

Credit Points: 12

Contact hours: 3 per week

■ AAB810 MEDIA TECHNOLOGY 4

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: AA81

Prerequisites: AAB807 (AAB818), AAB808

Credit Points: 12

Contact hours: 3 per week

■ AAB813 CONTEMPORARY ISSUES IN TECHNOLOGY & DESIGN

This unit is comprised of lectures and tutorials related to current issues, advancements in technology, business development and industry strategies. Students also develop and deliver a one hour seminar during semester two and work collaboratively throughout the year on a large electronic publication.

Courses: AA81

Prerequisites: AAB807 (AAB818), AAB808, AAB809, AAB810, AAB803, AAB804

Corequisites: AAB800

Credit Points: 12

Contact hours: 3 per week

■ AAB814 APPLICATIONS OF DESIGN TECHNOLOGY

This introductory unit covers current industry issues through guest lecturers, concept-to-product processes created to creative endeavours, project management issues and writing techniques. Students also work in large groups on an electronic publication.

Courses: AA81

Credit Points: 12

Contact hours: 3 per week

■ AAB815 EXPERIMENTAL MULTIMEDIA

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: AA81

Prerequisites: AAB807 (AAB818), AAB808, AAB809, AAB810 or permission from lecturer

Credit Points: 12

Contact hours: 3 per week

■ AAB816 INTERACTIVE WRITING

This unit covers specific creative writing and communication skills appropriate to non-linear, digital technologies, and the relationships between the role of a traditional writer and those of technical director, creative director, visual designers and artists and programmers.

Courses: AA81, AA84

Credit Points: 12

Contact hours: 3 per week

■ AAB817 SOFTWARE DEVELOPMENT & 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 BA Communication Design (Honours).

Courses: AA81

Prerequisites: AAB807 (AAB818), AAB808, AAB809, AAB810, AAB803, AAB804

Credit Points: 12

Contact hours: 3 per week

■ AAB818 INTRODUCTION TO MULTIMEDIA TECHNOLOGY

This unit provides concentrated experience with the software and hardware tools used for creative work in new media. It is a production course that covers electronic publishing, computer graphics and design, animation, and computer programming. It is aimed at both experienced and non-experienced computer users.

Credit points: 12

Contact hours: 3 per week

■ AAB819 ELECTRONIC PUBLISHING

Complementing the contents of AAB818 this unit provides a step-by-step introduction to publishing on the internet. Concepts related to project management, graphic design and multimedia are introduced in an intensive, practical way.

Courses: AA84

Credit Points: 12

Contact hours: 3 per week

■ AAB820 ADVANCED 3D ANIMATION

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.

Credit Points: 12

■ AAB821 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: AA81

Credit Points: 12

■ AAB822 INTERACTIVE DIGITAL VIDEO

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: AA81

Credit Points: 12

■ AAB823 ADVANCED DESIGN PROJECT

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: AA81

Credit Points: 12

■ AAB825 HISTORY OF ANIMATION

This unit will provide students with a theoretical context to their studio practice by establishing a comprehensive historical and contemporary overview of North American, European, Asian and Australian animated imagery.

Courses: AA81

Credit Points: 12

Contact hours: 3 per week

Campus offered: KG

Semester offered: 2

■ AAB850 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: AA82

Credit Points: 12

Contact hours: 3 per week

■ AAB860 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 B.A. 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

■ AAB911 EXPLORING MUSIC 1

Aural awareness, literacy and musicianship through vocal skills, both solo and ensemble.

Courses: ED51

Credit Points: 12

Contact hours: 3 per week

■ AAB912 EXPLORING MUSIC 2

Various musical forms as a means of developing composition and arranging skills, and an awareness of stylistic developments. Various rehearsal and performing techniques will be developed.

Courses: ED51

Credit Points: 12

Prerequisites: AAB911

Contact hours: 3 per week

■ AAB913 EXPLORING MUSIC 3

A series of lectures on score reading, sight-singing, ensemble work and rehearsal skills. Aural training, music writing techniques and music technology skills are developed.

Courses: ED51 **Prerequisites:** AAB912
Credit Points: 12 **Contact hours:** 3 per week

■ **AAB914 VISUAL & PERFORMING ARTS CURRICULUM 1**

An in-depth study of two areas from dance, drama, music or the visual arts; the place of the arts in a balanced curriculum; defining the arts; differences and commonalities; the arts and knowledge; the arts and integration across the primary curriculum.

Courses: ED51, ED56, IF82, IF84
Credit Points: 12 **Contact hours:** 3 per week

■ **AAB916 ADVANCED 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

■ **AAB918 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

■ **AAN006 INDEPENDENT STUDY**

Independent work of an artistic or scholarly nature which 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: AA24 **Credit Points:** 12

■ **AAN011 ADVANCED PROFESSIONAL PRACTICE 1**

An investigation of the student's professional practice through observation and research in consultation with the supervisor.

Courses: AA24 **Credit Points:** 12

■ **AAN012 ADVANCED PROFESSIONAL PRACTICE 2**

Extension and elaboration of the student's professional practice through evaluation and analysis in consultation with the supervisor.

Courses: AA24 **Credit Points:** 12

■ **AAN013 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: AA24 **Credit Points:** 24

■ **AAN014 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: AA24 **Credit Points:** 12

■ **AAN016 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: AA24 **Credit Points:** 12

■ **AAN020 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: AA24, AT22 **Credit Points:** 12
Campus offered: KG

■ **AAN200 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: AA24, AA40
Credit Points: 12 **Contact hours:** 2 per week

■ **AAN601 MUSIC PROJECT 1**

This is the first in a sequence of self-directed project units. Students will undertake an music project of relevance to the creative industries. This will incorporate discovery, practice and reflection. This unit may be taken in the most appropriate location to ensure a successful outcome and the detail would be agreed with their supervisor.

Courses: AA93, AA94 & AA95
Credit Points: 24 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 1,2,SP

■ **AAN602 MUSIC PROJECT 2**

This unit follows from AAN601 and enables students to further develop their project.

Courses: AA93, AA94 & AA95 **Prerequisites:** AAN601
Credit Points: 24 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 1,2,SP

■ **AAN603 MUSIC PROJECT 3**

This unit follows from AAN602 and enables students to further develop their project.

Courses: AA93, AA94 & AA95 **Prerequisites:** AAN602
Credit Points: 24 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 1,2,SP

■ **AAN604 MUSIC PROJECT 4**

This unit follows from AAN603 and enables students to further develop their project.

Courses: AA93, AA94 & AA95 **Prerequisites:** AAN603
Credit Points: 24 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 1,2,SP

■ **AAN605 MUSIC PROJECT 5**

This unit follows from AAN604. In this unit the student will complete their project.

Courses: AA93, AA94 & AA95 **Prerequisites:** AAN604
Credit Points: 24 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 1,2,SP

■ **AAN606 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: AAB619 OR AAB621
Credit Points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 2

■ **AAN607 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
Campus offered: KG **Semester offered:** 2

■ **AAN608 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 compositional skills and the ability to work in the non-linear digital world of today's industry.

Courses: AA91, IF77, AA93, AA94, AA95

Prerequisites: AAB619 or AAB633

Credit Points: 12

Contact hours: 3 per week

Campus offered: KG

Semester offered: 2

■ AAN609 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: AA91, AA93, AA94, AA95, IF77

Credit Points: 12

Contact hours: 3 per week

Campus offered: KG

Semester offered: 1,2,SP

■ AAN610 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

Campus offered: KG

Semester offered: 2

■ AAN611 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

Credit Points: 12

Contact hours: 3 per week

Campus offered: KG

Semester offered: SP

■ AAN612 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

Credit Points: 12

Contact hours: 3 per week

Campus offered: KG

Semester offered: SP

■ AAN613 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: AAB619 or AAB621

Credit Points: 12

Contact hours: 3 per week

Campus offered: KG

Semester offered: SP

■ AAN614 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

Credit Points: 12

Contact hours: 3 per week

Campus offered: KG

Semester offered: SP

■ AAN615 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: AA91, IF77, AA93, AA94, AA95

Credit Points: 12

Contact hours: 3 per week

Campus offered: KG

Semester offered: 2,SP

■ AAN627 STUDIO MUSIC: TEACHING & 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

Credit Points: 24

Contact hours: 3 per week

Campus offered: KG

Semester offered: 1,2,SP

■ AAN808 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: AA84

Credit Points: 12

Contact hours: 3 per week

Campus offered: KG

Semester offered: 1, 2

■ AAN809 HUMAN COMPUTER INTERFACE 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: AA84

Credit Points: 12

Prerequisites: AAN818, AAN808

Contact hours: 3 per week

Campus offered: KG

Semester offered: 1,2

■ AAN810 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: AA84 **Prerequisites:** AAN181, AAN808
Credit Points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 1,2

■ AAN816 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: AA84
Credit Points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 1,2

■ AAN817 PROJECT MANAGEMENT & SOFTWARE DEVELOPMENT

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: AA84 **Prerequisites:** AAN824
Credit Points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 1, 2

■ AAN818 INTRODUCTION TO DIGITAL MEDIA TECHNOLOGY

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: AA84
Credit Points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 1,2,SP

■ AAN819 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, fulfillment, 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: AA84 **Prerequisites:** AAN818, AAN808
Credit Points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 1,2

■ AAN824 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: AA84
Prerequisites: AAN818, AAN808, AAN816
Credit Points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 1, 2

■ AAN851 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.

Credit points: 48

■ AAP104 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: AA06, AA07
Credit Points: 12 **Campus offered:** External

■ AAP125 DANCE ANALYSIS & DANCE HISTORIES

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 a variety of contexts.

Courses: AA06, AA07
Credit Points: 12 **Campus offered:** External

■ AAP180 DANCE TECHNIQUE 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: AA06, AA07 **Credit Points:** 12
Contact hours: 1-week full-time residency in summer semester

■ AAP181 DANCE TECHNIQUE 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: AA06, AA07

Credit Points: 12

Contact hours: 1-week full-time residency in summer semester

■ AAP189 DANCE ASSESSMENT & REPORTING PROCEDURES

Relates current theoretical issues in assessment to the unique challenges that dance assessment provide. Students will explore a range of assessment procedures, methods and strategies to support quality and equity in dance assessment at all level.

Courses: AA06, AA07

Credit Points: 12

Campus offered: External

■ AAP190 PROFESSIONAL PRACTICE & BUSINESS ADMINISTRATION FOR DANCE TEACHERS

As small business owners, dance teachers require a diverse range of skills to manage and operate their businesses. This unit will consider the implications of the Dance Industry Code of Ethics for teaching and learning in dance. This unit also includes practical and useful materials for the effective and efficient operations of a business in dance teaching by relating current small business management practices to the specific organisational needs and requirements of dance teaching businesses.

Courses: AA06, AA07

Credit Points: 12

Campus offered: External

■ AAP191 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: AA06, AA07

Credit Points: 12

Campus offered: External

■ AAP192 STAGECRAFT & COSTUME DESIGN FOR DANCE

Provides opportunities to investigate the principles of design as they relate to the visual environment of a dance performance/production. Considers principles and theoretical issues relevant to design for stage and video, stimulating and innovative examples of visual designs for dance performance and practical information for the production/construction and budgeting for design.

Courses: AA06, AA07

Credit Points: 12

Campus offered: External

■ AAP421 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, IF76

Prerequisites: AAP420

Corequisites: EDP451

Credit points: 12

Contact hours: 3 per week

■ AAP423 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

■ AAP429 DANCE CURRICULUM STUDIES 2

Advanced practical applications in assessment, curriculum planning and teaching/learning strategies relevant to dance education.

Courses: ED37, IF75, IF76

Credit points: 12

Contact hours: 3 per week

■ AAP431 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: AAP423

Credit Points: 12

Contact hours: 3 per week

■ AAP433 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: AAP434, For AA93, AA94 & AA95 only – 144 credit points in Music

Corequisites: AAP431

Credit Points: 12

Contact hours: 3 per week

■ AAP434 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

■ AAP503 CLAY MATERIALS

Develop ceramic knowledge, artistic concepts and practical/technical skills; investigation of selected historical ceramic eras; understanding of the relationship between ceramics and the makers culture; development of personal imagery and design.

Courses: ED22, ED26, ED50, ED51, AA71, IF78

Credit Points: 12

Contact hours: 3 per week

■ AAP507 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, AA71, IF78

Credit Points: 12

Contact hours: 3 per week

■ AAP509 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, AA71, IF78

Credit Points: 12

Contact hours: 3 per week

■ AAP511 PRINTMAKING

A selection of printmaking processes from the following will be undertaken: Relief processes: raised and incised surfaces ie. 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, AA71, IF78

Credit Points: 12

Contact hours: 3 per week

■ AAX104 ARCHITECTURE OF THE BODY

Principles governing human stability and motion; ways muscles work to produce dance movement; machines of the body; movement and dance injuries; alternative body therapies will be discussed; conditioning techniques for dancers including

stretching and strengthening. Introduction to skills essential for dance composition.

Courses: AA09, AA11

Credit Points: 12

Contact hours: 4.5 per week

■ AAX111 REPERTOIRE & PRACTICE PERIOD 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: AA09, AA11

Credit Points: 12

■ AAX112 REPERTOIRE & PRACTICE PERIOD 2

Designated unit. Continuation of studies initiated in AAX111.

Courses: AA09, AA11

Credit Points: 12

■ AAX137 DANCE TECHNIQUE 1

Designated unit. The study of ballet and contemporary technique within the four-tier practical Levels system. Principles governing ballet technique; the practical work includes barre work, adagio, pirouettes, allegro and pointe work. Practical work for contemporary technique includes floor work, centre work and basic combinations to develop flexibility, strength and coordination; vocabulary of contemporary dance techniques.

Courses: AA09, AA11

Credit Points: 12

Contact hours: 12 per week

■ AAX138 DANCE TECHNIQUE 2

Designated unit. Continuation of Dance Technique 1.

Courses: AA09, AA11

Credit Points: 12

Contact hours: 12 per week

■ AAX139 DANCE TECHNIQUE 3

Designated unit. Consolidation of Ballet technique and Contemporary technical knowledge through the four-tier Levels system. Study of differing stylistic approaches; increased degree of difficulty in turning and jumping sequences; rapid changes of weight and off-balance work; pointe work.

Courses: AA09, AA11

Credit Points: 12

Contact hours: 12 per week

■ AAX140 DANCE TECHNIQUE 4

Designated unit. Technique classes within the four-tier Levels system of advanced standard incorporating complex exercise combinations with rapid changes of weight, level, direction; with an emphasis on performance quality and style; pointe work.

Courses: AA09, AA11

Credit Points: 12

Contact hours: 12 per week

■ AAX141 REPERTOIRE & PRACTICE PERIOD 3

Designated unit. Continuation of studies initiated in AAX112.

Courses: AA09, AA11

Credit Points: 12

■ AAX142 REPERTOIRE & PRACTICE PERIOD 4

Designated unit. Continuation of studies initiated in AAX141.

Courses: AA09, AA11

Credit Points: 12

■ AAX143 DANCE COMPOSITION 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: AA09, AA11

Credit Points: 12

Contact hours: 2 per week

■ AAX144 DANCE COMPOSITION 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: AA09, AA11

Credit Points: 12

Contact hours: 2 per week

■ ADB001 ARCHITECTURAL DESIGN 1

Introduction to design theory. Develop exercises for enhance-

ment 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 provoke exploration, develop students' comprehension of fundamental spatial and formal values and to enhance 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

Credit Points: 12

Contact hours: 8 per week

Prerequisites: ADB001

■ 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

Credit Points: 12

Contact hours: 6 per week

Corequisites: ADB013

■ ADB004 ARCHITECTURAL DESIGN 4

Design theory – physical context, landscape, social context, ethics and values. Integration of contextual studies and of technology, specifically building construction, design for climate. Projects are generally of domestic scale.

Courses: BN31, AR48

Credit Points: 12

Contact hours: 6 per week

Prerequisites: ADB003

■ 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

Credit Points: 12

Contact hours: 6 per week

Corequisites: ADB913

■ 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

Corequisites: ADB025

■ ADB007 ARCHITECTURAL DESIGN 7

The content of the unit is project-dependent.

Courses: AR48

Credit Points: 12

Contact hours: 5 per week

Prerequisites: ADB006

■ ADB008 ARCHITECTURAL DESIGN 8

The content of the unit is project-dependent.

Courses: AR48

Prerequisites: ADB007

Credit Points: 12

Contact hours: 5 per week

Corequisites: ADB026

■ 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

Credit Points: 12

Contact hours: 5 per week

Prerequisites: ADB008

■ ADB011 CONTEXTUAL STUDIES 1

Theories of place and architectural regionalism, privacy, personal space, territoriality, environmental cognition and meaning.

Courses: BN31, AR48

Credit Points: 12

Contact hours: 3 per week

■ ADB012 CONTEXTUAL STUDIES 2

This unit contains two modules: Australian Studies and the Region examines local architecture and urban history in the context of European influences and its Asia-Oceanic regional context; Urban Theory examines classical and contemporary urban design theory, theories of townscape, urban space and city form.

Courses: BN31, AR48

Credit Points: 12

Prerequisites: ADB011

Contact hours: 3 per week

■ ADB013 CONTEXTUAL STUDIES 3

History and theories of architectural development set against a background of wider cultural development, contemporary theory and criticism.

Courses: AR48

Credit Points: 12

Prerequisites: ADB012

Contact hours: 3 per week

■ ADB014 CONTEXTUAL STUDIES 4

Case studies of contemporary works of significance. Study of the writings of contemporary architects, critics and architectural theorists.

Courses: AR48

Credit Points: 12

Prerequisites: ADB013

Contact hours: 3 per week

■ ADB015 CONTEXTUAL STUDIES 5

Case studies of contemporary works of significance. Study of the writings of contemporary architects, critics and architectural theorists.

Credit points: 12

Contact hours: 3 per week

■ ADB021 TECHNOLOGY & 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

Credit Points: 12

Prerequisites: ADB921

Contact hours: 4 per week

■ ADB022 TECHNOLOGY & SCIENCE 2

Detailed consideration of domestic scale building; basic design for climate; energy conservation. The implications of the principles of the subject on the form and fabric of buildings are illustrated.

Courses: BN31, AR48

Credit Points: 12

Prerequisites: ADB021

Contact hours: 4 per week

■ ADB023 TECHNOLOGY & SCIENCE 3

Detailed consideration of domestic scale building; design for natural ventilation, lighting, acoustics and solar controls; implications of principles of the subject on the form and fabric of buildings are illustrated.

Courses: BN31, AR48

Credit Points: 12

Prerequisites: ADB022

Contact hours: 4 per week

■ ADB024 TECHNOLOGY & 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

Credit Points: 12

Prerequisites: ADB023

Contact hours: 4 per week

■ ADB025 TECHNOLOGY & 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

Credit Points: 12

Prerequisites: ADB024

Contact hours: 3 per week

■ ADB026 TECHNOLOGY & SCIENCE 6

Topics include case study of building type being studied in ADB007, working with engineering consultants and programming of work.

Courses: AR48

Credit Points: 12

Prerequisites: ADB025

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 & 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 RAI. The course will cover ethical, administrative and management issues in relation to architectural practice.

Courses: AR48

Credit Points: 12

Prerequisites: ADB932

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 product. A number of issues will be addressed in the elected area of research including, definition of study area; research aims and objectives, initial proposition, structuring research approach, analysis and preliminary conclusions based on literature review.

Courses: AR48

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 the student will demonstrate his/her 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

Credit Points: 12

Prerequisites: ADB051

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

Credit Points: 12

Prerequisites: ADB052

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 students' experience in applying theory to architectural problems. Study of materials, structures, and architectural ideas through drawings and models.

Courses: BN31

Credit Points: 12

Prerequisites: ADB061

Contact hours: 3 per week

■ ADB063 ARCHITECTURAL APPLICATIONS 3

The unit will be used to increase the students 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.

Corequisites: ADB022

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.

Corequisites: ADB023

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.

Corequisites: ADB024

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.

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.

Credit points: 12

■ 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

Credit Points: 12

Prerequisites: ADB101

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; issues of designing incorporating site, values, activities and technology.

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.

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; futuristic material.

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; application of recorded material. CAD as a construct and its role in practice.

Courses: BN31

Credit Points: 12

Prerequisites: ADB921

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; sustainability.

Prerequisites: ADB122

Credit Points: 12

Contact hours: 4 per week

■ ADB124 INTERIOR TECHNOLOGY 4

The content covered in this unit includes: documentation techniques; sustainable design and construction; services; consultants, codes and standards.

Prerequisites: ADB123

Credit Points: 12

Contact hours: 4 per week

■ ADB125 INTERIOR TECHNOLOGY 5

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.

Prerequisites: ADB124

Credit Points: 12

Contact hours: 4 per week

■ ADB126 INTERIOR TECHNOLOGY 6

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.

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 (eg., economic rationalism, capitalism, modernism, etc).

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.

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 & COLOUR STUDIES

Content includes: the interdependence of light and colour; the physical properties of colour; the psychological and cultural dimensions of colour; 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; the role of contextual frameworks on designers' decisions in regard to materials.

Credit Points: 12

Contact hours: 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; furniture design and documentation approaches.

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: ADB 201

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: ADB 202

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: ADB 203

Corequisites: ADB 224

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: ADB 204

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: ADB 205 **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, handtool 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 & CRITICISM 1

Pre-historical artifacts 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 & 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 & 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 technique 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: ADB 921

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:** ADB 233
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
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 **Prerequisites:** ADB201
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, 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: psycho-social 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 artifacts 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 **Prerequisites:** ADB912
Credit points: 12 **Contact hours:** 3 per week

■ ADB921 INTRODUCTION TO TECHNOLOGY

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 & CRITICISM

Content will be presented thematically and illustrated with case studies from a range of different times and periods and cultures (Europe, Asia, Americas, Islamic) to illustrate the presence of particular ideas. Themes will include geometry, the body, space, proportion, the history of use, the history of innovation, the history of the designer in society. Introduction to Professional Writing.

Courses: BN31, AR48 **Credit points:** 12 **Contact hours:** 3 per week

■ ADB932 PROFESSIONAL STUDIES 2

Unit offers a self-paced national course (BPA 1) prepared by the RAlA 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 RAlA 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 & 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 requires.

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: ADP207, ADP267

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 RAlA 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 RAlA certification.

Courses: AR62

Credit points: 12

Prerequisites: ADP114

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

■ ARB007 ARCHITECTURAL DESIGN 7

Design projects used to develop theory, critical analysis and issues of architectural quality. Integration of design science, construction, building services, codes and standards. Projects include buildings and building groups of medium to large scale.

Courses: AR48

Prerequisites: ARB006

Credit points: 24 (12 per semester)

Contact hours: 6 per week

■ ARB017 CONTEXTUAL STUDIES 7

Architectural development in the Far East, Southeast Asia, the Pacific and South America. Planning of settlements, indigenous architecture, materials, techniques and construction, social, cultural and other influences, modernisation, current architectural issues. Theory and methods of critical analysis, critical appraisal of major works and architects, study of ideas and aesthetics.

Courses: AR48

Prerequisites: ARB016

Credit points: 6

Contact hours: 2 per week

■ ARB018 CONTEXTUAL STUDIES 8

Contemporary theories of design and aesthetics; ethics in architectural practice, current issues in architecture, changing roles and attitudes, trends and opportunities.

Courses: AR48

Prerequisites: ARB017

Credit points: 6

Contact hours: 2 per week

■ ARB027 TECHNOLOGY & SCIENCE 7

Complex construction systems, specialised structures, integration of complex services, tall buildings. Case studies of special aspects of architecture technology.

Courses: AR48

Prerequisites: ARB026

Credit points: 6

Contact hours: 2 per week

■ ARB031 PROFESSIONAL STUDIES 1

Building codes and regulations applied in studio exercises. Estimating, cost control, feasibility, computer software for business. Specifications: role, techniques, practical exercises.

Courses: AR48

Credit points: 16 (8 per semester)

Contact hours: 3 per week

■ ARB032 PROFESSIONAL STUDIES 2

Practice management, setting up a practice, office systems, marketing. Building economics, finance, cost control, risk management, QA. Building procurement systems. Professional practice, ethics, services, liability, the building contract and contract administration.

Courses: AR48

Prerequisites: ARB031

Credit points: 16 (8 per semester)

Contact hours: 3 per week

■ ARB033 PROFESSIONAL STUDIES 3

Standard contracts and contract administration. Issues in the profession, changing roles, new legislation.

Courses: AR48

Prerequisites: ARB032

Credit points: 16 (8 per semester)

Contact hours: 2 per week

■ 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

■ ARB044 ELECTIVE 4

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

■ ARB045 ELECTIVE A

Elective unit drawn from a range presented by the school, available within the faculty, elsewhere at QUT or external units subject to approval.

Courses: AR48

Credit points: 6

Contact hours: 2 per week

■ ARB046 ELECTIVE B

Elective unit drawn from a range presented by the school, available within the faculty, elsewhere at QUT or external units subject to approval.

Courses: AR48

Credit points: 6

Contact hours: 2 per week

■ ARB047 ELECTIVE C

Elective unit drawn from a range available within the faculty, subject to approval.

Courses: AR48

Credit points: 6

Contact hours: 2 per week

■ ARB051 RESEARCH METHODS

An overview of research methodology, examination of differences between research methods and products. Students will undertake a short, directed research project.

Courses: AR48

Credit points: 6

Contact hours: 2 per week

■ ARB052 ARCHITECTURAL RESEARCH 1

The establishment of appropriate research methods and their development into a study proposal for an approved elected research topic. Establishment of objectives, delineation of areas, structuring research program, reading sources, analysis and preliminary conclusions, individual proposals.

Courses: AR48

Prerequisites: ARB051

Credit points: 6

Contact hours: 2 per week

■ ARB053 ARCHITECTURAL RESEARCH 2

Continued development of approved research topic commenced in ARB052. Definition and analysis of propositions, validation by research. Research submission.

Courses: AR48

Prerequisites: ARB052

Credit points: 24

Contact hours: 6 per week

■ ARB054 ARCHITECTURAL PROJECT

A major project selected by the student and approved by the course coordinator. By the end of the semester the student should demonstrate through the project the course objectives, expressed as values and attitudes, knowledge and skills.

Courses: AR48

Prerequisites: ARB053

Credit points: 24

Contact hours: 6 per week

■ ARB081 HISTORY, THEORY & CRITICISM OF URBAN DESIGN

Analysis of urban forms and systems in pre-industrial, industrial and post-industrial periods. History topics include urban activities, urban culture and diversity, urban services and urban form. Addresses concepts of "good theory" of urban design in relation to the work of a number of theoretical writers and schools. Theoretical topics include the "kunstlerischen Grundsätzen" of Camillo Sitte, the Garden City movement, Le Corbusier and modernism, counter-modern influences of the townscape movement, Jane Jacobs, Kevin Lynch and Responsive Environments approaches, Christopher Alexander, Rapoport, phenomenological approaches, and recent movements such as "the new urbanism".

Credit points: 12

■ ARB082 URBAN DESIGN STUDIO B

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 24cp allows focus, depth

and, where appropriate, joint/complementary project work with senior students in other Faculty courses. Field work will be incorporated.

Credit points: 24

■ ARB083 URBAN DESIGN MASTERS STUDIO

An advanced level urban design project, supported by seminars presented by staff, students and visiting lecturers and distinguished practitioners. This studio will focus on changes in the production and consumption of the city, including the effects of globalisation, space-time compression, economic rationalism, and the privatisation of space, services and professional activities.

Prerequisites: Completion of Graduate Diploma coursework

Credit points: 24

■ ARB693 DESIGN 9

Theory: contemporary architects' theories and ideas, their influence in architectural design and practice. Projects: process of brief, functional and space programming; urban values, design principles and landscape-townscape, civic and formal planning; urban quality. A comprehensive project of groups of complex buildings as a design vehicle evaluation; planning and presentation.

Courses: AR41

Credit points: 16

Contact hours: 5 per week

■ ARB695 PROFESSIONAL STUDIES 3

Alternative methods of building procurement; management of all phases of the building project. The Architect Act 1962 and amendments; Board of Architects Queensland Practice Examination.

Courses: AR41

Credit points: 8 (4 per semester)

Contact hours: 2 per week

■ ARB697 ELECTIVE 2

Studies on approved topics to sufficient depth to demonstrate the student's ability to define and to logically analyse a proposition, and to conduct research to prove its validity.

Courses: AR41

Credit points: Semester 1: 4; Semester 2: 20

Contact hours: Semester 1: 2 per wk; Semester 2: 5 per wk

■ ARB795 APPROVED EMPLOYMENT A

See course requirements and notes relating to undergraduate courses – industrial experience for Bachelor of Architecture.

Courses: AR48

Credit points: 36

Contact hours: 48 recognised weeks within first three years

■ ARB796 APPROVED EMPLOYMENT B

See course requirements and notes relating to undergraduate courses – industrial experience for Bachelor of Architecture.

Courses: AR48

Credit points: 60

Contact hours: 72 recognised weeks within second three years

■ ARB801 FIRE TECHNOLOGY & 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 & 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 & 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

■ ATN007 ATN007/1 TO ATN007/8 RESEARCH PROJECT 1 TO RESEARCH PROJECT 8

This project may take the form of: EITHER a research thesis; OR a creative project accompanied by a written component. The creative project could include an exhibition of visual art; a performance (dance, drama, music); or choreography, script or score; or a book-length work of fiction or non-fiction; or a film or multi-media script or production.

Courses: AT22

Credit points: 12 for each of the eight units (total 96)

Contact hours: 1 per week

Campus offered: CA, GP, KG

■ ATN200 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: AT22

Prerequisites: Varies by school: See Course Summary Sheet.

Credit points: 12

Contact hours: 3 per week

Campus offered: CA, KG

■ 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; intro-

duction to the law of torts with emphasis on the tort of negligence; aspects of consumer protection.

Courses: BS50, BS56, ED50, IF28, IF30, IF47, IF48, IF56, IF60, IF62, IF72, IT20, PU40

Prerequisites: BSB114

Campus offered: GP

Credit points: 12

Contact hours: 3 per week

Incompatible with: ALB110, ACB140, ACB371, LW3001, LW3013

■ 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

■ AYB122 GOODS & SERVICES TAX

Introduction 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

Includes an overview of the statutory requirements that dictate the format and content of the published financial reports of companies. Requirements of the Corporations Law and of 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. Preparation of consolidated financial statements that provide information on the combined results of the parent entity and its subsidiaries or controlled entities. Termination of a corporation's life and the accounting procedures necessitated by winding up/liquidation; accounting for foreign currency transactions arising from international trading and financing; 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, ACB003, ACB016

Campus offered: GP

■ 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 Attache 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 and BSB112

Credit points: 12

Contact hours: 3 per week

Incompatible with: AYB222, AYB101, ISB492, AC3010, AC3033

Campus offered: GP

■ 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

■ AYB225 MANAGEMENT ACCOUNTING 1

Introduction to managerial accounting, the role of the management accountant, and cost concepts; costing systems including actual/normal/standard systems under job and process costing; introduction to budgeting; accounting for the factors of production: materials, labour and overheads; extension of basic costing systems for multiple products and spoilage; direct and absorption costing; cost-volume profit analysis.

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, ACB004, ACB017

Campus offered: GP

■ AYB227 ACCOUNTING IN AN INTERNATIONAL ENVIRONMENT

Designed to provide students with an insight into, and an understanding of, many of the accounting problems and issues faced in an international business environment and Australia's role in the economically important and dynamic Asia-Pacific region. This unit emphasises financial reporting in Asia and the Pacific-Rim countries, issues examined include: comparative international accounting standard setting process and the harmonisation of accounting; international accounting systems and practices; cultural influences on accounting; international patterns of accounting development; accounting for foreign currency transactions and derivatives; translation of foreign currency financial statements; comparative international analysis of financial statements; global accounting issues into the twenty-first century.

Courses: BS56

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ AYB301 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 environments and evaluation of EDP controls; computer-assisted audit techniques; computer fraud; sampling techniques; the audit report.

Courses: BS50, BS56, ED50, IF37, IF72

Prerequisites: AYB220

Credit points: 12

Contact hours: 3 per week

Incompatible with: AYB210, ACB311, AC3005, AC3018

Campus offered: GP

■ AYB303 COMMERCIAL & SECURITIES LAW

Follows and develops legal principles first dealt with in Business Law and other areas relevant to commercial and securities law. These areas include: commercial transactions; specific types of contract: sales of goods, credit contracts, agency, bailment and insurance; aspects of the Trade Practices Act and negotiable instruments.

Courses: BS50, BS56

Credit points: 12

Incompatible with: ALB111

■ 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

Credit points: 12

Incompatible with: ALB120

Prerequisites: AYB120

Contact hours: 3 per week

Campus offered: GP

Prerequisites: AYB223

Contact hours: 3 per week

Campus offered: GP

■ AYB309 COMPUTER SECURITY & AUDIT

Impact of computer information systems (CIS) on auditing, general CIS controls, CIS application controls, generalised audit software (GAS), computer-assisted audit techniques, special CIS environments, fraud and privacy.

Courses: BS50, BS56

Credit points: 12

Incompatible with: AYB212

Prerequisites: AYB220, AYB301

Contact hours: 3 per week

Campus offered: GP

■ 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

Credit points: 12

Incompatible with: AYB218

Prerequisites: AYB221

Contact hours: 3 per week

Campus offered: GP

■ 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

Credit points: 12

Incompatible with: AYB113, ACB310, ACB007, ACB023

Contact hours: 3 per week

Campus offered: GP

Prerequisites: AYB220

■ AYB312 FINANCIAL INSTITUTIONS LAW

The legal framework of banking and other financial transactions: legal constraints upon the operations of financial institutions; bank-customer relationship; Cheque Act, Credit Act, liability for negligent advice.

Courses: BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF60, IF62

Prerequisites: AYB120 (JSB086 and JSB087 for Education students)

Credit points: 12

Incompatible with: ALB103

Contact hours: 3 per week

Campus offered: GP

■ AYB313 GOVERNMENT ACCOUNTING

Examines the elements of government accounting; the concept of public accountability; budgeting; public sector accounting and reporting of Commonwealth, state and local government agencies; public sector auditing.

Courses: BS56

Credit points: 12

Campus offered: GP

Prerequisites: BSB110

Contact hours: 3 per week

■ AYB316 INSOLVENCY LAW & PRACTICE

Introduction to the nature of the legal regime governing insolvent individuals and corporations: Bankruptcy including administration of the legislation, voluntary bankruptcy, compulsory bankruptcy, assets available, administration of the estate, the effect of bankruptcy, compositions with creditors and Part X arrangements. Corporate insolvency including voluntary liquidation, winding up by the court on the ground of insolvency, the effect of winding up, assets available, division of assets, creditors' rights to prove, the liquidator's role, examination and offences; Alternatives to liquidation including – receivership and voluntary administration.

Courses: BS50, BS56

Credit points: 12

Incompatible with: ALB121

Prerequisites: AYB223

Contact hours: 3 per week

Campus offered: GP

■ AYB317 INTERNATIONAL BUSINESS LAW

Examination of the law governing the establishment and conduct of international business; business structures, international contracts, competing legal jurisdictions, codes of conduct; an introduction to the taxation consequences of international business.

Courses: BS50, BS56

Credit points: 12

Incompatible with: ALB105

Prerequisites: AYB120

Contact hours: 3 per week

Campus offered: GP

■ AYB321 MANAGEMENT ACCOUNTING THEORY

The development of management accounting as a discipline, development of theories – conceptual framework; theory of the firm; agency theory; contingency theory; decision theory; organisational behaviour theories; theory of constraints; application of theories within the finance/economics paradigm. The application of these theories will be considered practically within the context of issues such as transfer pricing, cost allocation and the contemporary managerial accounting techniques.

Courses: BS50, BS56, ED50, IF37

Credit points: 12

Incompatible with: FNB124, ACB321, AC3009, AC3025

Contact hours: 3 per week

Campus offered: GP

■ 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

Credit points: 12

Incompatible with: ALB131

Prerequisites: AYB328 or as a corequisite

Contact hours: 3 per week

Campus offered: GP

■ AYB325 TAXATION LAW

Statutory framework of income tax; assessable income, ordinary and statutory; capital gains; trading stock; allowable deductions, general and specific; levy of income tax: an introduction to the taxation of partnerships, trusts and companies, fringe benefits tax; taxation administration.

Courses: BS50, BS56

Credit points: 12

Incompatible with: ALB132, ACB340, LW3004, LW3015

Prerequisites: AYB223

Contact hours: 3 per week

Campus offered: GP

■ AYB328 TAXATION LAW 2

Examines the income tax treatment of the various business entities. The taxation processes for partnerships, companies, trusts and superannuation funds will be analysed together with the implications for the taxation of individuals involved with these business entities, that is, partners, shareholders, beneficiaries and trustees. This unit builds on the principles devel-

oped in 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.

Courses: BS50, BS56 **Prerequisites:** AYB325
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AYB326, ALB133
Campus offered: GP

■ AYB331 AUDITING & PROFESSIONAL PRACTICE

The audit approach; planning an audit; verification of the balance sheet and profit and loss statement, trade debtors, inventory, non-current assets, cash, investments, taxation, capital and retained profits; audit sampling theory techniques and applications; EDP auditing; and other issues of current professional interest.

Courses: BS56 **Prerequisites:** AYB301
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP

■ AYB332 THE LAW OF E-COMMERCE

The unit introduces law as it applies to E-Commerce to those who have had no previous formal studies in law. It introduces the student to legal reasoning and its application to a broad selection of E-Commerce issues. The unit is capped by the use of the legal reasoning skills acquired through the course to examine two topical case studies involving E-Commerce and the emerging legal regulation of such commerce.

Courses: BS56 **Prerequisites:** ITB850
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 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: BS56 **Prerequisites:** ITB850
Credit points: 12 **Contact hours:** 3 per week
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: BS50, BS56, IF37, IF41
Prerequisites: BSB110, AYB325
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:** AYB325
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 2

■ AYN400 ACCOUNTING 1 (PY)

See AYN404 Advanced Company Accounting. Please contact

the School of Accountancy office regarding commencement date. This unit runs outside the normal semester timetable.

Courses: BS70, BS94
Prerequisites: PG only; plus AYN420
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AYN404, AYN103, AYN300
Campus offered: GP

■ AYN401 ACCOUNTING 2 (PY)

This unit satisfies the Professional Year syllabus of the Institute of Chartered Accountants in Australia in applied areas of managerial accounting, finance and auditing. The unit extends the undergraduate framework in these areas. Topics are revised annually by the Institute with a focus on applied practice.

Courses: BS70, BS94
Prerequisites: P/G only; plus AYN400
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: FNN300 **Campus offered:** GP

■ AYN404 ADVANCED COMPANY ACCOUNTING

Consolidated financial statements; changes in degree of ownership; reverse subsidiaries and reciprocal shareholdings; consolidation and the existence of preference shares; translation and consolidation of foreign currency financial statements; consolidated cash flow statements; accounting for joint ventures, foreign currency transactions; segment reporting; and superannuation funds. Please contact the School of Accountancy office regarding commencement date. This unit runs outside the normal semester timetable.

Courses: BS70, BS94
Prerequisites: PG only; plus AYN420
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AYN400, AYN300, AYN103
Campus offered: GP

■ 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

■ 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

■ 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

■ 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; plus AYN417
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AYN120 **Campus offered:** GP

■ AYN412 COMPANY LAW

The law relating to the establishment, operation and dissolution of business associations, the forms of business associations; partnerships, joint ventures, trusts, companies and voluntary associations. A focus on companies: share capital prospectuses, directors' duties, incorporation and registration requirements.

Courses: BS89 **Prerequisites:** PG only; plus AYN410
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP

■ 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

■ 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

■ AYN415 EXTERNAL REPORTING ISSUES

Examines contemporary issues in external reporting including: institutional background and legal framework; conceptual framework and accounting theory; external reporting aspects of corporate governance; presentation and disclosure in external reports; capital market implications of external reporting; assets and asset revaluation; goodwill and identifiable intangibles; extractive industries; liabilities, off-balance sheet financing and financial instruments; intercorporate investments; and other reporting issues.

Courses: BS70, BS94 **Prerequisites:** PG only
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AYN111 **Campus offered:** GP

■ 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 cashflows; 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

■ 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; plus AYN416
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AYN113 **Campus offered:** GP

■ AYN418 FINANCIAL ACCOUNTING 3

This subject 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; plus AYN417
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AYN114 **Campus offered:** GP

■ AYN419 FINANCIAL MODELLING

Modelling as an organisational planning tool; the development and manipulation of databases in order to provide information sources for model building; the use of the modelling concept for solving investment and forecasting problems and analysing performance.

Courses: BS70, BS94 **Prerequisites:** PG only
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: EFN410, FNN103
Campus offered: GP

■ AYN420 FINANCIAL REPORTING

Conceptual framework; preparation and presentation of financial statements; accounting for income tax (tax-effect accounting), leases, construction contracts and the extractive industries; goodwill; acquisition and revaluation of assets; equity accounting. Please contact the School of Accountancy office regarding commencement date. This unit commences in early January.

Courses: BS70, BS94 **Prerequisites:** PG only
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AYN117 **Campus offered:** GP

■ AYN423 INTERNAL AUDITING

The techniques used by the internal or operational auditors; the need for efficiency or value-for-money auditing; performance auditing; the internal auditor in large organisations both public and private; ethical considerations.

Courses: BS70, BS94 **Prerequisites:** PG only
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: AYN118 **Campus offered:** GP

■ AYN424 INTERNATIONAL ACCOUNTING

This unit is designed to provide students with an understanding of many of the accounting problems and issues faced in an international business environment. This unit examines issues including comparative international accounting systems and practices; the international accounting standard setting process and the harmonisation of accounting; international accounting systems and practices; cultural influences on accounting; international patterns of accounting development; accounting for foreign currency transactions and derivatives; translation of foreign currency financial statements; comparative international analysis of financial statements, 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

■ AYN425 INTERNATIONAL TAXATION

Application of Australian income tax law and practice to situations and transactions with an international element; root principles of jurisdiction, residence and source; substantive

taxing provisions governing residents and non-residents; tax planning arrangements and applicable anti-avoidance legislation.

Courses: BS70, BS94

Credit points: 12

Incompatible with: ALN106

Prerequisites: PG only

Contact hours: 3 per week

Campus offered: GP

■ AYN426 LEGAL ENVIRONMENT OF BUSINESS

This subject examines a number of important areas of law which 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

Credit points: 12

Incompatible with: ALN303

Prerequisites: PG only

Contact hours: 3 per week

Campus offered: GP

■ AYN427 LIQUIDATIONS & RECEIVERSHIP

The law and practice of bankruptcy and corporate insolvency; comparisons between deeds of company arrangement, schemes of arrangement and reconstruction, receiverships and liquidation. Topics include: the rights of secured and unsecured creditors; rights of members and employees; duties and obligations of scheme administrators, receivers and liquidators; collection and distribution of assets; public examination; actions against company officers.

Courses: BS70, BS94

Credit points: 12

Incompatible with: ALN107

Prerequisites: PG only

Contact hours: 3 per week

Campus offered: GP

■ AYN430 MANAGERIAL ACCOUNTING ISSUES A

This unit is an advanced managerial accounting unit. The unit has a number of focii. 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

Credit points: 12

Incompatible with: FNN110

Prerequisites: PG only

Contact hours: 3 per week

Campus offered: GP

■ 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

Credit points: 12

Incompatible with: FNN111

Prerequisites: PG only

Contact hours: 3 per week

Campus offered: GP

■ AYN433 SPECIAL TOPIC IN ACCOUNTING 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

Credit points: 12

Incompatible with: AYN302

Prerequisites: PG only

Contact hours: 3 per week

Campus offered: GP

■ AYN434 SPECIAL TOPIC IN ACCOUNTING 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

Credit points: 12

Incompatible with: FNN112

Prerequisites: PG only

Contact hours: 3 per week

Campus offered: GP

■ AYN435 TAXATION 1A (PY)

Prepares candidates enrolled in the Institute of Chartered Accountants Professional Year for the examination and workshops in the taxation module. Topics as prescribed by the Institute are covered in cursory fashion or in depth according to the particular knowledge level requirements specified.

Courses: BS70, BS94

Credit points: 12

Incompatible with: ALN305

Prerequisites: PG only

Contact hours: 3 per week

Campus offered: GP

■ AYN436 TAXATION 1B (PY)

Prepares candidates enrolled in the Institute of Chartered Accountants Professional Year for the examination and workshops in the taxation module. Topics as prescribed by the Institute are covered in cursory fashion or in depth according to the particular knowledge level requirements specified.

Courses: BS70, BS94

Prerequisites: PG only; plus AYN435

Credit points: 12

Incompatible with: ALN301

Contact hours: 3 per week

Campus offered: GP

■ AYN438 TAXATION LAW & PRACTICE

Statutory framework; assessable income, general and specific; capital gains, trading stock; allowable deductions; general and specific; levy of income tax: all entities; fringe benefits tax.

Courses: BS30, BS89, GS10, GS11, GS13, GS85, GS86,

GS87, GS90, GS91, GS92

Prerequisites: PG only; plus AYN412

Credit points: 12

Campus offered: GP

Contact hours: 3 per week

■ 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; plus AYN414

Credit points: 12

Campus offered: GP

Contact hours: 3 per week

■ AYN441 ADVANCED AUDITING

Examines current auditing technologies at an advanced level. These technologies are aimed at enhancing the efficiency and effectiveness with which audits are conducted. The unit will enable students to develop an understanding of the principles underlying these technologies and to provide practical experience in the application of these technologies in auditing. Topics include: statistical sampling, analytical review using forecasting, audit software, expert systems, audit automation.

Courses: BS70, BS94

Prerequisites: PG only; plus AYN409

Credit points: 12

Campus offered: GP

Contact hours: 3 per week

■ 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

Credit points: 12

Campus offered: GP

Prerequisites: PG only

Contact hours: 3 per week

■ 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; plus AYN416 or GSN202

Credit points: 12 **Contact hours:** 3 per week

Incompatible with: AYB221, AYN303, AYN402

Campus offered: GP

■ AYN445 GOODS & SERVICES TAX

Introduction 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: BS70, BS94

Prerequisites: PG only

Credit points: 12 **Contact hours:** 3 per week

Campus offered: GP **Semester offered:** 1,2

■ 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 & 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 link-

ing 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

■ AYN505 ACCOUNTING HONOURS – A

Examines positive empirical research into accounting information utilisation both within the firm and as prepared for external stakeholders. 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. Analytic research examines the basic nature of accounting measurement and the statistical properties of accounting concerning the value relevance of accounting numbers.

Courses: BS63, BS70, BS92, BS94 **Prerequisites:** PG only

Credit points: 12 **Contact hours:** 3 per week

Campus offered: GP

■ AYN506 ACCOUNTING HONOURS – B

The behavioural and social aspects of the design and operation of accounting/auditing procedures. Considers the role played by accounting in the facilitation of management decision making and the interaction between accounting and human behaviour. Issues considered include: performance management; evaluation and budgeting; management control systems; management control of global operations; audit judgement and decision making.

Courses: BS63, BS70, BS92, BS94 **Prerequisites:** PG only

Credit points: 12 **Contact hours:** 3 per week

Campus offered: GP

■ 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

■ 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

Credit points: 12

Contact hours: 5/6 per week

Campus offered: GP

■ BNB011 FUNDAMENTALS OF SYNTHETIC ENVIRONMENTS

This unit provides an overview of Synthetic Environments focusing on the application to Design and Engineering disciplines as a tool for enhanced communication within a design process. The theory (lecture) component provides an overview of historical and contemporary issues related to Synthetic Environments, whereas the tutorials provide the necessary computer laboratory skills for the creation of a virtual world. Prior knowledge of 3D CAD is assumed.

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

■ 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: BS50, BS56, IF26, IF28, IF30, IF41, IF47, IF48, IF56, IF60, IF62, IF72

Credit points: 12

Contact hours: 3 per week

Campus offered: CA, GP

■ BSB112 INTRODUCTION TO ELECTRONIC COMMERCE

Provides students with an introduction to electronic commerce and business systems and with a practical understanding of the computing, communications and information systems technologies underlying electronic business systems used both nationally and internationally. Overview of how to find and retrieve information provided in electronic business. The impact of electronic business in terms of security, privacy, legal issues. Practical experience in using and applying common business software functions such as wordprocessing, graphics, spreadsheet and database 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

■ BSB113 ECONOMICS

Introduces students to the key economic concepts and their practical applications. 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, the balance of payments and international trade, and microeconomic reform.

Courses: BS50, BS56, ED50, IF26, IF28, IF30, F37, IF41, IF47, IF48, IF56, IF60, IF62, IF72

Credit points: 12

Contact hours: 3 per week

Incompatible with: EPB116 and EPB172, EPB140 and EPB150

Campus offered: CA, 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

■ 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

■ 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, globalization 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: BS50, BS56, ED23, ED50, IF26, IF37, IF41, IF56, IF60, IF72

Credit points: 12

Contact hours: 3 per week

Incompatible with: MKB140 **Campus offered:** CA, GP

■ 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: BS50, BS56, ED50, IF26, IF28, IF30, IF37, IF41, IF47, IF48, IF56, IF60, IF62, IF72

Credit points: 12

Contact hours: 3 per week

Incompatible with: COB160, COB106, COB205

Campus offered: CA, GP

■ BSB300 MANAGEMENT, THE FIRM & INTERNATIONAL BUSINESS

Provides a detailed examination of the impact of the international environment upon management and the firm. Exam-

ines how management and the firm responds to change if success is to be achieved in a competitive international market. Focuses upon the concepts of change and efficiency in examining dimensions of management practices in order to assess the capacity of a firm to respond proactively; as well as organisational form, major functional processes, networks and strategic responses.

Courses: BS50, BS56, IF26, IF28, IF30, IF41, IF47, IF48

Prerequisites: BSB115 and MIB211 or BSB116 and MGB206

Credit points: 12

Contact hours: 3 per week

Incompatible with: HRB118, MGB330

Campus offered: GP

■ 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

Credit points: 12

Contact hours: 4 per week

Incompatible with: BSB110

Campus offered: KG

■ 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 wordprocessing, graphics, spreadsheet, and database to business information problems.

Courses: BS40

Credit points: 12

Contact hours: 4 per week

Incompatible with: BSB112

Campus offered: KG

■ 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 market place, the standard of living, inflation and unemployment, money and banking, saving and investment, international trade, the business cycle and stabilization policy.

Courses: BS40

Credit points: 12

Contact hours: 4 per week

Incompatible with: BSB113

Campus offered: KG

■ 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

Credit points: 12

Contact hours: 4 per week

Incompatible with: BSB114

Campus offered: KG

■ 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

Credit points: 12

Contact hours: 4 per week

Incompatible with: BSB115

Campus offered: KG

■ BSD116 MARKETING & INTERNATIONAL BUSINESS

This introductory subject 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

Credit points: 12

Contact hours: 4 per week

Incompatible with: BSB116

Campus offered: KG

■ BSN400 INDUSTRY ANALYSIS

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 student for their major assignment.

Courses: BS93

Prerequisites: PG only

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ BSN401 MANAGEMENT, THE ORGANISATION & INTERNATIONAL BUSINESS

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 provide an introduction to the management issues to be faced by organisations entering into export markets. BSN408 is concerned with broad, international trends.

Courses: BS93

Prerequisites: PG only

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ BSN404 PROJECT 1

Designed to permit the student to undertake a research project, subject to the approval of the Major Coordinator.

Courses: BS30, BS93, BS94, BS98, GS70

Prerequisites: PG only

Credit points: 12

Incompatible with: MKN101, MKN102, MKN103

Campus offered: GP

■ BSN405 PROJECT 2

Designed to permit the student to undertake a research project, subject to the approval of the Major Coordinator.

Courses: BS93, BS94

Prerequisites: PG only

Credit points: 12

Campus offered: GP

Incompatible with: MKN101, MKN102, MKN104

■ BSN406 PROJECT 3

This unit is designed to permit the student to undertake a research project, subject to the approval of the Major Coordinator.

Courses: BS93, BS94

Prerequisites: PG only

Credit points: 24

Campus offered: GP

■ BSN408 BUSINESS & THE INTERNATIONAL ENVIRONMENT

Business operates in an increasingly international environment which 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, BS93, GS70, GS80

Prerequisites: P/G only

Credit points: 12

Contact hours: 3 per week

Incompatible with: GSN101

Campus offered: GP

■ 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 to resolve a complex business problem in accounting, banking and finance, and accounting legal studies or related discipline 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 and accounting legal studies or related discipline.

Courses: BS94

Prerequisites: PG only; plus BSN500

Credit points: 24

Campus offered: GP

■ BSN411 PROJECT

Students undertake an in-depth independent investigation of the efficacy of deployment practices in an organisation or across organisations. The aim of the unit is for students to integrate course work via an analysis of the practical application of quality in a real world situation. Project reports will be data based and soundly based on relevant literature.

Courses: BS93

Prerequisites: PG only

Credit points: 24

Campus offered: GP

Incompatible with: BSN150, BSN149, BSN410

■ BSN500 RESEARCH METHODS

The subject provides an introduction to the methodology of scientific research. The course has three components: Scientific Method, Experimental Design and Statistical Applications. The course begins with a consideration of the philosophy of science and the development of scientific knowledge. The course then focuses on the research methods adopted in the disciplines of accounting, economics and finance. This includes an examination of experimental design issues and their implications for the internal and external validity of the research and the application of statistical techniques for data analysis.

Courses: BS63, BS70, BS92, BS94

Prerequisites: PG only

Credit points: 12

Contact hours: 3 per week

Incompatible with: AYN102

Campus offered: GP

■ BSN501 DISSERTATION

Students undertake a study of an issue as the culmination of their Honours program. The dissertation must have a well-developed conceptual foundation and include a primary research component.

Courses: BS63

Prerequisites: PG only

Credit points: 48

Campus offered: GP

■ 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: 3 per week

Incompatible with: BSB400

Campus offered: GP

■ 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

Credit points: 12

Campus offered: GP

Prerequisites: PG only

Contact hours: 3 per week

■ 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

■ 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

■ CEB112 COMPUTING APPLICATIONS

Students will be instructed in the use and application of a wide range of computing software commonly used for word processing, spread sheets, database applications, project management, etc. including network file transfer and internet working basics.

Courses: CE33

Credit points: 12

Contact hours: 5 per week

■ CEB207 PROFESSIONAL STUDIES 2

Students will develop and define a problem statement and be encouraged to develop their own creative solution by the end of 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: Project engineering; Geotechnical Engineering; Structural Engineering and Strength of materials

Courses: CE44

Prerequisites: CEB110, BNB007

Credit points: 12

Contact hours: 5 per week

Campus offered: GP

Semester offered: 1

■ CEB208 MATERIALS SCIENCE

The role of quality assurance and control in engineering projects are explained. The typical material properties of the common engineering materials are presented over a number of weeks. The corrosion mechanism which are most commonly found in engineering applications of metals and the specific weaknesses of the various metals are investigated. Material selection and design and construction are covered.

Courses: CE44, CE33, IF50

Credit points: 12

Contact hours: 4 per week

Campus offered: GP

Semester offered: 1

■ CEB209 GEOTECHNICAL ENGINEERING 1

Common types of shallow foundations, short bored piers, deep foundations, depth of influence of foundation loads, preliminary assessment of foundation types and sizes – foundation design, common problem soils, presumed design bearing pressures for local sites. permeability and seepage; simple overburden stresses, pore pressures and the fundamental principle of effective stress; shear strength; lateral earth pressures and the design of simple retaining structures; slope stability;

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 social and environmental impacts of developmental projects are essential for today's civil and environmental engineers. Civil 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: CE44, CE43, IF42

Prerequisites: CEB207, CEB213

Credit points: 12

Semester offered: 1

■ CEB215 STRUCTURAL ENGINEERING

Buildings, bridges and hydraulic structures are generally constructed from reinforced concrete, prestressed concrete, steel or timber. Reinforced and prestressed concrete structures are commonly found in all forms of construction (houses, shopping centres, industrial structures, high rise buildings, bridges, hydraulic structures, foundations, etc). Consequently the Civil Engineer must understand the fundamental concepts associated with reinforced and prestressed concrete as well as have the ability to analyse and design simple concrete structures. This unit builds on the introductions to structural analysis (Engineering Mechanics 2), materials (Material Science), limit state design, sketching and design being introduced through the professional studies stream. This unit provides the knowledge and skills necessary for you to be able to analyse and design simple reinforced and prestressed concrete structures. A sound understanding of these concepts is essential for your career and for the successful completion of the professional studies stream.

Courses: CE44, CE43, IF42

Semester offered: 2

Prerequisites: CEB208, CEB110

Credit points: 12

■ 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 particularly cranes; Estimating of time and materials including productivity; the principles of planning, programming and effective economic control of projects and their application to investigation, 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

■ CEB224 ADVANCED CIVIL ENGINEERING SOFTWARE

Instruction will be given in the use of the road design and land development software package 4D, and will incorporate the use of the drainage software package, P.C.Drain.

Courses: CE31

Prerequisites: CEB204

Credit points: 8

Contact hours: 3 per week

■ CEB225 CIVIL PROJECTS A

Integration of the skills and knowledge developed in earlier units by applying basic engineering science and technology to specific engineering design projects. Objectives of this problem-based learning include development of specific design skills and LAO generic skills such as professional problem solving, group management, communication and professional practice issues such as ethics and social effects.

Courses: CE31, CE33

Prerequisites: Completion of at least 184 credit points of the course

Credit points: 8

Contact hours: 4 per week

■ CEB226 CIVIL PROJECTS B

Integrates the skills and knowledge developed in Projects A by applying the engineering technology to complete a large specific design project. The objectives of this problem-based learning include the development of overall design skills and the development of generic skills such as professional problem solving, group management and professional practice issues such as ethics and social effects.

Courses: CE31, CE33

Prerequisites: Completion of at least 184 credit points of the course

Credit points: 8

Contact hours: 4 per week

■ CEB254 STRUCTURAL ENGINEERING 1

Stress distributions and transformation of stresses and strain, theories of failure, pressure vessels, shear centre and shear flow for thin walled open sections, second moments of area, deflections of beams and trusses by the virtual work method, unsymmetrical bending. Determination of forces and/or bending moment distribution in simple indeterminate structures; computer packages for structural analysis.

Courses: CE31, CE42, CE43, IF42

Prerequisites: CEB184, CEB185 **Corequisites:** MAB487

Credit points: 8

Contact hours: 3.5 per week

■ CEB317 PROFESSIONAL STUDIES 4

Project based learning will be used to deliver this subject. Students will form consulting groups of 4 or 5 and each stu-

dent will become the “expert” in two of the following areas: Project management; Transportation and traffic; Pavements; Water Engineering; Environmental Engineering

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 *

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 projects. Students will develop additional technical skills in structural design, and enhance their understanding of the context in which structural design occurs. Completion of this project will further students professional skill development, with emphasis on professional responsibility, independent learning, and commercial skills.

* Refer to School

Courses: CE44, CE43, IF42

Prerequisites: CEB317, CEB215, CEB318

Credit points: 12

Semester offered: 1

■ CEB321 WATER & WASTEWATER TREATMENT

The provision of safe, wholesome and adequate supply of water and the proper treatment, disposal, and reuse of wastewater are essential for protecting human health and well-being. Water and wastewater treatment are required for the control of water-borne diseases and the provision of proper sanitation for urban, rural, and recreational areas. Water and wastewater treatment engineering is a major field of civil and environmental engineering and is manifested by sound principles and practice in terms of solving sanitation problems.

Courses: CE44, CE43, IF42

Prerequisites: CEB213, CEB217

Credit points: 12

Semester offered: 1

■ CEB322 GEOTECHNICAL ENGINEERING 2

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.

Courses: CE44, CE43, IF42

Credit points: 12

Prerequisites: CEB209

Semester offered: 2

■ CEB323 TRANSPORT ENGINEERING 1

The road system is an essential part of our physical infrastructure. Therefore, it is imperative that all civil engineers are able to undertake basic geometric design of a roadway, as well as basic planning and design of intersections based on traffic flow analysis. In addition, students need to understand the main factors influencing road safety and the main planning requirements for traffic studies. Whatever the eventual field of specialisation, it is important that students are well grounded in road and traffic engineering. This will provide them with the technical and generic skills required to lead and manage the many multi-disciplinary projects, which have a transport component.

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

Semester offered: 2

■ 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

Semester offered: 2

■ CEB328 INVESTIGATION PROJECT

This unit gives the student the opportunity to gather a body of information relating to a selected topic from the available literature, and to reach conclusions by critical analysis of this material. The investigation may include analysis and experimental work. The results will be presented as a written report supported by a seminar presentation.

Courses: CE33

Campus offered: GP

Credit points: 12

Semester offered: 2

■ CEB409 PROFESSIONAL STUDIES 6

Integration of engineering activities with community needs is essential for construction projects. The expansion of multi-mode transport facilities such as ports requires input from a range of professions in addition to civil engineers, and community consultation is essential. An Impact Management Plan should be developed to facilitate the project. This unit will build on previous professional studies units and students will produce an impact management plan for a typical project. Non engineering staff will provide students with perspectives beyond engineering and students will have to synthesise this input with their own professional skills to develop appropriate strategies for project implementation. Completion of this project will further students professional skill development, with emphasis on teamwork, multi-discipline skills, group dynamics and the place of engineering in the community.

Courses: CE44, CE43, IF42

Prerequisites: CEB320, CEB323, CEB319

Credit points: 12

Semester offered: 1

■ CEB411 THESIS PROJECT A

Professional engineers must be able to define and solve problems in areas which are not covered in textbooks and manuals of good practice. Research and development work will be required to critically assess the available information and to plan and carry out a program of investigation. This subject helps students develop the skills required for this type of work.

Courses: 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 the balanced experience of design and construction combined with management principles if they are to be considered as being prepared for the 21st century regardless of whether they are the cutting edge of the profession in either design or construction or become involved in the necessity that is fast approaching of maintaining, rehabilitating and operating the nation's aging infrastructure and existing 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 that they become and remain competitive.

Courses: CE44, CE43, IF42

Prerequisites: CEB216, CEB317

Credit points: 12

Semester offered: 1

■ CEB413 STRUCTURAL ENGINEERING 3

This is the last structural analysis unit in the course and will deal with three advanced topics in structural analysis, pertaining to: maximum load bearing capacity of structures, theory of computer analysis packages and applications, and effects of moving load on structures. Structures carry loads beyond their elastic limits and engineers need to know the maximum load bearing capacity of structures, prior to collapse. A study of plastic analysis will facilitate optimum design of structures. Most structural analysis programs are based on the stiffness method. In order to analyse structures effectively, the basics of the stiffness method will be covered and applied to solve problems in static, dynamic and buckling analyses. Structures such as buildings and bridges are subjected to moving loads. The maximum effects due to these moving loads is required for the design of these structures. A study of influence lines in "real structures" will help in their design to moving loads.

Courses: CE44, CE43, IF42

Prerequisites: CEB215, CEB318

Credit points: 12

Semester offered: 1

■ CEB414 PROFESSIONAL STUDIES 7

Integration of planning, design and construction operations is essential for the successful delivery of a construction project. Projects are usually sub-divided into areas and a range of disciplines are involved in each area. Groups of students will be involved in the design and documentation of a multi-discipline project, and these groups may include students from other schools within QUT. Completion of this project will further students professional skill development, with emphasis on teamwork, business principles, group dynamics, creativity and the role of engineering in the community.

Courses: CE44, CE43, IF42

Prerequisites: CEB409, CEB412

Credit points: 12

Semester offered: 1

■ CEB415 THESIS PROJECT B

Professional engineers must be able to define and solve problems in areas which are not covered in textbooks and manuals of good practice. Research and development work will be required to critically assess the available information and to plan and carry out a program of investigation. This subject helps students develop the skills required for this type of work.

Courses: CE44, CE43, IF50

Prerequisites: Unit can only be taken by final year students.

Credit points: 12

Semester offered: 2

■ CEB416 ENVIRONMENTAL LAW & ASSESSMENT

The adverse consequences of human activity has resulted in the adoption of various international treaties, enactment of stringent legislative requirements, and a growing demand for improved management practices. Engineers need to be aware of the way in which the law works, be able to communicate with lawyers and to recognise the legal and political implications of their projects. An understanding of the local, state,

and federal government power to regulate development, the legal and planning requirements and assessment procedures are essential for professional engineering practice.

Courses: CE44, CE43, IF50

Credit points: 12

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 of the use of waste through recycling and energy production; viewing waste as a resource; 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 which 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

■ CEB471 ENVIRONMENTAL DESIGN PROJECT

Intended to combine material covered in a number of disciplinary areas into a realistic environmental engineering project where the overall scope of a 'real world' environmental engineering problem is investigated. A general approach to problem definition and solution is to be emphasised and the identification and study of environmental impacts is illustrated by application to a specific project.

Courses: CE42, CE43

Prerequisites: CEB305, CEB315, CEB342, CEB362, CEB372

Credit points: 8

Contact hours: 3 per week

■ CEB475 ENVIRONMENTAL ENGINEERING DESIGN

Design of projects involving water quality management, waste management, land management and other environmental engineering applications. More general problem-solving skills are to be developed so that students can successfully complete projects other than those covered in the course. Emphasis on the appropriate/potential use of computers for analysis and design and monitoring and control of engineering processes.

Courses: CE42, CE43

Prerequisites: CEB304, CEB270, CEB372

Credit points: 16 (8 per semester)

Contact hours: 4 per week in Semester 1; 3 per week in Semester 2

■ CEB501 CIVIL ENGINEERING PRACTICE 1

Combination of lectures, tutorials, practical work or field trips covering current topics in a specified area of civil engineering

at an advanced undergraduate level. Unit is offered irregularly. When offered, the unit material will be advertised by the Head of School.

Courses: CE42, CE43, IF42

Prerequisites: Students must be in the final year of their course
Credit points: 8 **Contact hours:** 3 per week

■ CEB502 PROJECT CONTROL

The planning and management of engineering developments of significance requires a range of project management skills relating to the interactions required with other professional disciplines, clients, government and the community. This subject provides training and experience in the application of these interdisciplinary skills.

Courses: CE42, CE43, IF42

Prerequisites: CEB305

Credit points: 8 **Contact hours:** 3 per week

■ CEB503 ADVANCED CONSTRUCTION METHODS

The application of previously acquired knowledge to an actual project. Students will be required to apply technical, commercial and managerial skills in the compilation of a commercially acceptable tender for construction.

Courses: CE42

Prerequisites: CEB305, CEB309

Credit points: 8 **Contact hours:** 3 per week

■ CEB505 PROJECT MANAGEMENT & ADMINISTRATION

Using case studies and 'role playing' techniques, students are required to develop solutions to a variety of project management problems, submit reports and make presentations regarding these exercises.

Courses: CE42, CE43, IF42

Prerequisites: CEB305

Credit points: 8 **Contact hours:** 3 per week

■ CEB507 FINITE ELEMENT METHODS

During their professional career, engineers will need to undertake the analysis and/or design of some complexity (or difficulty) in the areas structures, geomechanics and perhaps in other areas. They will have to use the finite element technique for this purpose. The displacements and stresses in complex connection, dame, deep beams, plates shells, soil anchors, etc, can only be obtained by using the finite element method. The finite element analysis program is usually a large and complex one. In order to carry out a proper and efficient finite element analysis, engineers need to understand the basis of the method as well as several important aspects of the method, such as modelling, choice of element type, boundary conditions, etc. This unit aims in providing the theory and modelling skills in order to use the finite element method effectively.

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 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 & ADMINISTRATION

The course is designed to reinforce the basic precepts that have been covered in previous subjects and to provide to the student an insight into the requirements, precepts and problems of construction management, particularly in relation to handling people. Students will have exposure to setting and meeting defined goals by a set time with minimum interference from the lecturer. Goals will be set by the student in conjunction with other members in the team to ensure the subject requirements are met including all necessary additional

reading. 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

■ CEB511 TRANSPORT ENGINEERING 2

Students focus on urban transportation planning. Includes traffic flow simulation, application of four-step transportation planning models, surveys, network development, trip generation, distribution and assignment.

Courses: CE42, CE43, IF42

Corequisites: CEB512

Credit points: 8 **Contact hours:** 3 per week

■ 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 to date but are in reality a 'casserole' of all that has been taught in the discipline areas. You should have enough information available to allow you to adapt the information already learnt into a totally different setting that is in reality a mix of all 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. This allows a realistic environment to be developed. 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

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 reinforce the basic principles that have been covered in previous subjects and 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 & 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 which use masonry as load bearing and in-fill non-structural panels. This course develops a basic understanding of Masonry Technology and Design using the Australian Standard 3700. This unit will provide an understanding of the differences in the material properties of clay, concrete, calcium silicate bricks and blocks. This unit also provides an understanding of workmanship, site practices and construction details of masonry. Students will develop the design skills needed for the design of masonry walls, reinforced or un-reinforced and discuss the difference in design procedures for the different masonry materials.

Courses: CE42, CE43, IF42

Credit points: 12

■ CEB518 RIVER & 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

■ CEB519 ADVANCED CIVIL SOFTWARE

Almost all civil engineers use engineering software in the course of their careers. Although much of this software is proprietary software, a great deal of software has been developed in-house. Therefore, there is a need for civil engineers to have an understanding of how successful engineering software is developed and implemented within an engineering organisation. The material covered in this unit will build on the students' understanding of engineering theory applied to the development of engineering software. It relies on a prior understanding of physics, mathematics and solid mechanics.

Courses: CE44
Prerequisites: CEB109, MAB131, MAB132, and some advanced units from each area, water, environment, geomechanics, structures etc.
Credit points: 12

■ CEB520 FINITE ELEMENT METHODS

Basic theory of the finite element method. Theoretical and modelling considerations are covered in the context of case studies in structures and soil mechanics. Significant "hands on" applications. Introduction to dynamic and non-linear analysis.

Courses: CE42, CE43, IF42 **Prerequisites:** CEB355
Credit points: 8 **Contact hours:** 3 per week

■ 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

■ CEB531 MASONRY DESIGN

Working stress design. Assumptions, derivation of design formulae for beams, walls and columns with clay and concrete

masonry. Masonry materials. Physical properties of masonry materials.

Courses: CE42, CE43, IF42
Prerequisites: CEB306, CEB355, CEB293
Credit points: 8 **Contact hours:** 3 per week

■ CEB541 GEOTECHNICAL ENGINEERING 2

Analysis, design and installation of sheetpile walls and excavation support. Protection of adjacent structures. Analysis, design and installation of pile and pier foundations. Shallow foundations on rock. Rock sockets. Foundations on expansive soils. Site characteristics by in situ testing methods. Selection of soil properties for design.

Courses: CE42, CE43, IF42 **Prerequisites:** CEB342
Credit points: 8 **Contact hours:** 3.5 per week

■ 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

■ CEB551 ADVANCED STRUCTURAL DESIGN

Emphasis on the design of more complex structures. Normally two projects are studied involving some or all of: design in new materials, new analytical techniques, new codes of practice, novel structures.

Courses: CE42, CE43, IF42 **Corequisites:** CEB405
Prerequisites: CEB201, CEB306, CEB355, CEB304, CEB406, CEB202
Credit points: 8 **Contact hours:** 3 per week

■ CEB560 HYDRAULIC ENGINEERING 3

Lectures, tutorials, practical work and site visits examine selected topics in water engineering. Topics chosen from hydrology, mobile bed hydraulics, river hydraulics, hydraulic structures, urban drainage, physical and mathematical modelling.

Courses: CE42, CE43, IF42
Prerequisites: CEB261, CEB362
Credit points: 8 **Contact hours:** 3 per week

■ CEB561 COASTAL ENGINEERING

Coastal engineering: wave theory, recording and analysis, wave generation; coastal processes, tides and surges; sediment movement, foreshore protection; coastal inlets, canal systems; planning and design of coastal structures; hydraulic models.

Courses: CE42, CE43, IF42 **Corequisites:** CEB362
Prerequisites: CEB261
Credit points: 8 **Contact hours:** 3 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

■ CEB570 WASTE MANAGEMENT

Basic solid waste management (domestic, commercial and industrial wastes); the general principles of industrial liquid waste management, with examples of some important industries.

Courses: CE42, CE43, IF42 **Corequisites:** CEB371
Credit points: 8 **Contact hours:** 3 per week

■ CEB575 ENVIRONMENTAL IMPACT ASSESSMENT

Introduction to environmental planning, law and management, environmental impact assessment and the evaluation of critical environmental problems.

Courses: CE42, CE43, IF42

Prerequisites: CEB371, SCB246, CEB362, CEB342
Credit points: 8 **Contact hours:** 3 per week

■ CEP 143 BIOLOGICAL TREATMENT PROCESSES

The design and operation of water and waste water treatment systems, focusing on conventional and advanced biological treatment processes. Current practice and development.

Credit points: 12

Campus offered: GP

Semester offered: GP

■ 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

Semester 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

Semester offered: GP

■ CEP143 BIOLOGICAL TREATMENT PROCESSES

The design and operation of water and waste water treatment systems, focusing on conventional and advanced biological treatment processes. Current practice and development.

Courses: 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 role 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 & 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 background 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 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

■ **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 which 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 postmodern 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

■ CLB343 LANGUAGE & MATHEMATICS CURRICULUM 2

Complementary unit to Language and Mathematics Curriculum 1 and consists again of two half units of language and mathematics education. The language component of this unit explores the theory, strategies and resources for writing, speaking and listening in a range of genres in a variety of social

settings. The mathematics section focuses on particular techniques for teaching the strands of space (shape, size and position), measurement (length, area, etc.) and chance and data (statistics, graphs and probability).

Courses: ED51, ED56, IF82, IF84

Prerequisites: CLB342

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 crosscultural 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 & 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 & 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 effec-

tively 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 & 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

■ **CLB400 UNDERSTANDING SCHOOLS & THEIR COMMUNITIES**

Schools and education systems face many pressures and competing demands which have altered the nature of classroom teaching, administration, and relationships between teachers, students and their families. This unit, drawing on sociological perspectives, provides a way of understanding, evaluating and critically responding to these pressures which impact on schools.

Courses: ED26

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 which 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

■ **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 equivalent)

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

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?'; '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 & THE SCHOOL**

The unit aims to equip future teachers with an understanding of media literacy which they can apply to their own professional growth in addition to incorporating the concepts in an educational environment. Aspects of media techniques and practices, relationships between culture and meaning; nature of an audience, and concepts of agents and industry will be explored.

Courses: ED51, ED52

Credit points: 12

Contact hours: 3 per week

Incompatible with: LAP513

■ **CLB453 NEW LITERACIES & 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 & 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 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

■ **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 which influence teachers in the development of language programs. Includes analysis of the following areas: learner profiles and needs; aims and objectives; processes and criteria for selecting methodology; content selection and sequencing; choice and evaluation of materials and resources.

Courses: ED14, ED77

Credit points: 12

Contact hours: 3 per week

■ CLN614 RESEARCH METHODS IN SECOND LANGUAGE EDUCATION

Introduces students to methods and techniques which are used by classroom teachers and language educators to undertake small and large scale research projects and to report research findings in journals and other publications.

Courses: ED14, ED77

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 which 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 & 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

The relationship between language and culture; that is, how language is a social phenomenon, the use of which varies according to context. This close relationship is particularly relevant in crosscultural settings such as the ESL classroom.

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 & 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 which 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 & LITERACY CURRICULUM

The unit is constructed of three modules: skilling students for literate acts; teaching/learning through a genre and critical approach; and catering for different learners in the language and literacy program. The unit approaches the teaching-learning cycle through a problem-solving approach, and through case studies and scenarios typical of classrooms which include a range of learners including ESL students and those who have different learning styles and abilities.

Courses: ED18

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 FOCUSED BEHAVIOUR MANAGEMENT & 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

■ CLN633 SOCIO-CULTURAL CONTEXTS OF CIVICS & CITIZENSHIP

Examines the origins of ideas and practice in citizenship education and focuses on how we can find the most effective and equitable means to impart to individuals how they can more fully participate in civic and community life in Australia. Students are encouraged to draw on their community and professional contexts for class discussion and assessment. Through assessments students evaluate current literature, particularly policy, in the field of civics and citizenship education and negotiate a project which is a practical investigation of a relevant issue within a school, community or workplace setting.

Courses: ED13, ED11

Credit points: 12

■ CLP501 SOCIO-CULTURAL ISSUES IN EDUCATION

Examines socio-cultural contexts of schooling; the pastoral care and special needs industries; resistance and disruption in schools; disability and integration.

Courses: ED28, ED61

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 which 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 which 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 & 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 consists of 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 effect 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.

Courses: CN51, CN53

Corequisites: CNB101

Credit points: 12

Contact hours: 4 per week

■ CNB105 LEGAL & LAND STUDIES

This unit consists of four components; Land Studies, Environmental Law including EPA, Codes and By-Laws, and Concepts of Surveying and Measuring. Land studies: Legal issues relating to land; permits; law of property; ownership and possession; estates and interests in land; easements; rights and restrictive covenants; party walls, boundary walls, fences and encroachments. Environmental law including EPA: Constraints, water noise and dust; vibration from blasting; heritage; erosion and sediment control; contaminated land; safety; sustainable development; waste management and control. Codes and by-laws: Building Code of Australia; Queensland Home Building Code; Standard Building By-Laws in Queensland; Fire Safety Act, Acts Interpretation Act. Concepts of Surveying and Measuring: Revision of trigonometry. Functions; levels and levelling; reading and recording observations; 2-peg test; linear measurement; correction to measurements; the theodolite; angles and bearings; traverses and traverse calculations; setting out; contour and volumes; maps; cadastre.

Courses: CN51, CN53

Credit points: 12

Contact hours: 3 per week

■ CNB106 PREPARATORY UNIT

Introduction to the course aims, objectives and expectations in addition to the ethical practice requirements of membership of the university community. The unit includes mathematics (covering trigonometry and geometry) for the technical units of the course; statistics needed for research components; economics (macro, micro and construction specific) necessary for the units covering the business aspects of construction; introduction to computing and writing skills needed in order to communicate research results and professionally prepare and present assignments.

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

Credit points: 12

Corequisites: CNB108

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

Credit points: 12

Corequisites: CNB107

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

Credit points: 12

Prerequisites: CNB101

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 CNB182 Building Studies 1.

Courses: PU40

Campus offered: GP

Credit points: 12

■ CNB180 ECONOMICS FOR THE PROPERTY INDUSTRY I (MACROECONOMICS)

While Economics for the Property Industry I (Macroeconomics) CNB 180 and II (Micro and Urban Economics) CNB 184 are taught as separate units, they are to be presented in a manner which places strong emphasis on their interrelationships. Economics for the Property Industry I (Macroeconomics) is concerned with broad economic aggregates. These include GDP, expenditure and savings, employment, money supply, average price levels, balance of payments, the role of the government and the central bank and international trade and capital flows.

Courses: CN52

Credit points: 12

Contact hours: 4 per week

■ CNB181 INTRODUCTORY STUDIES

This subject is divided into three distinct but interrelated areas; effective study methods, professional writing skills and computer literacy. The aim is to provide foundations skills to enable students to successfully undertake their university studies and to develop sound and effective methods of learning, which will facilitate life-long professional development. Stu-

dents will be introduced to issues such as study management methods, problem solving processes, report writing and commercial computer software packages.

Courses: CN52

Credit points: 12

Contact hours: 4 per week

■ CNB182 BUILDING STUDIES 1

The lectures introduce students to the principles and methods of domestic and light commercial construction and defect identification. Drafting tutorials will reinforce lecture material and give students an understanding of building documentation, measurement (PCA Code of Measurement) and the interrelationship between the documents prepared by the various building consultants. Fieldwork comprises an integral part of the unit.

Courses: CN52

Credit points: 12

Contact hours: 4 per week

■ CNB183 LAW 1

Seeks to provide students with a working knowledge of legal principles and processes, the legal system; sources and divisions of the law; rules of precedence; interpretation of statutes and regulations; legal practice and procedure; law of property, ownership and possession, estates and interests in land; easements, rights and restrictive covenants; party walls, boundary walls, fences and encroachments.

Courses: CN52

Credit points: 12

Contact hours: 4 per week

■ CNB184 ECONOMICS FOR THE PROPERTY INDUSTRY 2 (MACRO & URBAN ECONOMICS)

The unit comprises: microeconomic theory and urban economic theory. Microeconomic theory examines consumer behaviour, the nature of demand, preference and indifference theory; the nature of supply, the price mechanism, the operation and structure of markets, short and long run costs and profit maximisation. Urban economic theory builds upon preliminary economic knowledge to examine urban growth theory, population and employment dynamics, commercial and residential location theory.

Courses: CN52

Credit points: 12

Prerequisites: CNB180

Contact hours: 4 per week

■ CNB185 REAL ESTATE AGENCY PRACTICE

The unit introduces management techniques required to operate a real estate practice, and the establishment, or purchase of an agency or rent roll. Issues covered include; consumer and business ethics; trade practice and fair trading acts; practice viability, profitability, risk management and professional indemnity. The unit will involve a substantive element of work experience; placements coordinated and supervised by QUT. 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.

Courses: CN52

Credit points: 12

Prerequisites: CNB183

Contact hours: 4 per week

■ CNB186 INVESTMENT VALUATION I

The unit will be structured to assist student learning across three component areas: the market; the profession; and the methods of valuation. This will be achieved through coverage of topics including: the character of the property market and market value; legal interests in property and property types; the valuation process; data collection; factors influencing value; report writing; professional practice; valuation methods; identification of land.

Courses: CN52

Prerequisites: CNB180

Corequisites: CNB184

Credit points: 12

Contact hours: 4 per week

■ 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

Credit points: 12

Prerequisites: CNB107

Contact hours: 5 per week

■ CNB202 BUILDING TECHNOLOGY 3

This unit consists of an integrated study of structural design principles and formwork design. The design component extends the basic design knowledge developed in Building Technology 1 into basic structural member design of timber, steel and concrete members. The emphasis is on approximate or "first order of magnitude" techniques suitable for estimating and temporary works. The behaviours of other structural systems such as trusses, retaining walls, cranes, shoring, scaffolding, slings and floating plant is investigated. The formwork design component of this unit examines the structural, quality and construction requirements for both single level and multi-level buildings. Issues considered include materials and components; surface finish; permanent formwork; basic structural design, cyclic requirements; and erection issues.

Courses: CN51

Credit points: 12

Prerequisites: CNB102

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

Credit points: 12

Prerequisites: CNB110

Contact hours: 5 per week

■ CNB205 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

■ 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 Prac-

tice. 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 & 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

■ CNB280 REAL ESTATE ACCOUNTING

The unit comprises: financial accounting: period versus project income determination, inventory valuation; costs of goods sold; asset valuation; depreciation, intangible asset determination, effects of depreciation and taxation; analysis of financial statements; analysis principles and valuation for business brokerage; business structures: sole trader, partnerships, companies and appropriate accounting procedures. Project accounting; contracts, part-payments, interim project determination, development costs.

Courses: CN52

Prerequisites: CNB185

Credit points: 12

Contact hours: 4 per week

■ CNB281 REAL ESTATE MARKETING STUDIES

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 as well as the marketing of freehold and leasehold residential, commercial and specialised real estate investment properties. *Footnote*: The property agency elements 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: CN52

Prerequisites: CNB183, CNB185

Credit points: 12

Contact hours: 4 per week

■ CNB282 BUILDING STUDIES 2

Develops the students' construction knowledge with reference to large commercial high-rise buildings. Lectures provide an overview of advanced construction tailored to the needs of the Property Economist. Content includes: material finishes, fit-outs, interior and exterior component finishes; project cost control, cost planning and estimating; the effect of height, shape and building efficiency upon cost and value; cost implication of construction methods; influence of site and market conditions; economics of prefabrication and industrialisation; value management and life cycle costing and an introduction to tax depreciation and tax effective design.

Courses: CN52

Prerequisites: CNB181

Credit points: 12

Contact hours: 4 per week

■ CNB283 LAW 2

This unit covers the 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 unit builds upon the student's previous law and professional practice units.

Courses: CN52

Prerequisites: CNB183, CNB185

Credit points: 12

Contact hours: 4 per week

■ CNB284 RURAL VALUATION

This unit examines the physical and economic factors effecting rural land and its development. Content includes: rural valuation and inspection methods; land utilisation and degradation; farm management and productivity; and other factors influencing the valuation of rural holdings. The unit comprises a blend of theory and practical experience culminating with a field trip from which practical assignments are derived.

Courses: CN52

Prerequisites: CNB186

Corequisites: CNB286

Credit points: 12

Contact hours: 4 per week plus 2 field trips over 2 Saturdays.

■ CNB285 LAND ADMINISTRATION AND SUSTAINABLE DEVELOPMENT

The unit examines issues concerning: land administration, cadastral surveys and land tenure; land resource management, ecology, regional land systems, coastal riverine development issues; environmental degradation, land contamination; heritage values, native title and management systems with an emphasis on sustainability.

Courses: CN52

Prerequisites: CNB183

Credit points: 12

Contact hours: 4 per week

■ CNB286 INVESTMENT VALUATION

This unit builds on CNB 186 Investment Valuation 1. The unit concentrates on the development of valuation methods appropriate for investment class real estate. Contents include: valuation formula; time value concepts; basic capitalisation and cash flow techniques; valuation of varying incomes; terminating incomes and of interest less than freehold. The unit adopts a practical approach to a range of real property valuation issues through lectures, tutorials and case studies.

Courses: CN52

Prerequisites: CNB186

Credit points: 12

Contact hours: 4 per week

■ 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. Sub-contractors and nominated sub-contractors, adjustment of provisional sums, variations, interim claims and certificates of payment, forms of security, bank guarantees and retention, counting of days, delays, extensions of time, liquidated and ascertained damages, prolongation costs, practical completion, completion, defects liability, warranties, collateral warranties, final accounts.

Courses: CN51, CN53

Credit points: 12

Contact hours: 3 per week

■ CNB303 CONSTRUCTION BUSINESS MANAGEMENT 2

The nature and scope of economics is studied which includes production, demand, supply, equilibrium and disequilibrium, theory of the firm, macroeconomic theory and the nature of the construction industry. Accounting theory and practice is introduced covering financial accounting (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

■ CNB304 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: 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 sub-contractors.

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 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 sub-contractors 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 & 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 introduced to the "Committed" computer simulation in which they make decisions relating to a construction management contract for a complex industrial project while monitoring profitability and time. In stage two the students advance to decisions 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

Credit points: 12

Contact hours: 4 per week

Prerequisites: CNB207

■ 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

Credit points: 12

Prerequisites: CNB206

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

Credit points: 12

Contact hours: 5 per week

Prerequisites: CNB204

■ CNB380 DEVELOPMENT STUDIES 1

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 constraints. Knowledge gained will be applied to a range of case studies across varying development sectors and scenarios.

Courses: CN52

Prerequisites: CNB186, CNB286

Credit points: 12

Contact hours: 4 per week

Corequisites: CNB381

■ CNB381 REAL ESTATE INVESTMENT ANALYSIS 1

Topics covered will include: 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 before and after-tax cash flow analysis involving NPV and IRR analysis; the modified internal rate of return approach; sensitivity and probability analysis; market analysis and real estate cycles; Modern Portfolio Theory; institutional property

investment; risk analysis and management; taxation and investment return.

Courses: CN52 **Prerequisites:** CNB186, CNB286
Credit points: 12 **Contact hours:** 4 per week

■ CNB382 STATUTORY & SPECIALIST VALUATION

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; mock court. Specialised valuation methods for: business assets; tangible, intangible and technical plant and machinery; licensed premises, hotels and resorts; regional shopping centres; terminable interests; transferable development rights; heritage listing; public sector and institutional investment valuation.

Courses: CN52
Prerequisites: CNB186, CNB286, CNB284
Credit points: 12 **Contact hours:** 4 per week

■ CNB383 RESEARCH METHODOLOGIES

The unit will allow the student to develop research and retrieval skills involving books, periodicals and electronic publications. Research methodologies and strategies, research statistical analysis, and presentation and dissertation writing will also be covered to improve research presentational skill.

Courses: CN52
Credit points: 12 **Contact hours:** 4 per week

■ CNB384 DEVELOPMENT STUDIES 2

The unit builds on the knowledge and experiences of CNB380 Developments Studies 1. Utilising case studies it seeks to refine the student's skills and open new development issues for clarification.

Courses: CN52 **Corequisites:** CNB385
Prerequisites: CNB380, CNB285, CNB381
Credit points: 12 **Contact hours:** 4 per week

■ CNB385 INVESTMENT ANALYSIS 2

The unit builds on the experiences and knowledge gained in previous valuation and analysis units, in particular Investment Analysis 1. It explores further the contemporary methods of real estate investment analysis, and challenges the student to question traditional analysis methods and their appropriateness in today's changing investment environment.

Courses: CN52
Prerequisites: CNB381 **Corequisites:** CNB384
Credit points: 12 **Contact hours:** 4 per week

■ CNB386 PROPERTY & ASSET MANAGEMENT

The unit provides a detailed insight into all aspects of property management, from residential through to 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. Particular attention is paid to issues concerning the physical, financial and legal management of real estate investments with a view to sustaining optimal investment returns.

Courses: CN52
Prerequisites: CNB183, CNB283, CNB185, CNB182, CNB282, CNB280, CNB186
Credit points: 12 **Contact hours:** 4 per week

■ CNB387 RESEARCH PROJECT

The student selects a real estate related topic (approved by an appointed supervisor) for research and dissertation writing. Note: Students who do not qualify to proceed to the research project phase choose a third elective in lieu of this unit. Student who are permitted to proceed may opt to take a third elective instead of the research project after consultation with the course coordinator.

Courses: CN52
Prerequisites: CNB383 (min. grade 5)
Credit points: 12 **Contact hours:** 4 per week

■ 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 log book 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 log book 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 make 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) type activities 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 manipulation; 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

Credit points: 4

Corequisites: CNB648

Contact hours: 2 per week

■ 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

■ CNP100 FUNDAMENTALS OF FACILITIES MANAGEMENT

The unit concentrates on strategic issues of organisations in relation to the identification, provision and management of property assets to support the core business delivery. Facilities management is regarded as an integral part of the overall business and can both contribute to and influence strategic decisions. Topics covered include definition, context and role of Facilities Management in organisations; corporate real estates as a business resource and asset; structuring and resourcing the Facilities Management set-up; benchmarking and performance measurements; and post occupancy evaluation.

Courses: IF91, IF92, CN75

Corequisites: GSN204

Credit points: 12

Contact hours: 3 per week

■ CNP101 FACILITIES SUPPORT SERVICES MANAGEMENT

The focus of this unit is an appreciation of the nature and scope of facilities support services to businesses. The assessment of support services demand the evaluation of an appropriate procurement strategy and its operational management. Topics covered include service demand evaluation, scope of support services, service level agreements, performance evaluation, contracting out of support service, procurement strategy and support services contract management.

Courses: IF91, IF92, CN75

Credit points: 12

Contact hours: 3 per week

■ CNP102 SPACE PLANNING & 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

■ 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 Mode

■ 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, with particular reference to the Asia-Pacific region.

Courses: CN64, CN77, CN81

Credit points: 12

Contact hours: Block mode

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

■ CNP546 STRATEGIC ASSET MANAGEMENT & MAINTENANCE

Strategic Asset Management and Property Maintenance is rapidly emerging as a discipline in which project managers are becoming increasingly involved. The unit stresses the importance of the role of physical assets as an enabling resource in organisations. The adoption of a proactive approach to the management of corporate built assets as part of whole-life asset management, covering life cycle considerations, functional and legal parameters, as well as essential support services.

Courses: CN64, CN77, CN81, IF92, CN75

Credit points: 12

Contact hours: 3 per week

Incompatible with: CNP403

■ 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

Credit points: 12

Prerequisites: CNP545

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

Campuses offered: GP

Credit points: 12

Semester offered: 1

■ CNP556 PROPERTY MANAGEMENT & CONTRACTS

Property contracts, especially leases, partial rights and purchase and sale; lease management, rent statements and accounting procedures, computer based property management programs, property typedifferentials, 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, performance evaluation of Australian listed property funds sector.

Courses: CN90, CN91, CN92 **Credit points:** 12
Campus offered: GP **Semester offered:** 2

■ COB005 SCIENTIFIC & TECHNICAL WRITING

The development of writing skills for scientists and technological professionals, based on a practical and theoretical understanding of scientific and technical discourse.

Courses: BS56, SC30
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: COB166 **Campus offered:** GP

■ COB010 COMMUNICATION FOR THE IT SPECIALIST

Students are introduced to, and instructed in, various forms of communication. These genres are explained to students and the role of each in the workplace made apparent. Students will be required to provide both written and spoken assessment items to test their ability to apply the materials from the course in a variety of situations. The unit is oriented exclusively towards the Information Technology specialist in terms of the examples, applications, and the skills developed are oriented toward this discipline.

Courses: IT21
Prerequisites: Successful completion of the first year of IT21, or 96 credit points of approved prior study
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: BSB118 **Campus offered:** GP

■ COB011 INTRODUCTION TO ACADEMIC WRITING

An introduction to academic writing, in particular, academic essays. The unit teaches students a variety of generic writing skills that can be used across all disciplines.

Credit points: 12 **Contact hours:** 3 per week
Incompatible with: COB003, COB004, COB008, COB009, COB010, COB217
Campus offered: CA, GP **Semester offered:** 2

■ COB172 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:** GP

■ COB173 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:** GP

■ COB204 COMMUNICATION TECHNOLOGY FOR ORGANISATIONS

Examines the process of adoption and implementation of new communication technologies within national and international business organisations. In particular, students will examine

the role of the new communication technologies in managing and changing communication relationships within and between organisations.

Courses: BS50, BS56, ED50, IF26, IF28, IF30, IF41, IF47, IF48

Prerequisites: BSB112; 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: COB118, COB123, COB171, COB209, COB221

Campus offered: GP

■ COB206 INDEPENDENT STUDY

An opportunity for advanced level undergraduate students to undertake individual research in an area which is complementary to their course work.

Courses: BS50, BS56
Prerequisites: Prior approval from the Head of School
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: COB161 **Campus offered:** GP

■ COB207 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
Prerequisites: BSB116, BSB117
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP

■ COB208 INTERCULTURAL COMMUNICATION & DIVERSITY

Promotes understanding of the implications of cultural diversity as it affects communication. This unit will assist students not only to manage diversity in workplace and commercial situations but also to understand and value the stimulus of diversity on our cultural forms and commercial enterprises. It will focus particularly on racial, ethnic, and gender based diversity.

Courses: BS50, BS56, IF26, IF28, IF30, IF41, IF47, IF48
Prerequisites: BSB117; or 48 credit points of approved prior study for non-Bachelor of Business students only
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP

■ COB212 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:** GP

■ COB213 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 **Contact hours:** 3 per week

Incompatible with: COB134, MJB180

Campus offered: CA, GP

■ COB214 SUPERVISED PROJECT

An individual research project investigating an approved aspect of communication technology within local business organisations.

Courses: ED50

Prerequisites: COB212

Credit points: 12

Contact hours: 3 per week

Incompatible with: COB128

Campus offered: GP

■ COB216 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

Contact hours: 3 per week

Incompatible with: COB113

Campus offered: CA, GP

■ COB217 WRITING FOR THE COMMUNICATION PROFESSIONS

Covers the theory and practice of academic and journalistic writing. The unit builds on students' intuitive understanding of how words work and equips them to work as writers and editors with a command of language structures and styles.

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

Contact hours: 3 per week

Incompatible with: COB138, MJB120

Campus offered: CA, GP

■ COB218 INTERNET COMMUNICATION

This unit addresses an important new area of communication and explores the way in which the Internet is changing communication practice. It examines the nature, history and social implications of the new technology, including ethical and legal issues and security. The impact of the Internet on consumer behaviour and how this translates into the marketing mix and marketing communications is analysed. Students will develop skills in strategic planning, creative strategy and design, media planning, research and campaign evaluation.

Courses: BS56

Prerequisites: BSB112 & BSB117, or 96 credit points of approved prior study

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ COB221 COMMUNICATION TECHNOLOGY

This unit examines the adoption and implementation of new communication technologies within organizations and their impact on communication practice and processes. In particular, you will examine the role of existing and emerging communication technologies in managing and changing relationships within and between organisations and stakeholders. You will also be introduced to strategies that will allow you to examine organisational change brought about by communication technologies.

Courses: BS56, IF26, IF28, IF30, IF41, IF47, IF48, IF61

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: COB204

Campus offered: GP

Semester offered: 1

■ COB222 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.

Courses: BS56, IF26, IF28, IF30, IF41, IF47, IF48, IF61

Prerequisites: BSB117 or 48 credit points of approved prior study for non-Bachelor of Business students

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

Semester offered: 2

■ COB223 AUDIENCE ANALYSIS

This unit examines one of the foundation elements of communication campaigns – audiences. The unit is founded on the theories and concepts of audience identification and selection; information processing; and processes of audience decision-making. From these concepts, students learn how to integrate message strategies and tactics into the communication needs of audiences.

Courses: BS56, IF26, IF28, IF30, IF41, IF47, IF48, IF71

Prerequisites: One of either COB308, COB325 or COB221; or 96 credit points of approved prior study for non-Business students

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

Semester offered: 1

■ COB300 ADVANCED ADVERTISING

An expansion and addition of theoretical perspectives and skills gained in the prerequisite units. Advanced Advertising challenges students to apply these perspectives to more demanding advertising problems and in the process develop portfolio material.

Courses: BS50, BS56

Prerequisites: COB305 & COB308; or COB317

Credit points: 12

Contact hours: 3 per week

Incompatible with: MKB127

Campus offered: GP

■ COB303 ADVERTISING CAMPAIGNS

In this capstone unit, students draw on the knowledge and skills gained during their study to plan and execute advertising campaigns. The subjects of these campaigns will be drawn from actual industry marketing situations.

Courses: BS50, BS56

Prerequisites: COB304 & COB306 & COB308 & COB309 & COB317; or COB306, COB334 and COB223

Credit points: 12

Contact hours: 3 per week

Incompatible with: MKB131

Campus offered: GP

■ COB304 ADVERTISING COPYWRITING

An important base for further study in advertising: students are introduced to the principles, theory, and practice relating to the creation of advertisements. The role of the copywriter in the advertising process is examined as is the relationship between 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 specialists.

Courses: BS50, BS56, IF26, IF28, IF30, IF41, IF47, IF48, IF62

Prerequisites: COB217 & COB308, or COB308 & COB222

Credit points: 12

Contact hours: 3 per week

Incompatible with: MKB118

Campus offered: GP

■ COB306 ADVERTISING MANAGEMENT

This unit takes the perspective of the Advertising Manager and addresses the issues in developing and managing a successful advertising campaign. In Advertising Management, students 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, globalisations and the client-agency relationship will be discussed.

Courses: BS50, BS56, IF26, IF28, IF30, IF41, IF47, IF48, IF62
Prerequisites: COB216 & COB304 & COB317

Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MKB126 **Campus offered:** GP

■ COB307 COMMUNICATION REGULATIONS & ETHICS

Introduces students to and familiarises them with the various laws, regulations, standards, and codes which apply to all forms of communication in Australia. Students will examine changing guidelines, contentious advertisements, topical claims and particular product and service categories.

Courses: BS50, BS56

Prerequisites: COB221 or COB308 or COB325

Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MKB122 **Campus offered:** GP

■ COB308 ADVERTISING THEORY & PRACTICE

An introduction to later units in the communication course, and is a prerequisite for further advertising units. It is also a useful elective unit for management and accounting students. The principles of advertising give students an overview of the advertising industry. The unit traverses the interrelationship of the institutions of advertising, the advertisers, the advertising agencies, and the media. It details methods of determining advertising budgets, establishing target audiences, interpreting audience ratings, and circulation figures, and enables students 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 today's society.

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 **Contact hours:** 3 per week
Incompatible with: MKB116 **Campus offered:** GP

■ COB311 COMMUNICATION PRACTICE: INTERPERSONAL & PRESENTATIONAL STRATEGIES

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 **Contact hours:** 3 per week
Incompatible with: COB158 **Campus offered:** GP

■ COB313 CONSULTING FOR THE COMM. SPECIALIST

Identifies and critically analyses organisational communication issues through planning a course of action; using research to monitor change; applying problem-solving skills. It is tailored for students who have completed most of the organisational communication major and is designed as an advanced level preparation for employment in the field. The student defines, analyses and makes recommendations to resolve a communication difficulty or problem that is relevant to an organisation. It requires that the student make pragmatic connections to a real issue.

Courses: BS50, BS56

Prerequisites: COB203 or COB334; & COB318

Credit points: 12 **Contact hours:** 3 per week

Incompatible with: COB100, COB102

Campus offered: GP

■ COB314 CORPORATE WRITING & EDITING

Deals with current principles and practices in writing corporate documents. Students will develop an understanding of language and style to allow them to make the sophisticated rhetorical choices necessary in professional writing and publishing. Topics covered include the content, style and presentation of corporate documents, reader considerations, and influences of new technology on corporate writing culture.

Courses: BS50, BS56, IF26, IF28, IF30, IF41, IF47, IF48, IF62

Prerequisites: COB217 or MJB120

Credit points: 12 **Contact hours:** 3 per week
Incompatible with: COB157 **Campus offered:** GP

■ COB315 DIRECT RESPONSE ADVERTISING

Builds upon the underlying philosophies and practice of direct marketing and the emergence of interactivity and database technology. A major focus will be on the creative aspects of direct response advertising including developing creative strategies, copywriting, planning campaigns and evaluating response. There is a considerable emphasis on practical work.

Courses: BS50, BS56

Prerequisites: COB304, & COB306, & COB317

Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MKB128 **Campus offered:** GP

■ COB317 MEDIA PLANNING

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 students 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, IF26, IF28, IF30, IF41, IF47, IF48, IF62
Prerequisites: COB308

Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MKB125 **Campus offered:** GP

■ COB318 ORGANISATIONAL COMMUNICATION

Identifies and explores a range of issues of importance in organisations: organisational culture, power and politics, influence strategies, organisational change, managing diversity, including issues of gender and intercultural communication, impact of technology, and ethics. Both traditional and critical perspectives on managing communication will be explored.

Courses: BS50, BS56, IF26, IF28, IF30, IF41, IF47, IF48, IF62

Prerequisites: COB216

Credit points: 12 **Contact hours:** 3 per week
Incompatible with: COB112 **Campus offered:** GP

■ COB320 PROFESSIONAL ADVERTISING PRACTICE

Places students in an industry environment where they are required to work in the four major areas of advertising: advertising management, production, creative and media planning. Students are required to write a report and relate their experience in an advertising agency to the course they have undertaken at QUT.

Courses: BS50, BS56

Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MKB106 **Campus offered:** GP

■ COB321 PROFESSIONAL PUBLIC RELATIONS PRACTICE

Students must undertake 160 hours of field expertise within a relevant public relations function in an organisation or consultancy. Seminars are conducted before and after the work experience to prepare the students for the work environment and to analyse the work experience. Students must contact the Course Co-ordinator before enrolling in this unit.

Courses: BS50, BS56
Prerequisites: COB324 or COB326 & COB329
Prerequisites: COB336
Credit points: 12
Incompatible with: MKB105

Contact hours: 3 per week
Campus offered: GP

■ COB323 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
Prerequisites: COB309 & COB324, or COB326, COB329, COB334 & COB223
Credit points: 12
Incompatible with: MKB117

Contact hours: 3 per week
Campus offered: GP

■ COB324 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, IF26, IF28, IF30, IF41, IF47, IF48, IF62
Prerequisites: COB203 or COB334; & COB327
Credit points: 12
Incompatible with: MKB133

Contact hours: 3 per week
Campus offered: GP

■ COB325 PUBLIC RELATIONS THEORY & PRACTICE

Introduces 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 are introduced to areas of specialisation including employee relations, corporate identity development, community relations, financial relations, media liaison and government relations.

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: MKB124

Contact hours: 3 per week
Campus offered: GP

■ COB326 PUBLIC RELATIONS WRITING

Develops students' abilities to plan, write and manage written and oral communication in the public relations context. It builds on earlier writing units to enable students to respond to specialist communication settings, media and audiences, increasing their ability to evaluate communication requirements and their flexibility in meeting these varying requirements. The unit offers a broad perspective on organising and developing writing functions in corporate settings, particularly with respect to corporate speechwriting and house newsletters and magazines, as well as providing the opportunity to advance public relations writing abilities.

Courses: BS50, BS56, IF26, IF28, IF30, IF41, IF47, IF48, IF62
Prerequisites: COB325
Credit points: 12

Contact hours: 3 per week
Incompatible with: MKB120

Campus offered: GP

■ COB327 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. Desktop publishing training is an adjunct to this unit, and is required for assignments.

Courses: BS50, BS56, IF26, IF30, IF41, IF47, IF48, IF62
Prerequisites: COB325 & COB329

Credit points: 12
Incompatible with: MKB123

Contact hours: 3 per week
Campus offered: GP

■ COB329 PUBLICITY METHODS

Focuses on the tools and methods public relations practitioners use to obtain publicity for their organisation or client. Students are taught to write media releases, media alerts and material for media kits for both print and electronic media. Integral to all elements of the unit is the identification of newsworthiness and how this differs for different audiences and media. The students work hands-on in tutorials with various scenarios. 'Real World' clients are used for student assessment.

Courses: BS50, BS56, IF26, IF28, IF30, IF41, IF47, IF48, IF62
Prerequisites: COB217 or COB325
Credit points: 12

Contact hours: 3 per week
Incompatible with: MKB129

Campus offered: GP

■ COB332 ISSUES IN PUBLISHING

The processes involved in book and magazine publishing; changing media habits and literacy skills of consumers; the impact of technology and business; strategic positioning; editorial concepts and steps in production.

Courses: BS50, BS56, BS72
Prerequisites: COB217; or PG enrolment
Credit points: 12

Contact hours: 3 per week
Incompatible with: COB109

Campus offered: GP

■ COB334 COMMUNICATION RESEARCH METHODS

The research methods dealt with include observation, group discussions, experimental studies, qualitative research and survey research. Special applications for communication research are considered and ethical issues discussed. Students will carry out projects using some of these methods, carry out elementary statistical procedures, analyse the results, and present their conclusions.

Courses: BS56, IF26, IF28, IF30, IF41, IF47, IF48, IF62
Prerequisites: COB216 or 96 credit points of approved prior study for non-Bachelor of Business students only
Credit points: 12

Contact hours: 3 per week
Incompatible with: COB159, COB203, MKB112, MGB220

Campus offered: GP
Semester offered: 2

■ COB335 COMMUNICATIONS STRATEGY & 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 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
Prerequisites: COB203 or COB334; & COB216
Credit points: 12

Contact hours: 3 per week
Incompatible with: COB310

Campus offered: GP

■ COB336 PUBLIC RELATIONS MANAGEMENT

The unit is comprised of two modules: the first provides insight to the communication management function within an organisation and how decisions about the use of various communications solutions are made. The second module focuses on the strategic management of the public relations function within organisations and draws on contemporary issues in public relations management including issues management, ethical and legal considerations in public relations practice and the role of public relations in organisational change.

Courses: BS56, IF26, IF28, IF30, IF41, IF47, IF48, IF62

Prerequisites: COB216; & COB329 or COB326
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: COB324
Campus offered: GP **Semester offered:** 1

■ **CON401 ADVANCED ORGANISATIONAL COMMUNICATION**

Organisational communication focuses on how people relate with each other in modern organisational settings, from small businesses to multi-national organisations in the public and private sector. Drawing together theories of communication as they apply to workplace settings, the unit provides the opportunity to analyse and reflect on the role of communication in constructing the conditions for achieving productivity for organisations and rewards for employee participation.

Courses: BS72, BS88, BS93 **Prerequisites:** PG only
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: CON102 **Campus offered:** GP

■ **CON404 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

■ **CON405 COMMUNICATION 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; plus 96 credit points of approved prior study
Credit points: 24 **Campus offered:** GP

■ **CON406 COMMUNICATION STRATEGIES**

Communication theory put into practice. Examples of policy and plans; how to produce the appropriate change through communication. The ethics of persuasion and the problems of co-operation explored in the process of policy formation and planning. Students take into account the social implications of producing change, the role of the change agent, and ways to monitor the effects in Australia as well as developing societies.

Courses: BS63, BS72, BS88, BS92, BS93
Prerequisites: PG only; with an UG degree in Communication or CON420
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: CON101 **Campus offered:** GP

■ **CON407 COMMUNICATION TECH. & GLOBAL NETWORKS**

Examines the technical principles and organisational features of contemporary and emerging communication technologies, and specifically focuses on global networks used for interpersonal and inter-organisational purposes within national and international communities. Theories of planned and unplanned change are applied to assess the social and economic impact of these technologies. Among the topics to be addressed are information society, participatory forms of social change, the integration of interactive media through the global transmission of data in digital form, and the organisational applications of high-definition video.

Courses: BS63, BS72, BS88, BS92, BS93
Prerequisites: PG only

Credit points: 12 **Contact hours:** 3 per week
Incompatible with: COP108 **Campus offered:** GP

■ **CON408 CRISIS COMMUNICATION**

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 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 **Prerequisites:** PG only
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP

■ **CON409 FINANCIAL COMMUNICATION**

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
Campus offered: GP

■ **CON410 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 constraints 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 **Contact hours:** 3 per week
Incompatible with: COB205, COB213
Campus offered: GP

■ **CON411 INDEPENDENT STUDY**

An opportunity for advanced level postgraduate students to undertake individual research in an area which is complementary to their course work.

Courses: BS72, BS88, BS93 **Credit points:** 12
Prerequisites: PG only; plus prior approval from the Head of School
Incompatible with: COP111 **Campus offered:** GP

■ **CON412 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
Campus offered: GP

■ **CON413 ISSUES IN INTERCULTURAL COMMUNICATION**

Addresses issues which are related to: culture as a determinant of human behaviour (stereotypes, typifications and human uniqueness); the dynamics of intercultural contact for interpersonal cooperation and/or competition; the implications of cultural diversity for societal enrichment or disintegration; the consequences for self identity in an interconnected world.

Courses: BS72, BS88, BS93 **Prerequisites:** PG only
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: COB107 **Campus offered:** GP

■ CON414 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
Campus offered: GP

■ CON415 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
Campus offered: GP

■ CON416 READINGS IN COMMUNICATION

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 4 000 to 5 000 words at the end of semester.

Courses: BS93
Prerequisites: PG only; plus CON409 or CON413 or CON418
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP

■ CON417 SEMINAR IN 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 **Prerequisites:** PG only
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP

■ CON418 SEMINAR IN 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
Campus offered: GP

■ CON419 STRATEGIES FOR CREATIVE ADVERTISING

Examines the implications arising from current theories of creative advertising. It requires students to develop an advanced 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

Campus offered: GP

■ CON420 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 **Contact hours:** 3 per week
Incompatible with: COB113, COB216
Campus offered: GP

■ CON421 SEMINAR IN INTEGRATED MARKETING COMM.

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
Prerequisites: PG only; plus 48 credit points of approved prior study
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP

■ CON423 CORPORATE WRITING

Covers current principles and practices in writing and designing corporate communication. Students will develop an understanding of language and style to allow them to make the rhetorical choices necessary in corporate writing and publishing and speech preparation. The unit develops students' abilities to understand and write effectively for different internal and external audiences and occasions, and to work productively with clients.

Courses: BS72, BS88, BS93
Prerequisites: PG only; plus CON404
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP

■ CON424 PUBLIC RELATIONS METHODS

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: COB329 **Campus offered:** GP

■ CON425 CORPORATE IDENTITY MANAGEMENT

This unit is designed to introduce students to corporate identity management issues. The historical development of the concepts of corporate identity, corporate image and corporate reputation are dealt with, and the various schools of thought on corporate identity are introduced. The concept of the corporate identity mix is also presented. Types of identities, changes in identity and managing and evaluating corporate identity programs are discussed. Students learn the skill of conducting behavioural, visual and communication audits. The integration of corporate identity into the communication mix is also treated, with equal emphasis on internal and external stakeholders.

Courses: BS88, BS93, GS80, GS81 **Prerequisites:** PG only
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP

■ CON426 DIGITAL BUSINESS STRATEGY

This unit provides students with the conceptual tools needed to make strategic decisions in the digital era. The emphasis is entirely non-technical, and draws on multi-disciplinary perspectives. The unit introduces sociological analysis of the idea of a post-industrial society with reference to long-wave economic theory. From this basis, a critical assessment is made of the impact of new information and communication technologies. Individual and social issues such as surveillance, privacy, the erosion of community and unemployment are discussed. Building on this broad social perspective, implications for business are examined. The impact on business organisations, structures and communication, as well as the process of consumption, marketing and advertising are discussed. Students are provided with the conceptual tools to understand the complex system change engendered by this new technological paradigm.

Courses: BS30, GS10, GS11, GS13, GS80, GS85, GS86, GS87, GS90, GS91, GS92

Prerequisites: PG only

Credit points: 6

Contact hours: 3 per week

Campus offered: GP

Semester offered: 1,2

■ CON500 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

Prerequisites: PG only

Credit points: 12

Contact hours: 3 per week

Incompatible with: BSN102

Campus offered: GP

■ CPL532 BIBLIOGRAPHIC ORGANISATION

Library systems for the organisation of information; development of effective, user-friendly catalogues, with automation where appropriate; study of SCIS [Schools Catalogue Information Service]/AACR [Anglo-American Cataloguing Rules] cataloguing guidelines, SCIS subject headings, and Dewey Decimal Classification; study of indexing and other bibliographic helps to accessing information in books and other library holdings.

Courses: ED25

Credit points: 12

■ 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

■ EAB324 INTEGRATING YOUNG CHILDREN WITH SPECIAL NEEDS INTO EARLY CHILDHOOD PROGRAMS

Integrated approach to teaching children with disabilities through an effective and co-operative team approach of teachers, families and support personnel; philosophical and policy issues for the least restrictive early education for young children with disabilities; range and nature of disabilities early childhood teachers may encounter in practice; development, implementation and evaluation of individualised programs; teaching strategies for integration into regular programs; needs and concerns of families; range of support services available to families and teachers.

Courses: ED53, ED20

Credit points: 12

Contact hours: 3 per week

■ EAB333 EARLY CHILDHOOD EDUCATION: COMMUNITY CONTEXT

Education and change in a postmodern 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

■ EAB334 EARLY CHILDHOOD FOUNDATIONS A

Provides the theoretical and applied knowledge basis for the selection and organisation of appropriate learning situations for young children in a range of early childhood contexts and settings.

Courses: ED53

Credit points: 12

Contact hours: 3 per week

■ 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

■ EAB336 EARLY CHILDHOOD FOUNDATIONS B

Provides the theoretical and applied knowledge basis for the selection and organisation of appropriate learning situations in a range of educational contexts and settings, and for working with parents and other adults in a range of situations.

Courses: ED53

Credit points: 12

Contact hours: 3 per week

■ EAB337 INTEGRATED EARLY CHILDHOOD CURRICULUM

Current practices in Australian early childhood settings, understood within philosophical and historical perspectives; examination of key ideas informing the holistic curriculum approaches of the field; theories and practices associated with play; the celebration of difference with particular attention given to practices which are responsive to the values and needs of Aboriginal and Torres Strait Islanders; personalised teaching and learning; in-depth study of the knowledge base of the early childhood teacher practitioner; critical analysis of approaches to designing curriculum for the expanding range of services for young children and families in Australia.

Courses: ED53

Credit points: 12

Contact hours: 3 per week

■ EAB340 PROGRAMS FOR INFANTS & TODDLERS

Ideas and beliefs which underpin practices and theories in relation to children under three years of age; exploration of societal attitudes in relation to young children, historically and currently; foundations and functioning of programs for infants and toddlers; examination of Australian and overseas models; government regulations for under three's programs; changing attitudes and trends in relation to parental involvement in education.

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, ED52, 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, ED52, 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, ED52, 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, ED52, 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, ED52

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

Campus offered: KG

Contact hours: 3 per week

■ **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

Campus offered: KG

Contact hours: 3 per week

■ **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

Campus offered: KG

Contact hours: 3 per week

■ **EAB363 CREATING CURRICULUM WITH YOUNG CHILDREN**

The concept of curriculum in early childhood education evokes much discussion and debate. In this unit more encompassing concepts of curriculum for young children will be considered in the light of theories and research which suggest that children construct their own knowledge. Ways in which teachers and children can work together in creating a curriculum that is meaningful to children while meeting the expectations of parents and society in relation to child care, kindergarten/preschool and lower primary settings will be considered. Practical strategies for setting up supportive learning environments and methods for evaluating teaching and learning will be included.

Courses: ED52

Campus offered: KG

Credit points: 12

■ **EAB410 EARLY EDUCATION: DECIDING THE CURRICULUM**

Features of curriculum decision making in child care centres, kindergartens, first years of school; focus on processes used to create curriculum that is responsive to young children's abilities and family aspirations; issues associated with multi-age grouping, play, parent partnerships, child study and shared ownership in learning; investigation of current practices and reflection on personal professional knowledge.

Courses: ED20, ED26

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

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, 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

■ **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 EARLY CHILDHOOD FOUNDATIONS 1**

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 EARLY CHILDHOOD FOUNDATIONS 2**

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 EARLY CHILDHOOD FOUNDATIONS 3**

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: ED43, ED52, 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 **Corequisites:** EAB444
Prerequisites: EAB442, EAB443, 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 & 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 & 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 & 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

■ EAP613 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

Incompatible with: EAP528

Credit points: 12

■ EAP534 CURRICULUM IN EARLY CHILDHOOD 1

The development of problem solving, explanation, investigation, self-expression, originality, divergent thinking and risk-taking in young children in relation to communication, movement, the expressive arts, mathematics, science, social studies and health curriculum; approaches and suitable materials for these curriculum areas within various early childhood settings; analysis of teaching strategies.

Courses: ED20

Incompatible with: EAP529

Credit points: 12

■ 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

Credit points: 12

Corequisites: EAP534
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

Credit points: 12

Prerequisites: EAP534, EAP535

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

Incompatible with: EAP530

Credit points: 12

■ EAP538 RESEARCH IN EARLY CHILDHOOD

Examination of the research literature in development and learning; research techniques in early childhood; and their application; application of research techniques to research proposals; experimental research in one aspect of development and learning of children aged three to eight years; contributions to early childhood research from other fields.

Courses: ED20

Incompatible with: EAP531

Credit points: 12

■ EAP539 TRANSACTIONS IN EARLY CHILDHOOD EDUCATION

Examination of the implications of social, cultural and geographical factors for early childhood education; consideration of the effects of technology and media, and ethical and legal obligations; analysis of procedures and techniques for case studies; formulating a personal philosophical statement.

Courses: ED20, ED23

Incompatible with: EAP532

Credit points: 12

■ 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

■ 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 selected designs and methods with a view to producing an initial research proposal.

Courses: ED13, ED11, ED12

Prerequisites: EDN611 or equivalent, or permission of course 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

■ 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

■ EDP601 THE REFLECTIVE PRACTITIONER IN HIGHER EDUCATION

Develops critical, reflective and proficient tertiary educators with a commitment to learning as a lifelong process; begins with and extends the various experiences which the participants bring with them.

Courses: ED61

Credit points: 12

Contact hours: 3 per week

■ EDP602 FLEXIBLE LEARNING & TEACHING IN HIGHER EDUCATION

The theory and practice of teaching adults; the appropriateness of particular approaches to the needs, interests and learning styles of adult audiences; involves the application of theoretical perspectives to the practice of teaching adults in varied higher education and contexts.

Courses: ED61

Credit points: 12

Contact hours: 3 per week

■ EDP603 HIGHER EDUCATION IN AUSTRALIA: ISSUES & CONTEXTS

History of higher education in Australia; current structure and funding of higher education in Australia; major stakeholders and key institutional interfaces; professional associations, TAFE, secondary education, industry, student groups, government.

Courses: ED61

Credit points: 12

Contact hours: 3 per week

■ EDP604 PROGRAM DESIGN & EVALUATION IN HIGHER EDUCATION

Identifies and describes the major theoretical underpinning of educational planning and evaluation; traces the historical shifts within the practice of course design and evaluation; demonstrates skills in evaluation and subsequent planning for course

integration; and demonstrates skills in critical analysis of evaluation designs and procedures.

Courses: ED61

Credit points: 12

Contact hours: 3 per week

■ 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

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

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

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 electro-mechanical 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

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

Prerequisites: EEB212 or EEB213

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

Prerequisites: MAB132

Credit points: 12

Contact hours: 4 per week

■ EEB411 CLASSICAL CONTROL & POWER ELECTRONICS

The unit is a core unit with the modules Control Systems A

and Introduction to 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 rectification, controlled rectification, inverters, AC and DC drives, uninterrupted power supplies, power switching components.

Courses: EE41

Prerequisites: EEB311

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

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

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

Prerequisites: EEB340, MAB134

Corequisites: MAB135

Credit points: 12

Contact hours: 4 per week

■ EEB511 MODERN CONTROL & POWER GENERATION

The unit comprises the modules Control Systems B and Power Generation. Control Systems B introduces students to discrete-time control by extending the conventional control into the discrete-time domain. The state model oriented approach for designing control systems is also introduced. In Power Generation, a basis in electrical energy conversion with sufficient practical exposure is provided such that students are able to cope with real world applications upon graduation.

Courses: EE41

Prerequisites: EEB411

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 are developed. Students will also study the theory and design of advanced embedded digital systems and practical implementation. The practical application of these circuits including interfacing and environment factors will be considered.

Courses: EE41

Prerequisites: EEB412

Credit points: 12

Contact hours: 4 per week

■ EEB521 DIGITAL SYSTEMS & 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

■ 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

Credit points: 12

Prerequisites: EEB412, EEB435

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

Credit points: 12

Prerequisites: EEB440

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

Credit points: 12

Prerequisites: EEB412

Contact hours: 1 per week

■ EEB585 AEROSPACE SYSTEMS DESIGN

This is the first of three aerospace engineering design units for the course. Aerospace design is always carried out in teams and the design is done according to a strict industry-standard systems engineering methodology. In this unit the students will be taught the design methodology itself and will work as a team in order to undertake preliminary design work such as a feasibility study. The design exercise may be associated with one of the school's aerospace projects. Students are expected to participate in review presentations and to prepare formal design reports.

Courses: EE48

Credit points: 12

Contact hours: 1 per week

■ 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

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

Credit points: 12

Prerequisites: EEB440, MAB135

Contact hours: 4 per week

■ 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

Credit points: 12

Prerequisites: MAB135

Contact hours: 4 per week

Campus offered: GP

■ EEB650 POWER SYSTEMS ANALYSIS

The unit covers economic dispatch, power system control, power system analysis, power system reliability, harmonic analysis of power systems, and power system stability. The unit will provide a greater depth of study above the basic level in the operation of electrical power systems. The unit also prepares students for advanced postgraduate studies in power system operation.

Courses: EE41, EE42

Credit points: 12

Prerequisites: EEB511

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

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

Credit points: 12

Prerequisites: EEB585

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

Credit points: 12

Prerequisites: EEB560, EEB641

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. Per-

sonnel management skills are developed including assertion training, interpersonal relationships, organisational change, professional ethics and negotiation.

Courses: EE41, EE42, EE48, IF59 **Prerequisites:** BNB007
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: Unit must be done in final year of course.

Credit points: 24 **Contact hours:** 1 per week

■ EEB831 MILITARY COMBAT ELECTRONICS

Sound generation propagation and analysis in the military environment; principles and application of lasers to sighting and guidance systems; principles of detection of submarines using magnetometers; infra red propagation and its use in detection and weapons guidance. ECM/ECCM, Sonar Processing, Laser Processing and Guidance, Radar Guidance/Sighting, Gun Sights, Weapons Control Systems, IFF/Transponders, Command and Control, Magnetic Anomaly Detection, Tactical Navigation Systems, Infra Red. Some ethical, social and moral aspects concerning military systems will be discussed.

Courses: EE48

Prerequisites: EEB435, EEB560, EEB640, EEB641

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

■ 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

■ 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

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 3 modules drawn from 6 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 **Campus offered:** GP

Credit points: 12 **Contact hours:** 4 per week

■ 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

Campus offered: GP

Credit points: 12

Contact hours: 4 per week

■ EEB960 WIRELESS COMMUNICATIONS

Cellular Mobile Radio System Concepts, Mobile Radio Propagation, Spread spectrum techniques and CDMA, Speech coding modulation and channel coding techniques for GSM and CDMA, Fading mitigation through diversity, Inter-symbol interference mitigation, the GSM and CDMA standards.

The WAP and the GPRS, Introductions to UMTS/IMT2000, Introduction to personal communications, Introduction to blue tooth technology, Other wireless systems including Wireless LAN, Wireless Local loop, Microwave local multipoint distribution systems (LMDS) and LEO satellite communication.

Courses: EEB41, EEB42, EEB48, IF21, IF28, IF59

Prerequisites: EEB560

Campus offered: GP

Credit points: 12

Contact hours: 4 per week

■ 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

Campus offered: GP

Credit points: 12

Contact hours: 4 per week

■ **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, 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

Campus offered: GP

Credit points: 12

Contact hours: 4 per week

■ **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, IF50

Prerequisites: EEB412

Campus offered: GP

Credit points: 12

Contact hours: 3 per week

■ **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

■ **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, modu-

lar 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 devices and their applications in communications.

Courses: EE76

Credit points: 12

Contact hours: 3 per week

■ **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 interpret 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 & 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

■ 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

■ 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

■ 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

■ 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 trans-

mission and distribution systems using an interactive package.

Courses: EE60, EE78, EE82

Credit points: 4

Incompatible with: 1, 2, SP

Contact hours: 3 per week

Campus offered: GP

■ 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

Credit points: 4

Prerequisites: EEP204

Contact hours: 3 per week

■ 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

■ EEP207 OVERHEAD LINE ROUTE SELECTION – ENVIRONMENTAL FACTORS

Overview of legislation, standards and guides: radio interference, electromagnetic fields, low frequency induction, touch potentials, structure earthing, electrolytic corrosion, clearances, land legislation, environmental impact statements. Current safety and environmental issues. Requirements of other public utilities – telcos, railways, roadworks, marine, water, gas, oil. Cost of environmental enhancements and alternative technologies. Right of way. Route selection principles: structure types, terrain shielding, identification of natural and man-made features.

Courses: EE60, EE78, EE82

Credit points: 4

Contact hours: 3 per week

■ 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

■ 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 con-

trol: 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

■ 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

■ 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 – electro-mechanical 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 protection 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

■ EEP212 ADVANCED POWER SYSTEM PROTECTION

High impedance protection of power system plant (busbars, motors, generators, reactors and capacitors) 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

■ EEP213 STATISTICS

The role of statistics in electricity supply engineering. Strategies for collecting and recording valid data from which statistical inferences can be made; use of operational and inventory

data. Graphical and numerical techniques to summarise data using statistical or spreadsheet packages. Review of probability concepts, random variables, probability distributions. Specific distributions used in system and component reliability studies.

Courses: EE60, EE78, EE82 **Contact hours:** 3 per week
Credit points: 4

■ 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

■ 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-con stant 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

■ 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

■ EEP217 OVERHEAD LINE DESIGN – MECHANICAL

Conductor selection. Catenary theory. Sag-tension-temperature calculations. Requirements for survey data. Statutory and enterprise requirements for line layout: clearances, mechanical loading, safety criteria. Definition of loading conditions, structure capacities, layout clearances. Applied mechanics of strung conductors. Determination of everyday tensions from allowable stress or tension/mass ratio. Determination of vibration protection. Transmission line estimating techniques. Selection of structure type based on optimum capitalised costs. Line layout.

Courses: EE60, EE78, EE82 **Prerequisites:** EEP208, EEP216
Credit points: 4 **Contact hours:** 3 per week

■ 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

■ 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 quad-boost regulators; series and shunt reactors; reactors for harmonic filters; SVCs: design considerations, equipment characteristics and equipment characteristics.

Courses: EE60, EE78, EE82

Credit points: 4

Prerequisites: EEP203

Contact hours: 3 per week

■ EEP220 DISTRIBUTION PLANNING

Identify data and techniques used in load forecasting. Examine typical distribution network problems and identify performance limitations based on standards. Relate network problems to different configurations and the effects on customers. Study network reinforcement options on a simulation package. Options include regulators, series and shunt capacitors and reconductoring. Consider the above options to address a realistic network problem assessing line losses and voltage results. Analyse network reliability and assess the impact of ties, switches and various network configurations. Compare alternatives based on economic and technical considerations. Prepare a logical case which recommends one option in the form of a report.

Courses: EE60, EE78, EE82

Prerequisites: EEP208, EEP211, EEP219

Credit points: 4

Contact hours: 3 per week

■ 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 operation, 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, 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

■ 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 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, 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

■ 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

■ 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

■ EEP230 THESIS A

Students work in industry for 100 days of supervised practice. As part of this practical training, one or more linked top-

ics 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

■ 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

■ 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

■ 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; pre-tender 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

■ 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

■ 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

■ EEP246 CUSTOMER METERING

Tariff structures network & retail. Metered parameters kW, kWh, var, varh, VA, VAh, power factor, demand and the inter-relationships between them. Electronic metering multifunction, measurement methods, advantages & limitations. HV metering, import/export metering, limitations, Blondel's theorem, safety aspects. Current and voltage trans-

formers—theory of operation and accuracy limitations. Metering in the deregulated market viz Ch7 National Electricity Code. Single & polyphase electromechanical metering—method of operation and techniques used to measure reactive power. Electronic registers, summation registers and other techniques for customers with multiple points of supply. Communication methods in remote meter reading. Standards and regulatory bodies—Aust. and international.

Courses: EE82, EE60, EE78

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 **Semester offered:** 1, 2, SP **Contact hours:** 3 per week

■ 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

■ EFB002 FINANCIAL MANAGEMENT FOR ENGINEERS

Introduction to the theory and practice of financial management in Australia; the nature of business finance and firm objectives; business structures, debt and the organisation of the Australian capital markets; NPV calculations; project evaluation.

Courses: EE43, ME45, ME46, ME47

Credit points: 8 **Contact hours:** 2 per week

Incompatible with: FNB116 **Campus offered:** GP

■ EFB101 DATA ANALYSIS FOR BUSINESS

Introduces students to the basic tools for the analysis of cross sectional and time series data. The major topics covered are a discussion of key features of published data, the calculation and meaning of descriptive measures of data, the concept of sampling, sampling error and sampling distributions, hypothesis testing and regression analysis, time series analysis and price indices.

Courses: BS50, BS56, ED50, IF28, IF30, IF37, IF41, IF47, IF48, IF56, IF62, IF72

Prerequisites: There is no formal prerequisite for this unit. Nevertheless, students are advised that it is essential to be competent in algebra before attempting EFB101.

Credit points: 12 **Contact hours:** 3 per week

Incompatible with: EPB109, EPB110, MAB101, MAB347 **Campus offered:** GP

■ EFB102 ECONOMICS 2

Consumer behaviour, the role of the government in market intervention and 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, IF72

Prerequisites: BSB113

Credit points: 12 **Contact hours:** 3 per week

Incompatible with: EPB116 & EPB172; EPB140 & EPB150 if both have been passed; EFB103 & EFB104 if both have been passed **Campus offered:** GP

■ 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

Prerequisites: EFB101 or MAB101

Credit points: 12 **Contact hours:** 3 per week

Incompatible with: EPB102 **Campus offered:** GP

■ 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 Corporate Finance or EFB210 Finance 1. 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

■ 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

■ 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

■ 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

■ EFB211 FIRMS, MARKETS & RESOURCES

The unit refines and extends introductory microeconomic principles and 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: BS50, BS56, ED50, IF28, IF30, IF41, IF47, IF48, IF60, IF62, IF72

Prerequisites: EFB102 or EFB104

Credit points: 12

Contact hours: 3 per week

Incompatible with: EPB151, EPB152

Campus offered: GP

■ EFB220 INTERNATIONAL STUDIES PROGRAM

The program is an introduction to the international economy and global financial markets. It enables a comparative analysis of the Australian economy and financial markets with those of the markets in Asia, Europe and North America. Students will combine a block teaching period at QUT with a formal presentation program offshore before embarking on a structured three week international visitation program to major financial centres in Europe and North America. Students will have the opportunity to engage first hand with leading economic and financial professionals and institutions. Protocol Requirements will be an essential component of the program.

Courses: BS56

Prerequisites: EFB102

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ EFB221 ECON. OF SOCIAL & ANTI-SOCIAL BEHAVIOUR

This unit is concerned with an application of the tools of economics to analyse social issues that are both important and interesting. The unit is designed to illustrate the application of the discipline of economics to topics that may popularly be thought of as "non-economic" in nature. Topics will necessarily change over time but might include such issues as: environmental concerns, income and wealth inequality, family formation and structure, the entertainment industry, health, education, prostitution, drugs, crime, gambling, and discrimination. The central theme of this unit is that, since Economics deals with the implications of scarcity, human wants and choices, it may be usefully applied to a wide spectrum of issues confronting modern society. Attention is given to both positive and normative economic analyses. Issues discussed will be analysed by applying and extending the fundamental economic theory introduced in the first year unit, BSB113.

Courses: BS56

Prerequisites: BSB113

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ EFB307 FINANCE 2

Theoretical development of the capital structure of firms and practical issues relating to debt and equity finance. Firm valuation and takeovers. The CAPM model, its practical application and its relationship to efficient market hypothesis. Introduction to futures, options and risk management using financial derivatives.

Courses: BS50, BS56, IF28, IF30, IF37, IF41, IF47, IF48, IF60, IF62

Prerequisites: EFB210

Credit points: 12

Contact hours: 3 per week

Incompatible with: FNB112

Campus offered: GP

■ EFB308 FINANCE 3

A study of contemporary finance research; event research; beta estimation; valuation theory; use of finance research tools; anomalies and extension of finance theories; students are required to complete a research project combining theory and practice.

Courses: BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF60, IF62

Prerequisites: EFB307

Credit points: 12

Contact hours: 3 per week

Incompatible with: FNB113

Campus offered: GP

■ 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

■ 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

■ 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

■ 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

■ 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 and EFB211 and EFB202

Credit points: 12

Contact hours: 3 per week

Incompatible with: EPB130, EPB132, EFB212

Campus offered: GP

■ 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: EFB207

Credit points: 12

Contact hours: 3 per week

Incompatible with: FNB126

Campus offered: GP

■ **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 macroeconomy 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: BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF60

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, focussing 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, intertemporal preferences, Fisher's separation theorem, Hotelling's rule, game theory, demand for capital, and the economics of information technology.

Courses: BS56, IF26, IF28, IF30, IF41, IF47, IF48, IF60

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

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

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, IF28, IF30, IF41, IF47, IF48, IF60

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

■ **EFN404 ENVIRONMENTAL ECONOMICS & POLICY**

Environmental economics is concerned with the interaction between economic systems and the natural environment. Fundamental issues are sustainable economic development, the economic cost to future generations of potential degradation of the environment, the proper definition of property rights, the economics of pollution and the depletion of non-renewable resource stocks. This unit provides a comprehensive analysis and critique of the role played by environmental economics in the formulation of contemporary environmental policy in Australia and globally.

Courses: BS30, BS96, BS98, GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92, IF64

Prerequisites: PG only

Credit points: 12

Contact hours: 3 per week

Incompatible with: EPN115, EFB209

■ **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

■ **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, BS96, BS98, GS70, IF64

Prerequisites: PG only

Credit points: 12

Contact hours: 3 per week

Incompatible with: FNN102

Campus offered: GP

■ EFN410 ECONOMIC & FINANCIAL MODELLING

Introduces students to the modelling techniques which are frequently used in a business and financial environment. Modelling is used as an aid to decision-making, as a means of forecasting important variables and as a planning and analysis tool. Various modelling exercises are used to illustrate the use of these modelling techniques in an economic and financial context.

Courses: BS70, BS93, BS94, IF64

Prerequisites: PG only

Contact hours: 3 per week

Incompatible with: AYN419, EFN503, FNN103

Campus offered: GP

■ 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 in the latter part of this course, namely leasing, working capital management, risk management and takeovers.

Courses: BS96, BS98, GS10, GS11, GS85, GS86, GS90,

GS91

Prerequisites: PG only; plus EFN406

Contact hours: 3 per week

Credit points: 12

Campus offered: GP

■ 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: BS96, BS98

Prerequisites: PG only

Contact hours: 3 per week

Credit points: 12

Campus offered: GP

■ 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, 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

■ 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 analysis; 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, BS96, BS98, GS10, GS11, GS85, GS86, GS90, GS91

Prerequisites: PG only; plus EFN406

Credit points: 12

Contact hours: 3 per week

Incompatible with: EFB318, EFN408

Campus offered: GP

■ 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: BS70, BS94, BS96, BS98, GS80, GS81

Prerequisites: PG only; with an U/G degree in Economics or Finance plus EFN406

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ 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: BS93, GS10, GS11, GS85, GS86, GS90, GS91

Prerequisites: PG only

Contact hours: 3 per week

Incompatible with: Cannot be undertaken after EFN414

Campus offered: GP

■ 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

■ 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

■ EFN502 DEVELOPMENTS IN MICROECONOMIC THEORIES

Discussion of refinements in microeconomic theory such as hedonic pricing models, invalid preference theory, contestable market theory, theories of regulation, strategic entry deterrence, networks and vertical integration theories, and public utility theories are considered in this unit. It explores refinements in microeconomic theory which have contemporary use in the development of government policies in areas such as the environment, energy, public enterprises, industrial development, transport and telecommunications.

Courses: BS70, 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

■ 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 basic 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

■ EFN505 FINANCIAL RISK MANAGEMENT

An advanced postgraduate finance unit that covers four areas of risk management: portfolio, interest rate risk, exchange risk and insurance. Topics include portfolio theory, performance evaluation, benchmark problems, hedging, portfolio insurance, interest rate risk, duration, immunisation; managing exchange risk, diversification; insurance, risk management, risk reduction, traditional and self-insurance. Background material will be based on contemporary empirical research.

Courses: BS63, BS70, BS92, BS94, BS98, IF64

Prerequisites: PG only; EFN415 or equivalent (eg 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

■ 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

■ 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: BS70, 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

■ 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 emphasise 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: PG only; plus GSN405 or 48 credit points from Core of GS70, GS80 or GS81

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: PG only; plus an undergraduate degree in business, commerce or economics; or 48cp from the core of GS81

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

Semester offered: 1,2

■ 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: GS10, GS11, GS12, GS13, BS30, GS85, GS86, GS87, GS90, GS91, GS92, GS93

Prerequisites: PG only; Must be taken in first semester of study

Credit points: 6

Contact hours: 3 per week

Incompatible with: MGN409, GSN204

Campus offered: GP

Semester offered: 1,2,SP

■ 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 which 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, GS10, GS11, GS12, GS13, GS85, GS86, GS87, GS90, GS91, GS92, GS93

Prerequisites: PG only; 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,SP

■ 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, GS10, GS11, GS12, GS13, GS85, GS86, GS87, GS90, GS91, GS92, GS93

Prerequisites: PG only; 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,SP

■ GSN404 FINANCIAL STATEMENTS ANALYSIS I

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, GS10, GS11, GS12, GS13, GS85, GS86, GS87, GS90, GS91, GS92, GS93

Prerequisites: PG only

Credit points: 6 **Contact hours:** 3 per week

Incompatible with: GSN202, AYN416

Campus offered: GP **Semester offered:** 1,2,SP

■ 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, GS10, GS11, GS12, GS13, GS85, GS86, GS87, GS90, GS91, GS92, GS93

Prerequisites: PG only; plus GSN401

Credit points: 6 **Contact hours:** 3 per week

Campus offered: GP **Semester offered:** 1,2,SP

■ 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, GS10, GS11, GS12, GS13, GS85, GS86, GS87, GS90, GS91, GS92, GS93

Prerequisites: PG only; plus GSN401, GSN405 & GSN409

Credit points: 6 **Contact hours:** 3 per week

Campus offered: GP

■ GSN407 PROFESSIONAL COMMUNICATION 1

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 peaking 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, GS10, GS11, GS12, GS13, GS85, GS86, GS87, GS90, GS91, GS92, GS93

Prerequisites: PG only

Credit points: 6

Contact hours: 3 per week

Incompatible with: CON404

Campus offered: GP

■ 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, GS10, GS11, GS12, GS13, GS85, GS86, GS87, GS90, GS91, GS92, GS93

Prerequisites: PG only

Credit points: 6

Contact hours: 3 per week

Incompatible with: GSN206

Campus offered: GP

■ 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, GS10, GS11, GS12, GS13, GS85, GS86, GS87, GS90, GS91, GS92, GS93

Prerequisites: PG only; plus GSN401

Credit points: 6

Contact hours: 3 per week

Incompatible with: MGN412

Campus offered: GP

■ GSN410 ENTREPRENEURSHIP 1

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, GS10, GS11, GS12, GS13, GS85, GS86, GS87, GS90, GS91, GS92, GS93

Prerequisites: PG only

Credit points: 6

Contact hours: 3 per week

Incompatible with: GSN300

Campus offered: GP

■ GSN411 ECONOMICS OF STRATEGY 1

Competitive strategy requires an understanding of the market context in which the business firm is operating and increasingly this means the global market context. This unit is concerned with the microeconomics of strategic business choices, such as acquiring a competitor, supplier, or 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, GS10, GS11, GS12, GS13, GS85, GS86, GS87, GS90, GS91, GS92, GS93

Prerequisites: PG only; plus GSN403

Credit points: 6

Contact hours: 3 per week

Incompatible with: GSN203

Campus offered: GP

■ 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. An examination is undertaken of 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
Prerequisites: PG only
Credit points: 6
Contact hours: 3 per week

Incompatible with: AYN410

Campus offered: GP

Semester offered: 1,2,SP

■ 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

Prerequisites: PG only; plus GSN403

Credit points: 6

Contact hours: 3 per week

Incompatible with: EFN406

Campus offered: GP

Semester offered: 1,2,SP

■ 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, GS10, GS11, GS12, GS13, GS85, GS86, GS87, GS90, GS91, GS92, GS93

Prerequisites: PG only; plus GSN403

Credit points: 6

Contact hours: 3 per week

Incompatible with: GSN203

Campus offered: GP

Semester offered: 1,2,SP

■ 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, GS10, GS11, GS12, GS13, GS85, GS86, GS87, GS90, GS91, GS92, GS93

Prerequisites: PG only; GSN401

Credit points: 6

Contact hours: 3 per week

Campus offered: GP

■ 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, GS10, GS11, GS12, GS13, GS85, GS86, GS87, GS90, GS91, GS92, GS93

Prerequisites: PG only; GSN404, GSN405 and GSN410

Credit points: 6

Contact hours: 3 per week

Campus offered: GP

■ GSN417 PROFESSIONAL COMMUNICATIONS 2

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: PG only; GSN407

Credit points: 6

Contact hours: 3 per week

Campus offered: GP

Semester offered: 1,2

■ 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: PG only; GSN408

Credit points: 6

Contact hours: 3 per week

Campus offered: GP

Semester offered: 1,2,SP

■ GSN419 ORGANISATIONAL BEHAVIOUR 2

Organisational Behaviour II is an elective unit which 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: PG only; GSN409

Credit points: 6

Contact hours: 3 per week

Incompatible with: MGN412

Campus offered: GP

■ GSN420 ENTREPRENEURSHIP 2

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: PG only; GSN410

Credit points: 6

Contact hours: 3 per week

Campus offered: GP

Semester offered: 1,2,SP

■ 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: PG only; GSN411

Credit points: 6

Campus offered: GP

Contact hours: 3 per week

Semester offered: 1,2

■ 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: PG only; GSN412

Credit points: 6

Campus offered: GP

Contact hours: 3 per week

Semester offered: 1,2

■ GSN423 FINANCIAL MANAGEMENT 2

This unit builds on the foundations of GSN413 and considers more advanced financial management topics. It extends the analysis of firm's 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: PG only; GSN413

Credit points: 6

Campus offered: GP

Contact hours: 3 per week

Semester offered: 1,2

■ 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, GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92

Prerequisites: PG only; GSN414

Credit points: 6

Campus offered: GP

Contact hours: 3 per week

Semester offered: 1,2

■ 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: PG only; GSN415

Credit points: 6

Campus offered: GP

Contact hours: 3 per week

Semester offered: 1,2,SP

■ 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: PG only; GSN416

Credit points: 6

Campus offered: GP

Contact hours: 3 per week

■ 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: PG only; GSN404

Credit points: 6

Campus offered: GP

Contact hours: 3 per week

Semester offered: 1,2,SP

■ 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) previously 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: PG only; plus permission of the MBA Director

Credit points: 6

Campus offered: GP

Contact hours: 3 per week

Semester offered: 2,SP

■ 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: PG only; GSN418 and GSN420

Credit points: 6

Campus offered: GP

Contact hours: 3 per week

■ 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: PG only; GSN404, GSN413 and GSN420
Credit points: 6 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1,2

■ 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:** PG only; GSN420
Credit points: 6 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1,SP

■ 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: PG only; GSN415, GSN420
Credit points: 6 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** GP

■ 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: PG only; GSN420 **Credit points:** 6
Contact hours: 3 per week **Campus offered:** GP
Semester offered: Not offered in 2001

■ 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: PG only; GSN404, GSN413, GSN420
Credit points: 6 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 2 (GP1)

■ 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:** PG only; GSN402
Credit points: 6 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1,2,SP

■ GSN436 FACILITIES MANAGEMENT 1

This unit will trace the development of facilities management as crucial role in business support. Topics include definitions and concepts, facilities manager's 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: PG only; GSN406
Credit points: 6 **Contact hours:** 3 per week
Semester offered: Not offered in 2001

■ 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, 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 services, performance measurements and benchmarking and post-occupancy evaluation.

Courses: GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92 **Prerequisites:** PG only; GSN436
Credit points: 6 **Contact hours:** 3 per week
Campus offered: GP
Semester offered: Not offered in 2001

■ GSN438 PRODUCTION AND 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: PG only; GSN401
Credit points: 6 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1

■ GSN439 PRODUCTION AND 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: PG only; GSN438
Credit points: 6 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1

■ 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: PG only; GSN406
Credit points: 6 **Contact hours:** 3 per week
Campus offered: GP
Semester offered: Not offered in 2001

■ 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: PG only; GSN440

Credit points: 6 **Contact hours:** 3 per week

Campus offered: GP

Semester offered: Not offered in 2001

■ 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: PG only; GSN406

Credit points: 6 **Contact hours:** 3 per week

Campus offered: GP

Semester offered: 1,2

■ 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 and 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: PG only; GSN442

Credit points: 6 **Contact hours:** 3 per week

Campus offered: GP

■ 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: PG only; GSN408 & GSN418 or GSN206, GSN402

Credit points: 6 **Contact hours:** 3 per week

Campus offered: GP

Semester offered: 1,2,SP

■ 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: PG only; GSN447

Credit points: 6

Contact hours: 3 per week

Campus offered: GP

Semester offered: 1, SP

■ 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 communication 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: PG only; GSN408 & GSN418 or GSN206 or equivalent

Credit points: 6

Contact hours: 3 per week

Campus offered: GP

Semester offered: 1

■ 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: PG only; GSN408 & GSN418 (or GSN206) or equivalent, GSN449

Credit points: 6

Contact hours: 3 per week

Campus offered: GP

Semester offered: 1

■ GSN451 CONTEMPORARY ISSUES IN INTERNATIONAL POLITICS & ECONOMY

This is an interdisciplinary unit which provides managers with a thorough grounding in a number of contemporary issues within the international political economy. Students are introduced to the key learning objectives through a series of international case studies on the European Union, the North American Free Trade Agreement, the East Asian economic crisis, and the transitional economies in Eastern Europe.

Courses: GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92

Prerequisites: PG only; GSN414

Credit points: 6

Contact hours: 3 per week

Campus offered: GP

■ 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: PG only; GSN401 & GSN406

Credit points: 6

Contact hours: 3 per week

Campus offered: GP

■ GSN453 ECONOMICS OF HEALTH & HEALTH CARE

This unit is concerned with applications of economics to problems of resource allocation in the health sector. The unit explores economic approaches to the production of health and health care services, as well as examining the special characteristics of health care markets. The role of insurance is con-

sidered 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

■ GSN454 ECONOMICS OF INFORMATION AND E-COMMERCE

This unit explores ways in which the durable principles of information economics may be applied to analyse the 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

■ HLN405 QUALITATIVE RESEARCH

This unit addresses a range of qualitative methodologies and methods which represent alternative approaches to the application of the quantitative paradigm in Health Science research. The predominance of the natural sciences in nursing/health research has come into question in recent times and thus the unit introduces students to the origins of such challenges, to the knowledge bases of the alternative approaches to investigating the microsocial world of health/illness and to the relevant research methods. The unit comprises a series of lectures, seminar presentations and relevant readings.

Courses: HL88, HL50, HL52, HL55, NS85, NS64, PU65, PU69

Credit points: 12

Contact hours: 3 per week

■ HLN405 QUALITATIVE RESEARCH

This unit addresses a range of qualitative methodologies and methods, which represent alternative approaches to the application of the quantitative paradigm in Health Science research. The unit introduces students to the knowledge bases and relevant methods offered by the various qualitative approaches to investigating the micro-social world of health/illness. HLN405 is compulsory for HL50 Bachelor of Nursing (Honours) students.

■ 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, EX

■ HLN701 INDEPENDENT STUDY

Provides students with an opportunity to identify a relevant area for further investigation and to undertake a detailed literature review or minor research project. Students gain skills in gathering and analysing up-to-date research literature, designing and implementing a small research project and synthesising information into a logical and coherent format.

Courses: HL68, HL88

Credit points: 12

Campus offered: KG, EX

■ 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 whom 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, EX

■ 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 whom 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, EX

■ HLN705 INTRODUCTION TO QUANTITATIVE RESEARCH METHODS

An introduction to the major issues associated with good research design and data analysis for quantitative studies in the health context. The unit is taught through an emphasis on critical discussion of research literature. A major assessment item asks students to develop and write a formal research proposal. Topics include the development of testable research questions, concepts of error and bias, sampling strategies, determination of sample size, questionnaire design, data collection and summary.

Courses: HL88, HL68, NS64, NS85, PU65, NS68

Credit points: 12

Contact hours: 3 per week

Campus offered: KG

■ HLN705 INTRODUCTION TO QUANTITATIVE RESEARCH METHODS

An introduction to the major issues associated with good research design and data analysis for quantitative studies in the health context. The unit is taught with an emphasis on critical discussion of research reports. A major assessment item asks students to develop and write a formal research proposal. Topics include the development of testable research questions, concepts of error and bias, sampling strategies, determination of sample size, data collection and management, and presentation and interpretation of statistical results. The unit includes an introduction to the SPSS statistical package for data management.

Credit points: 12

Contact hours: 3 per week

Semester offered: KG, EX

■ HLN706 ADVANCED QUANTITATIVE RESEARCH METHODS

Detailed practical exposition of key concepts associated with sound quantitative research method. Includes calculations of sample size for a variety of designs including cluster sampling schemes, design and analysis of measurement reliability and validity studies, writing analytical plans and statistical modelling techniques for continuous and categorical outcome

variables. Students will use the SPSS statistical package for associated data analyses. A major assessment item asks students to analyse and report on a negotiated dataset.

Courses: HL68 HL88, HL50, HL55, HL52, NS64, NS85, PU65

Credit points: 12

Contact hours: 4 per week

Campus offered: KG

■ HLN706 ADVANCED QUANTITATIVE RESEARCH METHODS

Details practical exposition of key concepts associated with sound quantitative research methods. Includes a comparison of schemes for representative sampling of populations, calculations of sample size and power, designing survey questionnaires, designing and analysing validation and reliability studies, choosing appropriate methods of data analysis for a variety of variable types and study designs, writing analytical plans, statistical modelling strategies (incorporating multiple linear regression, repeated measures analysis of variance, Cox proportional hazards regression, Poisson regression logistic and ordinal logistic regression), and presentation of analytical results to publication standard. Students will use the SPSS statistical package for associated data analyses.

Prerequisites: an undergraduate or postgraduate introductory course in research methods.

Credit points: 12

Contact hours: 4 per week

Campus offered: KG

Semester offered: KG

■ 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 areas of interest in the workplace and to combine work and study requirements. It enables students to concentrate on a specific area of interest and to apply intellectual rigour to that area to complete a project of work at an advanced level.

Courses: HL88

Credit points: 48

Campus offered: KG, EX

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, EX

■ 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 or 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 or 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

■ 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

■ 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

■ 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 lifespan 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

■ 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

■ 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

■ 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

■ 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

■ HMB276 RESEARCH IN HUMAN MOVEMENT

Principles of research: purposes, philosophy, 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

■ 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

■ 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

■ HMB307 HEALTH & 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

Credit points: 12

Contact hours: 4 per week

Campus offered: KG

■ 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

■ HMB313 SOCIO-CULTURAL FOUNDATIONS OF PHYSICAL ACTIVITY

Lays a foundation in the disciplines of the socio-cultural areas which underpin the study of human movement. It serves as an introduction to the historical, sociological, philosophical, anthropological and cultural foundations of sports, games and leisure activities.

Courses: ED50, ED51, HL42, HL44, HM42, IF46, IF62, IF73

Credit points: 12

Contact hours: 4 per week

Campus offered: KG

■ 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

■ 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

■ 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

■ 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

■ 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

Credit points: 12

Contact hours: 3 per week

Campus offered: KG

■ 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

■ 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

■ 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

■ 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

■ 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

■ 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

■ 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

■ 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

■ 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

■ 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

Credit points: 12

Prerequisites: HMB310

Contact hours: 5 per week

Campus offered: KG

■ HMB371 MOTOR CONTROL & LEARNING 2

This is an advanced unit which provides an in-depth view of theories and concepts in motor learning and control – how we control actions in both everyday and skilled behaviours, and how this capability is acquired. This course provides a multidisciplinary perspective, drawing on research from psychology, neuroscience, biomechanics, robotics, neural networks and medicine. 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

Credit points: 12

Prerequisites: HMB271

Contact hours: 4 per week

Campus offered: KG

■ 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

■ 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

■ 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 lecturer's discretion

Credit points: 12

Contact hours: 4 per week

Campus offered: KG

■ 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

■ 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 affect 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

■ 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 haemodynamics, 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 'anaerobic threshold' and maximal oxygen consumption.

Courses: ED50, HM42, IF46

Prerequisites: HMB273

Credit points: 12

Contact hours: 3-4 per week

Campus offered: KG

■ 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, HL40

Prerequisites: HMB273

Credit points: 12

Contact hours: 4 per week

Campus offered: KG

■ 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 counsellors perspective.

Courses: ED50, HM42, IF46, IF73

Prerequisites: HMB171 or HMB332

Credit points: 12

Contact hours: 4 per week

Campus offered: KG

■ 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

■ 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

■ 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

■ HMB441 SOCIOLOGY OF SPORT

A sociology of sport; historical and contemporary perspectives; sport in Australia; Australias 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 & external

Campus offered: KG, EX

■ 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 work sites. 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 & 2 of the HM42 academic program, PLUS successful completion of Years 1 & 2 HM42 practicum requirements, OR by agreement with the course coordinator

Credit points: 12

Campus offered: KG

■ HMB471 PROJECT 1

Students in the Bachelor of Applied Science are required to undertake a project in Year 4. Students work in small groups on original topics. Work includes: a literature review and the presentation of experimental hypotheses, research methodology and analysis procedures. Groups present a formal colloquium at the end of Semester 1.

Courses: HL42, HL44, HM42

Prerequisites: 4th year status

Credit points: 12

Campus offered: KG

■ HMB472 PROJECT 2

The implementation of the plan, the analysis of results and publication of a report. Groups present a formal colloquium at the end of Semester 2.

Courses: HL42, HL44, HM42

Credit points: 12

Prerequisites: HMB471
Campus offered: KG

■ HMB475 PRACTICUM 2

A comprehensive vocational experience undertaken as a supervised full-time internship. Student 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, HL44, HM42

Prerequisites: Satisfactory completion of years 1-3 practicum requirements and 7 semesters of coursework

Credit points: 36

Campus offered: KG

■ 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

■ 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

■ 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

■ 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

■ HMN201 DEVELOPING TEACHING & 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

Credit points: 12

Campus offered: KG

■ HMN202 DEVELOPING & ASSESSING HIGHER ORDER THINKING SKILLS IN SCHOOL PHYSICAL EDUCATION

Examine contemporary theories of teaching and learning and knowledge frameworks for school PE; evaluate current models of teaching and learning and existing personal practices in PE in the context of learning theories and knowledge frameworks; and create new and alternative approaches to teaching and learning for the development and assessment of higher order thinking skills in school PE.

Courses: ED13, HL88

Credit points: 12

Campus offered: KG

■ HMN203 APPLICATION OF THE SCIENCES TO TEACHING & LEARNING IN PHYSICAL EDUCATION AND SPORT

Identify the key knowledge from the biophysical and socio-cultural sciences that pertain to the improvement of performance in physical activities and sports; analyse the relationship between the sciences and improvement of performance in selected physical activities and sports; design teaching and learning or coaching programs that promote understanding of the relationship between the sciences and performance in physical activity and sport; and use selected software and technology to enhance the teaching and learning or coaching programs that promote understanding of the relationship between the sciences and performance in physical activity and sport.

Courses: ED13, HL88

Credit points: 12

Campus 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**

Understand how current issues and emerging trends can shape the principles and practices of health education in schools; develop higher order mastery of the principles of curriculum design, implementation and evaluation for health education in a school based context; reconstruct teaching and learning programs and assessment practices promote higher order thinking by students of health education; and critically reflect on the impact of this unit on personal practice in the classroom and on the broader role of teaching.

Courses: ED13, HL88

Credit points: 12

Campus offered: KG

■ **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

■ **HMP332 ERGONOMIC AIDS & 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 behavioral 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 ACCROSS 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

■ **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

■ HSB000 APPLIED SKILLS & SCHOLARSHIP

This unit is a compulsory first year requirement for students enrolled in Faculty of Arts Courses on the Carseldine campus. It focuses on the development of a number of generic study and learning competencies that are important for all QUT undergraduate courses. The unit provides a learning foundation for study within the School of Human Services. Therefore, the unit is an essential first stage in the development of key skills and understandings at the tertiary level. Students are expected to apply fundamental skills to a variety of assessment tasks. See <https://olt.qut.edu.au/int/askills>

Courses: HS07

Credit points: 12

Contact hours: 4 per week (first four weeks); variable thereafter

Campus offered: CA

■ HSB002 INTRODUCTION TO HUMAN RIGHTS

This is a Faculty of Arts core unit. It 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. See: www.olt.qut.edu.au/arts/hsb002

Courses: HS07

Campus offered: CA, GP

Credit points: 12

Contact hours: 3 per week

■ HSB110 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: HS07, SS60

Credit points: 12

Contact hours: 3 per week

Campus offered: CA

Semester offered: 1

■ HSB120 WELFARE OF AUSTRALIANS

This unit provides a comprehensive demographic, political, social, economic, locational, indigenous and cultural portrait of Australia. It introduces concepts of power, class, authority, status, gender, race, location and culture and applies these to perceptions relating to the construction of Australian society and Australian identity. The unit explores a number of topical social, economic and cultural issues. Students are encouraged to develop a critical analytical framework for the exploration of Australian society. See www.olt.qut.edu.au/arts/hsb120

Courses: HS07

Credit points: 12

Contact hours: 3 per week

Campus offered: CA

Semester offered: 2

■ HSB121 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: HS07

Credit points: 12

Contact hours: 3 per week

Campus offered: CA

Semester offered: 2

■ HSB122 ANALYSING CONTEMPORARY SOCIAL 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. See: www.olt.qut.edu.au/arts/hsb122

Courses: HS07

Credit points: 12

Contact hours: 3 per week

Campus offered: CA

Semester offered: 2

■ HSB201 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: HS07

Credit points: 24

Campus offered: CA

Semester offered: 1

■ HSB211 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: HS07

Prerequisites: HSB110, HSB120

Credit points: 12

Contact hours: 3 per week

Campus offered: CA

Semester offered: 2

■ HSB213 AGED SERVICES: INTRODUCTION

This unit focuses specifically on human service work with older adults. It introduces the developmental, social and cultural environment which impact on ageing, including aspects of intelligence, memory and learning and perspectives of work and retirement. In addition, the home environment and living with change, relations with family members and dealing with loss and grief are discussed.

Courses: HS07, SS60

Credit points: 12

Contact hours: 3 per week

Campus offered: CA

Semester offered: 1

■ HSB214 CHILD & 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: HS07, SS60

Credit points: 12

Campus offered: CA

Contact hours: 3 per week

Semester offered: 1

■ **HSB215 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: HS07, SS60

Credit points: 12

Campus offered: CA

Semester offered: 1

Contact hours: 3 per week

■ **HSB216 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: HS07, SS60

Credit points: 12

Campus offered: CA

Contact hours: 3 per week

Semester offered: 1

■ **HSB217 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: HS07, SS60

Credit points: 12

Campus offered: CA

Campus offered: CA

Contact hours: 3 per week

■ **HSB218 INTERVENTION THEORIES & 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: HS07

Credit points: 12

Campus offered: CA

Contact hours: 4 per week

Semester offered: 1

■ **HSB222 SOCIAL INQUIRY**

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: HS07

Credit points: 12

Campus offered: CA

Contact hours: 3 per week

Semester offered: 1

■ **HSB228 INTERVENTION PROCESSES & 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: HS07

Credit points: 12

Campus offered: CA

Contact hours: 3 per week

Semester offered: 2

■ **HSB228 INTERVENTION PROCESSES & 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: HS07

Credit points: 12

Campus offered: CA

Contact hours: 3 per week

Semester offered: 2

■ **HSB230 CASEWORK & 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: HS07

Credit points: 12

Campus offered: CA

Contact hours: 3 per week

Semester offered: 2

■ **HSB231 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, hous-

ing, income security, immigration and family policies at federal, state and local government level.

Courses: HS07

Credit points: 12

Campus offered: CA

Contact hours: 3 per week

Semester offered: 2

■ HSB232 GROUP & 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: HS07

Credit points: 12

Campus offered: CA

Contact hours: 3 per week

Semester offered: 2

■ HSB233 INDIGENOUS AUSTRALIA: COUNTRY, KIN AND 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: HS07

Credit points: 12

Campus offered: CA

Contact hours: 3 per week

Semester offered: 1, 2

■ HSB234 CRISIS & 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: HS07

Credit points: 12

Campus offered: CA

Semester offered: 1

Contact hours: 3 per week

■ HSB300 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: HS07

Credit points: 12

Campus offered: CA

Contact hours: 2 week block

Semester offered: 2

■ HSB301 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

Campus offered: CA

Credit points: 36

Semester offered: 2

■ HSB310 PROFESSIONAL PRACTICE

A 500 hour (14 weeks full-time equivalent) program of professionally supervised, contracted- learning in a human services agency. Students can negotiate to do a part-time placement or to commence placement early. Attendance at university workshops and completion of written assignments is required. This unit challenges students to develop and consolidate core practice competencies and to apply their theoretical knowledge to practice realities. This unit is only available to enrolled Human Services students. Interviews to select and arrange placements are held in August with placements usually commencing the following February.

Courses: HS07

Prerequisites: PYB208 or PYB052, HSB110, HSB211,

HSB220, HSB221. Students may discuss prerequisite

options with the lecturer, Professional Practice.

Credit points: 48

Campus offered: CA

Contact hours: 500

Semester offered: 1

■ HSB320 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: HS07

Credit points: 12

Campus offered: CA

Contact hours: 3 per week

Semester offered: 2

■ HSB323 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, care-giving and advocacy.

Courses: HS07, SS60

Credit points: 12

Campus offered: CA

Prerequisites: HSB213

Contact hours: 3 per week

Semester offered: 1

■ HSB324 CHILD & 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: HS07, SS60

Credit points: 12

Campus offered: CA

Prerequisites: HSB214

Contact hours: 3 per week

Semester offered: 1

■ HSB325 CORRECTIVE SERVICES: ADVANCED

Designed to enhance students' knowledge and understanding of contemporary issues currently facing corrective services based on analysing the students field education experiences. From this understanding students will be assisted in developing their critical thinking and problem solving skills, and undertake strategies to prepare for employment opportunities in corrective services.

Courses: HS07, SS60

Credit points: 12

Campus offered: CA

Prerequisites: HSB215

Contact hours: 3 per week

Semester offered: 1

■ HSB326 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: HS07, SS60

Prerequisites: HSB216

Credit points: 12

Contact hours: 3 per week

Campus offered: CA

Semester offered: 1

■ **HSB327 SERVICES TO YOUNG PEOPLE: ADVANCED PRACTICE**

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: HS07, SS60

Prerequisites: HSB227, HSB310

Credit points: 12

Contact hours: 3 per week

Campus offered: CA

Semester offered: 2

■ **HSP411 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: HS14, HS15

Credit points: 12

Contact hours: 3 per week

■ **HSP412 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: HS15, HS16

Credit points: 12

Contact hours: 3 per week

■ **HSP413 RESEARCH THESIS 1-6**

HSP413/1-2 involves the design and initial development of the dissertation topic. This includes the literature review. HSP413/3-5 involve further research and completion of honours dissertation under the direction of a supervisor. In HSP413/6, 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: HS14

Credit points: 12 per component

Contact hours: As required

■ **HSP421 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: HS15, HS16

Credit points: 12

Contact hours: 3 per week

■ **HSP422 MANAGED CARE & CASE MANAGEMENT**

Develops high level analysis and skills in the emerging context of managed care. Case management is becoming the dominant mode of service delivery in the community service industry. While the conceptual genesis of case management resides within human service bodies or practice knowledge, it is being applied across a range of service delivery systems. While some of the processes involved in case management are taught in human service education programs, there is little opportunity for employees and managers to comprehensively explore case management as a discreet mode of intervention.

Courses: HS15, HS16

Credit points: 12

Contact hours: 3 per week

■ **HSP423 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: HS15, HS16

Credit points: 12

Contact hours: 3 per week

■ **HSP511 PRACTICE RELATED RESEARCH 1-2**

Students explore an issue from their practice or the field using research and scholarship.

Courses: HS16

Credit points: 24 each (48 total)

■ **HUB000 APPLIED SKILLS & SCHOLARSHIP**

This unit is a compulsory requirement for all first year students enrolled in Arts courses on the Carseldine campus. It 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.

Credit points: 12

Contact hours: 3 per week

Campus offered: CA

■ **HUB007 HEALTH & ETHICS**

An introduction to ethics within a health care context. Particular focus on the role of health care educators exploring the ethical challenges confronting them and the ways in which they may cultivate moral sensitivity as part of community 'well-being'.

Courses: ED50

Credit points: 12

Campus offered: KG

Contact hours: 3 per week

■ **HUB009 ETHICS LAW & 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 de-

velop 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

Campus offered: KG

Credit points: 12

Contact hours: 3 per week

■ HUB120 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, SS07, SS60, HU20, HU22, ED50, IF30, IF36, IF43, IF70, IF81, IF82, IF86

Credit points: 12

Contact hours: 3 per week

Incompatible with: SSB000

Campus offered: CA

Semester offered: 1, 2

■ HUB124 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.

Credit points: 12

Contact hours: 2 per week

Campus offered: CA

Semester offered: 2

■ HUB125 RESEARCH THESIS 1-5

The design and development, including the literature review, of the Sociology Honours dissertation topic, under the direction of the supervisor.

Courses: SS13

Credit points: 12

Contact hours: 0.5 per week

■ HUB126 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, HU22, HU20, IF30, IF36, IF43, IF70, IF81, IF82, IF86

Credit points: 12

Contact hours: 3 per week

Campus offered: CA

Semester offered: 2

■ HUB127 SOCIOLOGY OF HEALTH & ILLNESS

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, HU20, HU22, SS60, NS40, NS48, IF30, IF36, IF70, IF81, IF82, IF86

Credit points: 12

Contact hours: 3 per week

Incompatible with: SSB904

Campus offered: CA

Semester offered: 1

■ HUB130 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, HU20, HU22, IF30, IF36, IF43, IF70, IF81, IF82, IF86

Prerequisites: HUB120 or SSB000

Credit points: 12

Contact hours: 3 per week

Incompatible with: SSB962

Campus offered: CA

Semester offered: 1

■ HUB131 SEX, GENDER & 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, HU22, HU20, IF30, IF36, IF43, IF70, IF81, IF82, IF86

Credit points: 12

Contact hours: 3 per week

Incompatible with: SSB964

Campus offered: CA

Semester offered: 1

■ HUB132 CULTURAL STUDIES

Focuses on culture and its role in the construction of the person and of social life. Much of the emphasis of this unit is on historical sociology and cross-cultural sociology; this strategic emphasis is taken in order to throw modern experiences into relief. We shall study a series of experiences which have only recently made their way into the sociological mainstream: the limit experiences of madness, death, sexuality and criminality; and the miscellany of social life those experiences that were once thought too unimportant to study, such as swimming, walking, spitting and eating.

Courses: SS07

Credit points: 12

Contact hours: 3 per week

■ HUB133 SOCIOLOGICAL THEORY & ANALYSIS

Examines the relationship between sociological theories and sociological analysis. It covers a range of theoretical approaches and looks at their application in specific case studies. Students are encouraged to see the social world as an explorable milieu which can be approached from a variety of research strategies. The range of topics will be explored in relation to theories of classical sociological authors such as Karl Marx, Georg Simmel, Max Weber and Emile Durkham, as well as many contemporary authors.

Courses: SS07, HU20, HU22, SS60, IF30, IF36, IF43, IF70, IF81, IF82, IF86

Prerequisites: HUB120 or SSB000

Credit points: 12

Contact hours: 3 per week

Incompatible with: SSB969

Campus offered: CA

Semester offered: 1

■ HUB134 POLITICAL SOCIOLOGY

Examines a variety of sociological themes which might broadly be termed political. Central to the unit will be an examination of sociological conceptions of power. Typically, sociologists have examined power in connection with the state; power has frequently been regarded as flowing from the state. We shall examine these debates, and move on to recent theorisations which have begun to detach power from the state. We shall take some case studies to make these distinctions clearer, including the construction of an Australian administrative elite, the notion of police in seventeenth and eighteenth century Europe, and compulsory education as the sphere of the reproduction of social relationships.

Courses: SS07, SS60, HU20, HU22, IF30, IF36, IF70, IF81, IF82, IF86

Credit points: 12

Contact hours: 3 per week

Incompatible with: SSB971

Campus offered: CA

Semester offered: 2

■ HUB139 POSTMODERNISM & ITS CRITICS

Examines a range of social theory which has had an increasing impact on sociological work in the last decade or so. The unit will concentrate on the so-called 'post-marxist' tradition (Althusser, Poulantzas, Bourdieu), on poststructuralism and postmodernism (Lyotard, Baudrillard, Derrida, Foucault), on German critical theory (Habermas), and on theories of the breakdown of modernity and the birth of the risk society (Giddens, Beck). This social theory will be introduced with an emphasis on its practical uses for the empirical sociologist.

Courses: SS07, SS60, HU20, HU22, IF30, IF36, IF43, IF70, IF81, IF82, IF86

Prerequisites: SSB969 or HUB133

Credit points: 12

Contact hours: 3 per week

Incompatible with: SSB980

Campus offered: CA

Semester offered: 1

■ HUB140 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: 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: SSB981

Campus offered: CA

Semester offered: 2

■ HUB141 SOCIAL SCIENCE & HEALTH CARE

Provides sociological and anthropological analysis of health and health care models, services and institutions within Australian society. These perspectives provide an understanding of patterns of morbidity and mortality which are not randomly distributed but are associated or causally related to social structural variables such as ethnicity, gender, social class, marriage and family structure, age or geographical location.

Courses: NS40, NS48, PU40, SS60, HU20, HU22, IF30, IF36, IF43, IF70, IF81, IF82, IF86

Credit points: 12

Contact hours: 3 per week

Incompatible with: SSB982

Campus offered: KG

Semester offered: 2

■ HUB145 VIRGINS, SAINTS & SINNERS: EXPLORATIONS IN THE SOCIOLOGY OF RELIGION

This unit explores the role which religions and various forms of spirituality play in contemporary social processes. It will discuss how religious movements are gaining instead of losing social significance (eg. religious fundamentalisms) and explain why and how they are diversifying. Students will be given insights into a variety of themes, including new religious movements, civil religion, sex and Christianity, the ideas of sin, apocalypse, and many more. Religious phenomena will be explored in a manner sensitive to believers but also in a critical, relativist and value-neutral fashion.

Courses: HU20, HU22, SS60, IF36, IF43, IF70, IF30, IF81, IF82, IF86

Credit points: 12

Contact hours: 3 per week

Campus offered: CA

Semester offered: 1

■ HUB150 SOCIOLOGY OF CRIME & 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, prac-

esses 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, Applied Ethics, Gender Studies, Human Services and Psychology.

Courses: HU20, HU22, SS60, IF43, IF36, IF30, IF81, IF82, IF86

Credit points: 12

Contact hours: 3 per week

Campus offered: CA

Semester offered: 2

■ HUB201 ENVIRONMENT & 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, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

Credit points: 12

Contact hours: 3 per week

Campus offered: CA

■ HUB202 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, HU20, HU22, IF70, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

Credit points: 12

Contact hours: 3 per week

Campus offered: CA

■ HUB207 ENVIRONMENTAL HAZARDS

The nature of hazard, risk and disaster; origins of hazards; nature of disaster; influences on the perception of risk; disaster prediction, preparation, response and recovery strategies.

Courses: ED50, HU20, HU22, IF70, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

Credit points: 12

Contact hours: 3 per week

Campus offered: CA

■ HUB220 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, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

Credit points: 12

Contact hours: 3 per week

Campus offered: CA

■ HUB221 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: HU20, HU22, SS60, IF30, IF36, IF43, IF70, IF81, IF82, IF86

Credit points: 12

Contact hours: 3 per week

Campus offered: CA

Semester offered: 1

■ HUB222 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: HU20, HU22, SS60, IF30, IF36, IF43, IF70, IF81, IF82, IF86

Credit points: 12

Contact hours: 3 per week

Campus offered: CA

Semester offered: 2

■ HUB330 BRISBANE IN THE TWENTIETH CENTURY: DEFINING MOMENTS IN THE CITY'S PAST CENTURY

This unit focuses on turning points in Brisbane's development over the last century. It adopts a multi-disciplinary approach to investigate the political, social, economic and cultural development of the city. Initial lectures concentrate on problems associated with the study of both local and oral history and seek to identify the major sources for such investigations. Sample case studies examine several "defining moments" drawing upon historical, literary and audio-visual sources. The second half of the unit involves students in fieldwork as they research their chosen "defining moment" of Brisbane's past. Students presentation of their findings form the concluding part of the unit.

Courses: ED50, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

Credit points: 12

Contact hours: 6 per week

Campus offered: CA

■ HUB332 KOREAN CULTURES & 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: HU20, HU22, SS60, IF36, IF43, IF70, IF81, IF82, IF86, IF30

Credit points: 12

Contact hours: 3 per week

Campus offered: CA

Semester offered: 2

■ HUB452 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 (for students wishing to take HUB675 French 6 in Semester 2)

Credit points: 12

Contact hours: 4 per week

Campus offered: GP

Semester offered: 1

■ HUB453 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

Campus offered: GP

Semester offered: SP

■ HUB454 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

Credit points: 12

Campus offered: GP

Semester offered: SP

■ HUB600 AUSTRALIAN SOCIETY & CULTURE (FACULTY OF ARTS CORE UNIT)

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, HU20, HU22, IF36, IF43, IF70, IF30, IF81, IF82, IF86, SS60

Credit points: 12

Contact hours: 3 per week

Campus offered: 1 at KG; 2 at CA

■ HUB601 HUMAN IDENTITY & 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: HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

Credit points: 12

Contact hours: 3 per week

Campus offered: CA

■ HUB610 APPROACHES TO ASIA/PACIFIC STUDIES

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, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

Credit points: 12

Contact hours: 3 per week

Campus offered: CA

■ HUB617 WOMEN, AID & DEVELOPMENT

Challenges existing notions of development; evaluates current models of development and aid in terms of their implications for women; suggests that real development for women and their dependants requires a woman-centred approach.

Courses: ED50, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

Credit points: 12

Contact hours: 3 per week

Campus offered: CA

■ HUB618 ASIAN WOMEN

Use case studies to provide a broad analysis of Asian women's experiences of tradition, colonialism and revolution; highlights the linkages between traditional culture, colonialism and revolution; provides and appreciation of both the historical experiences and some of the contemporary concerns of Asian women.

Courses: ED50, HU20, HU22, IF36, IF43, IF81, IF82, IF83, IF84, IF86, IF30, SS60

Credit points: 12

Contact hours: 3 per week

Campus offered: CA

■ HUB619 PACIFIC CULTURE CONTACT

Key concepts including mobility, religion, morality, leadership, civilisation, society, change and continuity; develops an appreciation of culture and sensitivity towards cultural heritage; case studies and comparative analysis focus on the people of the Pacific at the time of initial European contact.

Courses: ED50, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SS60

Credit points: 12**Contact hours:** 3 per week**Campus offered:** CA**■ HUB624 ADVANCED SEMINAR IN ASIA PACIFIC STUDIES**

An advanced seminar in Asia-Pacific Studies normally taken by third and fourth year (Honours) students. Topics to be announced.

Courses: ED50, HU20, HU22, HU21, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60**Credit points:** 12**Contact hours:** 3 per week**Campus offered:** CA**■ HUB625 NORTH AMERICAN LITERATURE**

Concentrates principally on twentieth century North American literature in the years preceding World War II and in the postwar reconstruction period to the present. Particular emphasis on major preoccupations in literature and on the ways in which writers have responded to, and interpreted, political and social currents.

Courses: ED50, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60**Credit points:** 12**Contact hours:** 3 per week**Campus offered:** CA**■ HUB626 CONTEMPORARY SOUTHEAST ASIA**

An introduction to Southeast Asia as a region focusing on its recent history and geographical characteristics, recent political developments, population and urban studies, economic development and social and cultural characteristics.

Courses: ED50, HU20, HU22, IF26, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60**Credit points:** 12**Contact hours:** 3 per week**Campus offered:** CA**■ HUB629 MODERN CHINA**

A historical survey of China during the nineteenth and twentieth centuries. The primary focus will be on the decline of the traditional Chinese state and the impact of foreign imperialism. Stress is placed on the growth of nationalism and the Chinese revolution. The modernisation of Chinese culture, the position of women and the forces which have brought China to resume its place as the major Asian force.

Courses: ED50, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SS60**Credit points:** 12**Contact hours:** 3 per week**Campus offered:** CA**■ HUB647 INTERNATIONAL SUMMER SCHOOL OR EQUIVALENT**

Four to six weeks of concentrated learning at an approved institution.

Courses: BS50, ED50, HU20, HU22, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60**Credit points:** 24**■ HUB648 IN-COUNTRY STUDY – A (1 SEMESTER)**

An approved course of study at a designated foreign institution for one semester.

Courses: ED50, HU20, HU22, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60**Credit points:** 48**■ HUB649 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, HU20, HU22, HU21, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60**Credit points:** 12**Contact hours:** 3 per week**Campus offered:** CA**■ HUB650 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, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60**Credit points:** 12**Contact hours:** 4 per week**Campus offered:** GP**■ HUB651 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, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60**Prerequisites:** HUB650 or equivalent**Credit points:** 12**Contact hours:** 4 per week**Campus offered:** GP**■ HUB652 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, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60**Prerequisites:** HUB651 or equivalent**Credit points:** 12**Contact hours:** 4 per week**Campus offered:** GP**■ HUB653 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, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60**Prerequisites:** HUB652 or equivalent**Credit points:** 12**Contact hours:** 4 per week**Campus offered:** GP**■ HUB654 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 or equivalent**Credit points:** 12**Contact hours:** 4 per week**Campus offered:** GP**■ HUB655 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, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60

Prerequisites: HUB654 or equivalent

Credit points: 12

Contact hours: 4 per week

Campus offered: GP

■ HUB656 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, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60

Prerequisites: HUB655 or equivalent

Credit points: 12

Contact hours: 4 per week

Campus offered: GP

■ HUB657 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, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60

Prerequisites: HUB656 or equivalent

Credit points: 12

Contact hours: 4 per week

Campus offered: GP

■ HUB660 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, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60

Credit points: 12

Contact hours: 4 per week

Campus offered: GP

■ HUB661 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, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60

Prerequisites: HUB660

Campus offered: GP

Credit points: 12

Contact hours: 4 per week

■ HUB662 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, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60

Prerequisites: HUB661, Year 12 Japanese or equivalent

Credit points: 12

Contact hours: 4 per week

Campus offered: GP

■ HUB663 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, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60

Prerequisites: HUB662

Campus offered: GP

Credit points: 12

Contact hours: 4 per week

■ HUB664 JAPANESE 5

The videodisc series is completed in this unit, incorporating the whole range of grammatical structures used in natural set-

tings. 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, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60

Prerequisites: HUB663

Campus offered: GP

Credit points: 12

Contact hours: 4 per week

■ HUB665 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, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60

Prerequisites: HUB664

Campus offered: GP

Credit points: 12

Contact hours: 4 per week

■ HUB666 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, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60

Prerequisites: HUB665

Campus offered: GP

Credit points: 12

Contact hours: 4 per week

■ HUB667 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, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60

Prerequisites: HUB666

Campus offered: GP

Credit points: 12

Contact hours: 4 per week

■ HUB670 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, HU20, HU22, IF43, IF70, IF81, IF82, IF83, IF84, IF86 IF70, SC30, IF30, SS60

Credit points: 12

Contact hours: 4 per week

Campus offered: GP

■ HUB671 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, HU20, HU22, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60

Prerequisites: HUB670

Campus offered: GP

Credit points: 12

Contact hours: 4 per week

■ HUB672 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, 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

Campus offered: GP

■ HUB673 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, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60

Prerequisites: HUB672

Campus offered: GP

Credit points: 12

Contact hours: 4 per week

■ HUB674 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, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60

Prerequisites: HUB673

Campus offered: GP

Credit points: 12

Contact hours: 4 per week

■ HUB675 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, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60

Prerequisites: HUB674

Campus offered: GP

Credit points: 12

Contact hours: 4 per week

■ HUB677 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, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86 IF70, SC30, IF30, SS60

Prerequisites: HUB675

Campus offered: GP

Credit points: 12

Contact hours: 2 per week

■ HUB678 FRENCH 7

This advanced course in business French equips students for working in Europe or in French-speaking companies in Australia. Students have the option of sitting for the Certificat Pratique de Français Commercial et Economique.

Courses: BS56, 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

Campus offered: GP

■ HUB679 FRENCH 9

Advanced French unit available through cross-enrolment at the University of Queensland. See staff for details.

Courses: BS56, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60

Prerequisites: HUB675

Credit points: 12

Contact hours: 3 per week

Campus offered: UQ

■ HUB682 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, HU20, HU22, SS13, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86 IF70, IF30, SS60

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ HUB683 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 ru-

ral crisis, settlements and cities, population and societal change, and economic/regional development. Emphasis is on contemporary, issue-based themes.

Courses: ED50, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

Credit points: 12

Contact hours: 3 per week

Campus offered: CA

■ HUB685 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, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

Credit points: 12

Contact hours: 3 per week

Campus offered: CA

■ HUB687 CONTEMPORARY MORAL ISSUES (FACULTY OF ARTS FOUNDATION UNIT)

Introductory overview to moral discourse and ethical issues with particular reference to Australian society. Its interdisciplinary approach and focus on professional ethics are relevant to studies across Faculties. Issues analysed include: truth-telling and integrity; sexual morality; bioethics; euthanasia; environmental ethics; political ethics; global poverty.

Courses: HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SS60

Credit points: 12

Contact hours: 3 per week

Campus offered: 1 at CA, 2 at GP

■ HUB688 GEOGRAPHICAL RESEARCH DESIGN – ADVANCED SEMINAR

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, HU20, HU22, IF70, IF36, IF43, IF70, IG81, IF82, IF83, IF84, IF86, IF30, SS13, SS60

Credit points: 12

Contact hours: 3 per week

Campus offered: CA

Semester offered: 1

■ HUB692 CONSPIRACY & 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, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

Credit points: 12

Contact hours: 3 per week

Campus offered: CA

■ HUB694 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: HU20, HU22, IF36, ED50, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

Credit points: 12

Contact hours: 3 per week

Campus offered: 1 at CGP; 2 at CCA

■ HUB700 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, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

Credit points: 12

Contact hours: 3 per week

Campus offered: CA

■ HUB701 INDIGENOUS AUSTRALIAN WRITING

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.

Courses: ED50, HU20, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SS60, IF30

Credit points: 12

Contact hours: 3 per week

Campus offered: CA

■ HUB703 INDIGENOUS POLITICS & 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, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

Credit points: 12

Contact hours: 3 per week

Campus offered: CA

■ HUB710 AUSTRALIAN LITERATURE & CULTURE

A critical appreciation of various texts from Australia's literary tradition; considers the impact of social values, political and artistic movements upon literary production and genres; the dichotomy of mainstream and marginalised writing in various groups and periods of Australia's cultural traditions.

Courses: ED50, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

Credit points: 12

Contact hours: 3 per week

Campus offered: CA

■ HUB712 AUSTRALIAN CHILDREN'S & ADOLESCENT FICTION

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: ED50, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

Credit points: 12

Contact hours: 3 per week

Campus offered: CA, GP

■ HUB716 INTRODUCTION TO LITERARY & CULTURAL STUDIES

Introduces some of the major theoretical issues underlying contemporary developments in the field of cultural and textual analysis.

Courses: ED50, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

Credit points: 12

Contact hours: 3 per week

Campus offered: CA

■ HUB720 EUROPE SINCE 1945

Uses historical and literary perspectives to highlight major themes in the development of European society and culture since 1945.

Courses: ED50, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

Credit points: 12

Contact hours: 3 per week

Campus offered: CA

■ HUB722 FOUNDATIONS OF MODERN EUROPE

The formation of modern Europe from the late Middle Ages to the end of the eighteenth century; the emergence of secularism and the rise of nation states.

Courses: ED50, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86

Credit points: 12

Contact hours: 3 per week

Campus offered: CA

■ HUB724 NINETEENTH CENTURY ENGLISH LITERATURE & CULTURE

Focuses on two major literary genres: the novel and poetry; their evolution and variety in a time of profound economic, political and social change in England between 1790 and 1880; examines the variety of response of a number of literary artists to these changes and the ways narrative and verse forms were adapted and evolved.

Courses: ED50, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

Credit points: 12

Contact hours: 3 per week

Campus offered: CA

■ HUB725 TWENTIETH CENTURY LITERATURE & CULTURE

Critical analysis of key literary texts of the twentieth century (prose, poetry, drama); the theoretical and cultural movements that underpin them.

Courses: ED50, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

Credit points: 12

Contact hours: 3 per week

Campus offered: CA

■ HUB729 SHAKESPEARE & THE MODERN WORLD

Shakespeare is examined both in his own time and the present to analyse the dominance of this cultural icon; emphasises recent theoretical and performance strategies in Shakespearean genre studies.

Courses: ED50, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

Credit points: 12

Contact hours: 3 per week

Campus offered: CA

■ HUB730 GENDER, WRITING & REPRESENTATION

Examines ways gender has been represented in literary and non-literary texts; identifies cultural contexts in which women write and are represented; examines nineteenth and twentieth century texts by European writers by and about women and men.

Courses: ED50, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

Credit points: 12

Contact hours: 3 per week

Campus offered: CA

■ HUB731 FRENCH 10

Practical introduction to French-English translation. Available through cross-enrolment in FH306 at the University of Queensland.

Courses: BS56, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60

Prerequisites: HUB675

Campus offered: UQ

Credit points: 12

Contact hours: 3 per week

■ HUB735 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, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60

Credit points: 12

Contact hours: 4 per week

Campus offered: GP

■ HUB736 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, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60

Prerequisites: HUB735 or equivalent

Credit points: 12

Contact hours: 4 per week

Campus offered: GP

■ HUB737 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, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60

Credit points: 12

Contact hours: 4 per week

Campus offered: GP

■ HUB738 GERMAN 4

Central to this unit are videodiscs relating to the events of 1989 and their consequences for German society. There is an increasing emphasis on writing skills and the expansion of the social and linguistic skills necessary in a German-speaking workplace.

Courses: BS56, ED50, ED51, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60

Prerequisites: HUB737 or equivalent

Credit points: 12

Contact hours: 4 per week

Campus offered: GP

■ HUB739 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, HU20, HU22, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF70, IF30, SS60

Prerequisites: HUB738 or equivalent

Credit points: 12

Contact hours: 4 per week

Campus offered: GP

■ HUB740 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, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60

Prerequisites: HUB739 or equivalent

Credit points: 12

Contact hours: 4 per week

Campus offered: GP

■ HUB741 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, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60

Prerequisites: HUB740 or equivalent

Credit points: 12

Contact hours: 4 per week

Campus offered: GP

■ HUB742 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, HU20, HU22, IF36, IF39, IF70, SC30, IF30, IF43, IF70, IF81, IF82, IF30, IF86, SS60

Prerequisites: HUB741 or equivalent

Credit points: 12

Contact hours: 4 per week

Campus offered: GP

■ HUB744 MEDIEVAL EUROPE

The unit covers selected topics in European politics and culture from the barbarian invasions of the fifth century AD, through the Carolingian period down to the civilisation of the late middle ages.

Courses: ED50, HU20, HU22, IF36, IF43, IF70, IF81, IF82,

IF83, IF84, IF86, SS60, IF30

Credit points: 12

Contact hours: 3 per week

Campus offered: CA

■ HUB751 PUBLIC & 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: HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

Credit points: 12

Contact hours: 3 per week

Campus offered: CA

■ HUB752 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: HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

Credit points: 12

Contact hours: 3 per week

Campus offered: CA

■ HUB753 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: HU20, HU22, IF36, IF39, IF43, IF81, IF82, IF83, IF84, IF86, IF30, SS60

Credit points: 12

Contact hours: 3 per week

Campus offered: CA

■ HUB754 FEMINISM & 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: HU20, HU22, IF36, IF43, IF81, IF82, IF83, IF84, IF86, IF30, SS60

Credit points: 12

Contact hours: 3 per week

Campus offered: CA

■ HUB755 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: HU20, HU22, IF36, IF43, IF81, IF82, IF83, IF84, IF86, IF30, SS60

Credit points: 12

Contact hours: 3 per week

Campus offered: CA

■ HUB757 ETHICS, TECHNOLOGY & 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: HU20, HU22, IF36, IF43, IF81, IF82, IF83, IF84, IF86, IF30, SS60

Credit points: 12

Contact hours: 3 per week

Campus offered: CA

■ HUB758 RESEARCH METHODS IN APPLIED ETHICS

Examines the different methods which characterise contemporary research in Applied Ethics. The historical emergence of Applied Ethics, the key assumptions which underpin the various methodologies, and the current critical debates on method are key topics considered in this unit.

Courses: HU20, HU22, HU21, NS40, NS48
Credit points: 12 **Contact hours:** 3 per week
Campus offered: CA

■ HUB760 INTRODUCTION TO GENDER STUDIES

Introduces a broad spectrum of issues related to gender studies and to the major theoretical debates about gender in fields including literature, history, psychology, philosophy, sociology and ethics.

Courses: HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60
Credit points: 12 **Contact hours:** 3 per week
Campus offered: CA

■ HUB772 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: HU20, HU22, IF36, ED50, IF30, IF70, IF43, IF81, IF82, IF86, SS60
Credit points: 12 **Contact hours:** 3 per week
Campus offered: CA

■ HUB800 POLITICS & MARKETS

Introduces major debates in political economy about mixed economy and balance between collective and individual provision; theories of production and consumption, modes of production and regulation, studies of public intervention.

Courses: HU20, HU22, IF36, ED50, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60
Credit points: 12 **Contact hours:** 3 per week
Campus offered: CA

■ HUB802 POLITICS & THE SOCIAL CONTRACT

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: HU20, HU22, IF36, ED50, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60
Credit points: 12 **Contact hours:** 3 per week
Campus offered: CA

■ HUB831 GENE TECHNOLOGY & 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.

Credit points: 12 **Contact hours:** 3 hours per week
Campus offered: CA

■ HUB901 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: HU21, SS13
Prerequisites: HU20, HU22, SS60, SS07 or equivalent
Credit points: 12 **Campus offered:** CA

■ HUB902 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: HU21, SS13
Prerequisites: HU20, HU22, SS60, SS13 or equivalent
Credit points: 12 **Campus offered:** CA

■ HUB903 HONOURS DISSERTATION 2

Supervised research and writing of the Honours dissertation, normally between 12 000 and 15 000 words.

Courses: HU21, SS13
Prerequisites: HU20, HU22, SS60, SS07 or equivalent, HUB901 and HUB902
Credit points: 36 **Campus offered:** CA

■ HUB952 INTERNSHIP PROGRAM 1

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.

Credit points: 24 **Semester offered:** 1, 2, SP

■ HUB953 INTERNSHIP PROGRAM 2

Opportunity for students to be placed in an appropriate off-campus situation in work related to their studies.

Credit points: 12 **Semester offered:** 1, 2, SP

■ HUB954 INDEPENDENT STUDIES UNIT

Designed to develop research and writing skills, and available within the BA degree, enabling students to engage in a small-scale research project.

Courses: HU20, HU22, SS60 **Credit points:** 12

■ HUB955 INDEPENDENT STUDIES UNIT – 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: HU20, HU22, SS60 **Credit points:** 12

■ HUX141 SOCIAL SCIENCE & HEALTH CARE

Provides sociological and anthropological analysis of health and health care models, services and institutions within Australian society. These perspectives provide an understanding of patterns of morbidity and mortality which are not randomly distributed but are associated or casually related to social structural variables such as ethnicity, gender, social class, marriage and family structure, age or geographical location.

Courses: HL12
Credit points: 12 **Contact hours:** 4 per week
Campus offered: KG **Semester offered:** 1

■ 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 complement this basic knowledge.

Courses: SC12, SC15

Credit points: 8

Contact hours: 2 per week

■ ITB105 STUDY OF INFORMATION TECHNOLOGY

Three compulsory modules are completed within this unit. Module 1 FIT Computing Environments and Utilities: The QUT access system, FIT PC and Unix networks; using E-mail in FIT; telnet and its use; FTP and its use; using FITSIS; Computer Managed Learning at QUT; Limitations of FIT computing resources. Module 2 QUT Information Resources: QUT handbook via the WWW; Electronic Reserve; FIT faculty resource guide; information retrieval in the QUT library; the library's Public Access Database; the WWW as a study resource. Module 3 Study Strategies: time management; listening and note taking; effective listening; concept mapping (quick and effective note taking).

Courses: IT21, IF58, IF59, IF79, IF38, IF48

Credit points: 0

Incompatible with: ITN105

Contact hours: 2 weeks (3 weeks for part-time students)

■ ITB106 FOUNDATIONS OF COMPUTING

Sets: basic definitions, operations and counting techniques; relations and functions: 1-1, m: 1, m: n relationships, domain and range, partial vs total order; introduction to propositional logic: propositions, truth values, truth tables, basic deduction, logical equivalence, laws of logic and boolean algebra; predicate calculus: predicates, quantification, equivalence, horn clauses, basic inferencing, introduction to automatic inferencing; 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

Credit points: 12

Contact hours: 3 per week

■ ITB107 PROGRAMMING LABORATORY

Reinforcement of the fundamental programming concepts already introduced in ITB410 through a series of practical exercises. Introduces students to another programming language. Develops practical programming skills in writing well structured and well documented software and in testing and debugging that software.

Courses: IT21, IF58, IF59, IT79, IF38, IF48

Prerequisites: ITB410

Credit points: 12

Contact hours: 3 per week

Incompatible with: ITN107

■ ITB220 DATABASE DESIGN

Three schema architecture. Conceptual schema design. Transformation of the conceptual schema design into logical file designs for relational databases. The normalisation process. The integrity of relational databases.

Courses: IF33, IF38, IF54, IT20, IT21, IF48, IF58, IF79

Prerequisites: ITB225

Credit points: 12

Contact hours: 3 per week

Incompatible with: ITN212

■ ITB221 3GL SYSTEMS

Extends student skills in structured program design and implementation through a widely used commercially oriented third generation language. Programming examples are drawn from typical industry applications such as sequential /on-line file updates and enquiries. Students will critically evaluate systems based on good design principles.

Courses: BS50, IF33, IF38, IT20, IT21, IF48, IF58

Prerequisites: ITB410 & ITB225

Credit points: 12

Contact hours: 3 per week

Incompatible with: ITN214

■ ITB222 SYSTEMS ANALYSIS & DESIGN

Introduction – role of information systems; system development life cycles. Approaches to systems development; overview of systems analysis; role of the systems analyst; problem definition; feasibility analysis; information gathering. Introduction to CASE Tools. Data modelling – use of CASE Tools. Process Modelling – introduction; drawing DFDs – use of CASE Tools. Process descriptions; system dictionaries/documentation; methodologies; walkthroughs; coping with change; prototyping; information system design principles; summary/trends in systems analysis.

Courses: IT20, IT21, IF38, IF48, IF58, IF79

Prerequisites: ITB310

Credit points: 12

Contact hours: 3 per week

Incompatible with: ITN211

■ ITB223 4GL SYSTEMS

Characteristics of a 4GL environment; 4GLs, databases, and information systems; creating a Database in the 4GL; reporting ad hoc reports and the report generator. Forms as the basis for an application, creating simple forms, creating master-detail forms, controlling the behaviour of forms through triggers, - coding transactions and processes;

Courses: IF33, IF38, IT20, IT21, IF48, IF58

Prerequisites: ITB220

Credit points: 12

Contact hours: 3 per week

Incompatible with: ITN223

■ 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, IF58, IF59, IF79, IF38, IF48

Credit points: 12

Contact hours: 3 per week

■ ITB226 INFORMATION THEORY

What is information? Information structures: models are types of information; information in the mind; language as information carrier; production and use of information.

Courses: IT21

Prerequisites: ITB106 & ITB225

Credit points: 12

Contact hours: 3 per week

Incompatible with: ITN226

■ ITB230 PROJECT

Project management skills; quality control, ethical and social implications; matters of professional practice.

Courses: IF33, IF38, IT20, IT21

Prerequisites: Completion of at least 72 credit points from the Information Systems major.

Credit points: 12

■ ITB232 DATABASE SYSTEMS

Database design tools; theory of normalisation; theoretical foundations of query languages; access methods; concurrency control; crash recovery; deadlock management and transaction management for advanced applications; query processing and optimisation; introduction to distributed databases.

Courses: IF33, IT20, IT21, IT40, IF48

Prerequisites: ITB220

Credit points: 12
Incompatible with: ITN232

Contact hours: 3 per week

■ ITB236 OBJECT-ORIENTED SYSTEMS

Object orientation modelling; the object model; the dynamic model; the functional model; OO analysis; OO design; OO implementation.

Courses: IT20, IT21, IF48

Prerequisites: ITB225 & ITB410

Credit points: 12

Contact hours: 3 per week

Incompatible with: ITN221

■ ITB240 GROUP PROJECT

The project unit provides students with a grounding in project related generic skills, and exposes students to the practical realities of the professional work environment. Students will usually work in small groups on a common topic.

Courses: IT20, IT21, IF48

Prerequisites: Successful completion of at least 72 credit points from the Information Systems major.

Credit points: 12

■ ITB241 INFORMATION TECHNOLOGY MANAGEMENT

Architecture and design of an Enterprise Wide System; system selection processes; demonstration of process model; outsourcing; implementation issues; project management and business issues with IT.

Courses: IF33, IF38, IT20, IT21, IF48

Prerequisites: ITB222

Credit points: 12

Contact hours: 3 per week

Incompatible with: ITN251

■ ITB242 MANAGEMENT SUPPORT SYSTEMS

Management support systems and other information systems; the role of the computer in decision making; management support systems, GDSS, EIS overview; the architecture of a management support system; model building; developing management support systems; placement of management support systems staff; management support systems software selection; applications of management support systems; executive information systems; group decision support systems.

Courses: BS50, IT20, IT21, IF48

Prerequisites: ITB310

Credit points: 12

Contact hours: 3 per week

Incompatible with: ITN215

■ ITB243 KNOWLEDGE-BASED SYSTEMS

Examination of the requirements for and development of knowledge-based systems in modern mainstream computing; the techniques used in capturing and automating knowledge; practical insights into designing, implementing and maintaining knowledge-based systems.

Courses: IT20, IT21

Prerequisites: ITB106

Credit points: 12

Contact hours: 3 per week

Incompatible with: ITN231

■ ITB244 SPECIAL TOPIC (DATABASES)

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 SPECIAL TOPIC (R/3 SYSTEMS ADMINISTRATION)

This unit is designed to allow for the significant development of, or emphasis in, R/3 systems administration not dealt with in other 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

Credit points: 12

Incompatible with: ITN245

Prerequisites: ITB241

Contact hours: 3 per week

■ ITB252 DISTRIBUTED DATABASES

Distributed query optimisation; distributed transaction management systems; distributed database architecture and distributed database issues using commercial databases and standard distributed computing commercial products based on the CORBA standard.

Courses: IT21

Credit points: 12

Incompatible with: ITN250

Prerequisites: ITB232

Contact hours: 3 per week

■ ITB253 CONCEPTUAL MODELLING

Conceptual modelling and the systems development life cycle; facts and relationships; constructing a conceptual schema diagram; refining and checking that schema; mapping to a relational schema; making simple statements formally; sets, types and constructed types; types and subtypes; mapping a conceptual schema diagram to a formally-expressed state schema; expressing rules using quantification; operations for describing change; specifying state transitions; Entity-relationship modelling; case study.

Courses: IT21

Prerequisites: ITB106 & ITB225* *Unit may be taken as a corequisite

Corequisites: ITB225

Credit points: 12

Contact hours: 3 per week

■ ITB254 INTERACTIVITY DESIGN

Introduction to human-computer interaction; principles of human cognition; introduction to evaluating interface designs; input/output and other basics; user centred design; requirements and task analysis; structured HCI design methods; guidelines and standards for interface design; prototyping in user needs specification; testing & evaluating interface designs; basics of support printed manuals, on-line help; Hypertext and other information exploration tools; demonstration & discussion of prototypes; summary and review.

Courses: IT21

Credit points: 12

Incompatible with: ITN254

Prerequisites: ITB257

Contact hours: 3 per week

■ ITB255 SPECIAL TOPIC (ITM)

This unit is designed to allow for the significant development of, or emphasis in, information technology management not dealt with in other course units. Selected topics and study areas are offered as required and when the expertise is available. See School of Information Systems announcements for details of topics being offered.

Courses: IT21

Credit points: 12

Prerequisites: To be determined

Contact hours: 3 per week

■ ITB256 SPECIAL TOPIC (MULTIMEDIA)

This unit is designed to allow for the significant development of, or emphasis in, multimedia not dealt with in other course units. Selected topics and study areas are offered as required and when the expertise is available. See School of Information Systems announcements for details of topics being offered.

Courses: IT21

Credit points: 12

Prerequisites: To be determined

Contact hours: 3 per week

■ ITB257 MULTIMEDIA SYSTEMS

Multimedia Authoring; Cognitive aspects of multimedia; the media elements; still images and text; moving images; sound (wave form, MIDI, voice); integration of time based media; compression and transmission of multimedia; hypermedia; putting a multimedia product together; client/server considerations for multimedia delivery; programming development for multimedia; the future in multimedia.

Courses: IT20, IT21, IF48

Credit points: 12

Incompatible with: ITN257

Prerequisites: ITB310

Contact hours: 3 per week

■ ITB258 ABAP PROGRAMMING

AP's 4GL Development language and environment ABAP is the proprietary 4GL that is shipped with R/3. The ABAP Development Workbench can be used for modifying or individually enhancing standard R/3 applications. However, its primary use is in developing individual solutions separate from SAP standard software with an integrated, professional tool kit. This unit provides an introduction to the use of the ABAP Workbench and tool kit in developing client/server business applications.

Courses: IT21**Prerequisites:** ITB223**Credit points:** 12**Contact hours:** 3 per week**Incompatible with:** ITN258 & ITN281**■ ITB259 ADVANCED MULTIMEDIA TECHNOLOGIES**

The unit includes: hands-on digitisation of all commonly used media (image, sound, video, animation); exploration of the literature on multimedia developments; design and evaluation of interactive multimedia applications; and development of an integrated class project.

Courses: IT21**Prerequisites:** ITB257**Credit points:** 12**Contact hours:** 3 per week**Incompatible with:** ITN259**■ ITB260 ELECTRONIC 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**Prerequisites:** ITB257 or ITB537**Credit points:** 12**Contact hours:** 3 per week**■ ITB310 INFORMATION MANAGEMENT**

Precursors to and formative influences on information management. Definitions of information and categorisation of levels of information management; information professions, their responsibilities and ethics, models for information science, information in organisations including internal and external sources and procedures for scanning; commercial databases. Introduction to standards and protocols for structuring information about information including mark-up such as SGML and HTML, transmission structures for EDI and MARC format, description control through information resource dictionaries and authority files, classification and indexing standards and query protocols.

Courses: IF38, IF54, IF58, IF79, IT20, IT21, IF48, IF59**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: hard copy and machine-readable (HC and MR) Including patents; technical/research reports, long-range planning information sources HC and MR including economic and business indicators; government documents; demographic data; forecasting techniques. Marketing information sources: HC and MR Standards; census data, company annual reports; people as sources of information; ethics of information gathering

Courses: IT20, IT21, IF48**Prerequisites:** ITB310**Credit points:** 12**Contact hours:** 3 per week**Incompatible with:** ITN322**■ ITB324 PERSONAL PRODUCTIVITY SOFTWARE**

Introduction and analyses of knowledge work tasks and activities: consideration of sources, analysis and storage: use of data as a basic unit of information including the organisation of information, information systems and, information technology. Descriptions of typical organisational data types and how they are accessed; approaches to applying software; fea-

tures of productivity software; current issues in productivity software.

Courses: IT21, IF48**Credit points:** 12**Prerequisites:** ITB225**Contact hours:** 3 per week**■ ITB330 INFORMATION ISSUES & VALUES**

Concepts of information and the associated technology create fundamental issues for society, particularly in the legal, political and social arenas. Exploration of the development of such concepts in order to create an awareness of both the indirect and direct impacts of information and the associated technology. Such an awareness is crucial in the effective direction of management of information.

Courses: IF52, IF54, IT20, IT21, IF48**Prerequisites:** Completion of 96 credit points of IT units.**Credit points:** 12**Contact hours:** 3 per week**Incompatible with:** ITN330**■ ITB331 INFORMATION ANALYSIS & PLANNING**

Burk and Horton's Information Mapping methodology based on information resource entities is undertaken in local organisations; the principles and practice of evaluation of information and information systems are considered with students undertaking evaluation exercises based on current information resources; the repackaging of information resources is considered and the principle of value adding and service evaluation are introduced; end user information needs are investigated across a range of environments and typical solutions, eg the information centre, are discussed; based on the above, planning (methodology and frameworks) in an information environment is introduced.

Courses: IF52, IF54, IT20, IT21, IF48**Prerequisites:** ITB310**Credit points:** 12**Contact hours:** 3 per week**■ ITB335 DIGITAL LIBRARIES**

Introduction: historical development of automated library systems, the effect upon them of computer networks and digitisation of information; document delivery and associated library subsystems: acquisitions, circulation and interlending; library cataloguing systems; meta-information standards and publishing; reference and information retrieval systems; text and image digitisation and retrieval systems; library networks; software for management support.

Courses: IT21**Prerequisites:** ITB222**Credit points:** 12**Contact hours:** 3 per week**Incompatible with:** ITN335**■ ITB337 INFORMATION ORGANISATION 1**

Description of recorded knowledge in its various forms, rules and standards for description and organisation in different environments; database creation, control and report formatting; comparison of bibliographic and nonbibliographic report formats; citation and citation software; content analysis and vocabulary control; indexing and indexing display formats; classification and introduction to general classification systems, and comparison with subject-specific systems.

Courses: IT21**Incompatible with:** ITP327**Credit points:** 12**Contact hours:** 3 per week**■ ITB338 INFORMATION RESOURCES PROVISION**

The concept of information and the information life cycle; intellectual property and intellectual freedom; assessing community information needs and wants; evaluation and maintenance of resource collections; cooperative collection development and resource sharing; the multifaceted role of conspectus; writing and testing a collection policy document; print, non-print and multimedia publishers/producers; legal and ethical issues in information resource provision; locating alternative information resource providers; selection aids and tools for acquiring information resource items; techniques for assessing community information needs.

Courses: IT21**Incompatible with:** ITP329**Credit points:** 12**Contact hours:** 3 per week

■ ITB339 PROFESSIONAL PRACTICE

Historical 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 other information professionals; field experience involving day-to-day employment in a library or other information agency.

Courses: IT21 **Prerequisites:** ITB322 & ITB337
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITP330

■ ITB340 PROJECT

A project is carried out as group work, with a minimum of 2 per group, and usually initiated by students, although staff make particular project suggestions that are available in the FITSIS project database to stimulate student ideas. The project requires a project management plan to be developed by the students and monitored before and during the project by the supervisor. The project normally is commenced by identifying a user group with a particular information need and then creating an outcome or product that satisfies, or provides a model for satisfying, the information requirement.

Courses: IT20, IT21 **Credit points:** 12
Prerequisites: Completion of at least 72 credit points from the Information Management major

■ ITB341 STRATEGIC INFORMATION MANAGEMENT

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 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: IT52, IF54, IT20, IT21 **Prerequisites:** ITB331
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
Credit points: 12 **Contact hours:** 3 per week

■ 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

■ ITB412 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: IT21, IF58, IF59, IT79, IF38, IF48
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITN412

■ ITB420 COMPUTER ARCHITECTURE

The organisation of simple computer systems and the way in which hardware provides the basic facilities for the machine are investigated. The unit also provides an introduction to the techniques involved in the programming of input-output operations, on uniprocessor systems.

Courses: IT20, IT21, IF59 **Prerequisites:** ITB412
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITN413

■ ITB421 SOFTWARE DEVELOPMENT 3

Quality software development requires the design and implementation of efficient data structures with their associated algorithms. Builds upon the concepts of encapsulation and abstraction which were introduced in ITB411 by examining a number of implementations of the Table abstraction and evaluates the efficiency of each implementation.

Courses: IT20, IT21, IF59 **Prerequisites:** ITB411
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITN414

■ ITB424 SOFTWARE ENGINEERING PRINCIPLES

Introduction to software engineering; life cycle models; software engineering as a discipline. Introduction to project management; working in groups; personality types; managing team meetings; project planning; log keeping and project estimation. Documentation standards. Testing strategies; white box and black box testing; test case specification; requirements testing. Basic system analysis and design. Simple requirements analysis. Introduction to Rigorous Specification. Software engineering issues.

Courses: IT20, IT21, IF59, IF79
Prerequisites: ITB106 & ITB411
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITN424

■ ITB426 OPERATING SYSTEMS

Operating systems architecture and concepts; application programming interfaces (APIs); process and device management; administration and security; process synchronisation scheduling and communication; models of concurrency; processes, threads, co-routines etc; parallel processing. Distributed systems – concepts and rationale; distributed operating systems and middleware; protocols and architecture; related object and component based technologies. Particular systems and platforms to be addressed will include some of Windows 2000, UNIX, Amoeba, CORBA, PVM, ada95.

Courses: IT21 **Prerequisites:** ITB421 & ITB412
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITN426 **Campus offered:** GP

■ 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 & ITN 424)
Credit points: 12 **Contact hours:** 3 per week

■ ITB433 PROGRAMMING LANGUAGES

This unit has a dual focus; it concerns the study of some modern programming language features and language processing. In particular a functional language is used to study: types, polymorphism and higher order routines. These features are finding their way into conventional languages; therefore it is important for students to understand them. Language processing, in the form of software tools, is a traditional area of com-

puting science which is finding many new applications. The concepts and techniques behind language processing are studied using a functional language, in particular: scanning, parsing, type checking, interpreting and compiling.

Courses: IT21, IF79 **Prerequisites:** ITB106 & 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 modeling (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

■ ITB442 FOUNDATIONS OF ARTIFICIAL INTELLIGENCE

This unit deals with the foundations of Artificial Intelligence, the principles of AI programming, and introduces Lisp and/or Prolog. 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 control strategies involved in heuristic search and Production Systems. An introduction to Knowledge-Based and Expert Systems is also included, in particular the architecture of Knowledge-Based Systems, knowledge acquisition and the building of Knowledge-Based Systems.

Courses: IT20, IT21, IF59 **Prerequisites:** ITB411
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITN441

■ ITB444 SPECIAL STUDIES 1

Aspects of current scientific interest; making allowances for significant developments in computing science not provided for in the remainder of the course program. Details of topics are published before the start of each semester.

Courses: IT20, IT21 **Prerequisites:** Dependent on topic.
Credit points: 12 **Contact hours:** 3 per week

■ ITB445 SPECIAL STUDIES 2

Aspects of current scientific interest; making allowances for significant developments in computing science not provided for in the remainder of the course program. Details of topics are published before the start of each semester.

Courses: IT20, IT21 **Prerequisites:** Dependent on topic
Credit points: 12 **Contact hours:** 3 per week

■ 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 **Credit points:** 12
Prerequisites: Completion of at least 72 credit points of Computing Science units

■ ITB448 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 classes, objects, encapsulation, inheritance and polymorphism. UML is introduced as a concrete example of an object oriented analysis and design notation. UML is used to show how to develop well-formed object oriented solutions. Finally, a number of more advanced aspects of C++ are considered.

Courses: IT20, IT21 **Prerequisites:** ITB107
Corequisites: ITB421 or assumed knowledge of "C" & data structures
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITN415

■ ITB450 ADVANCED COMPUTER ARCHITECTURE

Natural and technical constraints on computations. Overview of digital electronic technology. Spotting trends in computer technology. Computer performance measurement. Pipelined von Neumann processors. Methods of reducing the effect of pipeline hazards. Multifunction and superscalar pipelines. Case study of contemporary high performance processors. Vector processors. High speed I/O systems. High speed memory management and protected multi-tasking. Principles of parallel computing. Computing vs communication overhead. Parallel processing architectures. Connection networks and switches.

Courses: IF59, IT20, IT21, IT38/IT45
Prerequisites: ITB420 (IT38/IT45=ITN413)
Credit points: 12 **Contact hours:** 3 per week

■ 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

■ ITB456 GRAPHIC USER INTERFACES

This is an introduction to the design and construction of GUI's. Topics such as: the development of effective help systems; how the design of the GUI effects the user's usage of the system; how to evaluate the effectiveness of the GUI are included; and how windowing technologies effect the GUI are included. Although a computer science perspective is employed in the approach to the topics treated in this unit, influences from other disciplines are also discussed.

Courses: IT20, IT21 **Prerequisites:** ITB424
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITN456

■ ITB457 WINDOWS PROGRAMMING

The unit starts by using MFC (in Visual C++) to introduce the theory and practice of developing windows applications. Throughout the unit, MFC is contrast with Visual Basic; comparing factors such as expressiveness, efficiency and ease of use. Emphasis will be placed on concepts that are common to all windows development environments, namely general windowing concepts, the underlying MS Windows API they are built from, and the event-based style of programming they require. AWT, ASP, and DHTML.

Courses: IT21 **Corequisites:** ITB448
Credit points: 12 **Contact hours:** 3
Incompatible with: ITN457 **Campus offered:** GP

■ ITB458 JAVA & EXTENSIBLE PROGRAMMING

An introduction to the Java language and its underlying theoretical basis; the practice of Java programming, and the creation of Java-applets for the WWW. Broader issues of run-time extensibility, and the relationship to document-based programming systems.

Courses: IT20, IT21, IT38/IT45 **Prerequisites:** ITB421
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 modeling 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:** ITB410
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITN461

■ ITB463 FOUNDATIONS OF PATTERN RECOGNITION

The notion of patterns and their representation. Examples of pattern recognition problems. Overview of the field main approaches to pattern recognition. Statistical approach to Pattern Recognition. Linear discriminants. Clustering. Hidden Markov Models. Syntactic Pattern Recognition – string, tree, web, flex and shape grammars, parsing. Neural Network for pattern recognition. Self-organising feature maps.

Courses: IT20, IT21 **Prerequisites:** ITB410
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITN445

■ ITB464 MODERN COMPILER CONSTRUCTION

This unit provides students with a theoretical and practical understanding of all major components of a modern compiler, including scanner, parser, type checker, code generator, optimizer, and linker. By the end of the unit, students should be capable of writing a simple compiler of their own from scratch, as well as being able to make simple modifications to existing industrial strength compilers.

Courses: IT21, IT38/IT45
Prerequisites: ITB421 (IT38/IT45: ITN410, IT35/IT40: ITN414)

Credit points: 12 **Contact hours:** 3 per week

■ ITB465 CONCURRENT & DISTRIBUTED SYSTEMS

Process synchronization, scheduling and communication; models of concurrency: processes, threads, co-routines etc; parallel processing and parallel processing languages; memory management; the evolution of operating systems, distributed systems, distributed operating systems and middleware; distributed systems – their rationale, protocols and architecture; related object and component based technologies (overview level). Particular systems and platforms to be addressed will include some of WindowsNT, UNIX, Amoeba, CORBA, PVM, Ada95.

Courses: IT21, IT38/IT45

Prerequisites: ITB426 (IT38/IT45=ITN426)

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 which 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

■ ITB469 UNIX PROGRAMMING & SYSTEMS ADMINISTRATION

The unit will introduce students to the UNIX operating system at the systems programming and systems administration level. UNIX has been an operating system of choice in many organisations in industry for more than a decade. It is now also a significant part of the infrastructure of these same organisations WWW strategy. Included in the unit is a study of UNIX Shell programming, followed by an examination of UNIX kernel, file systems, device management, systems administration and security.

Courses: IT21, IF48, IF29, IF59 **Prerequisites:** ITB426
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:** ITB426
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP

■ ITB510 COMMUNICATIONS NETWORKS

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: IT21, IF38, IF48, IF58, IF59
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITN510, ITB520

■ ITB531 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, IT35/IT40

Prerequisites: ITB537 & ITB458
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITN521

■ ITB532 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, IT35/IT40 **Prerequisites:** ITB535
Credit points: 12 **Contact hours:** 3 per week

■ 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, IT40 **Prerequisites:** ITB535
Credit points: 12 **Contact hours:** 3 per week

■ ITB535 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, IT38/IT45
Prerequisites: ITB537 or ITN520
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITB521

■ ITB537 INTERNET APPLICATIONS

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 also covers the development of interactive HTML documents based on CGI programs written in the PERL programming language. The unit has a significant hands-on component.

Courses: IT21 **Prerequisites:** ITB107 & ITB510
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITN520

■ ITB538 NETWORK TECHNOLOGY

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 analyzing 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, IT38/IT45
Prerequisites: ITB537 & MAB177 (IT38/IT45: ITN520 & MAB177)

Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITB522, ITB530

■ ITB539 DATA COMMUNICATIONS PROJECT

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:** 3 per week

■ ITB541 TRANSMISSION TECHNIQUES

High speed networks, satellite communications, fibre optics and wireless LANs; performance and optimisation of network links; and the interconnection of telecommunications equipment based on international standards.

Courses: IT20, IT21 **Prerequisites:** ITB538
Credit points: 12 **Contact hours:** 3 per week

■ ITB542 NETWORK PROGRAMMING

This unit covers the basic theoretical and practical concepts of Unix network programming at the network applications level. Specifically client/server programming using the BSD Unix socket interface over both connection and connectionless oriented protocols; domain name and IP address conversion; simple interprocess communication techniques. Furthermore the more specialised topics of external data representations; remote procedure calls; IP version 4 and IP version 6 interoperability; and daemon process programming are covered.

Courses: IT20, IT21, IT35/IT40, IT38/IT45
Prerequisites: ITB421 & ITB537 (IT35/IT40 & IT38/IT45: ITN520)
Credit points: 12 **Contact hours:** 3 per week

■ ITB543 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, IT35/IT40
Prerequisites: ITB510 (IT35/IT40: ITN510)
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITN511

■ ITB546 SPECIAL TOPIC 1

This unit is designed to allow for the significant development of, or emphasis in, data communications 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 Data Communications announcements for details of topics being offered.

Courses: IT21 **Prerequisites:** ITB537 & ITB543
Credit points: 12 **Contact hours:** 3 per week

■ ITB548 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, IT35, IT40, MA34, SC30, SC60
Prerequisites: MAB177 or equivalent
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITN512

■ 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, IT35/IT40, MA34, SC30, SC60
Prerequisites: MAB177

Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITN549

■ ITB550 NETWORK ANALYSIS

Queueing systems; flow control algorithms and performance; adaptive shortest path routing strategies; optimal and other advanced routing strategies; network performance analysis; throughput and delay analysis of network access algorithms; network reliability analysis.

Courses: IT21 **Prerequisites:** ITB538
Credit points: 12 **Contact hours:** 3 per week

Incompatible with: ITB530

■ 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:** ITB535 & ITB538
Credit points: 12 **Contact hours:** 3 per week

■ ITB820 INTRODUCTION TO COMPUTING

The application of computer technologies. The principles of design, development and implementation of microcomputer applications. Effective use of spreadsheets and simple database applications.

Courses: CN41, CN43
Credit points: 6 **Contact hours:** 2 per week

■ ITB821 COMPUTER APPLICATIONS

The role of computer and information systems in the context of the building and construction industries. It includes an overview of the terminology and concepts of computing, communications, information systems technologies and an introduction to computer applications packages such as microcomputer spreadsheets software.

Courses: CN31, CN32, CN33
Credit points: 4 **Contact hours:** 2 per week

■ ITB823 WEB SITES FOR ELECTRONIC COMMERCE

Systems analysis and design for small 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 per week

■ ITB841 INTRODUCTION TO COMPUTING

Introduction to technical computer programming: teaching programming techniques for the writing of correct and efficient programs for limited but typical engineering problems; using programming techniques to write, modify and enhance program applications on selected computer systems using the PASCAL programming language.

Courses: CE42, EE43, EE44, IF56, ME45, ME46
Corequisites: CEB184
Credit points: 8 **Contact hours:** 3 per week

■ ITB842 INTRODUCTION TO C PROGRAMMING

Introduction to programming and to ANSI C as a tool for solving problems, particularly engineering and scientific problems. Topics include functions, arrays, pointers and numeric processing, modular and structured programming, abstraction, debugging and reasoning about programs. Programs will be developed and run on UNIX. A basic introduction to using UNIX is given.

Courses: ME45, ME46
Credit points: 8 **Contact hours:** 3 per week

■ ITB843 COMPUTING APPLICATIONS

An introduction to computer programming which covers simple applications in either MATLAB or Visual BASIC. Topics include: computer utilisation; computer organisation; hardware; software; data organisation; information storage re-

trieval; 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
Credit points: 12 **Contact hours:** 3 per week

■ ITB844 PROJECT

Students in IF25, either individually or in small groups, undertake a substantial project relevant to the needs of industry and designed to provide insight into industrial requirements. Each project is carried out under the supervision of a staff member whose interests lie in the field of the project. Before work commences on the project, the student(s) and supervisor must agree on the topic and the scope of the work to be attempted. This unit is offered over two semesters.

Courses: IF25 **Credit points:** 24
Prerequisites: Completion of at least 400 credit points in IF25

■ ITB846 INTRODUCTION TO INFORMATION TECHNOLOGY

This unit provides an overview of major aspects of information technology, especially in areas which may be of importance to engineering students. Topics include basic computer systems, programming and applications. Computer systems subtopics include user interfaces, files, system organisation, and networks. Programming is at a very elementary level using Qbasic, with discussion of implications for large systems developments. Applications cover spreadsheets and word processing in some detail, with a survey of a variety of other tools.

Courses: CE42, CE43, EE43, EE44, EE45, ME45, ME47
Credit points: 8 **Contact hours:** 3 per week

■ ITB850 NETWORK & SECURITY TECHNOLOGIES FOR ELECTRONIC COMMERCE

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 architecture (e.g. TCP/IP). An introduction to information security and communications network security issues in the context of electronic commerce.

Prerequisites: BSB112
Credit points: 12 **Contact hours:** 3 per week

■ ITB906 INDUSTRIAL TRAINING EXPERIENCE

Consists of a one year work experience program. For more information about this program, refer to the Cooperative 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

■ 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

■ ITD410 SOFTWARE DEVELOPMENT 1

This subject forms the basis of the major computing topics to be covered in later units, especially programming. All stu-

dents 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 an object-orientated programming language. Introduces the student to the need for software quality management and control during software development.

Courses: IT10

Credit points: 12

Contact hours: 4 per week

Incompatible with: ITB410

Campus offered: KG

■ 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

Credit points: 12

Prerequisites: ITD410

Contact hours: 4 per week

Incompatible with: ITB411

Campus offered: KG

■ 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

■ ITD510 COMMUNICATIONS NETWORKS

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

■ ITN100 RESEARCH METHODOLOGIES

Provides a basis for students to undertake a research project in the Honours and Masters programs. Examines the nature of information technology and the specific research approaches which are commonly applicable. Students will learn how to review literature relevant to their research and how to select the research method most appropriate to their project. Provides the foundation skills required in research: critical reviewing, analysis and writing.

Courses: IT30, IT35, IT40

Credit points: 12

Contact hours: 3 per week

■ ITN105 STUDY OF INFORMATION TECHNOLOGY

Three compulsory modules are completed within this unit. Module 1 FIT Computing Environments and Utilities: The QUT access system, FIT PC and Unix networks; using E-mail in FIT; telnet and its use; FTP and its use; using FITSIS; Computer Managed Learning at QUT; Limitations of FIT computing resources. Module 2 QUT Information Resources: QUT handbook via the WWW; Electronic Reserve; FIT faculty resource guide; information retrieval in the QUT library; the library's Public Access Database; the WWW as a study resource.

Courses: IT38/IT45, IT25

Credit points: 0

Contact hours: 2 weeks (3 weeks part-time)

Incompatible with: ITB105

■ ITN110 DISSERTATION 1

Designed to enable a student to pursue in some depth a particular area of interest, either professional or personal, in information technology.

Courses: IT30

Prerequisites: ITN100

Credit points: 12

■ ITN122 DISSERTATION 2 (IS)

Designed to enable a student to undertake research work in a particular area of information technology. Topic is decided by agreement between the student and a supervising staff member.

Courses: IT30

Prerequisites: ITN100 & ITN110

Credit points: 24

■ 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

■ 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

■ ITN132 DISSERTATION 2 (IS)

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

■ 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

■ ITN135 DISSERTATION 2 (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: IT30

Prerequisites: ITN100 & ITN110

Credit points: 24

■ ITN142 MAJOR PROJECT (IS)

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 post-graduate units

Credit points: 48

■ ITN144 MAJOR PROJECT (CS)

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 post-graduate units

Credit points: 48

■ 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

■ **ITN152 MAJOR PROJECT (IS)**

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

■ **ITN154 MAJOR PROJECT (CS)**

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

■ **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

■ **ITN160 RESEARCH PLAN**

Preparation of a comprehensive research proposal including: a complete review of the literature, review of research methodologies appropriate to the research proposal, identification of the research methodology to be adopted, specification of the research schedule, presentation and justification of the proposal via a seminar to other students and academic staff.

Courses: IT60

Credit points: 12

■ **ITN162 PROJECT (IS)**

Designed to enable a student to undertake research work in a particular area of information technology. Topic is decided by agreement between the student and a supervising staff member.

Courses: IT35/IT40

Prerequisites: 48 credit points in relevant postgraduate units

Credit points: 24

■ **ITN164 PROJECT (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: IT35/IT40

Prerequisites: 48 credit points in relevant postgraduate 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

■ **ITN172 PROJECT (IS)**

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

■ **ITN174 PROJECT (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: IT35/IT40

Prerequisites: 48 credit points in relevant postgraduate units

Credit points: 24

■ **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

■ **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, IT95

Credit points: 48

■ **ITN181 MAJOR PROJECT (IS)**

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

Credit points: 48

■ **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, IT95

Credit points: 48

■ **ITN184 MAJOR PROJECT (CS)**

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

Credit points: 48

■ **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

Credit points: 48

■ **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

Credit points: 48

■ **ITN211 SYSTEMS ANALYSIS & DESIGN**

Systems development life cycle; system development meth-

odologies; information gathering, process and data modelling, CASE tools; design techniques and guidelines; prototyping; quality assurance in information systems.

Courses: IT35/IT40, IT25, IT38/IT45

Credit points: 12

Contact hours: 3 per week

Incompatible with: ITB222 & ITB321

■ ITN212 INFORMATION MODELLING FOR DATABASES

Introduces students to the idea that information structures, to be useful in computer models, must be formally specified. A specification language is used to establish the theoretical foundations of relational databases, viewed as complex, long-lived information structures. In practical terms, the student learns to formulate unambiguous requirements for an information model, to summarise it as an entity-relationship, and to implement it via SQL.

Courses: IT38/IT45

Credit points: 12

Contact hours: 3 per week

■ ITN214 3GL SYSTEMS

Extends student skills in structured program design and implementation through a widely used commercially oriented third generation language. Programming examples are drawn from typical industry applications such as sequential /on-line file updates and enquiries. Students will critically evaluate systems based on good design principles.

Courses: IT38/IT45

Prerequisites: ITN212

Credit points: 12

Contact hours: 3 per week

Incompatible with: ITB221

■ ITN215 MANAGEMENT SUPPORT SYSTEMS

Management support systems and other information systems; the role of the computer in decision making; management support systems, GDSS, EIS overview; the architecture of a management support system; model building; developing management support systems; placement of management support systems staff; management support systems software selection; applications of management support systems; executive information systems; group decision support systems.

Courses: IT38/IT45

Prerequisites: ITN212

Credit points: 12

Contact hours: 3 per week

Incompatible with: ITB242

■ ITN220 MAJOR ISSUES IN INFORMATION SYSTEMS

Explores aspects of information technology of great potential significance to information systems professionals, such as the status of information system standards, the extent of integration of computer technology and data communications technology, as well as emerging social and ethical considerations with regard to information technology.

Courses: IF64, IT35/IT40, IT38/IT45

Credit points: 12

Contact hours: 3 per week

■ ITN221 OBJECT-ORIENTED SYSTEMS

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: IT38/IT45: ITN410 & ITN211; IT35/IT40: Nil

Credit points: 12

Contact hours: 3 per week

Incompatible with: ITB236 & ITB448

■ ITN223 4GL SYSTEMS

Management support systems and other information systems; the role of the computer in decision making; management support systems, GDSS, EIS overview; the architecture of a management support system; model building; developing management support systems; placement of management support systems staff; management support systems software selection; applications of management support systems; executive information systems; group decision support systems.

Courses: IT38/IT45

Prerequisites: ITN212

Credit points: 12

Contact hours: 3 per week

Incompatible with: ITB223

■ ITN226 INFORMATION THEORY

What is information? Information structures: models are types of information; information in the mind; language as information carrier; production and use of information.

Courses: IT38/IT45

Prerequisites: IT38/IT45: ITN212; IT35/IT40: Nil

Credit points: 12

Contact hours: 3 per week

Incompatible with: ITB226

■ ITN230 CURRENT ADVANCES IN DATABASE TECHNOLOGY

Current research activities and development in the area of the next generation database systems; a mixture of research papers and lecture notes on existing systems; practical and theoretical methodologies.

Courses: IT30, IT35/IT40, IT38/IT45

Prerequisites: ITN232

Credit points: 12

Contact hours: 3 per week

■ ITN231 KNOWLEDGE-BASED SYSTEMS

This unit assumes a background in conventional systems concepts, programming and database, and an exposure to fundamental expert systems concepts. Explores four major themes in knowledge-based systems: (a) conceptual: problem selection and structure, inference and knowledge representation; (b) technical: declarative and functional programming; (c) pragmatic: improving the yield from existing information base; and (d) methodological: questions associated with the definition, design and control of knowledge-based systems.

Courses: IT30, IT35/IT40, IT38/IT45

Prerequisites: ITN212 & ITN211

Credit points: 12

Contact hours: 3 per week

■ ITN232 DATABASE SYSTEMS

Database design tools; theory of normalisation; theoretical foundations of query languages; access methods; concurrency control; crash recovery; deadlock management and transaction management for advanced applications; query processing and optimisation; introduction to distributed databases.

Courses: IT38/IT45

Prerequisites: IT38/IT45: ITN212; IT35/IT40: Nil

Credit points: 12

Contact hours: 3 per week

Incompatible with: ITB232

■ ITN238 ADVANCED INFORMATION RETRIEVAL

Students demonstrate their knowledge of various research issues in information retrieval by problem-solving and presentation of a seminar.

Courses: IT30, IT35/IT40

Credit points: 12

Contact hours: 3 per week

■ ITN241 SPECIAL TOPIC

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

Credit points: 12

Contact hours: 3 per week

■ ITN244 SPECIAL TOPIC 1

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

Credit points: 12

Contact hours: 3 per week

■ ITN245 SPECIAL TOPIC (R/3 SYSTEMS ADMINISTRATION)

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 of-

ferred as required and when the expertise is available. See School of Information Systems announcements for details of topics being offered.

Courses: IT30, IT35/IT40

Credit points: 12

Contact hours: 3 per week

■ 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 supervising staff member.

Courses: IT35/IT40

Prerequisites: 48 credit points in relevant postgraduate units

Credit points: 12

Contact hours: 3 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 supervising staff member.

Courses: IT35/IT40

Prerequisites: 48 credit points in relevant postgraduate units

Credit points: 12

Contact hours: 3 per week

■ ITN250 DISTRIBUTED DATABASES

Distributed DBMS architectures, data replication and fragmentation; query decomposition and optimisation; transaction management in distributed settings; distributed concurrency control; recovery and multi-databases.

Courses: IT30, IT35/IT40, IT38/IT45

Prerequisites: ITN232

Credit points: 12

Contact hours: 3 per week

■ ITN251 ISSUES IN INFORMATION TECHNOLOGY MANAGEMENT

This unit presents the tactical and strategic management issues involved in managing an information technology unit. It focuses on those issues pertaining to the selection and adoption of an Enterprise Wide System such as a SAP R/3. Students will gain exposure to the functionality of such systems and understand its underlying technical architecture. We examine the issues surrounding the selection, acquisition and implementation of such a system, rather than the technology itself. Focus is on such issues as outsourcing, business process reengineering, change management, alignment, and relationship management.

Courses: IT30, IT35/IT40, IT38/IT45

Prerequisites: IT38/IT45: Completion of Block 1 units; IT35/IT40: Nil

Credit points: 12

Contact hours: 3 per week

Incompatible with: ITN283

■ ITN252 PROCESS ENGINEERING

The unit provides students with a firm foundation in the understanding of a wide range of critical issues affecting the management of business processes using ERP-software and workflow management systems. It describes the major strategic approaches, process-modelling techniques, procedure models and the current possibilities offered by SAP R/3 as an example for ERP-software that students are likely to encounter in identifying, reorganising and implementing processes in a typical business organisation.

Courses: IT30, IT35/IT40, IT38/IT45

Prerequisites: ITN251

Credit points: 12

Contact hours: 3 per week

■ ITN253 CASE STUDY PROJECTS IN EWS IMPLEMENTATION

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 human-computer interaction; principles of human cognition; introduction to evaluating interface designs; input/output; user centred design; requirements and task analysis; structured HCI design methods; guidelines and standards for interface design; prototyping in user needs specification; testing and evaluating interface designs; basics of support printed manuals, on-line help; Hypertext and other information exploration tools; demonstration and discussion of prototypes; summary and review.

Courses: IT30, IT35/IT40, IT38/IT45

Prerequisites: ITN257

Credit points: 12

Contact hours: 3 per week

Incompatible with: ITB254

■ ITN255 KNOWLEDGE MANAGEMENT & EWS

The unit focuses primarily 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

Campus offered: GP

■ ITN257 MULTIMEDIA SYSTEMS

Multimedia Authoring; Cognitive aspects of multimedia; the media elements; still images and text; moving images; sound (wave form, MIDI, voice); integration of time based media; compression and transmission of multimedia; hypermedia; putting a multimedia product together; client/server considerations for multimedia delivery; programming development for multimedia; 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

AP's 4GL Development language and environment ABAP is the proprietary 4GL that is shipped with R/3. The ABAP Development Workbench can be used for modifying or individually enhancing standard R/3 applications. However, its primary use is in developing individual solutions separate from SAP standard software with an integrated, professional tool kit. This unit provides an introduction to the use of the ABAP Workbench and tool kit in developing client/server business applications.

Courses: IT38/IT45

Prerequisites: IT38/IT45: ITN223; IT35/IT40: Nil

Credit points: 12

Contact hours: 3 per week

Incompatible with: ITB258

■ ITN259 ADVANCED TOPIC – MULTIMEDIA

The unit includes: hands-on digitisation of all commonly used media (image, sound, video, animation); exploration of the literature on multimedia developments; design and evaluation of interactive multimedia applications; and development of an integrated class project.

Courses: IT38/IT45

Prerequisites: ITN257

Credit points: 12

Contact hours: 3 per week

Incompatible with: ITB259

■ ITN260 ELECTRONIC 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

Incompatible with: ITB260

Campus offered: GP

Semester offered: GP

■ ITN281 ABAP PROGRAMMING

AP's 4GL Development language and environment ABAP is the proprietary 4GL that is shipped with R/3. The ABAP De-

velopment Workbench can be used for modifying or individually enhancing standard R/3 applications. However, its primary use is in developing individual solutions separate from SAP standard software with an integrated, professional tool kit. This unit provides an introduction to the use of the ABAP Workbench and tool kit in developing client/server business applications. Note: This unit may require attendance at QUT for four Saturday sessions.

Courses: IT50, IT93

Credit points: 12

Incompatible with: ITB258, ITN258

■ ITN282 CASE STUDIES IN ENTERPRISE WIDE SYSTEMS

This unit seeks to develop consultancy skills in SAP implementation through applying recognised research methods to a SAP implementation issue. The research objective or consultancy project is to be completed in ITN282 Research Project in Enterprise Wide Systems. Topics covered in this unit depend on the interest of the student, but will most likely come from: System Selection Processes, Process Engineering, Outsourcing, Implementation Issues (such as Business Process Reengineering, Benefits Realisation and Change Management), Alignment Issues, Relationship Management

Courses: IT50, IT93

Prerequisites: Either ITN283 or ITN286

Credit points: 12

Incompatible with: ITN253

■ ITN283 ISSUES IN INFORMATION TECHNOLOGY MANAGEMENT

This unit presents the tactical and strategic management issues involved in managing an information technology unit. It focuses on those issues pertaining to the selection and adoption of an Enterprise Wide System such as a SAP R/3. Students will gain exposure to the functionality of such systems and understand its underlying technical architecture. We examine the issues surrounding the selection, acquisition and implementation of such a system, rather than the technology itself. Focus is on such issues as outsourcing, business process reengineering, change management, alignment, and relationship management.. Note: It is recommended that this unit should be one of the first units completed in the EWS Module.

Courses: IT50, IT93

Credit points: 12

Incompatible with: ITN251

■ ITN284 PROJECT IN ENTERPRISE WIDE SYSTEMS IMPLEMENTATION

This unit is the capstone subject in the EWS Module. Here the student will be able to apply theory into current problems encountered at work. We believe that the student in this module is seeking to further their technical, managerial or consultancy skills and is seeking to apply these to advanced problems at work. Thus each student should have some project in mind. This unit is the implementation of the research project designed while Studying ITN282

Courses: IT50, IT93 **Prerequisites:** ITN282 and ITN283

Credit points: 12

■ ITN285 KNOWLEDGE MANAGEMENT & ENTERPRISE WIDE SYSTEMS

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

Credit points: 12

■ ITN286 PROCESS ENGINEERING & EWS

Process Engineering is concerned with the strategic and organisational issues of process and workflow management and the use of EWS software to realise efficient processes. The

unit provides students with a firm foundation in the understanding of a wide range of critical issues affecting the management of business processes using EWS software and workflow management systems.. It describes the major strategic approaches' process modelling techniques, procedure models and the current possibilities offered by SAP R/3 as an example for EWS software that students are likely to encounter in identifying, reorganising and implementing processes in a typical business organisation.

Courses: IT50

Credit points: 12

Contact hours: 0

■ ITN287 R/3 SYSTEMS ADMINISTRATION

R/3 is a fully integrated, off the shelf, open, client/server software system designed to manage all the business information needs of large enterprises. The efficient functioning of an enterprise utilising R/3 then can be directly related to the efficient functioning of the R/3 system. It is the system administrator's responsibility to ensure the efficient functioning of the R/3 system. This unit provides a practical introduction to the essential tasks of the R/3 systems administrator.

Courses: IT50

Credit points: 12

Contact hours: 0

■ ITN288 PROJECT – ABAP

Students may undertake a project in the area of ABAP programming. The topic is decided by agreement between the student and a supervising staff member.

Courses: IT50

Credit points: 12

Prerequisites: ITN281

Contact hours: 0

■ 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

Credit points: 12

Prerequisites: ITN287

Contact hours: 0

■ ITN290 PROJECT (KNOWLEDGE MANAGEMENT)

Students may undertake a project in the area of knowledge management. The topic is decided by agreement between the student and a supervising staff member.

Courses: IT50

Credit points: 12

Prerequisites: ITN285

Contact hours: 0

■ ITN291 PROJECT (PROCESS ENGINEERING)

Students may undertake a project in the area of process engineering. The topic is decided by agreement between the student and a supervising staff member.

Courses: IT50

Credit points: 12

Prerequisites: ITN286

Contact hours: 0

■ 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: hard copy and machine-readable (HC and MR)Including patents; technical/research reports, long-range planning information sources HC and MR including economic and business indicators; government documents; demographic data; forecasting techniques. Marketing information sources: HC and MR Standards; census data, company annual reports; people as sources of information; ethics of information gathering.

Courses: IT38/IT45

Credit points: 12

Contact hours: 3 per week

Incompatible with: ITB322

■ ITN330 INFORMATION ISSUES & VALUES

Concepts of information and the associated technology create fundamental issues for society, particularly in the legal, political and social arenas. Exploration of the development of

such concepts in order to create an awareness of both the indirect and direct impacts of information and the associated technology. Such an awareness is crucial in the effective direction of management of information.

Courses: IT38/IT45

Credit points: 12 **Contact hours:** 3 per week

Incompatible with: ITB330

■ ITN335 DIGITAL LIBRARIES

Introduction: historical development of automated library systems, the effect upon them of computer networks and digitisation of information; document delivery and associated library subsystems: acquisitions, circulation and interlending; library cataloguing systems; meta-information standards and publishing; reference and information retrieval systems; text and image digitisation and retrieval systems; library networks; software for management support.

Courses: IT38/IT45, IT25

Prerequisites: ITN211

Credit points: 12 **Contact hours:** 3 per week

Incompatible with: ITB335

■ ITN340 INFORMATION AGENCIES

Students will develop an understanding of the information and information technology consulting industry in Queensland, Australia and the world. Students will be introduced to the case study research methodology; a method implicitly employed by many consultants. Students will also be introduced to Action Research, a type of case study where the researcher has a vested interest in outcomes of the situation being studied. Students develop a detailed case study design for the study of an information or IT consulting company in Queensland and will be introduced to Process Engineer, a methodology generator.

Courses: IF64, IT30, IT35/IT40

Credit points: 12 **Contact hours:** 3 per week

■ ITN341 INFORMATION POLICY & PLANNING

The relationship between the public and private sectors in information provision, and an examination of the information industry and corporate and government policies relating to it.

Courses: IF64, IT25, IT30, IT35/IT40, IT38/IT45

Prerequisites: ITN330

Credit points: 12 **Contact hours:** 3 per week

■ ITN343 PRINCIPLES OF INFORMATION MANAGEMENT

The information resource; information as an organisational resource; evolution of information resources management; information management with reference to management principles; management information systems; applications of environmental scanning; information technology management; information flows and information mapping; information resource evaluation; information management and business strategy; information added value; information and competitive advantage; social intelligence.

Courses: IT35/IT40, IT38/IT45, IT25

Credit points: 12 **Contact hours:** 3 per week

■ ITN347 INFORMATION MANAGEMENT PROJECT 1

Students may pursue a specialised area or broaden their knowledge in areas of relevance to their employment. Topic is decided by agreement between the student and a supervising staff member.

Courses: IT35/IT40, IT38/IT45

Prerequisites: Completion of Block 1 units & ITN343

Credit points: 12

■ ITN348 INFORMATION MANAGEMENT PROJECT 2

Students may pursue a specialised area or broaden their knowledge in areas of relevance to their employment. Topic is decided by agreement between the student and a supervising staff member.

Courses: IT35/IT40, IT38/IT45

Prerequisites: Completion of Block 1 units & ITN343

Credit points: 12

■ ITN350 INFORMATION CONTEXTS

Survey research methods; proposal writing; ethics in the provision of information resources and information services; marketing of information services; user education; referral services; an overview of programs providing information resources and services for persons with special needs; developing reliable and valid measuring instruments for program evaluation.

Courses: IT35/IT40, IT38/IT45

Prerequisites: Completion of IT25

Credit points: 12 **Contact hours:** 3 per week

■ ITN355 INFORMATION RESOURCES FOR BUSINESS & INDUSTRY

Commercial information services: historical perspective on the types of services offered in academic, state, public and special libraries; consideration of the ongoing debate about the opposing philosophies of freedom of access to information vs a feebased information service; information requirements of the business and industrial community and implications for library services; investigation of what types of services are required and can be targeted to help further develop existing library resources (can our commercial information service run at a profit?); issues involved in selling information, including legal liabilities and ethical concerns; how to establish a fee-based service, including staff selection; staff skills, client relationships, confidentiality, management and location of the service; implications for the future; costs and the relationship of costs to the rapid expansion of the Internet.

Courses: IT35/IT40, IT38/IT45

Prerequisites: ITN322

Credit points: 12 **Contact hours:** 3 per week

Incompatible with: ITN322

■ ITN357 SPECIAL TOPIC – INFORMATION STUDIES

Topic developed on an individual basis.

Courses: IT35/IT40

Prerequisites: Depends on topic

Credit points: 12

■ ITN361 INFORMATION USER INSTRUCTION

This unit introduces students to principles and techniques for designing, implementing and evaluating instruction which will enhance their client's ability to work within contemporary information environments. Different approaches to information literacy and information literacy education will be considered, and ways of conceiving teaching and learning will be explored.

Courses: IT25, IT38/IT45, IT35/IT40

Prerequisites: ITP327 or ITP328

Credit points: 12 **Contact hours:** 3 per week

Campus offered: GP

■ ITN410 SOFTWARE PRINCIPLES

Re-use, reliability, maintainability and efficiency are important qualities of software. Concepts and techniques are introduced to support the emergence of these qualities. Programming fundamentals and structured programming techniques will be reviewed before covering advanced programming techniques such as recursion, dynamic data structures and the Abstract Data Type (ADT) concept applied to stacks, queues and tables with various implementations.

Courses: IT35/IT40, IT38/IT45

Credit points: 12 **Contact hours:** 3 per week

Incompatible with: ITB421

■ ITN411 SYSTEMS ARCHITECTURE & OPERATING SYSTEMS

A comprehensive introduction to the internal working of computer systems. Main components of a computer system: processor, memory and I/O devices; machine instruction sets; assembler programming; interrupt driven input output; mass storage and file systems; services provided by an operating system; processes; multitasking; review of contemporary operating systems.

Courses: IT35/IT40

Corequisites: ITN410

Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITB412

■ 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 **Contact hours:** 3 per week
Incompatible with: ITB412

■ ITN413 COMPUTER ARCHITECTURE

The organisation of simple computer systems and the way in which hardware provides the basic facilities for the machine are investigated. The unit also provides an introduction to the techniques involved in the programming of input-output operations, on uniprocessor systems.

Courses: IT38/IT45 **Contact hours:** 3 per week
Prerequisites: IT38/IT45: ITN412, IT35/IT40: Nil
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITB420

■ ITN414 SOFTWARE DEVELOPMENT 3

Quality software development requires the design and implementation of efficient data structures with their associated algorithms. Builds upon the concepts of encapsulation and abstraction which were introduced in ITN410 by examining a number of implementations of the Table abstraction and evaluates the efficiency of each implementation.

Courses: IT38/IT45
Prerequisites: Assumed knowledge of procedural programming
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITB421

■ ITN415 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 classes, objects, encapsulation, inheritance and polymorphism. UML is introduced as a concrete example of an object oriented analysis and design notation. UML is used to show how to develop well-formed object oriented solutions. Finally, a number of more advanced aspects of C++ are considered.

Courses: IT38/IT45
Prerequisites: IT38/IT45: ITN410; IT35/IT40: Nil
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITB448

■ ITN420 COMPARATIVE PROGRAMMING LANGUAGES

Language is the fundamental conceptual tool and means of expression within information technology therefore its principles must be understood and similarities and differences between different languages appreciated. This unit provides an understanding of languages currently used and, importantly, possible directions of development. Language is also the major technical support for software engineering principles, and can be seen as a large part of the solution to software engineering problems.

Courses: IT30, IT35/IT40, IT38/IT45
Prerequisites: ITN433* & ITN426*
Corequisites: *Unit can be taken as a corequisite.
Credit points: 12 **Contact hours:** 3 per week

■ 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: IT38/IT45: ITN410; IT35/IT40: ITN414
Credit points: 12 **Contact hours:** 3 per week

■ ITN424 SOFTWARE ENGINEERING PRINCIPLES

Introduction to software engineering; life cycle models; software engineering as a discipline. Introduction to project management; working in groups; personality types; managing team meetings; project planning; log keeping and project estimation. Documentation standards. Testing strategies; white box and black box testing; test case specification; requirements testing. Basic system analysis and design. Simple requirements analysis. Introduction to Rigorous Specification. Software engineering issues.

Courses: IT38/IT45
Prerequisites: IT38/IT45: ITN410; IT35/IT40: Nil
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITB424

■ ITN426 OPERATING SYSTEMS

Operating systems architecture and concepts; application programming interfaces (APIs); process and device management; administration and security; process synchronisation scheduling and communication; models of concurrency: processes, threads, co-routines etc; parallel processing. Distributed systems – concepts and rationale; distributed operating systems and middleware; protocols and architecture; related object and component based technologies. Particular systems and platforms to be addressed will include some of Windows 2000, UNIX, Amoeba, CORBA, PVM, ada95.

Courses: IT38/IT45, IT35/IT40
Prerequisites: IT38/IT45: ITN412; IT35/IT40: Nil
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITB426 **Campus offered:** GP

■ ITN430 ADVANCED OPERATING SYSTEMS

This unit has two themes: the nature, design and implementation of real-time systems on the one hand, and the nature of object-oriented programming environments and operating systems on the other. The second theme is supported by the coverage of a number of relevant industry standards. Students are expected to be familiar with systems programming and object-oriented concepts.

Courses: IT30, IT35/IT40, IT38/IT45
Prerequisites: ITN410 and ITN411
Credit points: 12 **Contact hours:** 3 per week

■ ITN431 DISTRIBUTED SYSTEMS

The rationale for distributed computer systems, their domain of application and the principles underlying the construction of distributed systems software. A number of representative systems are examined.

Courses: IT30, IT35/IT40, IT38/IT45
Prerequisites: ITN426
Credit points: 12 **Contact hours:** 3 per week

■ ITN433 PROGRAMMING LANGUAGES

This unit has a dual focus; it concerns the study of some modern programming language features and language processing. In particular a functional language is used to study: types, polymorphism and higher order routines. These features are finding their way into conventional languages; therefore it is important for students to understand them. Language processing, in the form of software tools, is a traditional area of computing science which is finding many new applications. The concepts and techniques behind language processing are studied using a functional language, in particular: scanning, parsing, type checking, interpreting and compiling.

Courses: IT38/IT45
Prerequisites: IT38/IT45: ITN410; IT35/IT40: Nil
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: ITB433

■ ITN440 GRAPHICS

This unit is intended to acquaint students with the nature of

computer graphics hardware and software. It aims in particular to provide a thorough grounding in 2D and 3D graphics algorithms, and in the design and implementation of graphics software, so as to enable students to implement graphic systems in their application areas.

Courses: IT38/IT45, IT35/IT40

Prerequisites: IT38/IT45: ITN410, IT35/IT40: ITN414

Credit points: 12

Contact hours: 3 per week

Incompatible with: ITB440

Campus offered: GP

■ ITN441 ARTIFICIAL INTELLIGENCE

Students enrolled in this unit have lectures, tutorials and assignments combined with ITB442 Foundations of Artificial Intelligence and are expected to achieve at a higher level to pass. This unit deals with the foundations of Artificial Intelligence, the principles of AI programming, and introduces Lisp and/or Prolog. 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 control strategies involved in heuristic search and Production Systems. An introduction to Knowledge-Based and Expert Systems is also included, in particular the architecture of Knowledge-Based Systems, knowledge acquisition and the building of Knowledge-Based Systems.

Courses: IT30, IT35/IT40, IT38/IT45

Prerequisites: IT38/IT45: ITN410; IT35/IT40: Nil

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: ITN461

Credit points: 12

Contact hours: 3 per week

■ 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: IT38/IT45: ITN410; IT35/IT40: Nil

Credit points: 12

Contact hours: 3 per week

■ 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 cps in relevant post graduate units

Credit points: 12

Contact hours: 3 per week

■ 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

Prerequisites: To be determined

Credit points: 12

Contact hours: 3 per week

■ 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 cps in relevant post graduate units

Credit points: 12

Contact hours: 3 per week

■ ITN450 COMPILER LABORATORY

Students review the notes on advanced code generation as a reading course. They also perform a project of their own choosing, but within the area of the current projects of the research centre.

Courses: IT60, IT35/IT40, IT38/IT45

Prerequisites: ITN433

Credit points: 12

Contact hours: 3 per week

■ ITN451 RESEARCH LITERATURE STUDIES

Critical review & evaluation of recent research papers from broad areas relevant to machine learning; presentation of seminars on nominated papers by students; participation in discussion of papers.

Courses: IT30, 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: IT38/IT45: ITN410 & ITN424*; IT35/IT40: ITN424; IT21: ITN424 or equivalent

Corequisites: *Unit can be taken as a corequisite

Credit points: 12

Contact hours: 3 per week

Incompatible with: ITB454

■ ITN456 GRAPHIC USER INTERFACES

This is an introduction to the design and construction of GUI's. Topics such as: the development of effective help systems; how the design of the GUI effects the user's usage of the system; how to evaluate the effectiveness of the GUI are included; and how windowing technologies effect the GUI are included. Although a computer science perspective is employed in the approach to the topics treated in this unit, influences from other disciplines are also discussed.

Courses: IT38/IT45

Prerequisites: IT38/IT45: ITN410; IT35/IT40: Nil

Credit points: 12

Contact hours: 3 per week

Incompatible with: ITB456

■ ITN457 WINDOWS PROGRAMMING

The unit starts by using MFC (in Visual C++) to introduce the theory and practice of developing windows applications. Throughout the unit, MFC is contrast with Visual Basic; comparing factors such as expressiveness, efficiency and ease of use. Emphasis will be placed on concepts that are common to all windows development environments, namely general windowing concepts, the underlying MS Windows API they are built from, and the event-based style of programming they require. AWT, ASP, and DHTML.

Courses: IT38/IT45, IT35/IT40

Corequisites: ITN448

Credit points: 12

Contact hours: 3 per week

Incompatible with: ITB457

Campus offered: GP

■ ITN458 JAVA & EXTENSIBLE PROGRAMMING

An introduction to the Java language and its underlying theoretical basis; the practice of Java programming, and the creation of Java-applets for the WWW. Broader issues of run-time extensibility, and the relationship to document-based programming systems.

Courses: IT38/IT45, IT35/IT40

Prerequisites: IT38/IT45: ITN410, IT35/IT40: ITN414

Credit points: 12

Contact hours: 3 per week

Incompatible with: ITB458

Campus offered: GP

■ ITN480 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: IT50, IT91

Credit points: 12

Incompatible with: ITB466

■ ITN481 OBJECT TECHNOLOGY

The unit provides an introduction to Object Technology and C++. The unit first examines how using object-orientated 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

Credit points: 12

Incompatible with: ITB448

■ ITN482 EXTENSIBLE PROGRAMMING & JAVA

The unit provides an introduction to the Java language, its standard libraries, the theoretical models underpinning the design decisions of language and libraries and the creation of Java applications and applets. Broader issues of runtime extensibility and the relationship to distributed connectivity are considered. The content comprises three modules: Object-Oriented Programming in Java; Advanced Language Features; and Distributed Connectivity.

Courses: IT50, IT91

Credit points: 12

Incompatible with: ITB458

■ ITN483 SOFTWARE ENGINEERING & QUALITY ASSURANCE

The unit introduces students to the discipline and principles of software engineering and quality assurance. Emphasis will be placed on the benefits provided by a controlled software engineering process. Issues related to software quality management and accreditation will be considered with particular emphasis given to the ISO 9000 family of standards.

Courses: IT50, IT91

Credit points: 12

Incompatible with: ITB454

■ ITN484 DISTRIBUTED SYSTEMS

This unit is intended to provide a thorough understanding of the rationale for distributed computer systems, their domain of application and the principles of distributed control underlying their construction. A number of representative systems will be examined throughout the subject with practical work being carried out using the Common Object Request Broker Architecture (CORBA) to reinforce theoretical concepts in a practical setting.

Courses: IT50, IT91

Credit points: 12

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

Credit points: 12

Contact hours: 0

■ ITN486 WINDOWS PROGRAMMING

The unit starts by using MFC (in Visual C++) to introduce the theory and practice of developing windows applications. Throughout the unit, MFC is contrast with Visual Basic; comparing factors such as expressiveness, efficiency and ease of use. Emphasis will be placed on concepts that are common to

all windows development environments, namely general windowing concepts, the underlying MS Windows API they are built from, and the event-based style of programming they require.

Courses: IT50, IT91

Contact hours: 12 per week

Incompatible with: ITN457

■ ITN510 DATA NETWORKS

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

Credit points: 12

Contact hours: 3 per week

Incompatible with: ITB510

■ ITN511 DATA SECURITY

This unit deals with the managerial and technical aspects involved in protecting the security of information in an organisation. 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

Prerequisites: IT38/IT45: ITN510 & IT35/IT40: Nil

Credit points: 12

Contact hours: 3 per week

Incompatible with: ITB543

■ ITN512 INTRODUCTION TO CRYPTOLOGY

This unit provides students with a background in the fundamental concepts of cryptology, both in the areas of cryptography and cryptanalysis. Topics include: classical, modern and public key ciphers; practical cryptology.

Courses: IT38/IT45

Prerequisites: IT38/IT45: MAB177. IT35/IT40: Nil

Credit points: 12

Contact hours: 3 per week

Incompatible with: ITB548

■ ITN520 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 also covers the development of interactive HTML documents based on CGI programs written in the PERL programming language. The unit has a significant hands-on component.

Courses: IT35/IT40, IT38/IT45

Prerequisites: IT38/IT45: ITN510 & ITN410. IT35/IT40: Nil

Credit points: 12

Contact hours: 3 per week

Incompatible with: ITB537

■ ITN521 NETWORK APPLICATIONS

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: IT38/IT45: ITN520. IT35/IT40: Nil

Credit points: 12

Contact hours: 3 per week

Incompatible with: ITB531

■ ITN526 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: 36 cps in relevant postgraduate units

Credit points: 12

Contact hours: 3 per week

■ ITN528 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: 72 credit points in relevant postgraduate units

Credit points: 12 **Contact hours:** 3 per week

■ ITN530 CORPORATE TELECOMMUNICATIONS

The issues of design, control, security and management of enterprise-wide networks. The corporate network encompasses integrating a company's telecommunications systems, including local area networks, metropolitan area networks, wide area networks (national and international), voice networks, and other special services.

Courses: IT30, IT35/IT40

Credit points: 12 **Contact hours:** 3 per week

■ 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: IT38/IT45: ITN512. IT35/IT40: ITN414, ITN520 & (ITN512 OR ITN556)

Credit points: 12 **Contact hours:** 3 per week

■ ITN535 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

■ ITN536 TOPICS IN SECURITY

Plots 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: ITN511* or ITN512*

Corequisites: *Unit can be taken as a corequisite

Credit points: 12 **Contact hours:** 3 per week

■ ITN540 ADVANCED NETWORK TECHNOLOGIES

This unit details the latest network technologies including: broadband networking concepts; review of existing technologies; fast and switched ethernet; frame relay; ATM; SONET/SDH; mobile communications; and optical networking.

Courses: IT30, IT35/IT40

Prerequisites: ITN520

Credit points: 12 **Contact hours:** 3 per week

Incompatible with: ITB541

■ 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 com-

pression 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

Prerequisites: IT38/IT45: MAB177. IT35/IT40: Nil

Credit points: 12 **Contact hours:** 3 per week

Incompatible with: ITB549

■ ITN554 SPECIAL TOPIC

An advanced topic in data networks is studied in detail. The topic concerned will depend on the interests of the Faculty member or visitor responsible for the unit during any semester in which the unit is offered.

Courses: IT30, IT35/IT40

Prerequisites: As determined

Credit points: 12 **Contact hours:** 3 per week

■ 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: ITN512

Credit points: 12 **Contact hours:** 3 per week

■ ITN581 CRYPTOGRAPHIC FUNDAMENTALS & 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

Credit points: 12

■ 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

Credit points: 12

■ 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

■ ITN584 ACCESS CONTROL & 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

Credit points: 12

■ 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 is to be agreed upon by the student and both the academic and industrial supervisor prior to enrolment in this project.

Courses: IT92, IT50

Campus offered: GP

Prerequisites: Satisfactory completion of at least 24 credit points of Information Security units

Credit points: 12

Contact hours: 0

■ ITP327 INFORMATION ORGANISATION 1

Description of recorded knowledge in its various forms, rules and standards for description and organisation in different environments; database creation, control and report formatting; comparison of bibliographic and nonbibliographic report formats; citation and citation software; content analysis and vocabulary control; indexing and indexing display formats; classification and introduction to general classification systems, and comparison with subject-specific systems.

Courses: IT25

Incompatible with: ITB337

Credit points: 12

Contact hours: 3 per week

■ ITP328 INFORMATION SOURCES 1

Different media and the publishing process; primary, secondary and tertiary published information resources; critical success factors and environmental scanning; what environmental scanning is and how it works; characteristics of resources in the humanities, social sciences, sciences and technology; 'lead in' tools, general reference tools, abstracting and indexing services both hard copy and machine readable; conducting a client interview; selecting an on-line or hardcopy database, selecting a database provider, developing a search strategy, designing a search query; proliferation of Internet resources; identification and location of specialist publications.

Courses: IT25

Credit points: 12

Contact hours: 3 per week

■ ITP329 INFORMATION RESOURCES PROVISION

The concept of information and the information life cycle; intellectual property and intellectual freedom; assessing community information needs and wants; evaluation and maintenance of resource collections; co-operative collection development and resource sharing; the multifaceted role of conspectus; writing and testing a collection policy document; print, non-print and multimedia publishers/producers; legal and ethical issues in information resource provision; locating alternative information resource providers; selection aids and tools for acquiring information resource items; techniques for assessing community information needs.

Courses: IT25

Incompatible with: ITB338

Credit points: 12

Contact hours: 3 per week

■ ITP330 PROFESSIONAL PRACTICE

Historical 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 other information professionals; field experience involving day-to-day employment in a library or other information agency.

Courses: IT25

Prerequisites: ITP327 & ITP328

Credit points: 12

Contact hours: 3 per week

Incompatible with: ITB339

■ ITP331 MANAGEMENT OF INFORMATION PROGRAMS

This unit introduces students to generic management principles and examines their application in an information services library (or some other information agency) environment. Theoretical perspectives, and the adoption of a case studies approach, are combined to consider practical issues in different types of institutions and their information programs.

Courses: IT25

Credit points: 12

Campus offered: GP

Contact hours: 3 per week

■ ITZ210 FOUNDATIONS OF INFORMATION MODELLING

It is common to sharply distinguish between the specification and the implementation of organisational information systems. There are, however, many important ideas that are shared. Introduces notation from mathematics and logic that may be used to describe these ideas. An information system models some aspect of an organisation and contains both specific and general statements about it. The specific statements are stored in the database and the more general ones end up as program. This unit describes how much statements may be specified in the Z notation and implemented in SQL.

Courses: IT34 (Offshore offering)

Credit points: 12

Contact hours: 3 per week

Incompatible with: ITB210, ITN210

■ ITZ211 SYSTEMS ANALYSIS & DESIGN

For the creation of a useful and usable information system, it is essential that the feasibility of the system has been established, that the users requirements are known, and that a suitable user interface is specified. This unit develops basic systems development skills by teaching the methodology and techniques.

Courses: IT34 (Offshore offering)

Credit points: 12

Contact hours: 3 per week

Incompatible with: ITB222, ITN211, ITB321

■ ITZ343 PRINCIPLES OF INFORMATION MANAGEMENT

The information resource: information as an organisational resource; evolution of information resources management; information management with reference to management principles; management information systems; applications of environmental scanning; information technology management; information flows and information mapping; information resource evaluation; information management and business strategy; information added value; information and competitive advantage; social intelligence.

Courses: IT34 (Offshore offering)

Credit points: 12

Contact hours: 3 per week

Incompatible with: ITN343

■ ITZ410 SOFTWARE PRINCIPLES

Re-use, reliability, maintainability and efficiency are important qualities of software. Concepts and techniques are introduced to support the emergence of these qualities. Programming fundamentals and structured programming techniques will be reviewed before covering advanced programming techniques such as recursion, dynamic data structures and the Abstract Data Type (ADT) concept applied to stacks, queues and tables with various implementations.

Courses: IT34 (Off-shore offering)

Credit points: 12

Contact hours: 3 per week

Incompatible with: ITB422 and ITN410

■ ITZ411 SYSTEMS ARCHITECTURE & OPERATING SYSTEMS

A comprehensive introduction to the internal working of computer systems emphasising the complementarity of software and hardware. Main components of a computer system: processor, memory and I/O devices; machine instruction sets; assembler programming; interrupt driven input output; mass storage and file systems; services provided by an operating system; processes; multitasking; review of contemporary operating systems; multiprocessor systems and distributed systems.

Courses: IT34 (Off-shore offering)

Corequisites: ITZ410

Credit points: 12

Contact hours: 3 per week

Incompatible with: ITN411 and ITB412

■ ITZ510 DATA NETWORKS

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

■ JSB011 SOCIAL ISSUES FOR JUSTICE PROFESSIONALS 1

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. By examining equality and inequality, Social Issues for Justice Professionals 1 is your introduction to social justice. More specifically, an understanding of the social divisions of race, class, gender, ethnicity and age, which operate in Australian society, will provide the conceptual framework for understanding the way in which inequality is produced and reproduced. Through this conceptual framework a variety of social, political, historical, cultural and economic contexts will be examined. This will enable you to position your own knowledge on these issues, aid in your construction of different ways of understanding, and impinge upon your perception of the criminal justice system (though this will be dealt with in more detail in Social Issues for Justice Professionals 2). Remember that along with the other disciplines of psychology, law, criminology and philosophy, such sociological knowledge informs our interpretation and understanding of justice and injustice in society.

Courses: JS31, JS33, LW41, LW42

Credit points: 12

Contact hours: 3 per week

Incompatible with: JSB101

Campus offered: KG

■ JSB012 COMMUNICATION FOR JUSTICE PROFESSIONALS

Personnel in human service agencies such as law enforcement and justice administration are highly dependent upon proficient written and oral communication skills. Competent written and oral communication skills are also essential for academic success. This unit lays the foundation for effective writing and oral presentations in academic work and future professional applications. Students are assisted to think critically and creatively in the planning and presentation of written and oral work and are encouraged to assess and improve the style and technical aspects of their writing and oral presentations.

Courses: JS31, JS33, LW41, LW42

Credit points: 12

Contact hours: 3 per week

Incompatible with: JSB104

Campus offered: KG

■ JSB013 LAW & GOVERNMENT 1

This unit introduces the concepts of law and government, focusing on fundamental principles that form the basis of processes of government in Australia at both federal and state levels. The unit also critically examines the role of government in making and administering the law, and in the operation of particular areas of public law, such as freedom of information, privacy laws and anti-discrimination laws. The unit aims to provide students with a knowledge of legal and political issues crucial to their careers as justice professionals.

Courses: JS31, JS33

Credit points: 12

Contact hours: 3 per week

Incompatible with: JSB103

Campus offered: KG

■ JSB014 INTRODUCTION TO JUSTICE RESEARCH

Justice Studies adopts a multidisciplinary approach to knowledge. Several disciplines such as sociology, psychology, criminology, philosophy and law form the basis of the Justice Studies program. This unit will focus on these different knowledge bases which various professions use to inform their research and practice, with particular emphasis on what it means to do 'just' research.

Courses: JS31, JS33, LW41, LW42

Credit points: 12

Contact hours: 3 per week

Incompatible with: JSB108

Campus offered: KG

■ JSB015 SOCIAL ISSUES FOR JUSTICE PROFESSIONALS 2

Building on structural ways of understanding social inequality, this unit will examine the relationship between social justice and criminal justice. It will be argued that criminal justice is intimately tied to social justice and the related components of rights, citizenship and equality. In this way, criminal justice can only be as 'just' as the society in which it is based. Because this is a sociological approach, the concepts of race, class and gender will also be utilised and their importance in any analysis of social justice examined. Social Issues for Justice Professionals 2 will give students a context for professional minors and a foundation for locating their knowledge within the various disciplines that constitute justice studies.

Courses: JS31, JS33, LW41, LW42

Credit points: 12

Contact hours: 3 per week

Incompatible with: JSB202

Campus offered: KG

■ JSB016 INTERPERSONAL SKILLS FOR JUSTICE PROFESSIONALS

Skills development and their application in relation to the self and in interaction with others. Both functional and dysfunctional styles are examined.

Courses: JS31, JS33, LW41, LW42

Credit points: 12

Contact hours: 3 per week

Incompatible with: JSB105

Campus offered: KG

■ JSB017 LAW & GOVERNMENT 2

This unit provides students with an understanding of the relationship between law and society. Legal dispute resolution processes are explored, and the judicial development of the law is examined along with theoretical notions of justice. The unit also focuses on the criminal justice system and the aims, objectives and practical procedures of its three main components – the investigative, adjudicative and corrections components. The unit extends the development of ideas and concepts introduced in Law and Government 1, again with the intention of providing a sound fundamental knowledge base for justice focused careers.

Courses: JS31, JS33

Credit points: 12

Contact hours: 3 per week

Incompatible with: JSB216

Campus offered: KG

■ JSB018 CRIMINOLOGY 1

Examines formal theories of crime as articulated by academic criminologists. Theories are located in historical context and understood within the framework of 'governability.' The latter highlights the way 'crime' and the 'crime problem' have been thought about by those professing to be 'criminologists'. Attention is also drawn to the way formal criminological theories have shaped developments in western systems of crime control.

Courses: JS31, JS33, LW41, LW42

Credit points: 12

Contact hours: 3 per week

Incompatible with: JSB107

Campus offered: KG

■ JSB021 CRIMINOLOGY 2

This unit examines various sociological theories of punishment. Attention is drawn to the role that punishment is said to play in society, especially in relation to the regulation and control of certain 'problem populations'. In examining the 'rationalities of punishment' (retribution, deterrence, rehabilitation, reintegration etc) the unit highlights the complex relationship between power, knowledge and criminal justice. The unit further examines punishment in the contemporary context of growing social exclusions in neo-liberal states and the deepening devisions brought about by globalization.

Courses: JS31, JS33, LW41, LW42

Credit points: 12

Contact hours: 3 per week

Incompatible with: JSB304

Campus offered: KG

■ JSB022 CRIMINAL LAW IN CONTEXT 1

Presents to students fundamental principles of criminal law as well as the social and political forces that shape those laws. It focuses on crimes of violence including sexual assault, child abuse, elder abuse and domestic violence. It also deals with

sentencing issues and with the changing role of the victim.

Courses: JS31, JS33, LW41, LW42

Credit points: 12

Incompatible with: JSB201

Contact hours: 3 per week

Campus offered: KG

■ JSB023 HUMAN DYNAMICS & THE JUSTICE PROCESS 1

Explores how 'investigative' psychology, and the human dynamics it involves, both informs and illuminates the interpersonal effectiveness of the 'practitioner – client' relationship with the criminal justice system. Topics will cover the professional roles of police officer, human services officer, correctional officer, policy research officer as well as 'client groups' like offenders, victims, witnesses, magistrates and inmates.

Courses: JS31, JS33, LW41, LW42

Credit points: 12

Incompatible with: JSB203

Contact hours: 3 per week

Campus offered: KG

■ JSB024 CRIMINAL LAW IN CONTEXT 2

Presents to students fundamental principles of criminal law as well as the social and political forces that shape those laws in the areas of crimes of morality; drug, public order offences; war crimes and hate crimes; state corruption and whistleblowers; property crimes; white collar crimes and proceeds of crime. It also looks at the due process aspects of criminal procedure.

Courses: JS31, JS33, LW41, LW42

Credit points: 12

Incompatible with: JSB204

Contact hours: 3 per week

Campus offered: KG

■ JSB031 INVESTIGATION AND EVIDENCE

This unit is designed for students who seek a knowledge of the law and the workings of the legal system in the context of the law of evidence. The unit emphasises the fundamental links between social justice and the justice system while outlining the various rules of evidence in Australian courts. This unit aims to expand your knowledge in this respect by looking in detail at concepts and principles within one area of law: the law of evidence, and the related law of investigation. So that the context to this one area is made clear, the unit includes a full overview of the legal system. It then looks at what is admissible as evidence in the civil courtroom, the civil tribunal and the criminal courtroom. Considerable attention is paid to the increasing use of experts in courts and tribunals. An introduction to legal research is included. The rationale is to provide knowledge that equips students to work in this area, whether as an expert scientific witness, a lawyer or a justice professional.

Courses: JS31, JS33, LW41, LW42

Credit points: 12

Incompatible with: JSB301

Contact hours: 3 per week

Campus offered: KG

■ JSB032 ALTERNATIVE JUSTICE PROCESSES

The nature of social conflict is examined in light of a number of theories of power. Conflict and dispute resolution processes such as adjudication, negotiation, arbitration and mediation are analysed and compared. The specific characteristics of particular types of conflict are discussed along with an analysis of the application of specific conflict resolution processes to those conflicts. Particular emphasis is placed on a critical evaluation of the current role played by alternatives to adjudication within the legal system.

Courses: JS31, JS33, LW41, LW42

Credit points: 12

Campus offered: KG

Contact hours: 3 per week

■ JSB033 HUMAN DYNAMICS & THE CRIMINAL JUSTICE PROCESS 2

Explores how 'investigative' psychology, and the human dynamics it invokes, both informs and illuminates the interpersonal effectiveness of the 'practitioner -organisation' relationship within the criminal justice system.

Topics will cover 'organisational dynamics' to do with role stress, trauma and victimisation, critical incident stress and PTSD, organisational stress and pathologies as well as 'prac-

itioner dynamics' of personal and systemic dis-empowerment and empowerment.

Courses: JS31, JS33, LW41, LW42

Credit points: 12

Incompatible with: JSB303

Contact hours: 3 per week

Campus offered: KG

■ JSB034 JUSTICE & ACCOUNTABILITY

Provides students with a working knowledge of these two broad yet inter-related areas of accountability and justice. Firstly by exploring what accountability entails as a professional within the justice arena. Secondly by exploring the concept of justice and how it is understood and used within western society. Topics will cover the various forms of accountability inward, upward, downward and outward, as well as historical and contemporary conceptions and models of justice, with emphasis on social, restorative and community justice.

Courses: JS31, JS33, LW41, LW42

Credit points: 12

Campus offered: KG

Contact hours: 3 per week

■ JSB041 JUVENILE JUSTICE

Juvenile justice remains a central concern in Australian society. For many years it has attracted substantial public and government attention, which, in turn, has prompted considerable changes to legislation, court procedures, policing matters and welfare intervention. Juvenile crime is central to politics: "getting tough" on young offenders is a staple of election campaigns. This course will examine the history and theory of juvenile justice; the empirical background to understanding juvenile justice; the institutions of juvenile justice including the police, courts, welfare and diversionary schemes.

Courses: JS31, JS33, LW41, LW42

Credit points: 12

Campus offered: KG

Contact hours: 3 per week

■ JSB042 CRIME & THE WORKPLACE

This course will shift the focus away from conventional blue-collar offenders by recognising that crime occurs in sites other than on the streets. Crime in the workplace can take a number of forms from conventional offences to crimes relating to the nature of the workplace itself. Offenders can be employees, employers, company directors or companies themselves. The question arises whether traditional criminal justice responses are appropriate.

Courses: JS31, JS33, LW41, LW42

Credit points: 12

Campus offered: KG

Contact hours: 3 per week

■ JSB043 CRIME RESEARCH METHODS

Criminology students undertaking research projects need to have a sound knowledge and understanding of basic methods of research design and research analysis. This subject is intended to be an introduction to research design and methodology for use in the fields of criminal justice, justice administration and criminology. Emphasis will be placed upon the collection and interpretation of data, through an understanding of the logic of research design and methodology in criminology and the social sciences.

Courses: JS31, JS33, LW41, LW42

Credit points: 12

Campus offered: KG

Contact hours: 3

Semester offered: 1

■ JSB044 RESPONDING TO CRIME

This subject will explore responses to crime that are broader than the traditional criminal justice response. It will also explore the appropriateness or otherwise of blanket responses to crime and question whether responses need to be more tailor-made. Finally, it will consider the issue of how the interests of victims of crime may be adequately addressed.

Courses: JS31, JS33, LW41, LW42

Credit points: 12

Campus offered: KG

Contact hours: 3 per week

■ JSB051 INTRODUCTION TO CRIMINAL LAW & EVIDENCE

This unit of study provides the student with the basics for dealing with the enforcement aspect of the Criminal Justice

System. The unit addresses – the basic legal principles, rules and concepts of the criminal justice process including an introduction to the rules of evidence. The student is required to gain an understanding of the basic arrangements and apply them to practical situations.

Courses: JS31, JS33, LW41, LW42

Credit points: 12

Contact hours: 3 per week

Incompatible with: JSB109

Campus offered: KG

■ JSB052 POLICE PROCEDURE & PRACTICE

The role and function of policing, enforcement practices: the workings of the criminal justice system and the art of investigation in conjunction with the documentation required when presenting a criminal matter before the courts.

Courses: JS31, JS33, LW41, LW42

Credit points: 12

Contact hours: 3 per week

Incompatible with: JSB210

Campus offered: KG

■ JSB053 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 the Governments through 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 gain an understanding of the historical development, social perceptions and impact of organised crime. Students also consider the strategies employed to combat organised crime including the extent of investigation and/or Commissions of Inquiry documented to date.

Courses: JS31, JS33, LW41, LW42

Credit points: 12

Contact hours: 3 per week

Incompatible with: JSB310

Campus offered: KG

■ JSB054 ISSUES IN POLICING

This unit endeavours to expose students to the multifarious nature of policing and the impact that societal developments have on policing and vice versa.

Courses: JS31, JS33, LW41, LW42

Credit points: 12

Contact hours: 3 per week

Campus offered: KG

■ JSB061 PROCESS THEORY & APPLICATION

Studies take a generic approach to intelligence while examples are predominantly crime-related. This unit addresses: the principles 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: JS31, JS33, LW41, LW42

Credit points: 12

Contact hours: 3 per week

Incompatible with: JSB211

Campus offered: KG

■ JSB062 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: JS31, JS33, LW41, LW42

Credit points: 12

Contact hours: 3 per week

Incompatible with: JSB213

Campus offered: KG

■ JSB063 INTELLIGENCE RESEARCH ISSUES, PROCEDURES & PRACTICE

Integrates the work from JSB061 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 research.

Courses: JS31, JS33, LW41, LW42

Credit points: 12

Contact hours: 3 per week

Incompatible with: JSB313

Campus offered: KG

■ JSB064 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: JS31, JS33, LW41, LW42

Credit points: 12

Contact hours: 3 per week

Incompatible with: JSB311

Campus offered: KG

■ JSB065 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: JS31, JS33, LW41, LW42

Credit points: 12

Contact hours: 3 per week

Incompatible with: JSB221

Campus offered: KG

■ JSB066 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: JS31, JS33, LW41, LW42

Credit points: 12

Contact hours: 3 per week

Incompatible with: JSB222

Campus offered: KG

■ JSB067 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: JS31, JS33, LW41, LW42

Credit points: 12

Contact hours: 3 per week

Incompatible with: JSB223

Campus offered: KG

■ JSB071 CORRECTIONS & THE COMMUNITY 1

From Torture to Corrections – a passage in the history of punishment.

The ideological and epistemological genesis of current correctional practice – British, American and Australian penal systems and their philosophical underpinnings, 1700s to the present.

Courses: JS31, JS33, LW41, LW42

Credit points: 12

Contact hours: 3 per week

Incompatible with: JSB217

Campus offered: KG

■ JSB072 CORRECTIONS & THE COMMUNITY 2

Contemporary Western Prisons – what social return for the imprisonment of the underclass? Who we incarcerate and the

criteria we use in the choosing of prisoners (a class-based analysis of the process of criminalisation). How is community enhanced by our incarceration practices? Retribution, deterrence, incapacitation and rehabilitation – institutional schizophrenia?

Courses: JS31, JS33, LW41, LW42

Credit points: 12

Contact hours: 3 per week

Incompatible with: JSB218

Campus offered: KG

■ JSB073 CORRECTIONS & THE COMMUNITY 3

Contemporary Community Corrections – an attempt at inclusionary social control? Exclusionary and inclusionary social control – why have we moved to community-based corrections for the majority of offenders? What is the social status of persons on community corrections programs – members of the community or hidden prisoners? What role is there for restorative justice?

Courses: JS31, JS33, LW41, LW42

Credit points: 12

Contact hours: 3 per week

Incompatible with: JSB317

Campus offered: KG

■ JSB074 CORRECTIONS & THE COMMUNITY 4

Alternative to Prisons – a society with more prisons or a society without prisons? Experiments in alternatives – what the West has tried. Is there a philosophy and practice that turns offenders into community members?

Courses: JS31, JS33, LW41, LW42

Credit points: 12

Contact hours: 3 per week

Incompatible with: JSB318

Campus offered: KG

■ JSB081 LAW & PUBLIC POLICY

Introduces students to the practice of public policy formulation, development and implementation with specific emphasis on the legislative and legal implications of policy work. The unit adopts a practical approach to developing real policy consultation, analysis and writing skills, whilst also addressing the more theoretical aspects of policy development processes. Teamwork and a thorough understanding of governmental policy processes is also emphasised.

Courses: JS31, JS33, LW41, LW42

Credit points: 12

Contact hours: 3 per week

Campus offered: KG

■ JSB082 LEGAL RIGHTS & RESPONSIBILITIES

Society demands certain responsibilities from its citizens once they are classed as adults. Rights and duties fall to the adult person in our society in terms of health, housing, relationships and employment or welfare. These rights and responsibilities inform the unit, which focuses on health, housing, relationships and family and employment or welfare. Links are drawn across the various areas so that an analysis of the modern legal adult citizen emerges. The health issues include access to health care, men's health and gambling. Family issues include right to property and settlements upon separation or divorce and rights and responsibilities concerning children. Property issues include mortgage transactions and residential tenancies. Workplace and welfare issues include the increasing blur between "work" and "welfare", work for the dole and extensive coverage of work stress and workplace victimisation. The unit is taught through a combination of lectures, tutorials and electronic delivery and endeavours to synthesise legal and justice ideas and issues across the entire course.

Courses: ED50, JS31, JS33, LW41, LW42

Credit points: 12

Contact hours: 3 per week

Incompatible with: JSS005

Campus offered: KG

■ JSB083 ADMINISTRATIVE LAW & JUSTICE

Mechanisms of state accountability, their philosophy and practice are examined in order to provide a working knowledge of the administrative justice system and its social and political environment. Particular emphasis is placed on the capacity of administrative law to provide both public accountability and participation in decision making. Key areas covered include theories of the administrative state, merits review, judicial review, freedom of information, the ombud's office and core principles.

Courses: ED50, JS31, JS33, LW41, LW42

Credit points: 12

Contact hours: 3 per week

Campus offered: KG

■ JSB084 JUSTICE & HUMAN RIGHTS

The political and philosophical and legal constructs known as rights are becoming increasingly important for the Australian justice professions as well as for public sector workers in general. Australia's international and domestic human rights obligations are presented, and their relevance for the legal system is analysed. The common law history of human rights is explored along with the changing nature of such rights throughout this century. Human rights problems in our region are also discussed as well as Australia's history and approach, particularly regarding indigenous citizens.

Courses: ED50, JS31, JS33, LW41, LW42

Credit points: 12

Contact hours: 3 per week

Incompatible with: JSB314

Campus offered: KG

■ JSB085 LAW & LEGAL INSTITUTIONS

This unit introduces the concepts of law and government, focusing on fundamental principles that form the basis of processes of government in Australia at both federal and state levels. The unit also critically examines the role of government in making and administering the law, and in the operation of particular areas of public law, such as freedom of information, privacy laws and anti-discrimination laws. The unit aims to provide students with a knowledge of legal and political issues crucial to their teaching careers.

Courses: ED50

Credit points: 12

Contact hours: 3 per week

Incompatible with: JSS001

Campus offered: KG

■ JSB086 LAW OF CIVIL OBLIGATIONS 1

Students who study this subject should acquire basic legal knowledge and develop skills, attitudes and values to enhance their competence to teach this area of law and legal studies at secondary school level. This unit is designed to familiarise students with the main legal principles in relations to consumer laws especially trade practices and contracts. In particular, the law in relation to the formation of contract and remedies for such breaches are covered. The impact of the Trade Practice Act upon traditional contract law will also be introduced. The background to the Act and the various governmental inquiries held into the legislation since its enactment are covered. The applicable law and the policy background of specific areas of the act are canvassed together with enforcement and remedies. The aim is to explore concepts underpinning contract law and trade practices as well as the rationale for these principles and the ways in which these areas of law provide consumer protection.

Courses: ED50, JS31, JS33

Credit points: 12

Contact hours: 3 per week

Incompatible with: JSS002

Campus offered: KG

■ JSB087 LAW OF CIVIL OBLIGATIONS 2

This unit is designed to familiarise students with the growing area of tort law. It is called the Law of Civil Obligations because it links tort law to the concept of obligation in the civil law sphere. It therefore explains how we can be liable for damages for failure to meet the type of obligations we expect of one another, particularly in the professional sphere. The basic principles of the law will be examined through the cases. The areas of study will concentrate on the law of negligence but will include an overview of the related intentional torts, of defamation, nuisance, and new areas such as toxic torts and liability of media. Negligent misstatement will be examined in detail. The unit aims to encourage students to recognise areas of life where interests are legally protected and to question exactly what we have classified as a harm under the law of torts. From this we can question how we regulate risk through the civil law.

Courses: ED50, JS31, JS33

Credit points: 12

Contact hours: 3 per week

Incompatible with: JSS003

Campus offered: KG

■ JSB088 CRIMINAL LAW & PROCEDURE

Presents to students fundamental principles of criminal law as well as the social and political forces that shape those laws. It focuses on crimes of violence including sexual assault, child abuse, elder abuse and domestic violence. It also deals with sentencing issues and with the changing role of the victim.

Courses: ED50

Credit points: 12

Contact hours: 3 per week

Incompatible with: JSS004

Campus offered: KG

■ JSB092 APPLIED JUSTICE RESEARCH

This project study unit allows students within the undergraduate degree program to study a topic of personal academic interest which is not otherwise available as a formal subject in the area of social justice. This unit differs from other units within the undergraduate program in that there are a minimum of scheduled lecturers. The initiative to choose the topic for research and organise the project are the responsibility of the student in consultation the unit coordinator.

Courses: JS31, JS33, LW41, LW42

Credit points: 12

Contact hours: 3 per week

Incompatible with: JSB312

Campus offered: KG

■ JSB401 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: JS40

Campus offered: KG

Credit points: 12

Contact hours: 2 per week

■ JSB402 PROFESSIONAL STUDIES 1

Designed to enable students to extend studies within an area of professional expertise or to extend their knowledge, skills and expertise in another area of professional study. Students may choose from one of the five professional areas on offer: Law Enforcement; Intelligence and Security; Corrections and the Community; Legal and Justice Policy; or Criminology.

Courses: JS40

Campus offered: KG

Credit points: 12

Contact hours: 2 per week

■ JSB403 PROFESSIONAL STUDIES 2

Designed to enable students to extend studies begun in the unit JSB402. This allows for completion of a secondary major or extended study in one of the five professional areas on offer: Law Enforcement; Intelligence and Security; Corrections and the Community; Legal and Justice Policy; or Criminology.

Courses: JS40

Prerequisites: JSB402

Credit points: 12

Contact hours: 2 per week

Campus offered: KG

■ JSB404 THESIS 1

This initial unit will offer students the opportunity to prepare the groundwork for the 15 000 word thesis, that is a major part of the Honours program. The thesis must reflect the students ability to conceptualise, theorise and implement an appropriate research project.

Courses: JS40

Prerequisites: JSB043

Credit points: 12

Contact hours: 2 per week

Campus offered: KG

■ JSB405 JUSTICE ORGANISATIONS

Explores organisational issues which impact on the separate organisations such as the police, corrective services, the courts, and so on, which comprise the justice system. Specific topics will be approached from the perspective of the individual, the groups to which the individual belongs, and the organisation that is made up of these groups. Among the topics studied will be individual behaviour, attitudes and values; group dynamics, communication and leadership; and organisational structure, culture and change.

Courses: JS40

Credit points: 12

Campus offered: KG

Contact hours: 2 per week

■ JSB406 THESIS 2

Students are required to submit a research thesis of approximately 15,000 words. It is expected that the thesis will be based upon an empirical study of a particular field related to the Justice professions.

Courses: JS40

Credit points: 36

Campus offered: KG

Prerequisites: JSB404

Contact hours: 2 per week

■ JSB407 THESIS 3

Part-time students are required to submit a research thesis of approximately 15,000 words. It is expected that the thesis will be based upon an empirical study of a particular field related to the Justice professions.

Courses: JS40

Credit points: 12

Campus offered: KG

Prerequisites: JSB404

Contact hours: 2 per week

■ JSB408 THESIS 4

Part-time students are required to submit a research thesis of approximately 15,000 words. It is expected that the thesis will be based upon an empirical study of a particular field related to the Justice professions.

Courses: JS40

Credit points: 24

Campus offered: KG

Prerequisites: JSB404

Contact hours: 2 per week

■ JSB444 EVIDENCE & INVESTIGATION FOR FORENSIC SCIENTISTS

This unit is designed for both justice and science students. It provides a broad knowledge of the law and the workings of the legal system in the context of the law of evidence. The unit emphasises the fundamental links between social justice and the justice system while outlining the various rules of evidence in Australian courts. This unit aims to expand your knowledge in this respect by looking in detail at concepts and principles within one area of law: the law of evidence, and the related law of investigation. So that the context to this one area is made clear, the unit includes a full overview of the legal system. It then looks at what is admissible as evidence in the civil courtroom, the civil tribunal and the criminal courtroom. Considerable attention is paid to the increasing use of experts in courts and tribunals. An introduction to legal research is included. The rationale is to provide knowledge that equips students to work in this area, whether as an expert scientific witness, a lawyer or a justice professional.

Courses: SC01

Credit points: 12

Campus offered: GP

Contact hours: 3 per week

■ 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

Campus offered: GP

Contact hours: 2 per week

■ JSN002 THEORETICAL CRIMINOLOGY

Examines the development of criminological theory through the prism of governmentality. Attention is paid to the emergent context 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

Campus offered: KG

Contact hours: 2 per week

■ 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

Campus offered: KG

Contact hours: 2 per week

■ 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

Campus offered: KG

Contact hours: 2 per week

■ 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

Credit points: 12

Campus offered: GP

Prerequisites: JSN001

Contact hours: 2 per week

■ 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

Campus offered: KG

Contact hours: 2 per week

■ 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

Credit points: 12

Campus offered: KG

Prerequisites: JSN006

Contact hours: 2 per week

■ JSN012 THE LAW, MORALITY & THE MEDIA

Intelligence and security activities provide an advantage to public and private sector organisations in pursuance of their missions and goals. The ultimate goal for these support activities can fall within combinations of ethical, unethical, legal and illegal practice. Intelligence and security activities are studies in relation to public and private morality, the rights of individuals, their 'need to know' and their 'right to know'. It examines relationships and responsibilities of intelligence and security professionals and organisations.

Courses: JS51, LW51

Credit points: 12

Campus offered: KG

Contact hours: 2 per week

■ JSN014 LAW, JUSTICE & 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 impli-

cations 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

Campus offered: GP

Contact hours: 2 per week

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

Campus offered: KG

Credit points: 24

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

Campus offered: KG

Credit points: 24

Semester offered: 2

■ JSP001 LAW & GOVERNMENT 1

This unit introduces the concepts of law and government, focusing on fundamental principles which form the basis of processes of government in Australia at both federal and state levels. The unit also critically examines the role of government in making and administering the law, and in the operation of particular areas of public law, such as freedom of information, privacy laws and anti-discrimination laws. The unit aims to provide students with a knowledge of legal and political issues crucial to their careers as justice professionals.

Courses: JS41

Credit points: 12

Campus offered: KG

Contact hours: 3 per week

■ JSP002 CRIMINAL LAW IN CONTEXT 1

Presents to students fundamental principles of criminal law as well as the social and political forces that shape those laws. It focuses on crimes of violence including sexual assault, child abuse, elder abuse and domestic violence. It also deals with sentencing issues and with the changing role of the victim.

Courses: JS41

Credit points: 12

Campus offered: KG

Contact hours: 3 per week

■ JSP003 LAW & GOVERNMENT 2

This unit provides students with an understanding of the relationship between law and society. Legal dispute resolution processes are explored, and the judicial development of the law is examined along with theoretical notions of justice. The unit also focuses on the criminal justice system and the aims, objectives and practical procedures of its three main components – the investigative, adjudicative and corrections components. The unit extends the development of ideas and concepts introduced in Law and Government 1, again with the intention of providing a sound fundamental knowledge base for justice focused careers.

Courses: JS41

Credit points: 12

Campus offered: KG

Contact hours: 3 per week

■ JSP004 CRIMINAL LAW IN CONTEXT 2

Presents to students fundamental principles of criminal law as well as the social and political forces that shape those laws in the areas of crimes of morality; drug, public order offences; war crimes and hate crimes; state corruption and whistleblowers,

property crimes, white collar crimes and proceeds of crime. It also looks at the due process aspects of criminal procedure.

Courses: JS41

Campus offered: KG

Credit points: 12

Contact hours: 3 per week

■ JSP041 JUVENILE JUSTICE

Juvenile justice remains a central concern in Australian society. For many years it has attracted substantial public and government attention, which, in turn, has prompted considerable changes to legislation, court procedures, policing matters and welfare intervention. Juvenile crime is central to politics: "getting tough" on young offenders is a staple of election campaigns. This course will examine the history and theory of juvenile justice; the empirical background to understanding juvenile justice; the institutions of juvenile justice including the police, courts, welfare and diversionary schemes.

Courses: JS41

Campus offered: KG

Credit points: 12

Contact hours: 3 per week

■ JSP042 CRIME & THE WORKPLACE

This course will shift the focus away from conventional blue collar offenders by recognising that crime occurs in sites other than on the streets. Crime in the workplace can take a number of forms from conventional offences to crimes relating to the nature of the workplace itself. Offenders can be employees, employers, company directors or companies themselves. The question arises whether traditional criminal justice responses are appropriate.

Courses: JS41

Campus offered: KG

Credit points: 12

Contact hours: 3 per week

■ JSP043 CRIME RESEARCH METHODS

Criminology students undertaking research projects need to have a sound knowledge and understanding of basic methods of research design and research analysis. This subject is intended to be an introduction to research design and methodology for use in the fields of criminal justice, justice administration and criminology. Emphasis will be placed upon the collection and interpretation of data, through an understanding of the logic of research design and methodology in criminology and the social sciences.

Courses: JS41

Credit points: 12

Contact hours: 3 per week

Campus offered: KG

Semester offered: 1

■ JSP044 RESPONDING TO CRIME

This subject will explore responses to crime that are broader than the traditional criminal justice response. It will also explore the appropriateness or otherwise of blanket responses to crime and question whether responses need to be more tailor-made. Finally, it will consider the issue of how the interests of victims of crime may be adequately addressed.

Courses: JS41

Campus offered: KG

Credit points: 12

Contact hours: 3 per week

■ JSP051 INTRODUCTION TO CRIMINAL LAW & EVIDENCE

This unit of study provides the student with the basics for dealing with the enforcement aspect of the Criminal Justice System. The unit addresses – the basic legal principles, rules and concepts of the criminal justice process including an introduction to the rules of evidence. The student is required to gain an understanding of the basic arrangements and apply them to practical situations.

Courses: JS41

Campus offered: KG

Credit points: 12

Contact hours: 3 per week

■ JSP052 POLICE PROCEDURE & PRACTICE

The role and function of policing, enforcement practices: the workings of the criminal justice system and the art of investigation in conjunction with the documentation required when presenting a criminal matter before the courts.

Courses: JS41

Campus offered: KG

Credit points: 12

Contact hours: 3 per week

■ JSP053 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 the Governments through 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 gain an understanding of the historical development, social perceptions and impact of organised crime. Students also consider the strategies employed to combat organised crime including the extent of investigation and/or Commissions of Inquiry documented to date.

Courses: JS41

Credit points: 12

Campus offered: KG

Contact hours: 3 per week

■ JSP054 ISSUES IN POLICING

This unit endeavours to expose students to the multifarious nature of policing and the impact that societal developments have on policing and vice versa.

Courses: JS41

Credit points: 12

Campus offered: KG

Contact hours: 3 per week

■ 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 which 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

Campus offered: KG

Contact hours: Intensive

■ 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

Campus offered: KG

Contact hours: 2 per week

■ JSP058 ORGANISATIONAL PRACTICES FOR EXECUTIVE 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

Campus offered: KG

Contact hours: Intensive

■ 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

Campus offered: KG

Contact hours: Intensive

■ JSP061 PROCESS THEORY & 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

Campus offered: KG

Contact hours: 3 per week

■ 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 profes-

sional 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

Campus offered: KG

Credit points: 12

Contact hours: 3 per week

■ 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

Campus offered: KG

Credit points: 12

Contact hours: 3 per week

■ 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

Campus offered: KG

Credit points: 12

Contact hours: 3 per week

■ 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

Campus offered: KG

Credit points: 12

Contact hours: 3 per week

■ 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

Campus offered: KG

Credit points: 12

Contact hours: 3 per week

■ 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

Campus offered: KG

Credit points: 12

Contact hours: 3 per week

■ JSP071 CORRECTIONS & THE COMMUNITY 1

From Torture to Corrections – a passage in the history of punishment. The ideological and epistemological genesis of current correctional practice – British, American and Australian

penal systems and their philosophical underpinnings, 1700s to the present.

Courses: JS41

Credit points: 12

Campus offered: KG

Contact hours: 3 per week

■ JSP072 CORRECTIONS & THE COMMUNITY 2

Contemporary Western Prisons – what social return for the imprisonment of the underclass? Who we incarcerate and the criteria we use in the choosing of prisoners (a class-based analysis of the process of criminalisation). How is community enhanced by our incarceration practices? Retribution, deterrence, incapacitation and rehabilitation – institutional schizophrenia?

Courses: JS41

Credit points: 12

Campus offered: KG

Contact hours: 3 per week

■ JSP073 CORRECTIONS & THE COMMUNITY 3

Contemporary Community Corrections – an attempt at inclusionary social control?

Exclusionary and inclusionary social control – why have we moved to community-based corrections for the majority of offenders? What is the social status of persons on community corrections programs – members of the community or hidden prisoners? What role is there for restorative justice?

Courses: JS41

Credit points: 12

Campus offered: KG

Contact hours: 3 per week

■ JSP074 CORRECTIONS & THE COMMUNITY 4

Alternative to Prisons – a society with more prisons or a society without prisons?

Experiments in alternatives – what the West has tried. Is there a philosophy and practice that turns offenders into community members?

Courses: JS41

Credit points: 12

Campus offered: KG

Contact hours: 3 per week

■ JSP081 LAW & PUBLIC POLICY

Introduces students to the practice of public policy formulation, development and implementation with specific emphasis on the legislative and legal implications of policy work. The unit adopts a practical approach to developing real policy consultation, analysis and writing skills, whilst also addressing the more theoretical aspects of policy development processes. Teamwork and a thorough understanding of government policy processes is also emphasised.

Courses: JS41

Credit points: 12

Campus offered: KG

Contact hours: 3 per week

■ JSP082 LEGAL RIGHTS & RESPONSIBILITIES

Society demands certain responsibilities from its citizens once they are classed as adults. Rights and duties fall to the adult person in our society in terms of health, housing, relationships and employment or welfare. These rights and responsibilities inform the unit, which focuses on health, housing, relationships and family and employment or welfare. Links are drawn across the various areas so that an analysis of the modern legal adult citizen emerges. The health issues include access to health care, men's health and gambling. Family issues include right to property and settlements upon separation or divorce and rights and responsibilities concerning children. Property issues include mortgage transactions and residential tenancies. Workplace and welfare issues include the increasing blur between "work" and "welfare", work for the dole and extensive coverage of work stress and workplace victimisation. The unit is taught through a combination of lectures, tutorials and electronic delivery and endeavours to synthesise legal and justice ideas and issues across the entire course.

Courses: JS41

Credit points: 12

Campus offered: KG

Contact hours: 3 per week

■ JSP083 ADMINISTRATIVE LAW & JUSTICE

Mechanisms of state accountability, their philosophy and practice are examined in order to provide a working knowledge of the administrative justice system and its social and political environment. Particular emphasis is placed on the capacity of

administrative law to provide both public accountability and participation in decision making. Key areas covered include theories of the administrative state, merits review, judicial review, freedom of information, ombud's office and core principles.

Courses: JS41

Credit points: 12

Campus offered: KG

Contact hours: 3 per week

■ JSP084 JUSTICE & HUMAN RIGHTS

The political and philosophical and legal constructs known as rights are becoming increasingly important for the Australian justice professions as well as for public sector workers in general. Australia's international and domestic human rights obligations are presented, and their relevance for the legal system is analysed. The common law history of human rights is explored along with the changing nature of such rights throughout this century. Human rights problems in our region are also discussed as well as Australia's history and approach, particularly regarding indigenous citizens.

Courses: JS41

Credit points: 12

Campus offered: KG

Contact hours: 3 per week

■ LEB331 TEACHING CHILDREN WITH LOW INCIDENCE DISABILITIES & 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: LEB335, LEB336

Credit points: 12

Contact hours: 3 per week

■ LEB332 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

■ LEB333 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

■ LEB334 ACQUISITION & ADAPTABILITY OF WORKPLACE KNOWLEDGE & SKILLS

Explores the underlying theoretical constructs which may enhance the acquisition of knowledge and skills. In accord with the National Training Reform Agenda, issues such as multiskilling, contextualised learning, intervention to accelerate performance, and transfer of knowledge and skill are addressed.

Courses: ED54

Credit points: 12

Contact hours: 3 per week

■ LEB335 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 devel-

opment, 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

■ LEB336 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

■ LEB338 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

■ LEB420 INTERPERSONAL PSYCHOLOGY IN EDUCATION

Historical development and major principles of interpersonal psychology; concepts related to the formation and development of interpersonal relationships; particular concepts and their application to education; interpersonal relationships with exceptional students; emotionality; models of effective teaching; self-concept; small group development; applications of interpersonal psychology. Study school for external students strongly recommended.

Courses: ED26

Credit points: 12

Contact hours: 3 per week

■ LEB421 DEVELOPING EFFECTIVE LEARNING ENVIRONMENTS

Teachers as researchers; contemporary approaches to exploring classroom interaction and teaching/learning processes; teacher communication and expectancy effects; promoting cooperative learning; learning and teaching styles; teachers' concepts of teaching and reflective processes.

Courses: ED26

Credit points: 12

Contact hours: 3 per week

■ LEB431 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

■ LEB441 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

■ LEB443 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 healthcare 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

■ LEB444 HUMAN SEXUALITY & DEVELOPMENT

Medical, legal, and developmental issues in human sexual behaviour related to sexuality and disability/illness, infertility and its options, pregnancy and birthing, sexuality and aging, sexual dysfunction, transsexuality, and HIV/AIDS. Implications for school, community and healthcare workers and educators, with emphasis on the latter.

Courses: ED26, ED43, ED50, ED51, ED52, ED54, ED55, IF70-79, NS40, NS48

Credit points: 12 **Contact hours:** 3 per week

■ LEB450 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 hours per week

■ LEB480 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

■ LEN602 ADVANCED EDUCATIONAL COUNSELLING

The major theoretical approaches to counselling are applied to problems and concerns arising in the educational context. Theories outlined include Psychoanalytic, Adlerian, Existential, Person-Centred, Gestalt, Transactional Analysis, Behaviour, Rational-Emotive, and Reality. Skills and techniques associated with each major theory will be presented and related to educationally based problems and concerns. The effects and outcomes of counselling interventions will be investigated and ethical issues will be addressed.

Courses: ED13, ED11, ED61 **Prerequisites:** LEB441

Credit points: 12

■ LEN603 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

■ LEN604 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

■ LEN605 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

■ LEN606 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

■ LEN607 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

■ LEN608 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

■ LEN609 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

■ LEN610 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: LEB441 or LEN602

Credit points: 12

■ **LEN611 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

■ **LEN612 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: PRN635

Credit points: 12

■ **LEN613 LEARNING, TEACHING & 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

■ **LEN614 LEARNERS & 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

■ **LEP523 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

■ **LEP524 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

■ **LEP525 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

■ **LEP526 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

■ **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 demonstrated commitment to professionalism and ethical practice

Courses: LP41

Credit points: 12

Contact hours: 28

Campus offered: GP

Semester offered: 2, SP

■ **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 a demonstrated commitment to professionalism and ethical practice.

Courses: LP41

Credit points: 12

Contact hours: 28

Campus offered: GP

Semester offered: 2, SP

■ **LPP103 BANKING & 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 also help students to develop a range of skills that lawyers need in practice. The unit will cover aspects of practice in the area of securities law, consumer credit and creditor's remedies. The functional focus of this unit is on the lawyer as adviser, representative and facilitator of dealings.

Courses: LP41

Prerequisites: LPP101 & LPP102

Credit points: 12

Contact hours: 6 (on-campus mode) 2 (off-campus mode)

Campus offered: GP & External

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. The unit will also help students to develop a range of skills that lawyers need in practice.

Courses: LP41

Prerequisites: LPP101 & LPP102

Credit points: 12

Contact hours: 6 (on-campus mode) 2 (off-campus mode)

Campus offered: GP & External

Semester offered: 1, 2

■ **LPP105 FAMILY & ESTATES**

The great majority of persons 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. Will drafting and learning how to administer a deceased's estate are also 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)

Campus offered: GP & External

Semester offered: 1, 2

■ LPP106 LITIGATION

This unit covers procedure and practice in civil 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 functional focus of the unit is on the lawyer as advocate, adviser, representative, tactician and problem solver. This 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)

Campus offered: GP & External **Semester offered:** 1, 2

■ LPP107 PROPERTY LAW PRACTICE

Lawyers are regularly involved in the purchase and sale of real property and the conveyance of real property. Most lawyers need an ability to advise clients in respect to contracts of sale of property and the effects on property transactions of legislation such as environmental, planning, heritage, hazardous waste, revenue and coastal management schemes.

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 pre-admission vocational training regimes for the legal profession in Australia require some workplace experience. This unit involves a placement of 4 weeks supplemented with coursework that will help students to extend their knowledge and skills in a field of practise which they choose from those available.

Courses: LP41

Credit points: 12

Contact hours: 160

Campus offered: External

Semester offered: 1, SP

■ 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 which 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 & 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

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, 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 & 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 Life Sciences
Corequisites: LSB250 Human Physiology
Credit points: 12 **Contact hours:** 5 per week

■ LSB258 HUMAN ANATOMY & 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 Organic & Biological Chemistry
Corequisites: LSB338 Cell & Molecular Biology 2
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 tax-

onomy, 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 & 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: LS50, SC01
Prerequisites: LSB238 **Corequisites:** LSB308
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 which 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 which runs in second semester and as a prelude to the third level subjects: Advanced Physiology [LSB558] and Clinical Physiology [LSB658].

Courses: SC01, PU40, PU43, HM42, ED50
Prerequisites: LSB131 or LSB142 or 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
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 which 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 Human Anatomy, LSB250 Human Physiology
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

■ 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 **Prerequisites:** None

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 microorganisms, report writing skills applying microbiological knowledge and critique of publications.

Courses: PU40, PU43 **Prerequisites:** None

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, foodborne pathogens and spoilors, 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 Microbiology 1

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 which are visualised by medical imaging modalities.

Courses: PH38, PH90 **Prerequisites:** None

Courses: 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 which 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 & genetic engineering of nucleic acids. Includes procedures for gene detection & analysis, gene isolation, cloning & amplification, and gene library construction & screening.

Courses: LS50, SC01 **Prerequisites:** LSB308, LSB338

Credit points: 12 **Contact hours:** 5 per week

■ LSB475 DISEASE PROCESSES 4

See LSB370.

Courses: PU43 **Prerequisites:** None

Credit points: 12 **Contact hours:** 4 per week

■ LSB480 PROFESSIONAL PRACTICE

Introduces students to the workplace, that 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 **Prerequisites:** None

Courses: 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 **Prerequisites:** None

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

Credit points: 12

Corequisites: LSB468

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

Credit points: 12

Prerequisites: LSB468

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

Credit points: 12

Prerequisites: LSB425

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 which are important in biomedical research and diagnostic investigations.

Courses: SC01

Credit points: 12

Prerequisites: LSB308

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

Credit points: 12

Prerequisites: LSB428

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

Credit points: 12

Prerequisites: LSB438 Immunology 1

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

Credit points: 12

Prerequisites: LSB468

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 data bases in bacterial identification and antibiotic sensitivity tests on laboratory isolates; the interpretation and reporting of results.

Courses: SC01

Credit points: 12

Prerequisites: LSB428

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

Credit points: 12

Prerequisites: LSB325, LSB365, LSB465

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

Credit points: 12

Prerequisites: LSB358, LSB458

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

Credit points: 12

Prerequisites: LSB255, LSB365, LSB465

Contact hours: 5 per week

■ LSB567 IMMUNOLOGY 2

Expands the basic knowledge provided in LSB430 and provides an understanding of the genetic control of antibody diversity, the function of antibody and complement at a molecular level, cell interactions in the immune response and immunological process in resistance to and recovery from infection. Practical classes place emphasis on the competent performance of immunological procedures rather than just a demonstration of immunological principles.

Courses: SC01

Credit points: 12

Prerequisites: LSB438

Contact hours: 4 per week

■ LSB568 ELECTRON MICROSCOPY

A theoretical and practical background to the operation and use of scanning and transmission electron microscopes in biological, materials and forensic science; basic principles of specimen preparation with emphasis on methods complementary to biology, microbiology and molecular biology; analytical capabilities of electron beam instruments.

Courses: SC01

Credit points: 12

Prerequisites: CHB142

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

Credit points: 12

Corequisites: LSB537

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

Credit points: 12

Prerequisites: LSB428

Contact hours: 5 per week

■ LSB598 MOLECULAR PATHOGENESIS 1

Lectures, tutorials, workshops and practical classes dealing with the molecular aspects of pathogenesis and diagnosis of diseases. After a general introduction in which certain basic molecular biology techniques are discussed, a number of genetic diseases are addressed. Current technologies are used in the practical classes and their use in analysis and diagnosis highlighted.

Courses: SC01

Credit points: 12

Prerequisites: LSB338

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

Credit points: 12

Prerequisites: LSB468

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

Credit points: 12

Prerequisites: LSB308

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

Credit points: 12

Prerequisites: LSB308

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

Credit points: 12

Prerequisites: LSB509

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

Credit points: 12

Prerequisites: LSB537

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

Credit points: 12

Prerequisites: LSB525

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

Credit points: 12

Prerequisites: LSB428

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 microorganisms involved in infectious disease processes and in the interpretation and intelligent discussion of results and laboratory report writing, compilation and critical discussion.

Courses: LS37

Credit points: 12

Prerequisites: LSB435, LSB535

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 & 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 microorganisms. Molecular microbiological aspects include molecular phylogeny and taxonomy and methods for detection and typing of microorganisms.

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

■ LSN150 ETHICS & LIFE SCIENCES

Focuses on the ethical implications of contemporary issues (including informed consent, gene therapy, abortion, ethics committees, organ transplantation and supply including issues concerning foetal tissues) and provides background knowledge in epidemiological methods and research strategies.

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

■ 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 which are considered appropriate include epidemiological analyses, laboratory safety, laboratory design or the efficacy of laboratory 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 which are legally binding, how contractual promises may be characterised and the significance of that characterisation. Topics include formation of contracts; equitable estoppel; privity; formalities; terms.

Courses: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Credit points: 12

Contact hours: 3 per week

Incompatible with: LWB102, LWB132

Campus offered: GP

Semester offered: 1

■ 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: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Credit points: 12

Contact hours: 3 per week

Incompatible with: LWB102, LWB132

Campus offered: GP

Semester offered: 2

■ LWB138 FUNDAMENTALS OF TORTS

The law of torts is of primary importance in understanding how the Australian legal system operates to compensate the physical and/or financial harm one person suffers as a result of another's wrongdoing. 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 which 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 which are consistent with contemporary legal and social values.

Courses: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Credit points: 12

Contact hours: 3 per week

Incompatible with: LWB103, LWB133

Campus offered: GP

Semester offered: 1

■ 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 which are consistent with contemporary legal and social values. In this unit a wider range of torts and related issues are examined so that you may develop the knowledge, understanding and skills necessary to maintain in the future your abilities in this important area of legal practice.

Courses: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Prerequisites: LWB138

Credit points: 12 **Contact hours:** 3 per week

Incompatible with: LWB103, LWB133

Campus offered: GP

Semester offered: 2

■ LWB141 LEGAL INSTITUTIONS & 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: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Credit points: 12 **Contact hours:** 3 per week

Incompatible with: LWB101; LWB135

Campus offered: GP

Semester offered: 1

■ LWB142 LAW, SOCIETY & 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: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Credit points: 12 **Contact hours:** 3 per week

Incompatible with: LWB101; LWB131

Campus offered: GP

■ LWB143 LEGAL RESEARCH & 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: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Credit points: 12 **Contact hours:** 3 per week

Incompatible with: LWB104; LWB134

Campus offered: GP

■ LWB144 LAWS & GLOBAL PERSPECTIVES

This unit will introduce and explain the fundamental structures, principles and vocabulary of Comparative Law, Public International Law and Private International Law; and examine their relevance to contemporary legal practice and legal thinking. Students will learn to critically analyse different value systems which underpin legal authority in other legal systems and compare them with the operation of the Australian com-

mon law system. The effects of legal systems outside the Australian legal system will be analysed through two topics that arise across all legal systems: those of race; and family. Additionally, students will learn how to conduct international research, principally via electronic means, and how to learn effectively in a group setting.

Courses: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Credit points: 12 **Contact hours:** 3 per week

Incompatible with: LWB101; LWB131

Campus offered: GP

■ 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: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Credit points: 12 **Contact hours:** 3 per week

Incompatible with: LWB203 and LWB311

Campus offered: GP

■ LWB232 CRIMINAL LAW & PROCEDURE

The criminal law in force in Queensland; criminal responsibility; parties to offences; major indictable offences. The wider context of the operation of the criminal law; penal principles and the justifications for imposing punishment by the State; aspects of the disposition of offenders in the sentencing part of a criminal trial; imprisonment and release procedures.

Courses: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Credit points: 24 **Contact hours:** 3 per week

Incompatible with: LWB202

Campus offered: GP

■ LWB233 REAL PROPERTY

The general principles of property law; the nature of property, ownership and title and the differences between various types of property; Aboriginal native title and the rules relating to real property, including the Torrens system and major interests in land.

Courses: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Prerequisites: LWB234

Corequisites: LWB234

Credit points: 24 **Contact hours:** 3 per week

Incompatible with: LWB201

Campus offered: GP

■ LWB234 EQUITY & TRUSTS

The major principles of equity and trusts including: the nature and history of equity; equitable estates interests and priorities; confidential information; fiduciary relationships including third party liability for breach of fiduciary obligation; select examples of unconscionability; principal equitable remedies; the nature, description and classification of express trusts; the creation of express trusts; resulting and constructive trusts; purpose trusts including charitable trusts; the legality of trusts; and trusteeship.

Courses: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Credit points: 24 **Contact hours:** 3 per week

Incompatible with: LWB301

Campus offered: GP

■ 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: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Prerequisites: LWB231

Corequisites: LWB231

Credit points: 12 **Contact hours:** 3 per week

Incompatible with: LWB203

Campus offered: GP

■ LWB302 FAMILY LAW

The manner in which the law treats the special social relationships which exist among members of a family and transforms them into legal rights and duties. The family as a legal phenomenon; methods of dispute resolution in family law; annulment of marriages; dissolution of marriages; consequences of separation and divorce, such as maintenance, child support, adjustment of interests in property and parental responsibilities.

Courses: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ 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: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ LWB307 INSOLVENCY LAW

Examines the insolvency of individuals and the Bankruptcy Act 1966 (Cth); 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: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Credit points: 12

Contact hours: 2 per week

Campus offered: GP

■ 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: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Credit points: 8

Contact hours: 2 per week

Campus offered: GP

■ 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: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Credit points: 8

Contact hours: 2 per week

Campus offered: GP

■ 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: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Prerequisites: LWB132 or equivalent, LWB233 and LWB234

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ 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: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ LWB315 JESSUP INTERNATIONAL LAW MOOT

The Philip C. Jessup International Law Moot, run under the auspices of the American Society of International Law, is a premier mooting competition in the world attracting participants from every major jurisdiction. The competition requires the ability to research, analyse, apply and communicate (both orally and in written form) legal argument with respect to a complicated problem in Public International Law. Members of the QUT team will participate in the joint preparation of two memorials (one for the applicant and one for the respondent) satisfying the requirements of the Official Rules of the competition, with respect to the contents of and issues raised by the problem for the given year. Some or all of the team members will then present oral arguments in the Australian rounds of the Jessup Moot competition, and at the international rounds in the United States if the team wins the Australian round.

Courses: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Prerequisites: Mooted as a barrister.

Credit points: 12

Contact hours: As needed in December, January and February

■ LWB316 JESSUP INTERNATIONAL LAW MOOT II

The Philip C. Jessup International Law Moot, run under the auspices of the American Society of International Law, is a premier mooting competition in the world attracting participants from every major jurisdiction. The competition requires the ability to research, analyse, apply and communicate (both orally and in written form) legal argument with respect to a complicated problem in Public International Law. Members of the QUT team will participate in the joint preparation of two memorials (one for the applicant and one for the respondent) satisfying the requirements of the Official Rules of the competition, with respect to the contents of and issues raised by the problem for the given year. Some or all of the team members will then present oral arguments in the Australian rounds of the Jessup Moot competition, and at the international rounds in the United States if the team wins the Australian round.

Courses: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Prerequisites: LWB315

Credit points: 12

Contact hours: As needed in December, January and February.

■ LWB317 RESTITUTION

The law of restitution forms part of the civil law of Australia. The courts may order a defendant to make restitution to a plaintiff where the defendant has been unjustly enriched at the expense of the plaintiff. Restitution is concerned with restoration of benefits by the defendant, not payment of compensation for losses. Examples of cases where restitutionary law applies are: the recovery of money paid under mistake of fact or law, recovery of misdirected payments, or recovery of money paid in response to an ultra vires demand by a public authority. Restitution will be of interest to those who wish to develop their knowl-

edge of equitable and common law concepts of obligation (including torts and contract), and property.

Courses: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Prerequisites: LWB132 or equivalent, LWB133 or equivalent, LWB233 & LWB234

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

Semester offered: 1

■ LWB331 ADMINISTRATIVE LAW

Examines the law relating to judicial review of administrative action public authorities, systems of merits appeal and the law of standing in public interest litigation.

Courses: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Prerequisites: LWB231

Corequisites: LWB231

Credit points: 12

Contact hours: 3 per week

Incompatible with: LWB311

Campus offered: GP

■ 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: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Prerequisites: LWB233

Corequisites: LWB233

Credit points: 12

Contact hours: 3 per week

Incompatible with: LWB303

Campus offered: GP

■ LWB333 THEORIES OF LAW

The legal theories of industrialised society; historical contexts; underlying values and assumptions; economic, political and social objectives; the practical consequences of application to legal and social problems.

Courses: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Credit points: 12

Contact hours: 3 per week

Incompatible with: LWB305

Campus offered: GP

■ 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: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Credit points: 12

Contact hours: 3 per week

Incompatible with: LWB401

Campus offered: GP

■ 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: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Prerequisites: LWB231, LWB331

Campus offered: GP

Credit points: 8

Contact hours: 2 per week

■ 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: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Prerequisites: LWB431

Credit points: 8

Campus offered: GP

Contact hours: 2 per week

■ 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: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Prerequisites: LWB432

Campus offered: GP

Credit points: 8

Contact hours: 2 per week

■ 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: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Prerequisites: LWB364

Campus offered: GP

Credit points: 12

Contact hours: 3 per week

■ 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: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Prerequisites: LWB233

Campus offered: GP

Credit points: 8

Contact hours: 2 per week

■ LWB363 INSURANCE LAW

Risk management, in particular insurance, will play an increasingly significant role in modern commercial life. Insurance however is not limited to the commercial sphere but spans a wide variety of subject matter, including compulsory schemes such as third party motor vehicle insurance and workers compensation.

Courses: IF31, IF33, IF34, IF35, IF36, IF37, IF38, IF40, IF41, IF43, LW31, LW33, LW41, LX31, LX32, LX33

Prerequisites: LWB132 or equivalent

Credit points: 8

Contact hours: 2 per week

Campus offered: GP

■ 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: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ 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: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ 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 which govern a company: the board of directors and the company in general meeting. The unit will examine in some detail particular aspects of the law applicable to these bodies, for example some of the duties affecting directors; topical issues such as directors interests in contracts; the role of waiver of breaches and improprieties; members rights and protection; relevant aspects of meeting law; an examination of the roles of the Australian Securities Commission and the Australian Stock Exchange; the roles of the Institutional Shareholder and/or Shareholder Associations.

Courses: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Prerequisites: LWB334

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ LWB368 COMPARATIVE LAW: THE US & 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: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Prerequisites: LWB235

Credit points: 12

Contact hours: 3

Campus offered: GP

Semester offered: 1

■ LWB406 FUNDAMENTALS OF PUBLIC INTERNATIONAL LAW

The legal rules which govern the activities of nations and the regulation of the activities of nations by international organisations, such as the UN. The creation of international law and its sources: treaties, customary law, general principles of law. The concept of international legal personality: statehood, self-determination, recognition. The effects of international law: sovereignty, international responsibility. The law of armed conflict.

Courses: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Credit points: 8

Contact hours: 2 per week

Campus offered: GP

■ 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: IF31, IF33, IF34, IF35, IF36, IF37, IF38, IF39, IF40, IF41, IF43, LW31, LW33, LW41, LX31, LX32, LX33

Prerequisites: LWB132 or equivalent; LWB133 or equivalent; LWB141; LWB144 & LWB233

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ LWB410 RESTRICTIVE TRADE PRACTICES

An overview of the anti-competitive practices which are proscribed by Part IV of the Trade Practices Act 1974 (Cth). It will also deal with the remedies available for contraventions of Part IV and the possibility of obtaining authorisation and/or where appropriate notification from the Australian Competition and Consumer Commission. The access provisions of Part III A will also be considered.

Courses: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Credit points: 8

Contact hours: 2 per week

Campus offered: GP

■ LWB412 RESEARCH & WRITING PROJECT

A supervised piece of research on a legal topic, and the writing of a paper of approximately 6500 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 Bryan Horrigan, 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: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Prerequisites: students should be in their final 2 years of study

Credit points: 8

Campus offered: GP

■ 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: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Prerequisites: students should be in their final year of study

Credit points: 12

Campus offered: GP

■ 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: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Credit points: 12

Contact hours: 3 per week

Incompatible with: LWB404

Campus offered: GP

■ LWB432 EVIDENCE

The law of Evidence concerns those rules and principles which govern the presentation and proof of facts and information in court proceedings, both civil and criminal. The unit covers both State and Federal jurisdictions.

Courses: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Credit points: 12 **Contact hours:** 3 per week
Incompatible with: LWB402 **Campus offered:** GP

■ 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: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP

■ LWB434 ADVANCED RESEARCH & LEGAL REASONING

Advanced skills of legal research, analysis, problem-solving, and writing; suitable theoretical frameworks for understanding Australian legal reasoning generally; topical developments in substantive areas of law by way of illustration of the theoretical models.

Courses: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Prerequisites: LWB143 or equivalent; LWB333
Corequisites: LWB333 in IF38; IF43; LW41; LW42 and F/T ACC LW33 courses ONLY

Credit points: 12 **Contact hours:** 3 per week
Incompatible with: LWB415 **Campus offered:** GP

■ 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: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Credit points: 8 **Contact hours:** 2 per week
Campus offered: GP

■ 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: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Credit points: 8 **Contact hours:** 2 per week
Campus offered: GP

■ LWB454 BANKING & FINANCE LAW

The legal incidents of the banker-customer relationship; the principles governing the operation of and liability with respect to negotiable instruments; the liability of banks with respect to misappropriated cheques; the law governing documentary letters of credit.

Courses: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Prerequisites: LWB132 or equivalent & LWB332

Credit points: 8

Contact hours: 2 per week

Campus offered: GP

■ 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: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Credit points: 12 **Contact hours:** 8 per week
Campus offered: GP

■ LWB458 CONSUMER PROTECTION

The course will deal with the Trade Practices Act 1974, and equivalent State Fair Trading legislation. It will be divided into two broad parts, the first dealing with misleading and other unfair practices, and the second with the product liability provisions found in Part V and Part VA. Unconscionable conduct is also considered.

Courses: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Credit points: 8 **Contact hours:** 2 per week
Campus offered: GP

■ LWB461 PRIVATE LAW REMEDIES

Students develop an overall perspective on and deeper understanding of the subject of remedies. The unit is designed to give students a knowledge of the principles underlying the availability of various private law remedies, and to introduce students to an understanding of the circumstances which may give rise to a claim for restitution. It also develops a knowledge and understanding of the choice and range of private law remedies and defences and the capacity to make sound judgments in electing which remedies to pursue against a background of heterogeneous fact situations.

Courses: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Prerequisites: LWB132 or equivalent, LWB133 or equivalent, LWB234

Credit points: 8 **Contact hours:** 2 per week

■ 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: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Prerequisites: LWB133 or equivalent
Credit points: 12 **Contact hours:** 3 per week

Campus offered: GP

■ 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: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Credit points: 8 **Contact hours:** 2 per week
Campus offered: GP

■ 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

■ 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: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Credit points: 8 **Contact hours:** 2 per week

Campus offered: GP

■ LWB486 INTELLECTUAL PROPERTY LAW

The most significant of the legislative enactments creating or protecting intellectual property in Australia, including those governing copyright, designs, patents and trade marks; application of the common law, particularly confidential information and passing off.

Courses: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Credit points: 8 **Contact hours:** 2 per week

Campus offered: GP

■ 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 carriage of cargo (the amended Hague Rules and Hamburg Rules) and marine insurance, as well as matters affecting the conduct of ships such as collisions, salvage, oil pollution and limitation of liability.

Courses: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Credit points: 8 **Contact hours:** 2 per week

■ 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: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Prerequisites: LWB233

Credit points: 12 **Campus offered:** GP

Contact hours: 3 per week

■ 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: IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

Prerequisites: LWB232 or JSB022 and JSB024

Credit points: 12 **Contact hours:** 3 per week

Campus offered: GP

■ 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: LW50, LW51, LW60

Credit points: 12 **Contact hours:** 2 per week

■ 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, unconscionable dealing, estoppel and in the context of determining the equitable ownership of property.

Courses: LW50, LW51, LW60

Credit points: 12 **Contact hours:** 2 per week

■ LWN022 BANKING & FINANCE LAW 2

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: LW50, 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 context 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

■ LWN030 DISPUTE RESOLUTION/MEDIATION

A study of mediation looking at both the theory and practice. Students are expected to be involved in a number of class

workshops to learn mediation skills; therefore an attendance rate of 80 per cent (that is 10 out of 13 classes) is necessary to gain a mark in the unit. Issues include: mediation in Australia; theories of mediation; different forms of mediation, i.e. 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

Credit points: 12

Contact hours: 26

■ 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, LW50, LW60

Credit points: 12

Contact hours: 26

■ 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

■ 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

■ 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

■ LWN043 LAW OF COMPANY TAKEOVERS

Consideration of Chapter 6 of the Corporations Law which regulates acquisitions of shares affecting a change in a company's control. Both practical perspectives and conceptual analysis are emphasised.

Courses: LW50, LW51, LW60

Credit points: 12

Contact hours: 26

Campus offered: GP

■ 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: LW50, LW51, LW60

Credit points: 12

Contact hours: 2 per week

■ 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. 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 and the Transport Infrastructure Act 1994. Other matters which 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; Forms and procedure; Integrated Planning Act 1997 and Regulations 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 school 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; state responsibility for environmental protection; conservation of biological diversity; climate changes; protection of the atmosphere; protection of wildlife and habitats; hazardous wastes and toxic chemicals; conservation of the world heritage; international trade and the environment; international dispute resolution; enforceability of international legal regimes.

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 (Cth) 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 which are available to protect consumers from misleading or deceptive conduct and unfair marketing practices. Emphasis is given to the role played by the Trade Practices Act in relation to conveyancing and land transactions, banking transactions and advertising. Unconscionable conduct is also considered. The second part of the unit is concerned with statutory and common law ac-

tions 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

Credit points: 12

Prerequisites: LWN025

■ 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

Credit points: 24

Prerequisites: LWN026

■ LWN060 ENVIRONMENTAL LEGAL SYSTEM

Analysis of the principles and concepts of environmental law in Queensland; understanding of the law in Queensland for the protection and conservation of the environment; examination of the way in which the law accommodates private interests and the public interest. Included are pollution control, environmental impact assessment, environmental management, conservation of the natural and cultural environments.

Courses: IF64, LW50, LW51, LW60

Credit points: 12

Contact hours: 2 per week

Campus offered: GP

■ LWN061 NATURAL RESOURCES LAW

The principles and concepts of natural resources law in Queensland dealing with the ownership and control of natural resources, providing access to these resources, controlling the operational side of the development of these resources, and recognising commercial structures for achieving these operational objectives; an assessment of a number of developed and evolving mechanisms for achieving these objectives such as policy objectives, management plans, incentives and inducements, market instruments and property rights.

Courses: IF64, LW50, LW51, LW60

Credit points: 12

Contact hours: 2 per week

Incompatible with: LWN014, LWN027

Campus offered: GP

■ 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

■ **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: LW50, 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: 26

■ **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: LW50, LW51, LW60

Credit points: 12

Contact hours: 2 per week

Incompatible with: LWN023

■ **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: LW50, LW51, LW60

Credit points: 12

Contact hours: 2 per week

Incompatible with: LWN052 pre-1995

■ **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 (Cth); 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: LW50, LW51, LW60

Credit points: 12

Contact hours: 2 per week

■ **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: LW50, 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

■ **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: LW50, LW51, LW60

Credit points: 12

Contact hours: 2 per week

■ **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

Campus offered: GP

Credit points: 12

Contact hours: 2 per week

■ 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: LW50, LW51, LW60

Credit points: 12

Contact hours: 2 per week

■ 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 which 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, LW50, LW60

Credit points: 12

Contact hours: 26

■ 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: LW50, LW51, LW60

Credit points: 12

Contact hours: 26

■ 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: LW50, LW51, LW60

Credit points: 12

Contact hours: 26

■ 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: LW50, LW51, LW60

Credit points: 12

Contact hours: 2 per week

■ LWN094 ENERGY LAW

Natural resources law and its related subject environmental law have become significant areas of professional legal practice over the last decade or so. One of the particular areas of natural resources law for these purposes is energy law. Energy law is the law relating to the ownership, use, development and control of those natural resources which are used to produce energy for the benefit of the community. Areas covered in this unit include: the sources and history of energy law; the principles and concepts underlying energy law; the common law rules of ownership of sources of energy; statutory ownership of sources of energy; how the law regulates access to sources of energy; how the law controls the development of sources of energy; 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

Campus offered: GP

Contact hours: 2 per week

■ 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: LW50, LW51, LW60

Credit points: 12

Contact hours: 2 per week

■ 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, LW50, LW60

Credit points: 12

Campus offered: GP

Contact hours: 2 per week

■ 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

Campus offered: GP

Contact hours: 2 per week

■ 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, confidential information, breach of confidence. 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, outsourcing and privatisation.

Courses: LW51, LW50, LW60

Credit points: 12

Contact hours: 2 per week

■ LWN112 ADMINISTRATIVE FRAMEWORK FOR CORPORATIONS

Addresses the powers and functions of the agencies which 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, LW50, LW60

Credit points: 12

Contact hours: 2 per week

■ 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 (Cth), 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: LW50, LW51, LW60

Campus offered: GP

Credit points: 12

Contact hours: 26

■ 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 which 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, LW50, LW60

Credit points: 12

Contact hours: 2 per week

■ LWN115 HUMAN RIGHTS IN AUSTRALIAN LAW

Human rights is 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: LW50, LW51, LW60

Credit points: 12

Contact hours: 2 per week

■ LWN116 LIQUOR LICENSING LAW & PRACTICE

The liquor industry is an integral part of the tourist develop-

ment 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: LW50, LW51, LW60

Credit points: 12

Contact hours: 2 per week

■ 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 United States 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: 2 per week

■ LWN120 SELECT ISSUES IN MEDIA LAW & 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

Campus offered: GP
Contact hours: 2 per week

■ 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, 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 & 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: LW50, LW51, LW60 **Campus offered:** GP
Credit points: 12 **Contact hours:** 2 per week

■ LWN124 CONTEMPORARY FAMILY ISSUES

This unit will examine a number of complex issues which can and do confront families from time to time. The first part of the unit examines those legal principles concerned with the break down of de facto relationships and the distribution of property between partners. The laws on issues such as surrogacy arrangements, access to reproductive technology, abortion, adoption and enduring powers of attorney will be considered as well as the law relating to Australia's international obligations and the various ethical and social perspectives which impact on these issues. The criminal and quasi-criminal law also impact on aspects of family dynamics and, in this context, issues of domestic violence and stalking will be examined. 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: LW50, LW51, LW60
Credit points: 12 **Contact hours:** 26

Incompatible with: LWN003

■ 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:** 2 per week

■ 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 (Cth), non-disclosure and misrepresentation, brokers and agents; Insurance (Agents and Brokers) Act 1984 (Cth), 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 which pre-suppose a knowledge of insurance law contained in LWN127 Advanced Insurance Law 1. For example, contractual terms and their interpretation, double insurance and contribution, subrogation, claims, indemnity and reinstatement, waiver and estoppel, motor vehicle compulsory third party insurance.

Courses: LW50, LW51, LW60 **Prerequisites:** LWN127
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 which have arisen in this area will be 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
Semester offered: GP

■ LWN131 QUEENSLAND STATE LANDS: LAW & 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
Semester offered: GP

■ LWN132 PUBLIC SECTOR EMPLOYMENT LAW & 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: LW50, LW51, LW60
Credit points: 12 **Contact hours:** 2 per week
Semester offered: GP

■ LWN134 REPRESENTATIVE ACTIONS

Courses: LW50, LW51, LW60
Credit points: 12 **Contact hours:** 26
Semester offered: GP

■ LWN135 LAW, JUSTICE & 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 & 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: LW50, LW51, LW60
Credit points: 12 **Contact hours:** 2 per week

■ LWN137 ISSUES IN CRIMINAL JUSTICE**Courses:** LW50, LW51, LW60, JS51**Credit points:** 12**Contact hours:** 2 per week**Campus offered:** KG**Semester offered:** 2**■ LWR003 THESIS**

A dissertation undertaken by students enrolled in LW50 Doctor of Juridical Science. The dissertation should make a notable contribution to professional knowledge and practice which may be in the form of new knowledge or significant original adaptation, application and interpretation of existing knowledge and practice.

Courses: LW50**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 (Napster, domain name litigation, piracy, cookies, CrimeNet); copyright; software patents; trade marks; circuit layouts; software licensing and development agreements (shrinkwrap 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:** 1**■ 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 coupled linear systems; aspects of vector algebra, lines and planes and unique, non-unique and non-existent solutions to systems of simultaneous equations.

Courses: BS56, CE33, ED50, IF21, IF29, IF39, IF50, IF58, IF60, IF71, IF73, IF79, IF83, IF84, IF86, IT21, PS47, PS48, SC01**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)**■ 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, IF50, IF58, IF60, IF71, IF73, IF79, IF83, IF84, IF86, IF87, IT21, SC01**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**■ MAB105 PREPARATORY MATHEMATICS**

This unit is a substitute for Senior Mathematics B for those students who need the equivalent background for the successful study of units which assume it. Basic number facts, natural numbers, integers, rational numbers, real numbers and their operations; basic algebra; functions and equations, graphs, linear functions, equations and applications; systems of linear equations; quadratic, exponential, logarithmic and trigonometric functions, properties and applications; introduction to calculus: rates of change, derivatives, rules of differentiation, second derivatives, maxima and minima and applications; integration and applications.

Courses: 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**■ 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, IF50, IF58, IF60, IF71, IF73, IF79, IF83, IF84, IF86, PS47, PS48, SC01**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**■ MAB112 MATHEMATICAL SCIENCES 1C**

Linear systems and matrices, vector algebra, coordinate systems; introduction to abstract algebraic systems; complex numbers; first and second order differential equations.

Courses: BS56, ED50, IF21, IF39, IF50, IF58, IF60, IF71, IF83, IF84, IF86, SC01**Prerequisites:** A grade of Sound Achievement in Senior Mathematics C (or equivalent) or MAB100**Corequisites:** MAB111**Credit points:** 12**Contact hours:** 4 per week**■ 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 appli-

cations: differentiation, chain rule, higher derivatives, integrals and their applications.

Courses: CE33, CE44, CE45, EE41, EE42, EE48, IF28, IF29, IF57, IF59, ME40, ME41, ME42, 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

■ 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, EE48, IF28, IF29, IF57, IF59, ME36, ME40, ME41, ME42, ME48, SC01

Prerequisites: MAB131 or MAB180

Credit points: 12 **Contact hours:** 4 per week

Incompatible with: MAB188

■ MAB133 ENGINEERING MATHEMATICS 2

Laplace transform methods for differential equations; numerical solution of differential equations; polynomial approximations, divided differences and Newton's formula for polynomial approximation; interpolation by cubic splines and the use of Fourier series and harmonic analysis. Convergence of infinite power series; direct and indirect methods of solution of large scale systems of linear equations; Quadrature methods; determination of eigenvalues and eigenvectors of large scale linear systems (power method, inverse iteration and acceleration of convergence techniques).

Courses: IF57, ME41, ME42, ME45, ME48

Prerequisites: MAB132

Credit points: 12 **Contact hours:** 4 per week

Incompatible with: MAB487, MAB488

■ MAB134 ELECTRICAL ENGINEERING MATHEMATICS 3

Mathematics: Laplace transform. Fourier series; Fourier transforms; amplitude and phase spectrum. Scalar and vector functions; grad, div and curl in cartesian and spherical polar coordinates; line, surface and volume integrals of electric fields; divergence theorem and Stoke's theorem; electrostatic field and electric potential. Statistics: Introduction to probability and distributional modelling: conditional probability; discrete and continuous random variables; Bernoulli, binomial and Poisson processes; introduction to queues and teletraffic; estimating probabilities. Physics: 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, EE48, IF28, IF29, IF59, ME40, SC01

Prerequisites: MAB132

Corequisites: PCB136 or first level Physics unit

Credit points: 12 **Contact hours:** 4 per week

Incompatible with: MAB485

■ 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: Maxwell's equations; solution in terms of Hertz vectors; the three dimensional wave equation; Poynting's theorem and vector. Analytic functions; differentiability; Cauchy-Riemann equations; conjugate harmonic functions; complex mapping. Contour integrals in complex plane. Taylor's theorem; Laurent's theorem; singularities; zeros, poles, calculation of residues; Cauchy's residue theorem; evaluation of complex integrals.

Courses: EE41, EE42, EE48, IF28, IF59, ME40

Prerequisites: MAB134

Credit points: 12

Contact hours: 4 per week

Incompatible with: MAB486

■ MAB136 ENGINEERING STATISTICS

Presentation of data; use of a statistical package; modelling data; relationships between variables; estimation; confidence intervals; tolerance limits; introduction to quality and SPC; hypothesis testing; fitting and investigating relationships; regression; design and analysis of experiments; reliability; further methods and applications of design and analysis of experiments.

Courses: ME41, ME42, ME45, ME48

Prerequisites: MAB132

Credit points: 12

Contact hours: 4 per week

Incompatible with: MAB893

■ MAB137 SURVEYING MATHEMATICS 1

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. Spherical trigonometry: definition of sphere, circles on sphere and spherical triangles; columnar, antipodal and polar triangles; sine, cosine and half-angle formulae. Napier's and DeLambre's analogies, solution of spherical triangles, spherical excess, area of spherical triangle; relation between plane and spherical trigonometry. Applications of linear algebra to surveying.

Courses: PS47, PS48

Prerequisites: MAB132

Credit points: 12

Contact hours: 4 per week

Incompatible with: MAB494, MAB893, MAB101

■ MAB138 ENGINEERING STATISTICS & NUMERICAL METHODS

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 of experiments; reliability. Numerical solution of differential equations; polynomial interpolation.

Courses: CE44, CE45

Prerequisites: MAB132

Credit points: 12

Contact hours: 4 per week

Incompatible with: MAB487, MAB893, MAB101

■ MAB140 QUANTITATIVE METHODS FOR OPTOMETRY & 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

■ MAB141 MATHEMATICS & STATISTICS FOR MEDICAL SCIENCE

Revision of polynomial, power and exponential functions, differentiation and integration, area under a curve, graphs of functions; determination of an interpolant for smooth discrete experimental data; Lagrange polynomial interpolation formula and cubic spline interpolation; data containing experimental error; least squares applied to linear and non-linear functions; use of quadratic formula and iterative methods; numerical interpolation. Data collection and presentation; normal distribution; probability, independence, binomial, Poisson,

confidence intervals; ANOVA, regression, application to assay, instrument versus standard, two

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

■ MAB177 MATHEMATICS FOR DATA COMMUNICATIONS

Provides the basic mathematical background required for the study of data communication; network structures, cryptography and network performance.

Courses: IT20, IT21, IT35, IT40

Credit points: 12

Contact hours: 3 per week

■ 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, EE48, IF28, IF29, IF57, IF59, ME36, ME40, ME41, ME42, 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

■ 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), Bernoulli, 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

■ 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 queueing 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, IF50, IF58, IF60, IF71, IF83, IF84, IF86, IT21, SC01

Prerequisites: A grade of Sound Achievement in Senior Mathematics B (or equivalent)

Corequisites: MAB111

Credit points: 12

Contact hours: 4 per week

■ MAB220 COMPUTATIONAL MATHEMATICS 1

Sources of error; computer arithmetic; searching and sorting; solution of nonlinear equations in one variable; solution of systems of linear equations; interpolation; finite differences; numerical differentiation and integration; solution of first order linear differential equations.

Courses: ED50, IF21, IF39, IF50, IF58, IF60, IF71, IF83, IF84, IF86, SC01

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

■ MAB258 EXPERIMENTAL DESIGN

Examination of experimental design and data analysis in op-

tometry; topics include: goodness of fit tests and tests of independence using chi-square distribution; introduction to multiple regression; statistical quality control; analysis of variance, introduction to non-parametric methods.

Courses: OP42

Prerequisites: MAB252

Credit points: 4

Contact hours: 2 per week

■ MAB311 ADVANCED CALCULUS

Functions of several variables: graphs, partial derivatives, total derivatives, extrema, Lagrange multipliers; Taylor series for multivariable functions; vector-valued functions; double and triple integrals, Green's theorems, line and surface integrals. Calculus of complex functions: functions of a complex variable, continuity, derivatives, C_R equations, elementary functions, integration, power series.

Courses: ED50, IF21, IF39, IF42, IF44, IF50, IF58, IF60, IF71, IF83, IF84, IF86, SC01

Prerequisites: (MAB111, MAB112) or (MAB131 or

MAB180, MAB132)

Credit points: 12

Contact hours: 4 per week

■ MAB312 LINEAR ALGEBRA

Revision of matrix algebra, linear systems and an introduction to Maple; vector spaces; inner product spaces; complex vector spaces; eigenvalues and eigenvectors; linear transformations.

Courses: ED50, IF21, IF39, IF50, IF58, IF60, IF71, IF83, IF84, IF86, SC01

Prerequisites: (MAB111, MAB112) or (MAB131 or

MAB180, MAB132)

Credit points: 12

Contact hours: 4 per week

■ 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

Prerequisites: Sound Achievement in Senior Mathematics C (or equivalent) or MAB100

Corequisites: MAB111

Credit points: 12

Contact hours: 4 per week

Incompatible with: MAB173

■ 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; queueing and other birth and death processes; teletraffic; long-term process behaviour; stochastic vs deterministic; process simulation; use of generating functions; bivariate and conditional distributions; transformations; beta, gamma distributions; probability transform and applications in simulations; order statistics, minimum, maximum, range.

Courses: ED50, EE44, EE45, EE48, IF21, IF28, IF39, IF42, IF44, IF50, IF58, IF59, IF60, IF71, IF83, IF84, IF86, IT21, ME40, SC01

Prerequisites: (MAB101, MAB210, MAB111, MAB112) or (MAB486, MAB893) or (MAB134, MAB135)

Credit points: 12

Contact hours: 4 per week

■ 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, IF42, IF44, IF50, IF58, IF60, IF71, IF83, IF84, IF86, IT21, SC01

Prerequisites: MAB112, MAB210

Credit points: 12

Contact hours: 4 per week

■ MAB413 DIFFERENTIAL EQUATIONS

Introduction to mathematical modelling; first order differential equations; linear differential equations; series methods; power series and Frobenius method, Euler, Legendre and

Bessel equations; Laplace Transform; Systems of differential equations; basic theory on linear systems: variation of parameters method, solution of linear systems with constant coefficients; phase plane analysis.

Courses: IF21, IF39, IF50, IF58, IF60, IF71, IF83, IF84, IF86, SC01

Prerequisites: (MAB111, MAB112) or (MAB131 or MAB180, MAB132)

Credit points: 12 **Contact hours:** 4 per week

Incompatible with: MAB133

■ MAB414 APPLIED STATISTICS 2

Construction, implementation and interpretation of statistical models and data for analysing and predicting relationships between variables; fitting and analysing general linear models, including standard regression and experimental models; diagnostic methods and model checking, including residual and trend analysis; designing experiments; use of blocking, factors, contrasts, covariates; use of statistical computer software packages as vehicles for information analysis, with emphasis on interpretation of output.

Courses: ED50, EE44, EE45, EE48, IF21, IF28, IF39, IF42, IF44, IF50, IF58, IF59, IF60, IF71, IF83, IF84, IF86, ME40, SC01

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

■ 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

Prerequisites: MAB220, MAB312

Credit points: 12 **Contact hours:** 4 per week

■ 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, IF44, IF50, IF58, IF60, IF71, IF83, IF84, IF86, SC01

Prerequisites: (MAB111, MAB112) or (MAB131 or MAB180, MAB132)

Credit points: 12 **Contact hours:** 4 per week

■ MAB440 INDUSTRY PROJECT (PLANNING

STAGE)

Through suitable full-time work experience and appropriate academic and industry-based supervision, this unit assists the student in developing a plan for analysing and resolving an industry problem leading to an oral presentation and written report.

Courses: IF58, IF60, SC01

Prerequisites: MAB523 or SCB510

Credit points: 12 **Contact hours:** 4 per week

Incompatible with: MAB960

■ MAB521 APPLIED MATHEMATICS 3

Special functions: gamma, delta, Bessel and error functions, Fourier series, Legendre polynomials. Vector analysis and applications: vector algebra, vector calculus, fields, grad, div, curl, line and surface integrals, divergence theorem, Stoke's theorem, applications. Functions of a complex variable: analytic functions, contour integrals, Laurent series, residues.

Courses: IF21, IF39, IF42, IF44, IF50, IF58, IF60, IF71, SC01

Prerequisites: MAB311 or MAB601

Credit points: 12 **Contact hours:** 4 per week

Incompatible with: MAB912

■ 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, IF42, IF44, IF50, IF58, IF60, IF71, SC01

Prerequisites: (MAB420, MAB311) or MAB618

Credit points: 12 **Contact hours:** 4 per week

Incompatible with: MAB911

■ 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, IF42, IF44, IF50, IF58, IF60, IF71, SC01

Prerequisites: (MAB101, MAB210) or (MAB237 or MAB347, MAB348 and successful completion of at least 192 credit points)

Credit points: 12 **Contact hours:** 4 per week

Incompatible with: SCB510

■ 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, experimental design and related procedures; introduction to generalised linear models; use of simulation; introductory computational inference and use in recently-developed inferential procedures.

Courses: IF21, IF39, IF42, IF44, IF50, IF58, IF60, IF71, SC01

Prerequisites: (MAB314, MAB414) or (MAB647, MAB648, MAB301, MAB303)

Credit points: 12 **Contact hours:** 4 per week

Incompatible with: MAB907

■ 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, IF42, IF44, IF50, IF58, IF60, IF71, IF83, IF84, IF86, SC01

Prerequisites: MAB315

Credit points: 12 **Contact hours:** 4 per week

Incompatible with: MAB927

■ MAB526 STATISTICAL SCIENCE 3

Topics from (1) time series and statistical forecasting or from (2) sampling and survey techniques or from (3): actuarial statistics. (1) trend and seasonal effects; stationarity; linear models; recursive methods; linear and non-linear forecasting; state-space models; Kalman filter; frequency domain; spectral estimation; dynamical systems and chaos; statistical computing for time series. (2) random sampling; design of questionnaires; data quality and errors in surveys; systematic, cluster and double sampling plans; imputation techniques; alternatives to household surveys. (3) distribution theory; financial stochastic models and their use in problem-solving; credibility, utility and risk theory; loss and ruin models.

Courses: IF21, IF39, IF42, IF44, IF49, IF50, IF58, IF60, IF71, SC01

Prerequisites: (MAB314, MAB414) or (MAB647, MAB648)

Corequisites: MAB524

Credit points: 12 **Contact hours:** 4 per week

■ 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, IF42, IF44, IF50, IF58, IF60, IF71, SC01

Prerequisites: (MAB311, MAB413) or (MAB601, MAB612)

Credit points: 12

Contact hours: 4 per week

Incompatible with: MAB973

■ 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, congruences; 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, IF42, IF44, IF50, IF58, IF60, IF71, IT20, IT21, SC01

Prerequisites: MAB112 or MAB303

Credit points: 12

Contact hours: 4 per week

Incompatible with: MAB620

■ 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

Prerequisites: MAB313 or MAB342

Credit points: 12

Contact hours: 4 per week

Incompatible with: MAB641

■ 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, IF42, IF44, IF50, IF58, IF60, IF71, SC01

Prerequisites: MAB414 or MAB648

Credit points: 12

Contact hours: 4 per week

Incompatible with: MAB908

■ 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, IF42, IF44, IF50, IF58, IF60, IF71, SC01

Prerequisites: MAB525

Credit points: 12

Contact hours: 4 per week

Incompatible with: MAB928

■ MAB640 INDUSTRY PROJECT

This unit extends the work undertaken in MAB440 whereby the student gains further industry experience by working on the selected project on a part-time basis throughout the semester in a team-oriented approach to problem solving leading to the presentation of a seminar and the submission of a final written report.

Courses: IF58, IF60, SC01

Prerequisites: MAB440

Corequisites: At least 36 credit points from 3rd level mathematical sciences units

Credit points: 24

Incompatible with: MAB960

■ 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, IF42, IF44, IF50, IF58, IF60, IF86, SC01

Prerequisites: MAB413 and MAB422

Credit points: 12

Contact hours: 4 per week

■ 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

■ MAB730 SURVEYING MATHEMATICS 2

Systems of linear equations and methods of solution; Gaussian elimination; the inverse of a matrix; determinants. Cramer's Rule; rank of a matrix. Compact methods and iterative methods for solution of a system of equations. Methods of solution of overdetermined systems arising from surveying problems. Curve and surface fitting: Lagrange polynomials; least squares and two-dimensional interpolation methods. Eigenvalues and eigenvectors of 2 by 2 and 3 by 3 matrices: diagonalisation; quadratic forms and conic sections. The solution of non-linear systems arising from large surveying, geodetic and photogrammetric problems. Fixed point iteration; Newton's Method.

Courses: PS47, PS48

Prerequisites: MAB111

Credit points: 12

Contact hours: 4 per week

Incompatible with: MAB496, MAB795

■ MAB761 ANALYSIS 4

Convergence in \mathbb{R} ; uniform convergence; Lebesgue integral; convergence theorems; L_p -spaces; metric spaces; completeness and compactness; contraction mappings; normed and Banach spaces; dual spaces; linear operators; Hilbert spaces; Hilbert-adjoint operator; linear operator equations; spectrum of a linear operator.

Courses: SC60, SC71, SC80, IF49

Prerequisites: MAB311

Credit points: 12

Contact hours: 3 per week

Incompatible with: MAB906

■ MAB762 PERTURBATION METHODS & FIELD THEORY 4

Electrostatics; steady current theory; magnetism; electrodynamics; perturbation expansions; asymptotic expansions; strained coordinates; matched asymptotic expansions.

Courses: SC60, SC71, SC80, IF49

Prerequisites: MAB413, MAB521

Credit points: 12

Contact hours: 3 per week

■ MAB763 FLUID & SOLID DYNAMICS 4

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
Incompatible with: MAB912, MAB986

■ **MAB764 COMPUTATION AND MODELLING 4**

Generalised conservation equations; finite difference solution methods; numerical solution of Laplace's equation; large sparse matrix systems; finite volume methods; reaction, diffusion and chemotaxis; biological waves, including invasive spreading populations, spread and control of insect populations; spatial pattern formation, including Turing mechanisms and spatial patterns.

Courses: SC60, SC71, SC80, IF49

Prerequisites: MAB522, MAB613

Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MAB973, MAB985

■ **MAB765 INFERENCE & APPLICATIONS 4**

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
Incompatible with: MAB981, MAB984

■ **MAB766 APPLIED TIME SERIES ANALYSIS 4**

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

Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MAB929, MAB978

■ **MAB767 APPLIED STATISTICS & CONSULTING 4**

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

Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MAB974, MAB976

■ **MAB768 ADVANCED TECHNIQUES IN OPERATIONS RESEARCH 4**

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 **Incompatible with:** MAB977

Credit points: 12 **Contact hours:** 3 per week

■ **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: MAB314

Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MAB941, MAB971, MAB980

■ **MAB770 INDUSTRIAL MATHEMATICS 4**

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; industrial mathematics case studies; "from-scratch" analysis of case studies; heat and mass transfer-type models.

Courses: SC60, SC71, SC80, IF49

Prerequisites: MAB521, MAB523

Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MAB986

■ **MAB787 PROJECT**

Project and thesis component of Honours course (SC60).

Courses: SC60 **Prerequisites:** Approval of Head of School

Credit points: 36

■ **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, PS47, PS48

Prerequisites: MAB180 or MAB187), MAB188

Credit points: 8 **Contact hours:** 3 per week
Incompatible with: MAB101

■ **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, ED51, ED52, ED54, ED55, IF70-79

Credit points: 12 **Contact hours:** 3 per week

■ **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 meas-

urement, 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 solving 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

Credit points: 12

Prerequisites: MDB386

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

Credit points: 12

Prerequisites: MDB386, MDB373

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, nu-

merical 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

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

Credit points: 12

Prerequisites: MDB387

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

Credit points: 12

Prerequisites: MDB387

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

Credit points: 12

Prerequisites: MDB390

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

Credit points: 12

Corequisites: MDB383

Contact hours: 3 per week

■ MDB393 NETWORKED COMMUNITIES

Examines how a number of computer-linked communities can provide access to information and resources that teachers may use both personally and professionally. Students will use such things as local and wide area networks, electronic information services, Internet, and the World Wide Web to participate in global and local communities and contribute to the resources available to these communities.

Courses: ED52, ED51

Prerequisites: MDB383

Credit points: 12

Corequisites: MDB383

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

Credit points: 12

Prerequisites: MDB386

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

Credit points: 12

Corequisites: MDB383

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 empha-

sis will be placed on catering for the individual and providing experiences which 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 & TEACHING

A critical study of the factors which affect the construction of effective learning and teaching environments that are supported by information technology. Students will become skilled with the use of an integrated program, and create and evaluate a suite of teacher resources to support a unit of work.

Courses: ED51

Credit points: 12

Prerequisites: MDB383

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 & 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 & 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 & 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 & SCIENCE

The processes of mathematical and scientific inquiry. Key mathematical and scientific concepts found in primary and/or secondary curricula. The characteristics of and conditions for understanding key mathematical or scientific concepts. The structuring of learning experiences taking into account prior knowledge, suitable metaphors, exemplars and connections.

Courses: ED13, ED11, ED61
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 or 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 or 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 pre-number, number, basic numeracy, advanced numeracy and introductory algebra. Integration of mathematical concepts across the curriculum and applications from real life situations. The use of technology in learning mathematics including the calculator as a pedagogical aid.

Courses: ED26, ED28, ED50, ED55, ED61
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 Toolbox, and their applications in multimedia environments.

Courses: ED21, ED61
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

■ MEB335 MATERIALS FOR MEDICAL SCIENCE

History of biomaterials, Implant materials (Metallic, polymeric, ceramic, composite). Failure by fracture, fatigue, creep, corrosion and polymer degradation. Tissue response; wound healing, biocompatibility, blood compatibility, carcinogenicity. Hard and soft tissue replacement; breast implants, ophthalmology, vascular implants, artificial organs. Sterilisation. Controlled release polymers – principle and processes.

Courses: SC01 **Prerequisites:** MEB135
Credit points: 12 **Contact hours:** 5 per week

■ MEB337 MATERIALS FAILURE

Failure processes of materials and materials selection; fracture mechanics; failure mechanisms in ceramics and composites; fatigue; environment fracture and creep; introduction to corro-

sion through equilibrium electrochemistry; corrosion prevention. Polymer properties and degradation. Materials selection in design. Effect of processing on performance and failure.

Courses: SC01 **Prerequisites:** MEB134
Credit points: 12 **Contact hours:** 5 per week

■ MEB533 TOPICS IN MATERIAL SCIENCE

Advanced studies in three areas encompassing: properties and applications for modern advanced composites; fibre reinforcements of ceramic, metal and polymer materials; coatings of metals and ceramics by vapour deposition; plasma and advanced techniques; surface treatments for frictional and wear performance; properties of ultra high strength steels; the theory and practice of SEM and TEM; corrosion testing of materials and advanced methods of protection; fibre science and polymers from renewable resources.

Courses: SC01
Prerequisites: MEB134, either MEB335 or MEB337
Credit points: 12 **Contact hours:** 5 per week

■ MEB551 PROPULSION & ENGINES

Performance of turboprops; turbofans; turbojets; ramjets; pulsejets; scramjets and their components; engine efficiencies; single and multistage rockets; liquid and solid propellant rockets; specific impulse; burning time; thrust; thrust specific fuel consumption.

Courses: EE43 **Prerequisites:** MEB362
Credit points: 8 **Contact hours:** 3

■ MEB553 AERODYNAMICS 2

Analysis of the inviscid incompressible flow about airfoils and finite wings, the compressible flow about supersonic and transonic airfoils, and the compressible flow through supersonic nozzles and diffusers. The aerodynamic design requirements for supersonic and transonic airfoils and aircraft, the effects of compressibility on aircraft performance.

Courses: EE43 **Prerequisites:** MEB454
Credit points: 8 **Contact hours:** 3 per week

■ MEB690 AIRCRAFT SYSTEMS

Design criteria and techniques of hydraulic, pneumatic and electrical circuits to provide the services to operate a modern aircraft, e.g. detailed analysis of under-carriage and flap systems; aircraft fuel systems; pressurisation systems; cockpit instrumentation and associated equipment; principles and operation of gyroscopes and accelerometers.

Courses: EE43
Credit points: 8 **Contact hours:** 3 per week

■ 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 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 projects under different cost allocation methods; appreciate the role of variance analysis as a management tool; estimate cash flows; make lease versus buy decisions.

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; field visit. 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.

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 parts inventory management; cost downtime; downtime reduction; planning shutdowns/turnarounds; performance measures; documentation and document control; configuration management; computer based maintenance management systems; total productive maintenance (TPM); condition monitoring; financial analysis for asset management.

Courses: ME75, ME76

Credit points: 12

Contact hours: 3 per week

■ MEN272 ENTERPRISE RESOURCE PLANNING

Functions and interrelationships between the major components – demand analysis, production and operations planning and control, resource planning and control – of a manufacturing requirements planning (MRPII) system; Supply Chain Management; total enterprise approach to business management. Extension of these principles to processing and service industries such as mining and minerals processing, 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

Definition of project management; organisational structures; project planning; feasibility analysis; project organisation; legal aspects; project control; quality control.

Courses: BS93, ME75, ME76

Credit points: 12

Contact hours: 3 per week

■ MGB001 HUMAN RESOURCES & INDUSTRIAL RELATIONS

Influences impacting on human resource management and industrial relations in an engineering environment; theoretical

foundation of human resource management and industrial relations.

Courses: ME35

Credit points: 8

Incompatible with: HRB149

Contact hours: 2 per week

Campus offered: GP

■ MGB002 INDUSTRIAL MANAGEMENT

The management process, planning, leading, organising, controlling; human resources management aspects of communication, motivation, leadership and teamwork, with practical applications to planning and control, personnel relations, job design.

Courses: EE43, ME45, ME46

Credit points: 8

Incompatible with: HRB111

Campus offered: GP

Contact hours: 2 per week

Semester offered: 1, 2

■ MGB004 MANAGING PEOPLE AT WORK

Introduction to the theory, process and practice of management and organisations with special reference to an engineering environment; importance of people in the achievement of organisational objectives.

Courses: ME35

Credit points: 8

Incompatible with: HRB148

Campus offered: GP

Contact hours: 2 per week

■ MGB006 MANAGEMENT FOR ENGINEERS

This unit aims to introduce engineering students to the fundamental 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 and, gives emphasis to the involvement of people and their skills in the modern flexible organisation. It distinguishes service management from manufacturing and considers technology and innovation. It takes an integrated approach to quality in all aspects of management.

Courses: EE41, EE42

Credit points: 12

Prerequisites: BNB007, EEB781

Semester offered: 2

■ 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

Campus offered: GP

Credit points: 12

Semester offered: 2

■ MGB201 EMPLOYMENT REGULATION & ADMINISTRATION

The formal regulatory nature of the employment relationship, and the informal rules and systems examined in the economic, political and social framework; practical and operational knowledge in relation to the contract of employment; awards, agreements, superannuation, termination and workers' compensation.

Courses: BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF62

Prerequisites: MGB207 and MGB211 and MGB220

Credit points: 12

Incompatible with: HRB103

Contact hours: 3 per week

Campus offered: CA, GP

■ MGB202 EQUITY & DIVERSITY MANAGEMENT

The historical, legal and social perspectives on current issues surrounding equal employment opportunity and anti-discrimination initiatives; workplace implications of current laws and, in particular, likely and possible impacts in making personnel-related decisions; concepts and application of the principle of merit, day-to-day impacts of equity legislation; practical models for EEO management planning.

Courses: BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF62

Prerequisites: MGB207 and MGB211 and MGB220

Credit points: 12

Incompatible with: HRB133

Contact hours: 3 per week

Campus offered: GP

■ MGB203 GOVERNMENT-MANAGEMENT INTERFACE

Provides an essential understanding of the complex and dynamic relationships between business and Australian governments. Students will extend their basic knowledge of the role of governments to develop a more specific conceptual and empirical basis to understand how interactions between Australian government and business are managed. The focus is upon the political context of business activity, government policies towards business, their processes of development and operational impacts, and the constraints and capacities of various business sectors to influence the political system.

Courses: BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF62

Prerequisites: MGB207 and MGB211 and MGB220

Credit points: 12 **Contact hours:** 3 per week

Incompatible with: EPB125, EPN101

Campus offered: CA, GP

■ MGB206 MANAGEMENT & ORGANISATION THEORY

Examines the historical and theoretical roots of management and organisation concepts and practices, and the way management and organisation have been constructed as fields of inquiry by both management practitioners and academics. Organisational theories explained in this unit include: Weber's bureaucracy, stages of corporate development; transaction cost analysis; institutional and neo-institutional theory; population ecology; and various critical theories of organisation. Students have the opportunity to find out the strengths and limitations of management and organisational theories using a variety of critical approaches.

Courses: BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF62

Prerequisites: MGB207 and MGB211 and MGB220

Credit points: 12 **Contact hours:** 3 per week

Incompatible with: HRB127 **Campus offered:** CA, GP

■ MGB207 MANAGING HUMAN RESOURCES

Key functions and processes in the management of human resources from the perspectives of the various stakeholders in the employment relationship, a strategic approach in a total environment context, human resources management and industrial relations in theoretical and applied senses.

Courses: BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF62, PU40

Prerequisites: BSB114 and BSB115

Credit points: 12 **Contact hours:** 3 per week

Incompatible with: HRB131 **Campus offered:** CA, GP

■ MGB209 OCCUPATIONAL HEALTH & SAFETY MANAGEMENT

Health and safety management at work; hazard identification, risk management and evaluation, control strategies and implementation programs; legal frameworks, government policy and management strategies; safety audits and the management of health and safety functions.

Courses: BS50, BS56, IF28, IF30, IF41, IF48, IF62

Prerequisites: MGB207 and MGB211 and MGB220

Credit points: 12 **Contact hours:** 3 per week

Incompatible with: HRB128 **Campus offered:** GP

■ MGB210 OPERATIONS, PRODUCTION & SERVICE MANAGEMENT

Extends general management philosophies to the production/operations customer sub-systems. The pivotal concept is the organisation as a dynamic system affected by both external and internal forces. Operations management narrows the focus to the sub systems within the organisation that physically produces that organisation's goods or services. Issues of quality and efficiency are considered analytically in terms of broader strategies and constraints.

Courses: BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF62

Prerequisites: MGB207 and MGB211

Credit points: 12 **Contact hours:** 3 per week

Incompatible with: HRB129 **Campus offered:** CA, GP

■ MGB211 ORGANISATIONAL BEHAVIOUR

Impact that individual, group, and organisational characteristics have on behaviour within organisations. Theories, research and applications for understanding, predicting, changing behaviour and developing people in organisations. Topics include: abilities, learning, work motivation and attitudes, leadership and group dynamics, as well as macro issues such as structure and culture.

Courses: BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF62, PU40

Prerequisites: BSB114 and BSB115

Credit points: 12 **Contact hours:** 3 per week

Incompatible with: HRB130 **Campus offered:** CA, GP

■ MGB215 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: BS50, BS56

Prerequisites: MGB207 and MGB211 and MGB220 and permission of the major coordinator

Credit points: 12 **Contact hours:** 3 per week

Campus offered: GP

■ MGB216 TECHNOLOGY MANAGEMENT

Explores the links between research, technical process, product innovation and management structure, policy and practice. Emphasises the consequences of changes to technologies for the organisation, for example, in information technology. It further examines the internal operation of organisations, with particular respect to management (of human, material and financial resources), technological innovations, and social change; the nature of product and process innovation, and technology transfer; intellectual property and licensing; evaluating technology; key technology areas (for example government policy and assistance) and research and development in technology.

Courses: BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF62

Prerequisites: MGB210 and MGB220

Credit points: 12 **Contact hours:** 3 per week

Incompatible with: HRB140 **Campus offered:** GP

■ MGB218 VENTURE SKILLS

The type of learning carried out in this unit relates specifically to skills required to manage ongoing business operations. The subject is designed to develop student skills in small business management and analysis. The analysis of business includes how to analyse aspects of existing small business operations.

Courses: BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF62

Prerequisites: BSB110 and MGB210 and MGB220

Credit points: 12 **Contact hours:** 3 per week

Campus offered: GP

■ MGB220 METHODS & ANALYSIS

Designed to provide students with a conceptual map about conducting research. Students proceed through the research process moving from establishing a research question, determining dependent and independent variables, deciding on analytic technique, gathering data, data analysis, drawing conclusions and reporting the research outcomes. Emphasis is placed on qualitative methodologies, including ethnomethodology and archival research.

Courses: BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF62

Prerequisites: BSB114 and BSB115

Credit points: 12 **Contact hours:** 3 per week

Incompatible with: MGB100, EPB109, EPB110, EPB163, COB334, COB203

Campus offered: CA, GP

■ MGB221 WORK & PERFORMANCE

Builds on material covered in MGB207, and focuses in depth on the theory and practice of job design and analysis, performance management, job evaluation, and remuneration

management; examines the theoretical measurement and methodological foundations of human resource management.

Courses: BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF62

Prerequisites: MGB207

Credit points: 12

Contact hours: 3 per week

Incompatible with: MGB328, HRB105

Campus offered: CA, GP

■ MGB300 ADVANCED ORGANISATIONAL BEHAVIOUR

Investigates and analyses major organisational behaviour issues from the viewpoints of organisational effectiveness and quality of work life, using three frames: learning in organisations, actors in organisations, and organisations as political arenas. Thorough examination of literature and research, an emphasis on data gathering, analysis, and evaluation skills. Macro level issues are considered. Concepts are applied via case studies, surveys, and/or projects.

Courses: BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF62

Prerequisites: MGB207 and MGB211 and MGB220

Credit points: 12

Contact hours: 3 per week

Incompatible with: HRB100 **Campus offered:** CA, GP

■ MGB303 ENTREPRENEURSHIP

Examines the processes of small business start up in terms of developing skills and knowledge entrepreneurship and new venture creation. Examines the entrepreneur in terms of entrepreneurial personality theories, entrepreneurial management and intrapreneurship. New venture creation deals with business planning and resourcing a business start-up. New venture creation develops skills and knowledge for students to analyse and manage the external environment of a small business start-up. Additionally students develop skills and knowledge on how to design and manage over time the internal operations and response to the external environment of a start-up firm.

Courses: BS50, BS56, ED23, IF28, IF30, IF41, IF47, IF48, IF62

Prerequisites: BSB110 and MGB207 and MGB211

Credit points: 12

Contact hours: 3 per week

Incompatible with: HRB116

Campus offered: CA, GP

■ MGB304 HUMAN RESOURCE PLANNING & INFORMATION SYSTEMS

Detailed examination of organisational strategy, business plans and link with human resource planning; quantitative and qualitative approaches to prediction. Careers, career management, succession planning, downsizing. Extensive reference to the role, design and use of computerised human resource information systems as the database facilitating human resource planning and managerial decision making.

Courses: BS50, BS56, IF28, IF30, IF41, IF47, IF48

Prerequisites: BSB112 and MGB220 and MGB221

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ MGB305 HUMAN RESOURCE MANAGEMENT STRATEGY & POLICY

This is the capstone of the HRM extended major. The primary objective is to integrate HR concepts and issues into the wider business and environmental context; a range of historical features, professional and ethical matters are considered; policy development and evaluation is examined; an experiential approach based in cases and/or simulations is adopted.

Courses: BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF62

Prerequisites: MGB300 and MGB320 and MGB331

Credit points: 12

Contact hours: 3 per week

Incompatible with: HRB136 **Campus offered:** CA, GP

■ 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: BS50, BS56

Prerequisites: MGB207 and MGB211 and MGB220 and permission of the Major Coordinator

Credit points: 12

Contact hours: 3 per week

Incompatible with: HRB151 **Campus offered:** GP

■ MGB307 INTERNATIONAL HRM

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.

Courses: BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF62

Prerequisites: MGB211 and MGB221

Credit points: 12

Contact hours: 3 per week

Incompatible with: HRB117 **Campus offered:** GP

■ MGB309 STRATEGIC MANAGEMENT

Presumes previous studies in management areas. Provides students with an ability to understand and participate in the formulation and implementation of management policy and strategy. Emphasises a critical analysis of the literature in the field of strategic management and the effect this has had on the processes adopted by different organisations. As a capstone unit, it gives students the opportunity to analyse synergies between the various strands of their major and to develop skills in influencing the strategic direction of organisations.

Courses: BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF62

Prerequisites: MGB303

Credit points: 12

Contact hours: 3 per week

Incompatible with: HRB125, MIB314

Campus offered: CA, GP

■ MGB311 MANAGING CHANGE

Builds on introductory and intermediate units in management and is designed to equip managers with an understanding of the management of change in a variety of organisational and contextual settings. Explores the certainty of uncertainty and its implications for management. Emphasis is placed on developing change management skills, through a program of skills development embedded in a sound understanding of relevant theory.

Courses: BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF62

Prerequisites: MGB207 and MGB211 and MGB220

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ MGB312 NEGOTIATION & COLLECTIVE BARGAINING

Theory of negotiation, the basic concepts of integrative and distributive bargaining, process and phases of negotiation in practice, negotiating enterprise bargaining agreements.

Courses: BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF62

Prerequisites: MGB207 and MGB211 and MGB220

Credit points: 12

Contact hours: 3 per week

Incompatible with: HRB102 **Campus offered:** GP

■ MGB313 ORGANISATIONAL CHANGE & DEVELOPMENT

A range of interventions designed to improve an organisation's capacity to actively adapt to its environment. Interventions oriented to various levels of analysis will be covered, for example individual, interpersonal, group, inter-group, organisational, and the organisation in its broader context.

Courses: BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF62

Prerequisites: MGB314

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ MGB314 ORGANISATIONAL CONSULTING & COUNSELLING

Conceptual and theoretical bases of consulting and counselling; relationship building, diagnosis, intervention, and evaluation. Personal and interpersonal skills of the consultant/counsellor developed to a substantial level. Emphasis is placed on designing process to achieve outcomes.

Courses: BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF62

Prerequisites: MGB211 and MGB221

Credit points: 12 **Contact hours:** 3 per week

Incompatible with: HRB119, COB102

Campus offered: GP

■ 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 behaviour and ethics. Also examines influence processes, negotiation and conflict resolution, stress management and personal career management. Throughout, it emphasises the design of processes to achieve outcomes and skills of reflective practice.

Courses: BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF62

Prerequisites: MGB207 and MGB211 and MGB220

Credit points: 12 **Contact hours:** 3 per week

Incompatible with: HRB104

Campus offered: CA, GP

■ MGB319 QUALITY MANAGEMENT

Introduction to the role of quality in the modern organisation, relation between quality management and strategic management as a total management philosophy; international quality programs and implications for Australia; organising for quality.

Courses: BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF62

Prerequisites: MGB210 and MGB220

Credit points: 12 **Contact hours:** 3 per week

Incompatible with: HRB403 **Campus offered:** GP

■ MGB320 RECRUITMENT & SELECTION 1

Draws on conceptual and research foundations established in MGB328. Examines the environment of recruitment and selection, especially legal requirements. Recruitment is considered from the perspective of both the organisation and the individual. Recruitment strategies are evaluated. Basic selection strategies are examined. Skills in planning and conducting interviews are developed. Technical issues include validity, reliability and utility analysis.

Courses: BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF62

Prerequisites: MGB211 and MGB220 and MGB221

Credit points: 12 **Contact hours:** 3 per week

Incompatible with: HRB134 **Campus offered:** CA, GP

■ MGB321 RECRUITMENT & SELECTION 2

Examines advanced selection strategies. Sophisticated use of biographical data; aptitude, ability, and personality testing; work samples; assessment centres; previous performance. Data manipulation and decision making processes. Selection for particular occupational groups. Workshop and experiential project activities.

Courses: BS50, BS56, IF28, IF30, IF41, IF48, IF62

Prerequisites: MGB320

Credit points: 12 **Contact hours:** 3 per week

Incompatible with: HRB134 **Campus offered:** GP

■ MGB322 REMUNERATION MANAGEMENT

Examines remuneration management processes and practices in the environment of enterprise bargaining and employment contracts. Structure and effects of remuneration packages. Examination of range of types of remuneration, and the advantages and disadvantages of each. Remuneration in the context of organisation strategy and policy.

Courses: BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF62

Prerequisites: MGB211 and MGB221

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ MGB323 SMALL BUSINESS MANAGEMENT

Examines the role and importance of small business in Australia. It includes detailed considerations concerning managing the growth phase, approaches to the management of a troubled firm and small business re-engineering management. Operational areas requiring attention in small business management are examined, as well as personal factors impinging on small business managers.

Courses: BS50, BS56, ED23, ED50, IF28, IF30, IF41,

IF47, IF48, IF62

Prerequisites: MGB218

Credit points: 12

Contact hours: 3 per week

Incompatible with: HRB135

Campus offered: GP

■ MGB325 TRAINING & DEVELOPMENT 2

Planning and programming management and supervisory development; career planning; developing a complete training program; advanced training techniques: case study, role play, laboratory training, simulations, games, programmed instruction, computer assisted instruction, individualised learning, video and learning; managing the training and development function; the competencies of a trainer. Experiential and project activities.

Courses: BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF62

Prerequisites: MGB331

Credit points: 12

Contact hours: 3 per week

Incompatible with: HRB101

Campus offered: GP

■ MGB331 TRAINING & DEVELOPMENT 1

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: BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF62

Prerequisites: MGB211 and MGB221

Credit points: 12

Contact hours: 3 per week

Incompatible with: MGB217, HRB120

Campus offered: CA, GP

■ MGB332 AUSTRALIAN INDUSTRIAL RELATIONS

This unit provides an overview of Australia's federal industrial relations system, and changes to this over time. Contemporary pressures for change are examined, and the outcomes analysed.

Courses: BS56, IF28, IF30, IF41, IF47, IF48, IF62

Prerequisites: MGB207, MGB211 and MGB220

Credit points: 12

Contact hours: 3 per week

Incompatible with: MGB204 and MGB329

Campus offered: GP

■ MGB333 SMALL BUSINESS CONCEPTS & CASES

This unit is subject to final approval. Topics and cases in this unit are developed around the needs of the participants and issues in current research. Topics include critiquing established economic theories as well as the more recent theories of population ecology, institutional and resource dependency as they apply to small enterprise. Life cycles and the role of small enterprise in job creation are explored, incorporating innovation and sociological influences.

Courses: BS56, IF28, IF30, IF41, IF47, IF48, IF62

Prerequisites: MGB303

Campus offered: GP

Credit points: 12

Contact hours: 3 per week

■ 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, GS70, GS80, GS81, BS39, BS93

Prerequisites: PG only

Credit points: 12

Contact hours: 3 per week

Incompatible with: EPN101

Campus offered: GP

■ 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, GS70, GS80,

Prerequisites: PG only

Credit points: 12

Contact hours: 3 per week

Incompatible with: HRN104

Campus offered: GP

■ 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, ED23, GS10, GS11, GS13, GS85, GS86,

Prerequisites: PG only

GS87, GS90, GS91, GS92

Credit points: 12

Contact hours: 3 per week

Incompatible with: HRN105

Campus offered: GP

■ 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, ED23, GS70

Prerequisites: PG only

Credit points: 12

Contact hours: 3 per week

Incompatible with: HRN108

Campus offered: GP

■ 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

■ 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: BS93, BS39

Prerequisites: PG only; plus GSN204 and GSN205

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ 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; plus 24 credit points from BS93 or 48 credit points from GS70 or GS81

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ 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 U/G specialisation in Business or Commerce, or equivalent entry to BS93, or 48 credit points from GS70 or GS81

Credit points: 12

Contact hours: 3 per week

Incompatible with: BSN407, MGN504

Campus offered: GP

■ 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; with an U/G specialisation in HRM, international business, international relations or cross cultural communication, or approval of the course coordinator

Credit points: 12

Contact hours: 3 per week

Incompatible with: MGN425, MGN426, MGN427

Campus offered: GP

■ 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 distinguishes 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 deliv-

ery; and inter-governmental relations, including the role of local governments in the federal system.

Courses: BS39, BS93

Credit points: 12

Campus offered: GP

Prerequisites: PG only

Contact hours: 3 per week

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

Credit points: 12

Campus offered: GP

Prerequisites: PG only

Contact hours: 3 per week

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

Credit points: 12

Campus offered: GP

Prerequisites: PG only

Contact hours: 3 per week

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

Credit points: 12

Incompatible with: HRN118

Prerequisites: PG only

Contact hours: 3 per week

Campus offered: GP

■ 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; plus GSN208

Credit points: 12

Campus offered: GP

Contact hours: 3 per week

■ 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

Incompatible with: HRN115

Contact hours: 3 per week

Campus offered: GP

■ 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

Credit points: 12

Incompatible with: HRN119

Prerequisites: PG only

Contact hours: 3 per week

Campus offered: GP

■ 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

Credit points: 12

Incompatible with: HRN116

Prerequisites: PG only

Contact hours: 3 per week

Campus offered: GP

■ 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

Credit points: 12

Campus offered: GP

Prerequisites: PG only

Contact hours: 3 per week

■ 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, BS93, GS70, GS81, IF64

Prerequisites: PG only

Credit points: 12

Incompatible with: EPN104

Contact hours: 3 per week

Campus offered: GP

■ 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, BS93, GS70, GS81, IF64

Prerequisites: PG only

Credit points: 12

Incompatible with: EPN106

Contact hours: 3 per week

Campus offered: GP

■ MGN520 RESEARCH DISSERTATION

Students undertake a research dissertation. Each student is assigned to a supervisor, subject to the approval of the course coordinator, in consultation with the relevant Head of School. In general, the supervisor provides guidance in relation to the choice, preparation and submission of the dissertation. Supervisors are appointed before students commence the research dissertation unit. The supervisor shall not be an examiner of the dissertation. The dissertation is examined by an examin-

ing committee of at least three, appointed by the Dean, and consists of at least two examiners, one of whom may be external to the university, plus the course coordinator, who acts as chair of the committee.

Courses: IF64

Prerequisites: PG only

Credit points: 48

Incompatible with: BSN151

Campus offered: GP

■ MGN522 RESEARCH SEMINAR

Quality in policy research requires sound understanding of appropriate research methodologies, their design and implementation. This unit is intended to help provide the student with that understanding, tailored to the specific needs of individual research dissertations. It provides a particular focus upon methods and techniques relevant to policy research.

Courses: IF64

Prerequisites: PG only

Credit points: 12

Contact hours: 3 per week

Incompatible with: EPN118

Campus offered: GP

■ 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: BS93, IF49

Prerequisites: PG only

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ MIB101 BUSINESS IN AUSTRALIA

This unit will introduce international students and those 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, factory visits and industry analysis.

Courses: BS56

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

Semester offered: 1

■ MIB200 ASIAN BUSINESS DEVELOPMENT

Students undertake an analysis of economic change in Asia since 1820. Material presented will cover the response of Japan, China and South-East Asia to European intrusion and the growth of the international economy. Topics studied will include: the economic consequences of colonisation; the impact of war; technological change; ideology and development policies; ASEAN; the rise of the NICs.

Courses: BS50, BS56, IF26, IF28, IF30, IF37, IF41, IF48, IF56, IF62, IF72

Prerequisites: BSB116

Credit points: 12

Contact hours: 3 per week

Incompatible with: EPB105

Campus offered: GP

■ MIB202 BUSINESS & THE WORLD ECONOMY

Focuses on application of concepts from economics to the trade and finance problems of the international economy and their relationship to business. Topics covered include determination of a country's comparative and competitive advantage in international trade in a variety of industries. The economics and politics of trade policy, the multinational firm, trading blocs, strategic trade policy and the relationship between industries performance, trade and trade policy. International monetary arrangement (gold standard, Bretton Woods System, flexible exchange rates, currency reform); the role of political institutions in economic development (EMS, Maastricht Treaty), international debt and the increasing importance of emerging equity markets will be considered.

Courses: BS50, BS56, IF26, IF28, IF30, IF37, IF41, IF48, IF56, IF62, IF72

Prerequisites: BSB113 and BSB116

Credit points: 12

Contact hours: 3 per week

Incompatible with: EPB132

Campus offered: GP

■ MIB203 COMPARATIVE REGULATORY SYSTEMS

Provides the student with an understanding of the regulatory systems within which businesses operate, on a comparative and international basis. It examines the need for, and the development of, regulatory systems, followed by an examination of regulatory systems in relation to: individual and organisational transactions; business structures; the roles and duties of managers and employees in the workplace; capital; a selection of major industries; and theories of regulation.

Courses: BS50, BS56, IF26, IF28, IF30, IF37, IF41, IF48, IF56, IF62, IF72

Prerequisites: BSB114

Credit points: 12

Campus offered: GP

Contact hours: 3 per week

■ MIB204 CONSUMER BEHAVIOUR

The field of consumer behaviour is young and dynamic. It is focused on goods and services bought and used, and the ways in which these fit into individual lifestyles. The unit examines how individual characteristics such as motives, personality, lifestyles and attitudes; social variables such as culture, social class, and groups and situational variables can influence our decision making process and how this relates to marketing strategy.

Courses: BS50, BS56, IF26, IF28, IF30, IF37, IF41, IF48, IF56, IF62, IF72

Prerequisites: MIB217 or COB308 or COB325

Credit points: 12

Contact hours: 3 per week

Incompatible with: MKB142

Campus offered: GP

■ MIB205 CROSS CULTURAL COMMUNICATION & NEGOTIATION

Analyses the complex interdependence between cultures, management philosophies, corporate strategies and business negotiations. It is designed to develop skills in managing and negotiating in the international environment. The unit will assess the relationships among values, significant religions (e.g. Confucian ethics, Islam) and managerial and corporate communications behaviour in diverse environments; it will discuss communications, negotiation and management problems; and deal with socio-culture issues and behaviours which impact upon international firms.

Courses: BS50, BS56, IF26, IF28, IF30, IF37, IF41, IF48, IF56, IF62, IF72

Prerequisites: BSB116 and BSB117

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ MIB208 EUROPEAN BUSINESS DEVELOPMENT

Provides a survey of the economic development of Europe up to the Second World War focusing on the major factors involved in that development and their impact on business. Topics covered will include: demographic change; agriculture; trade and colonisation; transport and communications; financial institutions and capital accumulation; intellectual and religious movements; economic theories; the role of government; war and revolution; industrialisation; big business; the Great Depression and social change. Various countries will be used as case studies to illustrate the topics.

Courses: BS50, BS56, IF26, IF28, IF30, IF37, IF41, IF48, IF56, IF62, IF72

Prerequisites: BSB116

Credit points: 12

Contact hours: 3 per week

Incompatible with: EPB120

Campus offered: GP

■ MIB210 EXPORT MANAGEMENT

Provides the student with a fundamental understanding of how to plan, organise implement and control the export operations of an Australian business enterprise. The unit is highly applied and covers a range of topics which focus upon the managerial aspects of exporting goods and services to overseas markets. The managerial issues include: an understanding of the internationalisation process, export planning steps, intermediary decisions, transaction/transportation/insurance management issues, domestic and overseas regula-

tory aspects, and an investigation of contemporary export management practices.

Courses: BS50, BS56, IF26, IF28, IF30, IF37, IF41, IF48, IF56, IF62, IF72

Prerequisites: BSB116

Credit points: 12

Contact hours: 3 per week

Incompatible with: MKB143

Campus offered: GP

■ MIB211 GLOBALISATION & BUSINESS

Introduces students to the nature of the international systems impacting upon business. It adopts an historical and thematic approach that traces the development of dominant factors over time, regions and industries. Specific issues include: the nature and extent of globalisation; the changing world economy; politics, business and the nation state; transnational corporations and the changing pattern of production, trade, investment; the internationalisation of key industries and sectors such as automobiles, electronics and services.

Courses: BS50, BS56, IF26, IF28, IF30, IF37, IF41, IF48, IF56, IF62, IF72

Prerequisites: BSB116

Credit points: 12

Contact hours: 3 per week

Incompatible with: EPB133

Campus offered: GP

■ MIB212 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: BS50, BS56, IF26, IF28, IF30, IF37, IF41, IF48, IF56, IF62, IF72

Prerequisites: BSB113

Campus offered: GP

Credit points: 12

Contact hours: 3 per week

■ MIB213 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: BS50, BS56, IF26, IF28, IF30, IF37, IF41, IF48, IF56, IF62, IF72

Prerequisites: MIB217

Credit points: 12

Contact hours: 3 per week

Incompatible with: MKB149

Campus offered: GP

■ MIB215 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, IF26, IF28, IF30, IF41, IF62, IF72

Prerequisites: EFB101 and BSB116

Credit points: 12

Contact hours: 3 per week

Incompatible with: MKB136

Campus offered: GP

■ MIB217 MARKETING MANAGEMENT

Extends the student's knowledge of the fundamental marketing principles and focuses on the application of these concepts and theories within the business environment. Emphasis is on the role of the marketing manager at the Product Manager level with regard to the analysis, planning, implementation and control of marketing activities. Theory is applied through the development of a tactical product marketing plan incorporating the pivotal steps of: environmental analysis; sales forecasting and budgeting; market segmentation, targeting and positioning; consumer analysis product development and management; and the implementation issues in promotion, distribution and pricing.

Courses: BS50, BS56, IF26, IF28, IF30, IF37, IF41, IF48, IF56, IF62, IF72

Prerequisites: BSB113 and BSB116

Credit points: 12

Contact hours: 3 per week

Incompatible with: MKB141

Campus offered: GP

■ MIB218 MARKETING SPORT & RECREATION

Development of sports marketing strategies in an increasingly competitive and global leisure environment. In addition to product development, pricing and distribution elements, the subject will emphasise the importance of innovative promotion and sponsorship plans. Principles of sports marketing will be supported by case analyses and guest lecturers from the sports sector.

Courses: BS50, BS56, IF26, IF28, IF30, IF37, IF41, IF48, IF56, IF62, IF72

Prerequisites: MIB217

Campus offered: GP

Credit points: 12

Contact hours: 3 per week

■ MIB220 BUSINESS TO BUSINESS MARKETING

Addresses the special characteristics of organisational markets and business to business marketing programs. It involves the study of organisational buyer behaviour and the special customer client relationship that form an important part of the business to business marketing process. Organisational markets constitute a powerful and essential part of the world economy, being the preliminary source for retailing and manufacturing operations and the force behind major services sectors in supplying government and non-government services, including health, education and works. As such, organisational markets are the driving factor behind the economy's health, nationally and internationally.

Courses: BS50, BS56, IF26, IF28, IF30, IF41, IF62, IF72

Prerequisites: MIB217

Campus offered: GP

Credit points: 12

Contact hours: 3 per week

■ MIB221 RETAIL INDUSTRY

Provides a detailed examination of the nature of the retail sector in Australia. It will commence with an examination of the development of the sector in the post 1945 era, followed by an examination of contemporary trends and issues. Students will have the opportunity of focusing on a particular segment of this very complex industry to develop a specialised understanding.

Courses: BS50, BS56, IF26, IF28, IF30, IF41, IF62, IF72

Prerequisites: BSB113 and BSB116

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ MIB222 SPORT & RECREATION INDUSTRIES

Examines the diverse organisations (private, public and not-for-profit) which comprise the sport and recreation industries; patterns of leisure behaviour and consumption; relationship between sport/recreation, work and the economy; impacts of media, the environment, changing demographics and globalisation on the business of sport and recreation.

Courses: BS50, BS56, IF26, IF28, IF30, IF41, IF62, IF72

Prerequisites: BSB115 and BSB116

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ MIB223 TECHNOLOGY & INTERNATIONAL BUSINESS

Introduces the student to a conceptual analysis of evolution, the creation of knowledge, and the impact of technology in

shaping the economic and commercial strategic agenda of the firm in the international environment. It concentrates on the determining factors of technology, the measurement of impact and patterns of development at a global level.

Courses: BS50, BS56, IF26, IF28, IF30, IF37, IF41, IF48, IF56, IF62, IF72

Prerequisites: BSB113

Credit points: 12

Contact hours: 3 per week

Incompatible with: EPB173

Campus offered: GP

■ MIB224 TECHNOLOGY & MARKETING

This unit introduces students to the impact of technology and technological change on modern marketing and marketing systems. New technology is forcing significant change in many traditional marketing processes, while at the same time providing unique opportunities for gaining access to customers and vital market data. The unit covers an assessment of the overall impact of new technology on marketing; planning and using database marketing techniques; the impact of information technology on marketing; and the role of the global information super highway and its impact on contemporary marketing practices. The unit is essentially applied and it taught using case studies, hands-on computer laboratory work and individual projects for relevant work organisations.

Courses: BS50, BS56, IF26, IF28, IF30, IF41, IF62, IF72

Prerequisites: BSB116

Campus offered: GP

Credit points: 12

Contact hours: 3 per week

■ MIB225 TOURISM

Provides a detailed understanding of tourism in the domestic and international contexts. It will focus upon: the developing nature of tourism products and services; the significance of tourism in the domestic and international economies; tourism as a market process; government and tourism; managing tourism ventures; cultural and environmental dimensions of tourism; and contemporary issues and trends.

Courses: BS50, BS56, IF26, IF28, IF30, IF37, IF41, IF48, IF56, IF62, IF72

Prerequisites: BSB113 and BSB115

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ MIB227 PRODUCT INNOVATION & MARKET DEVELOPMENT

This unit provides an introduction to 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 and industrial, goods and services, ideas, 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 will include some hands-on computer usage, visits to industry and specific practical exercises.

Courses: BS50, BS56, IF26, IF28, IF30, IF41, IF62, IF72

Prerequisites: BSB116

Incompatible with: MIB307

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

Semester offered: 2

■ MIB228 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, IF26, IF28, IF30, IF41, IF46, IF62, IF72

Prerequisites: BSB116

Credit points: 12

Contact hours: 3 per week

Incompatible with: MKB152, MIB309

Campus offered: GP

Semester offered: 1

■ MIB229 RETAIL MARKETING

This unit is an introduction to the dynamics of the retailing industry. It provides the student with detailed knowledge of the way retail marketing is conducted nationally and internationally from both strategic and operational perspectives. The unit provides a balance of theory and application in topics such as retail institutions and the retail life cycle, macro and micro store location analysis, store layout, planning and design, merchandising promotion and stock planning, franchising and industry trends. Field trips and in store projects are an integral part of the learning process.

Courses: BS50, BS56, IF26, IF28, IF30, IF41, IF62, IF72

Prerequisites: BSB116

Credit points: 12

Contact hours: 3 per week

Incompatible with: MKB145, MIB310

Campus offered: GP

Semester offered: 1

■ MIB230 SALES MANAGEMENT

The range of activities performed in the design and management of the selling function of the organisation. The management of sales including leadership, personal selling principles, account management, ethics, sales force size, territory management, selling logistics, sales force recruitment, and motivation.

Courses: BS50, BS56, IF26, IF28, IF30, IF41, IF62, IF72

Prerequisites: BSB116

Credit points: 12

Contact hours: 3 per week

Incompatible with: MKB144

Campus offered: GP

Semester offered: 1

■ MIB300 CONTEMPORARY BUSINESS IN EUROPE

Examines major issues in relation to business in contemporary Europe. The focus is a description and analysis of contemporary developments in relation to business, including: the growth of regional cooperation in Europe; business and regional cooperation; European Union policies and business; developments and opportunities in Eastern Europe; case studies in trading with Europe.

Courses: BS50, BS56, IF26, IF28, IF30, IF37, IF40, IF41, IF48, IF56, IF57, IF62, IF72

Prerequisites: MIB208

Credit points: 12

Contact hours: 3 per week

Incompatible with: EPB121

Campus offered: GP

■ MIB303 INTERNATIONAL LOGISTICS

Provides a brief overview of international trade and then focuses upon: managing international distribution channels; network links; transport modes and modal interface systems; transport regulations; sourcing and supply of components; location of manufacturing plants and warehouses; information, communication; and cost management.

Courses: BS56

Prerequisites: MIB215

Credit points: 12

Contact hours: 3 per week

■ MIB305 MARKET RESEARCH

Provides students with a sound theoretical base in market research and to examine the practical problems encountered in the field. Its objectives are: to ensure students gain the knowledge to effectively buy and use market research; to give students the basic skills necessary to undertake simple market research projects; and to introduce more advanced simple market research subjects.

Courses: BS50, BS56, IF26, IF28, IF30, IF37, IF41, IF48, IF56, IF62, IF72

Prerequisites: EFB101 and MIB217

Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MKB151 **Campus offered:** GP

■ MIB308 PROFESSIONAL MARKETING PRACTICE

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 marketing 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. The study program is drawn up in consultation with and on the approval of the lecturer.

Courses: BS50, BS56, IF26, IF28, IF30, IF37, IF41, IF48, IF56, IF62, IF72

Prerequisites: MIB305

Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MKB153 **Campus offered:** GP

■ MIB311 SERVICES MARKETING

Concerned with the special characteristics of services and the marketing strategies needed to deal with those characteristics. Topics covered include the nature and classification of services; the differences between services and products and their implications for marketing strategy; the concept of productivity for services including the management of demand and supply; the search for service quality; customer service; distribution; and international trade in services.

Courses: BS50, BS56, IF26, IF28, IF30, IF37, IF41, IF48, IF56, IF62, IF72

Prerequisites: MIB217

Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MKB146 **Campus offered:** GP

■ MIB312 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, IF26, IF28, IF30, IF37, IF41, IF48, IF56, IF62, IF72

Prerequisites: MIB211

Campus offered: GP
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: EPN110, EPB174

■ MIB313 SPECIAL TOPIC – MARKETING

An 'open-ended' unit where the opportunity will be available for staff and visiting scholars to offer a specialised program of study.

Courses: BS56, IF26, IF28, IF30, IF37, IF41, IF48, IF56, IF62, IF72

Prerequisites: MIB217

Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MKB164 **Campus offered:** GP

■ MIB314 STRATEGIC BUSINESS ANALYSIS

A knowledge of international and domestic industry market trends and their specific impacts upon the organisation provides the basic data for the development of flexible strategic visions and plans. The aim of this unit is to provide an examination of major paradigms in strategic formulation and implementation, and to develop a synthesis of competing prescriptive and descriptive approaches. It will enable the development of an integrating framework to explore why organisations differ and how these differences, in terms of individual competencies and organisational capacities, provide for sustainable competitive advantage in domestic and international markets.

Courses: BS50, BS56, IF26, IF28, IF30, IF37, IF41, IF48, IF56, IF62, IF72

Prerequisites: MIB212 or MGB206 or MGB208

Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MGB309 **Campus offered:** GP

■ MIB315 STRATEGIC MARKETING

Strategic Marketing is the capstone marketing unit. Students are exposed to a variety of strategic marketing techniques and

issues through lectures and case studies. Topics include: developing and critiquing strategic marketing planning models; determining what marketing strategy can realistically accomplish for a business; identifying underlying factors that must be considered in developing marketing strategy; discussion of problems and their solution for successful marketing strategy implementation; bringing in the customer focus in developing marketing strategy; organising for successful strategy implementation.

Courses: BS50, BS56, IF26, IF28, IF30, IF37, IF41, IF48, IF56, IF62, IF72

Prerequisites: MIB217

Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MKB155 **Campus offered:** GP

■ MIB317 CONTEMPORARY BUSINESS IN ASIA

The business and cultural environments of Japan, China the NICs and ASEAN; the major Asian economies, their structure and related issues; social and institutional foundations of the economies concerned; interaction between Asia and Australia.

Courses: BS50, BS56, IF26, IF28, IF30, IF37, IF41, IF48, IF56, IF62, IF72

Prerequisites: MIB200

Credit points: 12 **Contact hours:** 3 per week
Incompatible with: EPB108 **Campus offered:** GP

■ MIB318 MANAGEMENT OF SPORT & RECREATION

Examines the development of sports and recreation management in an increasingly competitive and global leisure environment. It will examine the full range of management functions in the sports and recreation context, aiming to provide the student with a comprehensive understanding of those functions in this applied context. Both continuing and special event environments will be investigated, with an emphasis upon project planning and control. Extensive use of case materials will illustrate the diversity characteristic of this sector.

Courses: BS50, BS56, IF26, IF30, IF41, IF62, IF72

Prerequisites: MIB222

Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MIB214 **Campus offered:** GP

■ MIB319 EVENTS MARKETING

The scope of the special events industry and event typologies (including cultural, heritage, sporting and others), within the categories of hallmark, corporate and community based events are reviewed. Research of the marketing environment in which special events occur and analyses of markets and stakeholders will be examined relative to developing integrated marketing strategies. Segmentation of events markets, target marketing and positioning strategies will be studied in the context of specific events. The unit will also focus on strategic marketing of events, relevant to tourism and cultural growth. Marketing communication elements

Courses: BS50, BS56, IF26, IF28, IF30, IF37, IF40, IF41, IF48, IF56, IF57, IF62, IF72

Prerequisites: MIB217 or COB324

Credit points: 12 **Contact hours:** 3 per week
Incompatible with: MIB209

Campus offered: GP

Semester offered: 2

■ MIB320 MARKETING DECISION MAKING

Provides a detailed examination of quantitative decisions in specific tactical and strategic areas of marketing and marketing management. These areas include sales forecasting, market analysis, sales management, product planning, pricing, promotion and distribution. The unit involves case analysis with an emphasis on computer models and spreadsheets. A primary part of the course may be devoted to a computer-based marketing simulation which provides a realistic decision-making environment.

Courses: BS50, BS56, IF26, IF28, IF30, IF37, IF41, IF48, IF56, IF62, IF72

Prerequisites: BSB112 and MIB217

Credit points: 12 **Contact hours:** 3 per week

Incompatible with: MKB148, MIB216

Campus offered: GP

Semester offered: 2

■ MIB321 TOURISM MARKETING

Explores services marketing within tourism contexts. It provides students with detailed understanding of the issues affecting the marketing of tourism destinations, elements of the destination mix and various tourist attractions. Services marketing techniques are explored within key elements of the destination mix at the regional, state, national and international levels.

Courses: BS50, BS56, IF26, IF28, IF30, IF37, IF41, IF48, IF62, IF72

Prerequisites: MIB217

Credit points: 12

Contact hours: 3 per week

Incompatible with: MIB226

Campus offered: GP

Semester offered: 2

■ MIN400 ARTS ADMINISTRATION & SOCIETY

Analyses the structures and role of cultural organisations in the local, national and international community and the processes involved in administering arts in society. It focuses on the external influences on the arts through investigation of public policy, funding processes, cultural economics, strategic planning, community development, Indigenous arts, diversity and international research. This unit may be offered in intensive mode.

Courses: BS30, BS39, BS63, BS92, BS93, GS70

Prerequisites: PG only

Credit points: 12

Contact hours: 3 per week

Incompatible with: MKP108

Campus offered: GP

■ MIN403 BUSINESS IN ASIA

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 focused upon, as well as regulatory restraints governing market access. The student will be required to undertake a project which requires the application of knowledge of the region to a business issue.

Courses: BS30, BS39, BS63, BS92, BS93, GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92, IF64

Prerequisites: PG only; plus GSN101 or GSN204 or BSN408

Credit points: 12

Contact hours: 3 per week

Incompatible with: EPB108, EPN110

Campus offered: GP

■ MIN404 BUSINESS IN EUROPE

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 focused upon, as well as regulatory restraints governing market access. The student will be required to undertake a project which requires the application of knowledge of the region to a business issue.

Courses: BS30, BS39, BS63, BS92, BS93, GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92, IF64

Prerequisites: PG only

Credit points: 12

Contact hours: 3 per week

Incompatible with: EPN110

Campus offered: GP

■ MIN405 BUSINESS IN NORTH AMERICA

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 focused upon, as well as regulatory restraints governing market access. The student will be required to undertake a project which requires the application of knowledge of the region to a business issue.

Courses: BS30, BS63, 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: EPN110

■ MIN406 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, BS63, 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

Campus offered: GP

■ MIN407 CONTEMPORARY ISSUES IN MARKETING

Introduces emerging issues in marketing theory and the discipline of marketing, plus important issues not covered earlier in the course. The specific issues covered each year will be determined by the staff members involved. Issues could include: pricing, market orientation, integrative marketing communication, organisational marketing, and public policy (for example, green marketing). Classes would usually include presentations by staff and by students who have worked individually or in groups to research issues.

Courses: BS39, BS63, BS92, BS93

Prerequisites: PG only

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ MIN408 FUNDRAISING CAMPAIGNS

Focuses on fundraising leadership for increasing campaign productivity. It is the capstone unit for students in the fundraising course and builds on the concepts introduced in Fundraising Principles. The unit covers the design, analysis, implementation and measurement of existing campaigns in relation to theories of leadership, management, strategic planning and strategic alliances. This unit may be offered in intensive mode.

Courses: BS30, BS39, BS63, BS92, BS93

Prerequisites: PG only; plus MIN409

Credit points: 12

Contact hours: 3 per week

Incompatible with: MKP101

Campus offered: GP

■ MIN409 FUNDRAISING PRINCIPLES

Examines the principles of fundraising, case statement preparation, researching and establishing prospect bases, procedures of solicitation, public relations and relationship marketing, fundraising in society, the role of Boards, Foundations and volunteers, annual gift programs and budgeting for fundraising. This unit may be offered in intensive mode.

Courses: BS30, BS39, BS63, BS92, BS93

Prerequisites: PG only

Credit points: 12

Contact hours: 3 per week

Incompatible with: MKP100

Campus offered: GP

■ MIN413 MARKET & BUSINESS RESEARCH METHODS

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 research reports, and class presentations. The writing and presentation skills will be used through the rest of the course.

Courses: BS39, BS92, BS93

Prerequisites: PG only; with an appropriate UG specialisation

Credit points: 12

Contact hours: 3 per week

Incompatible with: MKN100

Campus offered: GP

■ MIN414 MARKETING DECISION SYSTEMS

Students learn how to use computer programs to facilitate marketing decision-making, and explore issues using information technology and the information highway. The computer programs may include spreadsheets, suites of programs for specific marketing decisions and information systems as databases. Issues include the future impact on the future of marketing communication and distribution channels (including direct and database marketing), methods for dealing with information load/overload, customer acceptance of interactive media, and the effects of re-engineering on the marketing function.

Courses: BS39, BS63, BS92, BS93

Prerequisites: PG only; plus MIN413 or 48 credit points from GS70 or GS80 or GS81

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ MIN415 MARKETING ARTS & CULTURE

Provides students of arts administration with an understanding of the application of the basic marketing concepts within the context of culture and the arts. It examines the principles of cultural enterprise, promotion, sponsorship, advertising, communication, market research, marketing strategies, and the development of marketing plans and campaigns for arts and cultural organisations. This unit may be offered in intensive mode.

Courses: BS30, BS39, BS63, BS92, BS93, GS70

Prerequisites: PG only

Credit points: 12

Contact hours: 3 per week

Incompatible with: MKP107

Campus offered: GP

■ MIN419 SEMINARS IN CONSUMER BEHAVIOUR

Introduction to the area of consumer behaviour and a forum for discussion of theory and research in the field. Students will conduct research projects and discuss the interdisciplinary nature of consumer behaviour. Issues from past classes include: children as consumers, consumerism, ethical decision making, gender representation in advertising, emotions research, time, hedonism and materialism, and cross-cultural research.

Courses: BS39, BS63, BS92, BS93, GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92

Prerequisites: PG only; with an appropriate UG specialisation or 48 credit points from GS80

Credit points: 12

Contact hours: 3 per week

Incompatible with: MKN108

Campus offered: GP

■ MIN421 SEMINARS IN 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 GS70 or GS80 or GS81 or 24 credit points from BS93

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ MIN422 SEMINARS IN 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; with an UG specialisation in Marketing or 48 credit points from GS70 or GS80 or GS81

Credit points: 12

Contact hours: 3 per week

Incompatible with: MKN107

Campus offered: GP

■ MIN423 SEMINARS IN PRODUCT INNOVATION & DEVELOPMENT

Deals with the dynamics of product innovation and product development within the mix of core marketing activities of organisations. A 'product' is defined broadly to include both tangible and intangible offerings and the various categories of consumer and industrial services and events. Issues covered include: product market analysis, design, innovation, evaluation and testing of product ideas, branding and packaging, market testing and investment analysis. Learning methodologies are mostly experiential and include hands-on computer use, visits to organisations and practical exercises.

Courses: BS39, BS63, BS92, BS93, GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92

Prerequisites: PG only; with an appropriate UG specialisation or 48 credit points from GS80 including GSN206

Credit points: 12

Contact hours: 3 per week

Incompatible with: MKN109

Campus offered: GP

■ MIN424 SEMINARS IN SERVICES MARKETING

Emphasises the services which comprise three-quarters of developed economies. In services, relationships with customers have a large role, and so this unit concentrates on establishing or identifying valuable customers and maintaining relationships with them. Issues include: segmenting services markets, developing and measuring relationships, long run networks versus one-off transactions, service quality management in various industries such as retailing and tourism, and innovations in services distribution.

Courses: BS30, BS39, BS63, BS92, BS93, GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92

Prerequisites: PG only; with an appropriate UG specialisation

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ MIN425 SEMINARS IN STRATEGIC MARKETING

Provides an understanding of strategic marketing at postgraduate level. It deals with how an organisation can adapt to a changing external environment through market-driven strategic planning. Issues covered include: environmental analysis, strategic positioning, and the development of strategic marketing plans. The unit usually includes groups of students creating strategic marketing plans for real world organisations.

Courses: BS63, BS92, BS93, GS10, GS11, GS13, GS85, GS86, GS87, GS90, GS91, GS92

Prerequisites: PG only; plus 48 credit points

Credit points: 12

Contact hours: 3 per week

Incompatible with: MKN110

■ MIN426 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, BS93, GS70, IF64

Prerequisites: PG only

Credit points: 12

Contact hours: 3 per week

Incompatible with: EPN110

Campus offered: GP

■ MIN429 STRATEGIC MARKETING MANAGEMENT

The capstone unit of the Masters program. It 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 account-

ing, operations and human resources will be drawn, so that the student would be in a position to move into top management if the opportunity arose. Learning methodologies include a complex computer simulation requiring a series of competitive strategic marketing decisions within a corporate managerial framework.

Courses: BS39, BS63, BS92, BS93

Prerequisites: PG only; plus MIN422

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ MIN430 THE ARTS INDUSTRY

Provides a general framework for the analysis of the arts and culture as an industry. It examines the operational procedures of arts organisations, arts law, the media, industrial awards and enterprise agreements, arts as business, the human resources of the organisation, and multimedia developments. It concludes with an examination of cultural leadership in the community. This unit may be offered in intensive mode.

Courses: BS30, BS39, BS63, BS92, BS93, GS70, IF64

Prerequisites: PG only

Credit points: 12

Contact hours: 3 per week

Incompatible with: MKP109

Campus offered: GP

■ MIN434 SPECIAL TOPIC – MARKETING

An 'open-ended' unit where the opportunity will be available for staff and visiting scholars to offer a specialised program of study.

Courses: BS63, BS92, BS93

Prerequisites: PG only; with an appropriate UG specialisation

Credit points: 12

Contact hours: 3 per week

■ MIN435 BUSINESS IN AUSTRALIA

This unit will introduce international students to the business environment in Australia. Students will examine the geographical, historical, socio-cultural, political, economic, legal and other factors which impinge upon doing business in this country.

Courses: BS63, 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

Campus offered: GP

■ MIN436 DOING BUSINESS IN AUSTRALIA 2

This unit is offered to all postgraduate students and requires a thorough analysis of elements of the Australian business environment and selected Australian industries. It covers the institutional and cultural context of business, contemporary industries structures, recent developments in Australian management practices and gives particular attention to the relationship with the international economy.

Courses: BS63, BS92, BS93, GS10, GS11, GS13, GS80, GS85, GS86, GS87, GS90, GS91, GS92

Prerequisites: PG only; MIN435 or 48 credit points from any QUT PG Business program, or 2yrs work experience in Australia, or the approval of the unit coordinator.

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

Semester offered: 1, 2

■ MIN437 COUNTRY SPECIALISATION

This unit will introduce students to the business environment in the chosen country of study. Students will examine the geographical, historical, socio-cultural, political, economic, legal and other factors which impinge upon doing business in that country.

Courses: BS63, BS92, BS93, GS10, GS11, GS13, GS80, GS85, GS86, GS87, GS90, GS91, GS92

Prerequisites: PG only

Credit points: 6

Contact hours: 3 per week

Campus offered: GP

Semester offered: 1, 2

■ MIN438 MARKETING FOR ONLINE SERVICES

Online technologies open up a new marketplace and communication medium involving ideas, information, entertainment

and commerce. With a changing marketplace, organisations and the people they employ need to acquire the skills to develop and work with new types of interactive products and services. It requires the understanding of the opportunities to approach markets locally, regionally and globally and to develop new markets previously unreachable. This entails a re-think of the existing paradigm for the marketing of goods and services and a development of a process for analysing the changing marketplace.

Courses: BS39, BS63, BS92, BS93, GS70, GS80, GS81, GS85

Prerequisites: PG only

Credit points: 12

Contact hours: 3 per week

Incompatible with: GSN447 and GSN448

Campus offered: GP

Semester offered: 2

■ MJB101 JOURNALISM INFORMATION SYSTEMS

Acquaints students with the uses journalists make of computers in their work: for wordprocessing, personal information management, time management, and gathering information for stories by searching online and CD-ROM databases, by analysing public records with spreadsheets and by using email to interview sources found on Internet Bulletin Boards and in Newsgroups, Usergroups, and Listservers.

Courses: IF26, IF35, MJ20, MJ23

Prerequisites: Journalism majors and minors only

Corequisites: MJB120

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ MJB111 MEDIA WRITING

Should be combined with MJP111. 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: IF26, IF35, MJ20, MJ23

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ MJB118 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: MJ20

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ MJB120 NEWSWRITING

Should be combined with MJP120. 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: IF26, IF35, MJ20, MJ23

Credit points: 12

Contact hours: 3 per week

Incompatible with: COB217

Campus offered: GP

■ MJB121 JOURNALISTIC INQUIRY

The philosophical rationale behind the free flow of information and its use studied from practical and theoretical perspectives. The journalists 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: IF26, IF35, MJ20, MJ23

Prerequisites: MJB120, MJB101

Credit points: 12

Contact hours: 3 per week

■ MJB130 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: ED50, IF26, IF35, MJ20

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ MJB140 MEDIA & SOCIETY

A range of theoretical positions on mass media study; the political economy of the media; the role and meaning of advertising; news production; theories of journalism; audience theory; media representation of different societal groups gender, race, ethnicity, class, age; public access media; media ownership and control; the treatment of particular social issues in the media; textual and discourse analysis; new technologies; ethics.

Courses: AA11, AA21, AA51, AA71, ED50, HU20, IF26, IF35, MJ20, SS07

Credit points: 12

Contact hours: 3 per week

Campus offered: GP and CA

■ MJB141 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: ED50, IF26, IF35, MJ20

Corequisites: MJB130 or equivalent

Credit points: 12

Contact hours: 4 per week

Campus offered: GP

■ MJB147 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: ED50, IF26, IF35, MJ20

Prerequisites: MJB130 or equivalent

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ MJB155 MEDIA PRODUCTION

Should be combined with MJP155. 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: IF26, IF35, MJ20, MJ23, AT24

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ MJB180 SPEECH COMMUNICATION FOR JOURNALISTS

Draws on the theories of rhetoric, semiotics, group dynamics and interpersonal communication as a base for developing pro-

fessionals 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: IF26, IF35, MJ20

Prerequisites: MJB120

Credit points: 12

Contact hours: 3 per week

Incompatible with: COB213

Campus offered: GP

■ MJB185 INFORMATIONAL PRODUCTION

Should be combined with MJP185. 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: MJ20, MJ23

Prerequisites: MJB155. This is a quota based unit with preference given to FTVP majors.

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ MJB190 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: MJ20

Prerequisites: MJB185. Pre 1998 MJB229, MJB155, MJB123, MJB111. Available to FTVP majors only.

Credit points: 24

Contact hours: 6 per week

Campus offered: GP

■ MJB204 MEDIA INDUSTRIES & ISSUES

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 considers 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: IF26, IF35, MJ20

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ MJB209 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: ED50, IF26, IF35, MJ20

Prerequisites: 96 credit points of undergraduate study

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ MJB224 FEATURE WRITING

Should be combined with MJP224. 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: IF26, IF35, MJ20, MJ23

Prerequisites: MJB121

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ MJB229 FILM & TELEVISION SCRIPTWRITING

Scriptwriting for informational, creative, corporate and drama

productions. Exploration of the theoretical underpinnings of language in the media. The rhetoric of moving image media. Practice in writing scripts for moving image media productions.

Courses: MJ20

Prerequisites: 96 credit points of undergraduate study

Credit points: 12 **Contact hours:** 3 per week

Campus offered: GP

■ MJB232 RADIO & TELEVISION JOURNALISM 1

Should be combined with MJP232. The practical and theoretical aspects of radio and television media are studied through the examination of interviewing techniques. Students learn radio style and usage and the evaluation of television news bulletins through seminars and workshops. Strong emphasis is placed on current affairs knowledge.

Courses: IF26, IF35, MJ20, MJ23

Prerequisites: MJB121 and MJB155. Available to JOU majors only.

Credit points: 12 **Contact hours:** 3 per week

Campus offered: GP

■ MJB233 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: IF26, IF35, MJ20

Prerequisites: MJB130 or equivalent

Credit points: 12 **Contact hours:** 3 per week

Campus offered: GP

■ MJB239 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; the value of deathknocks, privacy, defining off-the-record, handling leads and women in the media.

Courses: IF26, IF35, MJ20

Prerequisites: MJB121

Credit points: 12 **Contact hours:** 3 per week

Campus offered: GP

■ MJB250 INTRODUCTION TO CREATIVE WRITING

Develops advanced critical and analytical skills in dealing with a variety of textual forms. Students acquire an understanding of various forms of literary or creative language forms, especially narrative. Students are introduced to literary theory as well as key language theory and creative writing practice.

Courses: IF26, IF35, MJ20

Credit points: 12 **Contact hours:** 3 per week

Campus offered: GP

■ MJB260 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: ED50, MJ20

Prerequisites: MJB155

Credit points: 12 **Contact hours:** 3 per week

Campus offered: GP

■ MJB265 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: MJ20

Prerequisites: MJB155, MJB190, MJB185. Pre 1998 MJB229, MJB155, MJB123, MJB111. Available to FTVP majors only.

Credit points: 24

Contact hours: 6 per week

Campus offered: GP

■ MJB268 FILM & 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: MJ20

Prerequisites: MJB265, MJB190, MJB185, MJB155, MJB111, MJB360

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

Semester offered: 1

■ MJB270 DRAMA PRODUCTION

Film or video production which uses actors as mediators in the communication of fictional events. Exploration of the historical and theoretical underpinnings of fictional motion picture art. Training in management, direction, camera, sound and editing at a professional level. Practice in a specialist role on short drama production/s.

Courses: MJ20

Prerequisites: MJB268, MJB360, MJB265, MJB190, MJB185. Pre 1998 MJB229, MJB155, MJB123, MJB111. Available to FTVP majors only.

Credit points: 24

Contact hours: 6 per week

Campus offered: GP

■ MJB275 MEDIA LEGAL ISSUES

Introduces journalism, media studies, creative writing and film and television production students to the law which 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: MJ20

Prerequisites: MJB121

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ MJB280 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 with 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 cho-

sen 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: IF26, IF35, MJ20, MJ23, MJ26

Prerequisites: MJB121

Credit points: 12

Campus offered: GP

Contact hours: 3 per week

Semester offered: 2

■ MJB295 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: MJ20, MJ30, MJ31, MJ32

Prerequisites: 96cp of undergraduate study or enrolment in MJ30, MJ31, or MJ32

Credit points: 12

Campus offered: GP

Contact hours: 3 per week

Semester offered: GP

■ MJB303 NEWS PRODUCTION

Media industries and media firms; social responsibilities; managing deadlines; planning and decision-making in the newsroom; leadership and motivation; news practice; radio, television, newspapers; on-line news; case studies.

Courses: IF26, IF35, MJ20

Prerequisites: MJB322, MJB338

Credit points: 12

Campus offered: GP

Contact hours: 3 per week

■ MJB305 AMERICAN FILM & SOCIETY

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: ED50, IF26, IF35, MJ20

Prerequisites: 96 credit points of undergraduate study

Credit points: 12

Campus offered: GP

Contact hours: 3 per week

■ MJB307 FEMINIST MEDIA STUDIES

Designed to examine critically the issue of gender, sexuality and the media within cultures. A range of media texts will be investigated. Cultural discourses such as masculinity, femininity, romance, the body, sexuality and violence will be discussed. Issues such as cross-culturalism, new technologies, spatial politics, celebrities and political correctness will also be addressed from a feminist media studies perspective.

Courses: ED50, IF26, IF35, MJ20

Prerequisites: 96 credit points of undergraduate study

Credit points: 12

Campus offered: GP

Contact hours: 3 per week

■ MJB311 ASIAN FILM & 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 which

emerged from the filmmakers Chen Kaige, Wu Tianming, Zhang Yimou and Tian Zhuangzhuang but also that of the popular genres from Hong Kong and the Mainland. The Asian Media section of this unit will consider the media in countries such as Indonesia, and the role of the media in the Asian diaspora.

Courses: IF26, IF35, MJ20

Credit points: 12

Campus offered: GP

Contact hours: 3 per week

Semester offered: 2

■ MJB314 MEDIA BUSINESS

The role of the producer and executive producer in the packaging and financing of film and television production including corporate, training and documentary, grant films, features, telemovies and mini-series; matching television network programming needs and achieving balance in above-the-line, below-the-line and marketing costs. Sources of finance: PFTC, networks, corporate sponsors, corporate clients, investors, pre-sales, government grants, Film Finance Corporation; methods of obtaining finance, insurance, completion guarantees, legal and accounting requirements; social and ethical issues.

Courses: IF26, IF35, MJ20

Credit points: 12

Campus offered: GP

Contact hours: 3 per week

■ MJB322 SUB-EDITING & LAYOUT

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.

Courses: IF26, IF35, MJ20

Credit points: 12

Campus offered: GP

Prerequisites: MJB224

Contact hours: 3 per week

■ MJB335 PROFESSIONAL MEDIA PRACTICE

An opportunity to observe, and gain insight into, the applications of theory to practice. The student is placed with an approved employer. The lecturer in charge of the unit obtains reports from the student at regular intervals. The student is required to contract the completion of a progressive assessment program. The student's result is determined on the basis of reports, continuous assessment and the employers report.

Courses: MJ20

Prerequisites: For BA (JOU) majors MJB322 or MJB338.

For BA (FTV) majors MJB155, MJB185, MJB360.

Corequisites: For BA (FTV) majors MJB270

Credit points: 12

Contact hours: 3 per week

Incompatible with: Not available to cross-institutional students.

Campus offered: GP

■ MJB336 NEW MEDIA TECHNOLOGIES

The implications of new media technologies, and associated industrial and cultural changes, are an increasingly central issue for those involved both in media studies and media production. This course will examine the relationship between new technologies and media production in their social and cultural context, evaluating the impact of developments such as digitisation and convergence on work, leisure, film, television, print media and other areas of cultural production. It will also address emerging policy issues such as privacy, information access, cultural diversity and the relationship between personal freedom and social regulation on media such as the Internet. Through such an examination, this course will consider the insights that media theory can provide to an understanding of the new technologies and their social and cultural impact, and consider how changes in dominant media forms impact upon the study of the media and contemporary culture.

Courses: ED50, IF26, IF35, MJ20, MJ30, MJ31, MJ32

Prerequisites: 144 credit points of undergraduate study.

Credit points: 12

Campus offered: GP

Contact hours: 3 per week

■ MJB337 PUBLIC AFFAIRS REPORTING

Advanced reporting unit stressing the watchdog role of the press and utilising investigative techniques, including computer-assisted reporting, Internet and other online searching. Students undertake in-depth practical assignments for possible publication.

Courses: IF26, IF35, MJ20

Prerequisites: MJB224. Available to JOU majors only.

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ MJB338 RADIO & TELEVISION JOURNALISM II

Philosophy and formulation of radio and television current affairs, anchor techniques, radio and television news production using computers.

Courses: IF26, IF35, MJ20

Prerequisites: MJB232

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ MJB343 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: ED50, IF26, IF35, MJ20

Prerequisites: 96 credit points of undergraduate study

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ MJB344 EUROPEAN CINEMA

The post World War II cinema of two European countries related to their social and historical context. The content coverage of Italian and French cinema is shown as an example. The Italian section will examine neo-realism, the influence of Marxism on filmmakers such as Visconti, Pasolini and Bertolucci, and the films of Fellini, Antonioni and the Taviani brothers. The French section will explore the style and context of the New Wave, the work of independent filmmakers, and the work of contemporary directors such as Varda, Pialat, Blier and Deville.

Courses: ED50, IF26, IF35, MJ20

Prerequisites: 96 credit points of undergraduate study.

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ MJB348 APPLIED MEDIA STUDIES

Communications media are an important part of the "information economy". In this unit students undertake a research and publication project that will require them to extend their empirical and interpretive knowledge of media in this context. They will also apply these knowledge bases in the process of consolidating World Wide Web authoring skills. Projects will relate to a specific institutional setting or industry-related problem and outcomes will be published in an electronic form.

Courses: MJ20, MJ30, MJ31, MJ32

Prerequisites: MJB349. Available to MES students only.

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ MJB349 MEDIA AUDIENCES

This unit provides students with a conceptual understanding of media audiences within industry and academic contexts. In addition, the unit introduces students to a range of practical skills that may be applied when undertaking audience research.

Courses: MJ20

Prerequisites: 96 credit points of undergraduate study. Available to MES majors only.

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ MJB350 CREATIVE WRITING & PUBLISHING

The emphasis is on literary writing, in particular 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: MJ20, MJ24

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ MJB358 DOCUMENTARY THEORY & 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: MJ20, MJ23, IF26, IF35

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

Semester offered: GP

■ MJB360 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: MJ20

Campus offered: GP

Prerequisites: MJB265, MJB190, MJB185, MJB358. Available to FTV majors only.

Credit points: 24

Contact hours: 6 per week

■ MJB370 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: MJ20

Prerequisites: MJB350

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ MJB380 NON-FICTION CREATIVE WRITING

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: MJ20, MJ24

Campus offered: GP

Credit points: 12

Contact hours: 3 per week

■ MJB390 SUPERVISED PROJECT

Students will undertake a project with the approval of the discipline coordinator in journalism, media studies or in special cases, creative writing. In Media Studies this unit is available only if appropriate staff and resources are available.

Courses: MJ20 Available to School of Media and Journalism majors only excluding FTVP majors.

Prerequisites: 96 credit points of undergraduate study.

Credit points: 12

Contact hours: 3-6 per week

Incompatible with: Not available to cross-institutional students.

Campus offered: GP

■ MJB395 CREATIVE WRITING PROJECT

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: MJ20 **Prerequisites:** MJB350, MJB370, MJB380

Credit points: 12 **Contact hours:** 3 per week

Campus offered: GP **Semester offered:** 2

■ MJB399 PROFESSIONAL ISSUES IN CREATIVE WRITING

This unit emphasises practical and professional knowledge of the literary 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. This unit seeks to achieve this knowledge through an institutional approach to Australian literature, embracing governmental industry and professional discourse structures.

Courses: MJ20, MJ24

Prerequisites: 96 credit points of undergraduate study. Available to CWP majors only.

Credit points: 12 **Contact hours:** 3 per week

Campus offered: GP **Semester offered:** 2

■ MJP103 CREATIVE WRITING THEORY

Examines the major theories underlying and informing the practice of writing creative texts, including narrative prose and film script. Such theory enhances critical awareness and knowledge of writing strategies relevant to the production of a text.

Courses: AT22, MJ21, MJ23, MJ24

Credit points: 12 **Contact hours:** 3 per week

Campus offered: GP

■ MJP104 FILM & TELEVISION PRODUCTION THEORY

This postgraduate unit equips students with the skills to strategically develop, market and plan their own film and television productions in the international marketplace. It addresses at an advanced level production strategies which are only marginally addressed at the undergraduate level. It also informs students about film laboratory procedures which have been modified by the introduction of digital technology. In addition, student will be acquainted with methodologies and theoretical underpinning for formulating their own aesthetic and developing a personal style.

Courses: MJ21, MJ23, AT22, MJ25

Credit points: 12 **Contact hours:** 3 per week

Campus offered: GP **Semester offered:** 1

■ MJP105 THEORIES OF JOURNALISM

The body of classical literature pertaining to the theories of journalism and mass communication; identification of individual research interests; the empirical traditions of mass communication theory.

Courses: AT22, MJ21, MJ23, MJ26

Credit points: 12 **Contact hours:** 3 per week

Campus offered: GP

■ MJP107 DISSERTATION (1-4)

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 (MJP107 /1, MJP107 /2, MJP107/3, MJP107/4) until they have completed 48 credit points. Normally, MJP107 /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. MJP107 /2 will involve students consolidating the preparatory work begun in MJP107 /1 by preparing drafts of two chapters under structured supervision. MJP107 /3 and MJP107/4 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. (* offering of the CWP major as part of MJ21 is subject to final course approval)

Courses: MJ21

Prerequisites: Normally MJP391 and one of the following units: MJP103, MJP104, MJP105, MJP110

Credit points: 48 **Campus offered:** GP

■ MJP110 MEDIA THEORY & 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: MJ21, MJ23, MJ25, MJ31, AT22, MJ32

Credit points: 12 **Contact hours:** 3 per week

Campus offered: GP **Semester offered:** 1

■ MJP111 MEDIA WRITING

Should be combined with MJB111. 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: MJ25

Prerequisites: enrolment in MJ25

Credit points: 12 **Contact hours:** 3 per week

Campus offered: GP

■ MJP120 NEWSWRITING

Should be combined with MJB120. 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: MJ26

Prerequisites: enrolment in MJ26

Credit points: 12 **Contact hours:** 3 per week

Campus offered: GP

■ MJP155 MEDIA PRODUCTION

Should be combined with MJB155. 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: MJ25

Prerequisites: enrolment in MJ25

Credit points: 12 **Contact hours:** 3 per week

Campus offered: GP

■ MJP185 INFORMATIONAL PRODUCTION

Should be combined with MJB185. 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: MJ25 **Campus offered:** GP
Prerequisites: MJB155 and enrolment in MJ25.
Credit points: 12 **Contact hours:** 3 per week

■ MJP224 FEATURE WRITING

Should be combined with MJB224. 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: MJ26 **Prerequisites:** enrolment in MJ26
Credit points: 12 **Campus offered:** GP

■ MJP232 RADIO & TELEVISION JOURNALISM 1

Should be combined with MJB232. The practical and theoretical aspects of radio and television media are studied through the examination of interviewing techniques. Students learn radio styles and usage and the evaluation of television news bulletins through seminars and workshops. Strong emphasis is placed on current affairs knowledge.

Courses: MJ26 **Prerequisites:** enrolment in MJ26
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP

■ MJP391 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: MJ21, AT22
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP **Semester offered:** 1

■ MJP392 DIGITAL MEDIA PROJECT 1

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 which 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: MJ31, MJ32
Prerequisites: 48 credit points of postgraduate study
Credit points: 12 **Contact hours:** 3 per week
Campus offered: GP

■ MJP393 DIGITAL MEDIA PROJECT 2

This unit will involve students in the writing of a 15,000 word analytical essay or research project which systematically engages with a topic related to an aspect of the development of digital media and the 'information society'. It may engage with social cultural, policy, legal, ethical, political or economic aspects of the development of digital media, considering their implications for communities, governments, industries or media and creative practice, 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: MJ31, MJ32
Prerequisites: MJB392
Credit points: 12 **Corequisites:** MJB392
Campus offered: GP **Contact hours:** 3 per week
Semester offered: 1, 2

■ 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
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
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 main frame, 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
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
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

■ MMB271 MANUFACTURING PRACTICE

Topics covered in this unit include: manufacturing in world and Australian contexts and its role in wealth generation; concept of manufacturing systems; conventional and non-traditional manufacturing processes; workplace health and safety; hands-on work in some manufacturing processes; engineering graphics and computer-aided drafting (CAD).

Courses: IF57

Credit points: 12 **Contact hours:** 4 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

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.

Courses: ME36

Credit points: 12 **Prerequisites:** MMB273

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

Credit points: 12 **Prerequisites:** MMB131

Contact hours: 4

■ MMB300 PROJECT 2T

The aim of this unit is to provide students with the capability to understand mechanical engineering principles and apply them to the formulation and solution of specific engineering problems in design and development tasks. The unit involves the application of mechanical engineering principles and the communication of ideas orally and in the presentation of a formal report.

Courses: ME36

Credit points: 12

Prerequisites: As determined by course coordinator

■ MMB302 PROJECT 2T

The aim of this unit is to provide students with the capability to understand mechanical engineering principles and apply them to formulate and solve specific engineering problems in design and development tasks. The task may involve investigation in applied research projects or industrial based projects. Students will acquire the ability to communicate solutions orally and in a formal report form.

Courses: ME36

Credit points: 12

Prerequisites: As determined by course coordinator

■ MMB311 MECHANICS 3

This unit covers two separate Mechanical Engineering disciplines: (i) Study of vibration in machines and structures, (ii) Study of automatic plant control. Students will gain an understanding of transient behaviour of mechanical systems. In many instances it is the transient loads in machines or departures from the design operating condition in process plants which causes mechanical failure or unacceptable departure from product specifications.

Courses: ME41 **Prerequisites:** MAB133, MMB112
Credit points: 12 **Contact hours:** 6 per week

■ MMB312 MECHANICAL MEASUREMENT

This unit 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 and site visits will be undertaken.

Courses: ME41, ME42 **Prerequisites:** MMB252
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 introduce 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

■ 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; 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 dies, methods for minimising spring back.

Courses: IF57, ME36, ME41
Credit points: 12 **Contact hours:** 5 per week

■ MMB372 MANUFACTURING ENGINEERING

Topics covered in this unit include: mechanics of cutting analyses for orthogonal and oblique cutting processes; cutting action and analyses in machining; predictive models for cutting forces, and introduction to CNC machines; optimisation analysis and strategies for single pass machining operations; applications of optimisation in process planning; introduction to metrology, measurements and measuring equipment; methods for analysis of metal working processes; analytical modelling of forging; forging sequence specification; metal flow in extrusion; lubrication and equipment selection in extrusion; analytical approaches in rolling; introduction to tooling and practices and tool design; springback calculation; analysis of deep-drawing operation; tooling considerations; Product design and prototyping, process modelling.

Courses: IF57 **Prerequisites:** MMB271, MMB371
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.

Courses: IF57
Credit points: 12 **Contact hours:** 5 per week

■ MMB381 DESIGN OF MECHANICAL COMPONENTS & 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

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:** MMB381
Credit points: 12 **Contact hours:** 6 per week

■ MMB391 BIOMECHANICAL ENGINEERING SYSTEMS

Topics covered in this unit include: an appreciation of the mechanics of the tissues of the joints (micro mechanics or tissue mechanics) and the function of the body during normal activities (macro-mechanics or biomechanics). This unit is designed to develop an understanding of the complex properties of the individual tissues and practical competencies in the

evaluation of human function and performance from a biomechanical perspective. Biomedical engineers require the ability to analyse the mechanics of the human body for applications such as prosthetic design (both artificial limbs and replacement joints), design of assistive devices for people with disabilities, sporting performance, ergonomic tasks, and other health related areas.

Courses: ME48

Prerequisites: CEB109, 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 bio-engineering 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

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 optimization. The finite element method provides a means of achieving this goal. Topics covered in this unit include: introduction to the finite element method; introduction to simple models of material and structural behaviours; the Galerkin finite element approximation technique for model differential equations; finite element and their characteristics; interpolation and shape functions and their relevance in FEA. All students will be introduced to a commercial software package and will carry out analysis of engineering problems using the software.

Courses: ME41, ME42

Prerequisites: MMB311

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; 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.

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; financial analysis related to investment, deployment, overhaul and replacement of engineering assets; organisation for maintenance; maintenance planning and control; spare parts inventory management; reliability, maintainability and availability analysis.

Courses: ME41, ME48, ME42

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

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

Credit points: 12

Contact hours: 4 per week

■ MMB474 COMPUTER CONTROL OF MANUFACTURING SYSTEMS

Topics covered in this unit include: overview of computer controls of manufacturing systems; principles of data communications in computer integrated manufacturing environment; applications of data structures in modern manufacturing environment; programmable logic controllers in shop floor environment; enterprise integration and networking in manufacturing; conditioning and process monitoring in process industries; digital and analogue control of manufacturing systems; several case studies and discussions on automation and networking of automobile and air craft industries.

Courses: IF57

Prerequisites: EEB220

Credit points: 12

Contact hours: 5 per week

■ MMB476 OPERATIONS MANAGEMENT

This unit develops students' ability in applying quantitative techniques in solving different types of industrial operations

problems. Topics include: project planning and control; tools for quality control; job design analysis; assignment and transportation models; and the use of Monte Carlo techniques in simulation.

Courses: ME41, ME42

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 communications 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 & Federal); Good Manufacturing Practice (GMP); ISO9000 Quality Systems; Total Quality Management; ethics committees and clearance; industry case studies.

Courses: ME48

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

Credit points: 12

Contact hours: 4 per week

■ MMB496 MODELLING & SIMULATION FOR MEDICAL ENGINEERS

Computational modelling and simulation are widely used in engineering in general, and in specific areas of medical engineering. Modelling can be described as the process of determining analytical representations of physical elements for the purpose of investigating kinematic, kinetic and structural properties and performance. Content includes: introduction to MATLAB programming techniques; process of model creation; methods of analysis of determinate and indeterminate systems; simulation techniques and examples of advanced applications.

Courses: ME48

Prerequisites: MMB391

Credit points: 12

Contact hours: 4 per week

■ MMB501 INDUSTRY PROJECT

Engineers often are required to tackle open ended problems that involve research and analysis. In Industry Project students

will spend approximately six months, full time in an industrial environment to solve a problem involving both marketing and manufacturing. Students are required to present seminars and a final thesis.

Courses: IF57

Credit points: 36

Prerequisites: As determined by the course coordinator

■ MMB572 MANUFACTURING PLANNING & CONTROL

This unit develops the student's ability in applying quantitative techniques in solving different types of manufacturing planning and control problems. Topics include: forecasting modelling, inventory control, materials requirements and plant capacity planning, production scheduling techniques and a study of modern manufacturing philosophies such as JIT.

Courses: IF57

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, sustainability in manufacturing; design of press tools for sheet metal with special emphasis on progressive die design for bending and drawing dies; integration of design and manufacture; 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

■ NRB200 ENVIRONMENT OF SOUTH EAST QUEENSLAND

Scientific issues related to the understanding of the local environment, its pressures and responses. The unit will be both descriptive and analytical and will focus on technical issues of the environment and its management. It is designed as a stand-alone unit that will be of value as a resource for other professionals, such as engineers and teachers, as well as providing basic material for environmental scientists. The unit will present an integrated assessment of the environment of south east Queensland. Aspects of the environment that will be addressed will be: the basic landforms, cultural heritage and climate of the region; the air environment and meteorological patterns; water quality and management in the riverine and marine systems; flora and fauna of the region.

Courses: ED50, SC01

Credit points: 12

Contact hours: 4 per week

■ NRB230 PLANET EARTH

Focuses on geological principles, physical geology and geomorphology, formation and classification of minerals, rocks and soil, the origin of the Earth and the solar system, stratigraphy, geological time, dating and geological history, structural geology and plate tectonics, and economic geology.

Courses: ED50, SC01

Credit points: 12

Contact hours: 4 per week

■ NRB270 ANIMAL & PLANT STRUCTURE & 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

■ NRB330 STRUCTURAL GEOLOGY

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 which includes geological map interpretation and cross section construction. Field work involves mapping and analysing deformed rocks.

Courses: SC01

Prerequisites: NRB230, MAB100

Corequisites: NRB331

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

■ NRB332 ENVIRONMENTAL GEOSCIENCE

Considers physical and chemical processes occurring at or near the earth's surface, and their interrelationship with human impacts. The physical part of the unit covers the various types of landforms, their setting and distribution, the various processes of weathering, erosion, mass wasting, subsidence

and effects of climate. The geochemical part of the unit incorporates theory, laboratory analysis and specific applications. The theory is an introduction to the inorganic chemistry of earth materials. The geochemistry of aqueous environments and water chemistry are covered in some detail.

Courses: SC01 **Prerequisites:** NRB230
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 **Prerequisites:** NRB230
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

This unit covers the morphology, anatomy, life histories, evolution and adaptations of plants. Basic skills in the identification of major types of Australian plants will be taught. Short field trips to selected local ecosystems will be used to illustrate plant species richness. Assessment of the worth of plants will be illustrated by economically important species.

Courses: 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

Introduction to genetics and evolutionary theory. Topics include: simple and complex inheritance patterns, extra-chromosomal inheritance, genotype – phenotype interaction, quantitative genetics, basic evolutionary theory and evolution of life history traits.

Courses: ED50, SC01 **Prerequisites:** LSB118
Corequisites: 12 **Credit points:** 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, deter-

mination of dispersion patterns, detecting competition, and vegetation classification.

Courses: SC01 **Prerequisites:** NRB311, NRB312
Credit points: 12 **Contact hours:** 4 per week

■ NRB430 MINERAL DEPOSITS & 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:** NRB333
Credit points: 12 **Contact hours:** 4 per week

■ NRB431 GEOLOGICAL FIELD METHODS

Field-oriented and provides students with a practical understanding of field techniques with an emphasis on stratigraphy and geological mapping. The student is taught to make accurate geological observations and record them; collect geological specimens; transfer this information to previously prepared maps, sections and other forms of data storage, geological mapping and interpretation; prepare geological reports. The unit will include half day field trips and an extended weekend or week-long trip.

Courses: SC01 **Prerequisites:** NRB330, NRB331
Credit points: 12 **Contact hours:** 4 per week

■ NRB432 LITHOLOGY & PETROGRAPHY

Description and classification of igneous, sedimentary and metamorphic rocks in thin section and hand specimen; the identification, classification and interpretation of textures. Fieldwork is a compulsory part of the unit.

Courses: SC01 **Prerequisites:** NRB333, PCB142
Credit points: 12 **Contact hours:** 4 per week

■ NRB433 GEOPHYSICS

An introduction to the theory of solid earth and exploration geophysics; seismology, seismic refraction and reflection, gravity, magnetic, palaeomagnetic, radiometric, electrical including resistivity and induced polarisation, electromagnetic, and well logging techniques; the reduction and manipulation of geophysical data and interpretation in geological terms; field data acquisition and computer modelling; practical studies of the main techniques are included. (This unit will be offered in alternate years and will not be available in 2000.)

Courses: SC01 **Prerequisites:** NRB330
Credit points: 12 **Contact hours:** 4 per week

■ NRB440 ENVIRONMENTAL CHEMISTRY

Introduction to biogeochemical cycles. Natural water bodies – oceans, flowing and non-flowing surface water, ground water. Thermal cycles, solutes and equilibria in natural waters, chemistry of water pollutants. Indicators of water quality. The atmosphere – structure and energy balance, air pollutants. Hazardous substances in the environment. Chemistry of the regolith and soils, biogeochemical weathering processes. Chemistry, effects, sources, leachates and odours, transport, fate and treatment. Introductory ecotoxicology.

Courses: SC01 **Prerequisites:** PCB142
Credit points: 12 **Contact hours:** 4 per week

■ NRB470 CHORDATE BIOLOGY

Examines the evolutionary history, relationships and biology of the major chordate groups. Emphasis is placed on systematics, morphological and physiological adaptations. Includes training in basic skills of identification of chordate taxa. Emphasis is placed on the biology of Australian chordates.

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 & 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, decision support, geographic data structures, data acquisition, data visualisation and error handling. Practical work uses database software and a GIS package to solve spatial analysis problems within a natural resource management context. Critical analysis, problem solving, written communication and time management skills are embedded within the curriculum.

Courses: ED50, SC01 **Prerequisites:** 72 cp of Science units

Credit points: 12

Contact hours: 4 per week

■ NRB510 POPULATION GENETICS

An extension of NRB310 Genetics. 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: NRB310

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

Credit points: 12

Contact hours: 4 per week

■ NRB530 IGNEOUS & METAMORPHIC PETROLOGY

The origin, formation, and geological history of igneous and metamorphic rocks as determined from field and laboratory studies of occurrences, mineral assemblages, rock compositions, and textures. Interpretation of rock and mineral compositional diagrams; application of experimental work and detailed computer modelling of petrochemical processes. Practical work examines the petrography and geochemistry of igneous and metamorphic suites. Field studies are an essential component of the unit.

Courses: SC01

Prerequisites: NRB432

Credit points: 12

Contact hours: 4 per week

■ NRB531 SEDIMENTOLOGY & 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: NRB331, NRB433

Credit points: 12

Contact hours: 4 per week

■ NRB532 ORE GENESIS

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, and techniques of ore deposits.

Courses: SC01

Prerequisites: NRB430

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

■ NRB570 EVOLUTION OF AUSTRALIAN BIOTA

The Australian biota is the product of evolution in an isolated continent. As a consequence Australia has a distinctive flora and fauna with many taxa unique to the continent. The Australian biota therefore has great worth as a component of the world's biological diversity. The unit covers the geo-, and climatic history of Australia, the origins and evolution of the Australian biota, and the impact of recent immigrants. Skills in tracing the fossil record will be taught by practical field and laboratory work concerning vertebrate fossils.

Courses: SC01

Prerequisites: NRB371, NRB470

Credit points: 12

Contact hours: 4 per week

■ 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 long (4 day) field trip to a local coastal ecosystem.

Courses: SC01

Prerequisites: At least one of NRB311, NRB370, NRB371 or NRB470

Credit points: 12

Contact hours: 4 per week

■ NRB600 ISSUES IN ENVIRONMENTAL SCIENCE

This unit explores issues in natural resource management through two main forms: discussion and environmental modelling. Discussions will focus on objectives of natural resource management, and positive and negative aspects of humanity's current utilisation of natural resources (for example, for food production, water supply, recreation, energy and minerals). Environmental modelling will develop the tools to integrate strategies, thereby enabling effective management of natural resources.

Courses: ED50, SC01

Prerequisites: 12 cp in Level 3 science units

Credit points: 12

Contact hours: 4 per week

■ NRB610 APPLIED ECOLOGY

In conjunction with the companion unit Conservation Biology, this unit integrates the content of a number of previous ecology units into applied approaches to the management of populations and systems. The two units can be undertaken independently but maximum benefit will be obtained if they are taken concurrently. A field trip provides the vehicle for developing concepts and methodologies relevant to the monitoring and assessment of management options.

Courses: SC01

Prerequisites: NRB511 or NRB510

Credit points: 12

■ NRB611 CONSERVATION BIOLOGY

Focuses on: community ecology and systems behaviour in terrestrial environments. The major theme is conservation and modern concepts of metapopulation dynamics. The subject will focus on concepts from population biology and genetics which apply to the conservation and management of threatened or endangered species, communities and ecosystems.

Courses: SC01

Prerequisites: NRB311 & NRB410

Credit points: 12

■ NRB630 EXPLORATION GEOSCIENCE

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, NRB333
Credit points: 12 **Contact hours:** 4 per week

■ NRB631 FOSSIL FUEL GEOLOGY

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:** NRB430, NRB332
Credit points: 12 **Contact hours:** 4 per week

■ NRB633 HYDROGEOLOGY

Main focus on: the hydrologic cycle; the origin, occurrence and movement of groundwater; chemistry, quality and treatment 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 and their management, both of supply and of quality. 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:** NRB332
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

■ NRB660 STUDIES IN NATURAL RESOURCE SCIENCES

Studies in Natural Resource Sciences requires a student in consultation with a project supervisor to formulate a research problem, develop the methodology and to analyse and interpret the data in a way that results in the solution of a problem. Research problems may be field based and require the production of a detailed map, collection of samples, observation and analysis of specified features, followed by some type of analysis of data. The type of analysis may be in the chemical laboratory, the ecology laboratory or could be computer based. The project will be presented as a formal report including interpretation of data. Appropriate use of the current literature is expected.

Courses: SC01
Prerequisites: Approval of the Head of School
Credit points: 12 **Contact hours:** 4 per week

■ NRB670 AUSTRALIAN BIODIVERSITY

Australia has a large number of endemic animals and plants, and contains important ecosystems and biomes. This unit will consider concepts and social issues regarding biodiversity, human value systems and processes in decision making. This theme will be taken up with a role playing exercise where students become consultants involved with assessing a management issue associated with conserving biodiversity. Considering the status of Australia's freshwater ecosystems will further develop this theme. Our past care and abuse of these

fragile systems, and their value to us will be illustrated by selected examples.

Courses: SC01 **Prerequisites:** NRB570
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 & NURSING

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

■ NSB116 NURSING 1

An introduction to the key concepts underpinning nursing as a profession. Topics include: the nature of nursing; factors which have shaped the development of nursing practice; contemporary roles of the nurse; contents of nursing practice; theoretical perspectives of nursing; nursing and health promotion.

Courses: NS40

Credit points: 12

Contact hours: 3 per week

■ NSB121 NURSING 2

Further development of the key concepts underpinning nursing as a profession taught within a framework of communication. Topics include: the concept of client within the nurse-client relationship; theoretical perspectives of the help-

ing relationship as applied to nursing; judgment and decision-making processes within the context of nursing practice; collaboration within the health care team and governance in nursing.

Courses: NS40

Credit points: 12

Prerequisites: NSB116

Contact hours: 3 per week

■ NSB122 CLINICAL PRACTICE 1

The development and application of skills which are fundamental to nursing practice: health assessment skills, assisting clients with activities of daily living and skills which support client comfort and safety. Students will engage in a variety of on-campus activities which include laboratory practice sessions. In addition, an off-campus clinical practicum will be undertaken in a health care setting.

Courses: NS40

Corequisites: NSB121

Prerequisites: NSB116

Credit points: 12

Contact hours: Includes 2 weeks off-campus clinical experience

■ NSB212 CLINICAL PRACTICE 2

Further development and application of the theoretical and practical knowledge and skills necessary in the provision of safe, effective nursing care in a variety of settings. Students will practise the application of problem-solving and technical skills in both University (on-campus) and clinical (off-campus) settings. The off-campus clinical practicum will be undertaken in a variety of health care settings which include hospitals, palliative care facilities and psychiatric-mental health facilities.

Courses: NS40

Corequisites: NSB213, NSB223

Prerequisites: NSB122

Credit points: 12

Contact hours: Includes 4 weeks off-campus clinical experience

■ NSB213 NURSING 3

Provides theoretical foundations for clinical decision making and problem solving related to the promotion, maintenance and/or restoration of health for clients experiencing alterations in activity/exercise, nutritional/metabolic and elimination patterns.

Courses: NS40

Credit points: 12

Prerequisites: NSB116, NSB121

Contact hours: 3 per week

■ NSB221 NURSING 4

Nursing 4 examines common nursing practices associated with assessment and care of clients and their significant others/families when faced with altered cognitive/perceptual, and coping/stress management patterns. This unit addresses cognitive development commencing with normal development in children and concluding with normal cognitive changes associated with aging. It also addresses neurological dysfunction including care of the unconscious person, the person who has had a cerebral vascular accident and concludes with first aid for fits, faints and febrile convulsions. Other Functional Health Patterns including the impact of neurological illness on the individual, their self-esteem and other family members is also addressed. In its aim to link biophysical and psychological concepts of health, the common health dysfunctions which are used to illustrate the application of nursing concepts include both psychological and physical disorders. In order that a lifespan include both psychological and physical disorders. In order that a lifespan approach is considered, conditions which form a foci in some lecture are those which affect individuals from childhood to old age. Throughout the unit, students will also be exposed to common medications used, diagnostic procedures undertaken and associated medical and surgical procedures.

Courses: NS40

Credit points: 12

Prerequisites: NSB116, NSB121

Contact hours: 3 per week

■ NSB222 CLINICAL PRACTICE 3

Further development and application of the knowledge and skills necessary in the provision of safe, effective nursing care in a variety of settings. Students will practise the application

of problem solving and technical skills in both University (on-campus) and clinical (off-campus) settings. The off-campus clinical practicum will be undertaken in a variety of health care settings which include hospitals, palliative care facilities and psychiatric-mental health facilities.

Courses: NS40 **Prerequisites:** NSB122, NSB212
Corequisites: NSB221 **Credit points:** 12
Contact hours: Includes 4 weeks off campus clinical experience

■ NSB223 MENTAL HEALTH NURSING

Students gain an understanding of the important issues and principles associated with mental health and mental illness. Topics to be addressed include various perspectives of mental health and illness; factors underlying the development of mental illness; intervention strategies in the promotion/maintenance of optimal mental health; mental health policies.

Courses: NS40, NS48 **Prerequisites:** SSB101
Credit points: 12 **Contact hours:** 3 per week for 9 weeks

■ NSB224 RESEARCH APPROACHES IN NURSING

An understanding of the various approaches to research is central to contemporary nursing practice and the scholarly advancement of nursing knowledge. Topics addressed in this unit include the significance of research in nursing; methodologies used to research nursing practice; and appraisal of research reports.

Courses: NS40, NS48
Credit points: 12 **Contact hours:** 3 per week

■ NSB311 NURSING 5

Provides theoretical foundations for clinical decision-making and problem solving related to the promotion, maintenance and/or restoration of health for clients experiencing alterations in sexual-reproductive health, self-concept and/or self perception.

Courses: NS40 **Prerequisites:** NSB116 and NSB121
Credit points: 12 **Contact hours:** 3 per week
Incompatible with: Clinical Practice 1, Clinical Practice 2, Clinical Practice 3, non nursing units
Campus offered: KG

■ NSB312 NURSING 6

Provides the opportunity for students to gain an understanding of the key issues associated with the promotion, maintenance and/or restoration of health for families and communities. Family focussed nursing, primary health care, health promotion and community development theory related to Nursing practice is incorporated in this unit. Offered in Semester 2 only.

Courses: NS40, *NS48 Elective
Prerequisites: NSB113, NSB116 and NSB121. No prerequisites for NS48 students. NS48 offered internally and externally.
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG

■ NSB321 PROFESSIONAL PRACTICE 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
Credit points: 12 **Contact hours:** 3 per week

■ NSB322 CLINICAL PRACTICE 4

This clinical unit offers students the opportunity to advance the knowledge, skills and attributes which characterise the beginning level nurse practitioner. Emphasis will be placed on extending students' ability to critically reflect thus enhancing professional practice and the provision of safe, holistic care.

Courses: NS40

Prerequisites: NSB122, NSB212 and NSB222

Credit points: 12

Contact hours: 4 weeks off-campus clinical practice

■ NSB323 CLINICAL PRACTICE 5

This final clinical unit is designed to enable students to consolidate the knowledge and skills essential in the provision of safe, effective client care. Emphasis will be placed on students proficiency to think critically, reflect upon their practice and use a problem-solving approach to the provision and management of safe nursing care in preparation for a successful transition to beginning level practice as a registered nurse.

Courses: NS40

Prerequisites: NSB122, NSB212, NSB222, NSB322

Credit points: 12

Contact hours: 6 weeks off-campus clinical experience

■ NSB412 CLINICAL ELECTIVE

This unit aims to enhance final year students' ability to practice competently in a range of clinical situations. Students are provided with the opportunity to consolidate and extend their knowledge and skills by undertaking a series of self-directed, problem-based learning packages. The areas covered in the unit are advanced life support, respiratory therapies, health promotion, pain management, epidural analgesia and advanced wound care management. A variety of teaching-learning strategies will be used which include case scenarios, small group unilabs, computer-based and other related activities.

Prerequisites: Clinical Practice, 1, 2 and 3

Credit points: 12

■ NSB413 ADVANCED RESEARCH IN APPROACHES TO NURSING

Provides students with the opportunity to further develop their capacity for research and scholarship in preparation for future studies in the Bachelor of Nursing (Honours) course. Topics to be addressed include: statistical analysis descriptive statistics, sampling, estimation and inferential statistics; qualitative method and methodology; research process generation of researchable questions, literature review, theoretical frameworks in research, research methodology, ethical considerations and conducting research in the field.

Courses: NS48, NS40

Prerequisites: NSB224

Credit points: 12

Contact hours: 4 per week

■ NSB417 INTRODUCTION TO NURSING

Provides a framework within which students with advanced standing in the Bachelor of Nursing (Pre-registration) course can develop an evolving concept of nursing practice. Topics will include an historical, social and political analysis of the development of nursing, contemporary views of nursing as a profession, theoretical perspectives which underpin the development of nursing knowledge, clinical judgment and decision making within nursing and governance in nursing. This unit is for graduates of other disciplines only.

Courses: NS40

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

Credit points: 12

■ NSB422 SPECIAL TOPIC

Provides the opportunity for groups of students to explore, in detail, an area of interest in nursing. The emphasis will be on the further development of knowledge and understanding in a particular area of nursing, and skills in critical thinking and enquiry. The topics which may be studied are subject to availability.

Courses: NS40

Credit points: 12

■ **NSB425 CLINICAL PRACTICE DEVELOPMENT**
Courses: NS48 **Credit points:** 12

Campus offered: 1 AND 2
Semester offered: KG, External

■ **NSN002 KEY ISSUES IN CHILD & 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 condense 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.

Credit points: 12 **Contact hours:** 3 per week
Semester offered: KG, External

■ **NSN003 PRINCIPLES OF PAEDIATRIC, CHILD & 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.

Credit points: 12 **Contact hours:** 3 per week
Semester offered: External

■ **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.

Prerequisites: NSN003
Credit points: 12 **Contact hours:** 3 per week
Semester offered: KG, External

■ **NSN005 COMMUNITY CHILD & 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.

Prerequisites: NSN003
Credit points: 12 **Contact hours:** 3 per week
Semester offered: KG, External

■ **NSN006 SPECIALISATION IN PAEDIATRIC, CHILD & YOUTH HEALTH NURSING**

This unit will provide students with clinical knowledge and understanding in a selected area of paediatric or child and youth health sub-speciality. The unit is based on a learning contract that will include both theoretical and clinical learning activities and assessment. Completion of sub-speciality clinical competencies using the Clinical Associate Assessor model is also an integral part of the overall assessment for the unit. Options offered will include, acute paediatric, paediatric oncology, critical care, child and youth mental health, as well as community child and youth health.

Prerequisites: NSN003, NSN002
Credit points: 12 **Contact hours:** Negotiable
Semester offered: External for selected specialisations

■ **NSN301 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.

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.

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.

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 which they have acquired in other units. Students will be facilitated to incorporate theoretical, conceptual and practical knowledge, attitudes and skills required to care for the childbearing women, her infant and family.

Prerequisites: NSN321, NSN301
Credit points: 12 **Contact hours:** 3 per week

■ **NSN501 ADVANCED CLINICAL STRATEGIES**

Provides registered nurses with advanced skills in the area of clinical assessment and problem solving across a variety of clinical contexts. Students undertake the unit in the initial stages of their specialisation course, and the knowledge and skills which they develop are extended and applied through the specialty units.

Courses: NS64, NS85, NS32
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG, External

■ **NSN502 CRITICAL INQUIRY IN HEALTH CARE**

This unit enhances practitioner understanding of health care, encourages life long learning, and critical discourse. The unit examines clinical and theoretical case studies related to technology and health care and seeks to enhance personal practice through the use of critical incidents. Its aim to develop health care practitioners through reflective practice and critical thinking.

Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG, External

■ **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.

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, NS32 **Credit points:** 12
Contact hours: Negotiated with course coordinator
Campus offered: KG, External

■ NSN508 ADVANCED READINGS IN NURSING

This unit provides the opportunity for students to access and review a body of literature relevant to an area of individual interest in nursing. This will enable students to extend their knowledge and understanding of a topic which is not specifically addressed elsewhere in the course. In addition, students undertaking this unit will have the opportunity to develop advanced skills information retrieval, critical analysis and writing for publication.

Courses: NS64, NS85, NS32 **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 the discipline of nursing 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: NS32, NS64, NS85 **Credit points:** 12
Contact hours: Negotiated with unit coordinator

■ NSN510 CLINICAL ELECTIVE 1

Explores the theoretical and practical knowledge and skills required to provide effective nursing care to patients with highly specialised nursing management problems. Students will have the opportunity to develop theory and clinical problem-solving skills intrinsic to the nursing care of a specific range of patients within a defined subspecialty 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: NS32, NS64, NS85 **Credit points:** 12
Campus offered: KG, External

■ NSN511 CLINICAL ELECTIVE 2

Provides the opportunity for students to expand the professional knowledge and skills which 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: NS32, NS64, NS85 **Credit points:** 12
Campus offered: External

■ NSN515 LEADERSHIP & PROFESSIONAL PRACTICE

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 consulta-

tion and reflective practice as strategies to support a critical approach to the provision of leadership in the workplace.

Courses: NS64, NS85 **Credit points:** 12
Contact hours: 3 per week

■ NSN516 SEXUAL REPRODUCTIVE HEALTH

This unit will bring together current research and evidence-based practice and information as well as, a health-oriented approach to the subject of sexuality and reproduction. The purpose of this unit is to 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 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.

Credit points: 12 **Contact hours:** 3 per week
Semester offered: KG, External

■ 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: NS64, NS85, HL88, PU88 **Credit points:** 12
Contact hours: 3 per week
Campus offered: KG, External

■ 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: NS32, NS64, NS85 **Credit points:** 12
Contact hours: 3 per week
Campus offered: KG, External (for Cancer Nursing, Critical Care, Mental Health and Gerontology)

■ 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: NS32, NS64, NS85 **Credit points:** 12
Contact hours: 3 per week
Campus offered: External (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: NS32, NS64, NS85 **Credit points:** 12
Contact hours: Negotiable

■ NSN525 CLINICAL LEADERSHIP & MANAGEMENT

This unit aims to extend students' understanding of leadership and management in nursing, strengthen their abilities to provide effective leadership and further develop skills in peer consultation and reflective practice to support a critical approach to the provision of leadership and management in the workplace. This unit addresses including the ability to demonstrate an understanding of key leadership and management processes; and historical, current and future development of leadership and management in nursing. The unit also 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 is also addresses nursing perspectives on human resource management; performance management; staff allocation; financial management; budgeting, cost centre management; project development and management; policy development and implementation; and promoting quality outcomes.

Credit points: 12 **Contact hours:** 3 per week
Semester offered: KG, External

■ 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.

Credit points: 12 **Contact hours:** 3 per week
Semester offered: KG, External

■ 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.

Credit points: 12 **Contact hours:** 3 per week
Semester offered: KG, External

■ 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.

Credit points: 12 **Contact hours:** 3 per week
Semester offered: KG, External

■ NSN626 DEMETIA & FAMILY CARE

This unit aims to support aged care practitioners to respond to the challenges of caring for older people with Alzheimer's disease and their families in a community health context. The

central focus of this package is a CD-ROM which employs an interactive case study approach to introduce learners to a family situation where an older relative with Alzheimer's disease is being cared for at home.

Credit points: 12 **Contact hours:** 3 per week
Semester offered: KG, External

■ NSN701 ADVANCED HEALTH ASSESSMENT

This unit aims to develop an advanced understanding of health assessment in nursing practice. This will be achieved by exploring the theoretical, conceptual and practical knowledge required to effectively assess the individual, family and their environment to provide nursing care within the context of specialist practice.

Credit points: 12 **Contact hours:** 3 per week
Semester offered: KG, External

■ NSN721 KEY ISSUES IN ACUTE & 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, haemodynamic 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.

Credit points: 12 **Contact hours:** 3 per week
Campus offered: External

■ NSN722 PRINCIPLES OF ACUTE & 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.

Prerequisites: NSN701, NSN721
Credit points: 12 **Contact hours:** 3 per week
Campus offered: External

■ NSN723 SPECIALISATION IN CRITICAL CARE NURSING

This unit will provide the opportunity for students to further develop and consolidate prior learning in a critical clinical setting of their choice. Students will expand on their theoretical, professional and practical knowledge to assess patients, plan and implement nursing care in a particular critical care nursing environment. Specific areas of study may include intensive care, cardiac care and emergency care.

Prerequisites: NSN701
Credit points: 12 **Contact hours:** 3 per week
Campus offered: External

■ NSN725 SPECIALISATION IN MEDICAL/SURGICAL & 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.

Prerequisites: NSN701

Campus offered: External

Credit points: 12

Contact hours: Negotiable

■ NSN801 HEALTH ASSESSMENT IN AGED CARE

This unit provides nurses practising in aged care 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 nursing older people. The course has been specifically designed to complement newly revised health assessment tools which meet workplace needs in a variety of contexts – community and residential aged care.

Credit points: 12

Contact hours: 3 per week

Campus offered: External

■ NSN821 KEY ISSUES IN AGED CARE

This unit uses a Primary Health Care approach to examine issues related to the pursuit of healthy ageing. The goal of this unit is to emphasise how individuals, communities, and policy makers can work together to provide appropriate and reliable sources of support for older people in society. Identifying specific incidents and exemplars this unit also highlights the significance of flexible health/aged care policy and community based programs and services.

Credit points: 12

Contact hours: 3 per week

Campus offered: External

■ 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.

Credit points: 12

Contact hours: 3 per week

Campus offered: External

■ 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.

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.

Credit points: 48

■ NSN901 MENTAL HEALTH ASSESSMENT

This unit aims to facilitate students' understanding of abnormal behaviour and to provide students with the skills and concepts necessary to assess mental health across the life span. Students will learn to collect data guided by the principles of effective communication, relationship-building, therapeutic interviewing, comprehensive history taking, and general health screening. A biopsychosocial perspective will be used to conceptualise case formulation and the examination of differential diagnoses according to DSM-IV criteria. Major components of mental health assessment are interviewing techniques, mental status, examinations, psychosocial developmental history, family history, and sociocultural influences.

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. This unit also introduces students to the theory and practice of mental health nursing. It considers the scope of contemporary mental health nursing; various perspectives on mental health nursing; and the social and professional issues which affect the mental health nurse's role. The role of the mental health nurse is examined in the context of the prevalence of mental health problems in both Australia and the world. The practice of mental health nursing requires sound theoretical knowledge and in this unit biological, social, psychological and cultural theories pertinent to understanding mental health and mental illness and providing systematic nursing care will be addressed.

Prerequisites: NSN901 Mental Health Assessment

Credit points: 12

Contact hours: 3 per week

Campus offered: External

■ NSN922 COMMUNITY PERSPECTIVES IN MENTAL HEALTH NURSING

This subject is concerned with the changes occurring in the delivery of mental health care and the effect of these changes on the provision of mental health nursing care. The provision of community based services demands that nurses undertake the basis for these changes and develop new and different skills for working with the mentally ill in the community setting. Critical among these skills is the ability to assist in the development of consumer and carer centred services and outcomes in conjunction with other members of the multidisciplinary team.

Prerequisites: NSN921

Credit points: 12

Campus offered: External

Contact hours: 3 per week

■ NSN928 COUNSELLING IN MENTAL HEALTH NURSING

This unit is designed for nurses seeking to develop further knowledge and skills in counselling. It will build upon the existing knowledge and skills which each participant brings. The unit is intended to be practical. The focus will be on integrating new knowledge into existing abilities and providing participants with an opportunity to increase their knowledge of the theoretical bases of a variety of counselling approaches.

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 adaptations of clients in the community.

Credit points: 12 **Contact hours:** 3 per week

■ NSX113 VALUES, CULTURE & NURSING

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: HL12
Credit points: 12 **Contact hours:** 4 per week
Campus offered: KG **Semester offered:** 1

■ OPB250 OPTOMETRY 2

This subject covers the fundamental areas of ophthalmic optics, and optometry within the context of health care in Australia. It provides a basic understanding of the concepts of ophthalmic optics together with professional development, ethical responsibilities and the role of optometry.

Courses: OP42 **Campus offered:** KG
Credit points: 12 **Contact hours:** 5 per week

■ OPB350 OPTOMETRY 3

Ophthalmic optics is continued with the study of neutralisation, spectacle lens design and prescribing parameters of lenses and frames. The theory and practice of keratometry, optometers, ophthalmoscopy and retinoscopy are also studied.

Courses: OP42 **Prerequisites:** PCB240 OPB250
Corequisites: PCB340, OPB351, OPB352
Credit points: 12 **Contact hours:** 5 per week
Campus offered: KG

■ OPB351 VISUAL SCIENCE 3

A study of the basic visual sciences and visual physiology that underpins the practice of optometry. It includes the optics of the eye, retinal image quality, refractive errors, accommodation, psychophysical as applied to vision and the peculiarities of the eye's response to light.

Courses: OP42 **Prerequisites:** LSB250, PCB240
Corequisites: PCB340, OPB350, OPB352
Credit points: 12 **Contact hours:** 5 per week
Campus offered: KG

■ OPB352 OCULAR ANATOMY & PHYSIOLOGY 3

The unit provides an understanding of the underlying anatomy and physiology of the functional measurements made in optometry and their interpretation. It includes the gross and microanatomical aspects of the anterior eye and orbit together with vegetative and neurophysiological aspects of ocular and related structures.

Courses: OP42 **Prerequisites:** LSB152, LSB250, LSB275
Corequisites: OPB350, OPB351
Credit points: 12 **Contact hours:** 5 per week
Campus offered: KG

■ 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 **Campus offered:** KG

Prerequisites: OPB350, OPB352, OPB351

Corequisites: OPB451, OPB452

Credit points: 12 **Contact hours:** 5 per week

■ 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

■ OPB452 OCULAR ANATOMY & PHYSIOLOGY 4

This is a continuation of OPB352. The unit covers the posterior eye, orbit, neural pathways, accommodation, eye movements, neurophysiology of vision and an introduction to electrophysiological techniques.

Courses: OP42 **Campus offered:** KG
Prerequisites: OPB352, OPB351, OPB350
Corequisites: OPB451, OPB450
Credit points: 12 **Contact hours:** 5 per week

■ OPB550 DISEASES OF THE EYE 5

This unit provides students with a knowledge and understanding of relevant general diseases and those that affect the eye. It includes general disease principles and processes, referral procedures, genetics, congenital, dystrophic and degenerative eye disease, and the ocular manifestation of general disease.

Courses: OP42 **Prerequisites:** OPB452, LSB492
Corequisites: OPB551, OPB552, OPB553
Credit points: 12 **Contact hours:** 4 per week
Campus offered: KG

■ 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 **Campus offered:** KG
Prerequisites: OPB450, OPB451, OPB452
Corequisites: OPB550, OPB552, OPB553
Credit points: 12 **Contact hours:** 5 per week

■ 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 biomicroscopy, tonometry, visual fields, paralytic strabismus, colour vision and geriatric optometry.

Courses: OP42 **Campus offered:** KG
Prerequisites: OPB450, OPB451, OPB452
Corequisites: OPB550, OPB551, OPB553
Credit points: 12 **Contact hours:** 5 per week

■ OPB553 CLINICAL PRACTICE 5

Clinical Practice 5 provides the vehicle for the application of examination techniques learned in OPB551. 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:** KG

■ 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 **Campus offered:** KG
Prerequisites: OPB550, OPB551, OPB552, OPB553

Corequisites: OPB651, OPB652, OPB653

Credit points: 12 **Contact hours:** 5 per week

■ 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 **Campus offered:** KG

Prerequisites: OPB550, OPB551, OPB552, OPB553

Corequisites: OPB650, OPB652, OPB653

Credit points: 12 **Contact hours:** 6 per week

■ OPB652 PHARMACOLOGY

This subject addresses general and ocular pharmacology. It includes general pharmacokinetic and pharmacodynamic principles, and pharmacological principles as they apply to the eye, the mechanisms of action and therapeutic applications of drugs used in the treatment of general disease and ocular disease, and drugs pertinent to the diagnosis of eye disease.

Courses: OP42 **Campus offered:** KG

Prerequisites: OPB550, OPB551, OPB552, OPB553

Corequisites: OPB650, OPB651, OPB653

Credit points: 12 **Contact hours:** 5 per week

■ OPB653 CLINICAL PRACTICE 6

The subject is a continuation of OPB553, and introduces students to eye examination techniques in a clinical setting, emphasising patient management skills. A clinical research project is included.

Courses: OP42 **Campus offered:** KG

Prerequisites: OPB550, OPB551, OPB552, OPB553

Corequisites: OPB650, OPB651, OPB652

Credit points: 12 **Contact hours:** 6 per week

■ OPB705 CLINICAL OPTOMETRY 7

Clinical application of the procedures studied in OPB609 and OPB709 and includes the management of patients in the clinical situation.

Courses: OP42 **Campus offered:** KG

Prerequisites: OPB605, OPB609, OPB608, OPB627, OPB617

Corequisites: OPB709, OPB717, OPB750

Credit points: 24 **Contact hours:** 13 per week

■ OPB709 OPTOMETRY 7

Continuation of OPB609. Provides knowledge and understanding of the theory and clinical procedures involved in paediatric optometry, low vision, colour vision and aniseikonia.

Courses: OP42 **Campus offered:** KG

Prerequisites: OPB605, OPB609, OPB608, OPB627, OPB617

Corequisites: OPB705, OPB717, OPB750

Credit points: 8 **Contact hours:** 5 per week

■ OPB717 CONTACT LENS STUDIES 7

Lectures and practical sessions in advanced aspects of contact lens practice. Topics include the physiological consequences of contact lens wear; management of contact lens patients; fitting of lenses for keratoconus, extended wear and presbyopia. Practical sessions provide training in advanced diagnostic and fitting techniques.

Courses: OP42 **Campus offered:** KG

Prerequisites: OPB617, OPB605, OPB608, OPB627, OPB609

Corequisites: OPB705, OPB709, OPB750

Credit points: 6 **Contact hours:** 2 per week

■ OPB750 PROJECT

Students are required to undertake project work in Year 4, Semesters 1 and 2, working in groups of up to three on projects of their own choosing or on a topic chosen from a suggested list. Topics must be original. Students conduct a literature search (including a computer-based search in conjunction with a reference librarian), decide on the experimental hypotheses, plan and execute the experiment, analyse the results and write

a report in manuscript form which it is hoped is suitable for publication in the open literature. Oral presentations are given by each group to their peers, third-year students and staff, as part of a formal Year 4, Semester 2 colloquium.

Courses: OP42

Campus offered: KG

Prerequisites: OPB605, OPB608, OPB609, OPB617, OPB627

Corequisites: OPB709, MAB258, OPB705, OPB717

Credit points: 12 **Contact hours:** 2 per week

■ OPB803 OCCUPATIONAL/PUBLIC HEALTH OPTOMETRY

Introduces the basic concepts of eye safety and visual ergonomics. Content includes eye safety programs, occupational vision screening, legal aspects of eye safety, eye hazards: traumatic, radiation and chemical, eye protection, visual ergonomics and illumination engineering.

Courses: OP42 **Prerequisites:** OPB709, OPB717, OPB705

Corequisites: OPB805, OPB750, OPB807

Credit points: 6 **Contact hours:** 2 per week

Campus offered: KG

■ OPB805 CLINICAL OPTOMETRY 8

A continuation of OPB705. This unit places emphasis on the students decision-making skills in the evaluation, care and treatment of patients who may have a wide range of visual disorders.

Courses: OP42 **Prerequisites:** OPB705, OPB717, OPB709

Corequisites: OPB750, OPB803, OPB807

Credit points: 32 **Contact hours:** 17 per week

Campus offered: KG

■ OPB807 PRACTICE MANAGEMENT

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.

Courses: OP42 **Campus offered:** KG

Corequisites: OPB805, OPB803, OPB750

Credit points: 4 **Contact hours:** 2 per week

■ 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 Physical Science. Topics include matter and energy in various forms; conservation laws; heat and thermal physics; atomic and nuclear structure; structure of atoms and molecules; elements in biological processes; chemical reactions and chemical equations and calculations; extraction of elements from minerals; acids, bases, pH; solids, liquids, gases; oxidation, reduction, corrosion of metals; chemistry of carbon compounds (organic chemistry); polymers; biomaterials; forensic chemistry.

Courses: ED50, IF29, IF39, IF71, IF83, 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, 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

■ 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: modern atomic theory, electronic configuration of the elements, periodicity, covalent bonding of simple molecules, chemical equations and stoichiometry, redox reactions, introduction to chemical analysis. 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, OP42, PU40, PU43, SC01

Credit points: 12 **Contact hours:** 5 per week

■ PCB150 PHYSICS 1H

Basic physical measurements, mechanics, heat, waves, acoustics, ultrasonics and optics, and the instrumentation used to measure biological 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, Archimede'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

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

■ 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

Calorie counting – the underlying principle; speed control of chemical and biochemical processes; introductory organic chemistry; organic functional group chemistry; stereochemistry of organic compounds; biologically important organic compounds; heterocyclic chemistry; biologically important inorganic compounds.

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

Semester offered: GP

■ 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 including beam direction and 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

■ PCB313 RADIOGRAPHIC IMAGE INTERPRETATION

Image formation in medical radiography, and the significance of diagnostic techniques and their image appearances in assessment of the lower extremity.

Courses: PU43 **Prerequisites:** PCB142
Credit points: 12 **Contact hours:** 3 per week

■ PCB314 CONCEPTS IN ANALYTICAL CHEMISTRY

Classical analytical chemistry including titrimetric analysis (neutralimetry, precipitometry, compleximetry and redoximetry); gravimetric analysis; sample preparation; specialist reagents for analytical chemistry usage; instrumental analytical chemistry; 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; chirality; absolute configuration;

reccemic and meso compounds, applications in the areas of drugs, polymers and enzymes. Carbohydrate chemistry; monosaccharides, disaccharides and polysaccharides; reaction mechanisms; 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) and 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

Practical exercises in megavoltage therapy related to topics introduced in PCB287 and PCB286. The programs are carried out in 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, fluorimetry, 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

■ PCB424 PROCESS PRINCIPLES

Principles of mass and energy balances for the analysis of many systems. Examples from industrial chemical processes, as well as some environmental and biological systems including batch, fed-batch, and continuous systems. Introduction to sources of data and to methods of estimating properties of materials; case studies showing the relevance of mass and energy balances.

Courses: IF39, IF86, SC01 **Prerequisites:** PCB305
Credit points: 12 **Contact hours:** 5 per week

■ PCB434 INORGANIC CHEMISTRY

Coordination chemistry; structure and bonding of metal complexes including crystal field and valence bond theories; spectroscopic terms and electronic transitions; solution chemistry and 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, 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. Ultra-violet spectroscopy – electronic transitions, λ_{max} and ϵ , chromophores, bathochromic and hypsochromic shifts, sam-

pling. 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, α -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, ^{13}C 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
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, analysis packages, 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 & second laws of thermodynamics, equipartition principle and heat capacities, entropy, concept of irreversibility, Carnot cycle. Part B: Solid state physics, crystal & 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, infra-red, visible, UV, X-ray, gamma. Gravity wave and neutrino detectors. The sun, solar flares, solar wind, auroras, solar storms and their effects on satellites and communication. Space objects in the solar system: planets, comets, asteroids, meteors, etc. Stellar nuclear physics and classification of stars. Stellar and planetary 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 and paediatrics.

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 megavoltage 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 & REACTIVITY IN ORGANIC CHEMISTRY

Synthetically useful reactions for functional group interconversion in organic chemistry; the principles of synthetic planning in interconversion reactions, including terminology and general philosophies and applications to common organic name reactions; aromaticity and heteroaromatic 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) electron waves, electron and neutron diffraction, uncertainty principle, operators in quantum mechanics, Schrodinger equation and its solution, infinite potential well, transmission through a potential barrier, tunnelling effect, perturbation theory, dipole transitions, fine structure of spectra, spin-orbit interaction. 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, Kronig-Penney model, Bloch functions, semiconductors, band gap, semiconductor devices, Hall effect, superconductivity, critical temperature, Meissner effect, London equation, coherence length, tunnelling effects, Josephson effects.

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, ultrasonography 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.

Courses: PH38

Prerequisites: PCB476, PCB479

Credit points: 12

■ PCB580/2 CLINICAL RADIOGRAPHY 3

Clinical experience in advanced radiographic techniques as introduced in PCB567.

Courses: PH38

Prerequisites: PCB567, PCB580/1

Credit points: 12

■ PCB584 FORENSIC EXAMINATION OF PHYSICAL EVIDENCE

An overview of the crime scene: its investigation and manage-

ment; 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.

Courses: PH38

Prerequisites: PCB495

Credit points: 12

Contact hours: 6 per week

■ PCB604 PROJECT

A variety of chemical problems reflecting teaching, research and consultancy interest 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.

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, atomic emission spectroscopy.

Courses: ED50, IF39, IF71, IF86, SC01

Prerequisites: At least 4 units at advanced level in science majors/co majors

Credit points: 12

Contact hours: 4 per week

■ PCB624 CHEMISTRY IN INDUSTRY & 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 & 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.

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, polarisation, dielectric permittivity, transmission line theory,

waveguides, optic fibre theory, 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) and PCB362 and 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 & 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 & 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

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 which 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

Linear vector space; operators; eigenvalues and eigenvectors; physical variables and Hermitian Operators; action principle; matrix mechanics; potential scattering; Born approximation; perturbation theory; many particle systems; introduction to superconductivity.

Courses: SC60

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; numerical analysis; and digital image processing.

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.

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 SIMULATION IN RADIATION THERAPY

The principles of computed tomography, CT simulators, 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

Principles of diagnostic ultrasound; physics of ultrasound; ultrasound equipment design and performance; image production and artefacts; general principles of scanning; patient and equipment care; use of coupling materials and acoustic windows and transducer selection.

Courses: PH71, PH80

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 which 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, magnetic resonance and nuclear medicine 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

■ PCN213 BIOMECHANICS/ PHYSIOLOGICAL MEASUREMENT

The basic concepts and principles of measurement in dynamic physiological systems; principles of design, construction and operation of transducers, electrodes and other instrumentation.

Courses: PH71, PH80

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, electrical and mechanical techniques.

Courses: PH71, PH80, SC60

Credit points: 12 **Contact hours:** 4 per week

■ PCN218 RESEARCH METHODOLOGY & PROFESSIONAL STUDIES

Literature searches – manual and computer based; data collection; recording and analysis; introduction to medical statistics. Writing of research proposals, reports and scientific papers. Basic management skills, ethics, professional issues.

Courses: PH71, PH80

Credit points: 12 **Contact hours:** 3 per week

■ 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

Credit points: 12 **Prerequisites:** PCN197

■ 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

■ PCN397 CLINICAL ATTACHMENT 3

A period of additional supervised clinical practice designed to expand and refine skills acquired in PCN297.

Courses: PH71, PH80

Prerequisites: PCN297

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 (48 FT and 24 PT per semester)

Contact hours: 18 (FT) and 9 (PT) per week

■ 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 (48 FT and 24 PT per semester)

Contact hours: 18 (FT) and 9 (PT) per week

■ 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 will 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 and develops a high level of theoretical understanding of the physical principles underpinning the research.

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

■ PRB300 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

■ PRB302 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

■ PRB303 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: 10/20 day placement; pre- and post-tutorials 1-3 hrs/wk for 7 weeks

■ PRB304 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: PRB303

Credit points: 12

Contact hours: 20 day placement; pre- and post-tutorials

■ PRB305 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: PRB303

Credit points: 12

Contact hours: 20 day placement; pre- and post-tutorials

■ PRB306 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:** PRB303, PRB304, PRB305

Credit points: 12

Contact hours: 20 day placement; pre- and post-tutorials

■ PRB307 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

■ PRB308 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

■ PRB309 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

Credit points: 12

Corequisites: PRB307

Contact hours: 3 per week

■ PRB310 PROGRAMMING IN ADULT & WORKPLACE EDUCATION

Important aspects of responsive programming for adult and workplace education. Covers the planning implementation, evaluation and reflection components of program development, design and delivery.

Courses: ED54, ED26

Credit points: 12

Prerequisites: PRB309

Contact hours: 3 per week

■ PRB311 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

■ PRB312 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

■ PRB313 COMMUNITY, LEADERSHIP & CITIZENSHIP

Contemporary issues and factors impacting on communities creating special needs for community education, leadership and organisational capacities, improved cultural awareness, and revitalised practices of active and informed citizenship.

Courses: ED54

Credit points: 12

Contact hours: 3 per week

■ PRB331 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

■ PRB332 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 top-

ics 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

■ PRB341 PRACTICE TEACHING 2 (3-5 YEARS)

Twenty continuous days in a group care setting for children three-five years observing, recording and analysing the behaviour and learning of individuals and groups of children; recording and evaluating selected aspects of the teaching/caring/learning environment; planning, implementing and evaluating learning opportunities for individuals and groups which foster communication, exploration and problem-solving, creativity and self-expression and which take into account social and cultural backgrounds, and health and safety practices appropriate for three-five year old children in group care; assuming limited leadership responsibilities for the total program.

Courses: ED53

Credit points: 12

■ PRB343 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

■ PRB344 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 20days practice teaching in a secondary school.

Courses: ED50, ED55, IF70-79

Credit points: 12

Prerequisites: PRB343
Contact hours: 2 per week

■ PRB345 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 20days of practice teaching in a secondary school.

Courses: ED50, ED55, IF70-79

Credit points: 12

Prerequisites: PRB344
Contact hours: 2 per week

■ PRB346 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 to 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 30days of practice teaching in a secondary school.

Courses: ED50, ED55, IF70-79

Credit points: 12

Prerequisites: PRB345

■ PRB347 PRIMARY PROFESSIONAL PRACTICE 1: CLASSROOM MANAGEMENT

Provides an introduction to professional practice in education and gives a foundation for further development in the areas of specialisation and/or specific subject curriculum areas. The role of the teacher is examined with reference to the teacher

as communicator, planner, manager and facilitator of learning. It provides an opportunity for approaches, strategies and skills associated with the teachers role to be introduced and applied with classroom management. Includes 10 single days in a primary school.

Courses: ED51, ED56, IF82, IF84

Credit points: 12

Contact hours: 3 per week

■ PRB348 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 20days of practice teaching in a primary school.

Courses: ED51, ED56, IF82, IF84

Credit points: 12

Contact hours: 2 per week

■ PRB349 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 20days of practice teaching in a primary school.

Courses: ED51, ED56, IF82, IF84

Credit points: 12

Contact hours: 12 per week

■ PRB350 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 30days of practice teaching in a primary school.

Courses: ED51, ED56, IF82, IF84

Credit points: 12

Contact hours: 1 per week

■ PRB355 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

■ PRB356 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: PRB355

Credit points: 12

Contact hours: 3 per week

■ PRB357 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 cur-

riculum 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

■ PRB358 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: PRB357

Credit points: 12

Contact hours: 3 per week

■ PRB359 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

■ PRB360 ECONOMICS CURRICULUM STUDIES 2

Continuation of PRB359. 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: PRB359

Credit points: 12

Contact hours: 3 per week

■ PRB361 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

■ PRB362 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: PRB361

Credit points: 12

Contact hours: 3 per week

■ PRB363 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

■ PRB364 HISTORY CURRICULUM STUDIES 2

Curriculum development within the context of contemporary policies, frameworks and agencies; general principles of meas-

urement, 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: PRB363
Credit points: 12 **Contact hours:** 3 per week

■ PRB365 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

■ PRB366 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: PRB365
Credit points: 12 **Contact hours:** 3 per week

■ PRB367 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

■ PRB368 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: PRB367
Credit points: 12 **Contact hours:** 3 per week

■ PRB371 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

■ PRB375 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

■ PRB376 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:** PRB302, CLB304
Credit points: 12 **Contact hours:** 3 per week

■ PRB378 KNOWING YOUR ENVIRONMENT

An interdisciplinary social science approach to explore the origins, nature and impact of various environmental issues which threaten the continuing viability of our planet. Its aim is to develop a sound skills and knowledge base enabling students to analyse, synthesise and respond positively to many of the controversial and vital environmental problems at a local, national and global level.

Courses: ED52, ED51, ED43
Credit points: 12 **Contact hours:** 3 per week

■ PRB379 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

■ PRB380 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

■ PRB381 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 which were formerly the domain of TAFE. Familiarity with developments such as the competencies movements and competency based assessment, National Standards and Frameworks, are but a few of the recent educational developments impinging on the profession of teaching. This unit promotes understanding of the principles of convergence, and the meaning and interpretation of competence in practice from both a national and international perspective. Strategies which enable students to plan, implement and assess work programs in a manner consistent with contemporary educational thought are explored.

Courses: ED26, ED50, ED54, ED55, IF70-79
Credit points: 12 **Contact hours:** 3 per week

■ PRB382 ADVANCED SKILLS OF EFFECTIVE LEARNING & TEACHING

The Queensland Education Departments corporate plan fo-

cuses on teachers having skills and attitudes to teach in a socially just framework and to facilitate effective learning and teaching. This unit develops understandings 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

■ **PRB383 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

■ **PRB384 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

■ **PRB385 STUDIES OF SOCIETY & ENVIRONMENT/HEALTH & PHYSICAL EDUCATION CURRICULUM 2**

Expands the foundation established in PRB377 by allowing students to focus on significant areas such as consumer education, political education, global education and legal education. Students will design innovative curriculum programs. In the physical education section, the content includes: concepts and content incorporated in the philosophy of education, the structure, management and evaluation of physical education lessons in the school environment: planning learning experiences and developing program modules and units.

Courses: ED51, ED56

Credit points: 12

Prerequisites: PRB377

Contact hours: 3 per week

■ **PRB386 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

■ **PRB387 STUDIES OF SOCIETY & 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

■ **PRB410 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

■ **PRB412 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

■ **PRB414 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

■ **PRB415 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

■ **PRB416 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

■ **PRB417 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

■ **PRB419 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

■ **PRB421 BUSINESS EDUCATION STUDIES**

Enables students to develop those competencies needed for planning and teaching Business Education subject areas which are additional to their two major curriculum areas. A selection of three areas will be made from Accounting, Business Communication and Technology Education, Business Organisation and Management, Economics and Legal Studies. Competencies covered will include a basic knowledge of curriculum planning, appropriate teaching strategies and resources, and assessment planning and implementation.

Courses: ED50, ED55

Prerequisites: 24 credit points in Business Education Curriculum units.

Credit points: 12

Contact hours: 3 per week

■ **PRB422 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

■ **PRB423 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

■ **PRB424 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

■ **PRB425 EARLY CHILDHOOD PROFESSIONAL PRACTICE: CHOICE**

Refining strategies for teaching and working collaboratively with children, parents and colleagues in early childhood contexts; students reflection on development of own practices; roles of early childhood educators with regard to ethics, advocacy for young children, policy development and administration; curriculum vitae and resume; 20 days of supervised practice in an early childhood setting of the student choice.

Courses: ED43, ED52, ED53, ED57, IF81, IF83

Prerequisites: PRB422, PRB423, PRB424

Credit points: 12 **Contact hours:** 2.5 per week

Incompatible with: EAB354

■ **PRB426 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

■ **PRB427 PROFESSIONAL INTERNSHIP OF ASSOCIATE TEACHING**

The Professional Internship is a period of associate teaching in schools under the guidance of a teacher mentor. Authorisation to teach is provided by the Qld Board of Teacher Registration provided that all academic studies and professional practice units have been completed. Student Interns are prepared for the experience in weekly one hour seminars. Includes 30 days of Associate Teaching in a school.

Courses: ED50-52, ED55, IF70-79

Prerequisites: Successful completion of all professional practice units and coursework; Grade point average: 5.0 or above

Credit points: 12 **Contact hours:** 1 hr/wk

■ **PRN601 CURRICULUM INQUIRY & RESEARCH**

Framed by the context of trends, policies and practices which impact upon the decisions made by educators as curriculum practitioners. Curriculum inquiry and research are addressed with an appreciation of how curriculum trends, policies and practices have been framed and investigated in the past; how

contemporary researchers and writers conceptualise curriculum as a field of inquiry and how curriculum practitioners are central in theorising about and transforming their own professional practice as curriculum leaders.

Courses: ED13, ED11

Credit points: 12

■ **PRN602 PROFESSIONAL GROWTH & DEVELOPMENT**

Designed for those practitioners who are interested in initiating and responding to curriculum change as both individuals and in collaboration with others. It assumes that curriculum leaders at different levels are required to be both proactive and reactive towards such change and this unit seeks to develop understandings which enable them to do this. This unit cultivated uniqueness and virtuosity, is guided by individual judgments in their context and leads to individual understandings and awareness of professional development issues.

Courses: ED13, ED11

Credit points: 12

■ **PRN603 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 Whitshire 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

■ **PRN605 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

■ **PRN606 CHANGING AGENDAS IN LEADERSHIP**

Addresses differing approaches to the study of leadership and management, and the dilemmas of responding to rapidly changing contexts. Issues such as school-based management, quality management, teachers as leaders are raised. The unit aims to enhance an understanding of leadership in the late 1990s and provide a broad base for other work in the leadership and management area of interest.

Courses: ED13, ED11, ED61

Credit points: 12

■ **PRN608 ORGANISATIONAL CULTURES & EDUCATION LEADERSHIP**

An investigation of the dimensions of culture in educational organisations undergoing change through examining key issues that are covered with economic rationalism and social justice, strategic planning/management and leadership, cultural analysis and design and particularly devolution and accountability.

Courses: ED13, ED11, ED61

Credit points: 12

■ PRN611 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

■ PRN612 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

Contact hours: 3 per week

■ PRN613 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: PRN611

Credit points: 12

Contact hours: 3 per week

■ PRN616 CRITICAL APPROACHES IN SOCIAL & ENVIRONMENTAL EDUCATION

The most exciting initiatives in social and environmental education over the past two decades have reflected visions of a world that is more peaceful, just and ecologically sustainable. These initiatives have been in areas including Development Education, Environmental Education, Global Education and Futures Education. All of these fields encompass critical pedagogical approaches. In this unit, students initially explore the philosophical assumptions of critical pedagogies, and then investigate their practical applications in major fields of social and environmental education. As well, students analyse current national and state educational policies, to evaluate the support they offer for critical approaches in social and environmental education. Students are able to base their assignment work on their own areas of expertise and interest.

Courses: ED13, ED11

Credit points: 12

■ PRN617 ENVIRONMENTAL EDUCATION & INTERPRETATION

Provides teachers and interpreters with the theoretical and practical knowledge and skills to take a leadership role in the fields of environmental education and interpretation. Students will examine environmental concepts, the impact these have on teaching/learning approaches, the design and evaluation of environmental and interpretive learning experiences, the use of museums, exhibits and environmental centres as learning resources as well as teaching/interpreting controversial environmental issues and sites.

Courses: ED13, ED11

Credit points: 12

■ PRN618 ISSUES IN SOSE (STUDIES OF SOCIETY & THE ENVIRONMENT)

Some of the most enduring debates in social and environmental education focus on the role of disciplinary knowledge. For most of this century, educators in major Western countries have argued the relative merits of curricula based on single-disciplinary, multidisciplinary and interdisciplinary approaches. This unit provides opportunities for students to explore these issues in theoretical and practical curricular contexts.

Courses: ED13, ED11

Credit points: 12

■ PRN619 ISSUES IN ENVIRONMENT EDUCATION & INTERPRETATION

The development of research skills in students and providing them with the opportunity to critically explore issues in environmental education and make interpretations of personal professional relevance. Students undertake reading and research in an area of their choice and produce their findings in a seminar. In these seminars students critically evaluate current literature, controversial issues and debates in their area of study as well as present their findings in the form of a research report.

Courses: ED13, ED11

Credit points: 12

■ PRN620 CIVICS & CITIZENSHIP EDUCATION – ISSUES OF CURRICULUM & PEDAGOGY

Focuses on current debates about how civics and citizenship education should be theorised and practised in Australia. Students analyse changing notions of civics and citizenship, the challenges of postmodern conditions, and recent initiatives in the field. These provide contexts for the analysis and evaluation of curriculum and pedagogical approaches to civics and citizenship education. Students undertake an assignment involving critical analysis of a selected proposal and/or practice, and negotiate a second assignment task reflecting the focus of the unit.

Courses: ED13, ED11

Credit points: 12

■ PRN633 LEADING & 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

■ PRN634 POLICY DEVELOPMENT & 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

■ PRN635 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

■ PRN636 HIGHER EDUCATION: CURRICULUM DESIGN, DEVELOPMENT & EVALUATION

Explores and critiques the theoretical and practical dimensions of designing, implementing and evaluating higher education curriculum initiatives that are responsive to changing trends, student diversity and client demand in a global educational context. Students will engage in an ongoing process of critique and reconstruction of their curriculum decision making and leadership practices to ensure high quality curriculum transformations in specific higher education contexts.

Courses: ED11, ED13

Credit points: 12

Contact hours: 3 per week

■ PRN637 HIGHER EDUCATION: RESPONDING TO EMERGING ISSUES, CHANGING CONTEXTS & NEW POLICIES

Explores contexts and issues that are changing the shape of Higher Education throughout the world, and considers the policies being forged in response to these new contexts. Participants examine how universities are being affected by the challenges of globalisation and new technologies, their trends towards internationalisation, and dimensions of their changing organisation, governance, leadership and labour relations. Explore discourses including those of postmodernism, postcolonialism and the politics of difference, that are changing the nature of academic work.

Courses: ED11, ED13

Credit points: 12

Contact hours: 3 per week

■ PRN638 PROFESSIONAL PRACTICE 1: LEARNERS & 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

■ PRN639 PROFESSIONAL PRACTICE 2: CLASSROOM MANAGEMENT & 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

Credit points: 12

Prerequisites: PRN638

Contact hours: 3 per week

■ PRN640 PROFESSIONAL PRACTICE 3: CHANGE, DIFFERENCE & 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

Credit points: 12

Prerequisites: PRN639

Contact hours: 3 per week

■ PRN641 PROFESSIONAL PRACTICE 4: CURRICULUM DECISION MAKING & 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 responsiveness to difference. Responsive and inclusive curriculum decision making and curriculum leadership must integrate current policy initiatives, curriculum theorising of one's emerging curriculum practices and a sound understanding of the changing nature of teacher's work. This unit will emphasise the complexities of planning, implementing and monitoring of integrated programs of learning generated by cooperative decision making specific to local sites and the needs of learners within particular educational contexts. Includes 20 days of practice teaching.

Courses: ED17, ED18, ED19

Credit points: 12

Contact hours: 3 per week

■ PRN642 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

■ PRN643 PROFESSIONAL TEAMING, CASE & 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

■ PRN644 PROFESSIONAL INTERNSHIP & 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

Credit points: 12

Prerequisites: PRN641

Contact hours: 3 per week

■ PRN645 INTERDISCIPLINARY PRIMARY CURRICULUM STUDIES

The unit is designed to consolidate and expand students' developing understandings and capacities associated with classroom teaching, program planning, implementation and evaluation, and student assessment and reporting in specific key learning areas. It will also consolidate their curriculum understandings in the key learning areas with a view to ensuring that holistic, cross curriculum, student responsive planning and teaching will occur as an integral part of each teacher's professional curriculum work in the primary context.

Courses: ED18

Credit points: 12

Prerequisites: PRN642

Contact hours: 3 per week

■ PRN646 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

■ PRN647 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

■ PRN648 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:** PRN606
Credit points: 12

■ PRN649 CHANGE, EVALUATION AND ACCOUNTABILITY IN EDUCATIONAL CONTEXTS

This unit gives particular attention to the development of understandings and capacities relating to curriculum planning; assessment, evaluation and reporting; accountability; and to the need to be inclusively responsive to the diverse range of student backgrounds, abilities and aspirations. It examines relevant influences within a context of change as a basis for a more informed and critically aware understanding of where teachers and their professional work fit.

Courses: ED17, ED18, ED19
Credit points: 12 **Contact hours:** 3 per week

■ PRP501 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

■ PRP502 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

■ PRP503 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

■ PRP504 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

■ PRP505 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

■ PRP506 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

■ 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 **Campus offered:** GP
Credit points: 12 **Contact hours:** 4 per week

■ 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 **Campus offered:** GP
Credit points: 12 **Contact hours:** 3 per week

■ 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 **Campus offered:** GP
Credit points: 12 **Contact hours:** 3 per week

■ 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 **Campus offered:** GP
Credit points: 12 **Contact hours:** 3 per week

■ 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

■ 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 **Campus offered:** GP
Credit points: 12 **Contact hours:** 3 per week

■ 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 **Campus offered:** GP
Credit points: 12 **Contact hours:** 3 per week

■ PSB424 LAND SCIENCE

This unit consists of 4 elementary modules, which are taken according to the needs of the discipline of study. Module A: spatial referencing, site measurement; use of maps and air photos. Module B: surveying. Module C: science. Module D: statistics. Disciplines: Surveying – Modules A and B. Land-

scape Architecture – Modules A and C. Urban and Regional Planning – Modules A and D.

Courses: BN31, PS47, PS48

Credit points: 12

Campus offered: GP

Contact hours: 3 per week

■ 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

■ 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

Campus offered: GP

Credit points: 12

Contact hours: 3 per week

■ PSB433 PLANNING PROCESSES (URP ONLY)

Planning as a creative and value-based activity. The problem-solving process which links places, activities and underlying values. Planning method as a progressive and cyclic process, incorporating the logic of conscious planning, identification of problems and issues, the roles and derivation of objectives, analysis and projection of activity systems, resource and issue analysis, synthesis in planning, decision-making, implementation, and evaluation. The emerging fields within community and land use planning. The examples will cover outputs dealing with spatial scale (regional, metropolitan, urban and local) and conceptual scale (strategic visions, program plans, projects, policies).

Courses: BN31

Prerequisites: PSB414, PSB423

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ 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

Campus offered: GP

Credit points: 12

Contact hours: 3

■ PSB435 SOCIAL & 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

Campus offered: GP

Credit points: 12

Contact hours: 3 per week

■ 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

■ 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 broadscale regeneration and stabilisation.

Courses: BN31

Prerequisites: PSB422

Credit points: 12

Contact hours: 3 per week

Campus offered: GP

■ 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

Campus offered: GP

Credit points: 12

Contact hours: 3 per week

■ 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

■ PSB445 INFRASTRUCTURE PLANNING (URP ONLY)

Transport studies and the links between land uses and transport. The main modes of transport (eg 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 which may occur in the foreseeable future.

Courses: BN31

Campus offered: GP

Credit points: 12

Contact hours: 3 per week

■ 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 interdisciplinary team work. 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

■ 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

■ 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

Campus offered: GP

Credit points: 12

Contact hours: 3 per week

■ 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

■ 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

■ 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

Campus offered: GP

Credit points: 12

Contact hours: 3 per week

■ PSB610 GOVERNMENT

Study of Australian political institutions and how they affect land development.

Courses: PS47, PS48, BN31

Campus offered: GP

Credit points: 12

Contact hours: 3 per week

■ 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

Campus offered: GP

Credit points: 12

Contact hours: 3 per week

■ PSB612 SPATIAL & 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

■ PSB613 LAND DEVELOPMENT PRINCIPLES & POLICIES

Principles and policies concerned with sustainability of land development from an economic, ecological and social perspective.

Courses: PS47, PS48, BN31

Campus offered: GP

Credit points: 12

Contact hours: 3 per week

■ 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, raddburn. Provision and location of services. Detailed treatment of development controls affecting subdivisions – negotiations, applications, appeals. Preparations for Court, precedents.

Courses: PS47, PS48

Prerequisites: PSB613

Credit points: 12

Contact hours: 4 per week

Campus offered: GP

■ 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

■ PSB620 CADASTRAL SURVEYING & MAPPING

Land Title Systems, Reinstatement: An explanation of the options of land title systems, with particular reference to Customary Land Tenure, Private Deeds registration, Public Deeds Registration, and Registration of Title. An analysis of reinstatement of property boundaries as applicable to Queensland. Undertaking of a field survey to reinstate the boundaries of a section in the Brisbane Metropolitan area. Preparation of cadastral and detail survey plans for survey actions. The legal aspects of re-instatement of boundaries. Case law associated with re-instatement. Statutory requirements which relate to the zoning and development of land.

Courses: PS47, PS48

Campus offered: GP

Credit points: 12

Contact hours: 5 per week

■ 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

■ PSB630 CARTOGRAPHY & 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

Campus offered: GP

Credit points: 12

Contact hours: 4 per week

■ PSB631 GEOGRAPHIC INFORMATION SYSTEMS I

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

Campus offered: GP

Credit points: 12

Contact hours: 4 per week

■ 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

■ PSB633 MAP PRODUCTION: PRINCIPLES & 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 gradicules 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

■ 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

■ 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

■ PSB642 CONTROL SURVEYING & 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

■ 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 observ-

ing, 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

■ 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

■ PSB645 SURVEYING & 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

■ PSB650 PROJECT/ELECTIVE

(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

Campus offered: GP

Credit points: 12

■ PSB651 PROJECT/ELECTIVE

(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

Campus offered: GP

Credit points: 12

■ PSB652 TOPICS IN LAND ADMINISTRATION

(Subject to confirmation – proposed to be introduced from 2001) 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

Campus offered: GP

Credit points: 12

Contact hours: 4 per week

■ PSB653 TOPICS IN SURVEYING ENGINEERING

(Subject to confirmation – proposed to be introduced from 2001) 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

Campus offered: GP

Credit points: 12

Contact hours: 4 per week

■ PSB654 TOPICS IN GEOGRAPHIC INFORMATION SYSTEMS

(Subject to confirmation – proposed to be introduced from 2001) 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

Campus offered: GP

Credit points: 12

Contact hours: 4 per week

■ 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

Campus offered: GP

Credit points: 12

Contact hours: 4 per week

■ PSN207 PREPARATORY SPECIALISATION 1

Assists the student to explore their elected research area in greater breadth to assist the definition of the specialisation which will be developed in depth in the Specialisation and Research Project units; students will undertake study to develop a broad understanding of knowledge and skills related to the specific concentration and supporting the direction of the proposed Research Project topic. Study may be taken from professional level studies offered by the School, or units within the University or, where appropriate, through another university or through specialist studies offered by staff.

Courses: PS71

Campus offered: GP

Credit points: 12

Contact hours: 3 per week

■ PSN208 PREPARATORY SPECIALISATION 2

Assists the student to explore their elected research area in greater breadth to assist the definition of the specialisation which will be developed in depth in the Specialisation and Research Project Units; students will undertake study to develop a broad understanding of knowledge and skills related to the specific concentration and supporting the direction of the proposed Research Project topic. Study may be taken from professional level studies offered by the School, or units within the University or, where appropriate, through another university or through specialist studies offered by staff.

Courses: PS71

Campus offered: GP

Credit points: 12

Contact hours: 3 per week

■ PSN209 PREPARATORY ELECTIVES 1

Allows development of understanding of the breadth of issues related to the elected specialisation; students will elect unit/s from within professional level studies offered by the School, or 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 within the student's specialisation.

Courses: PS71

Contact hours: 3 per week

Credit points: 12

Campus offered: GP

■ PSN210 PREPARATORY ELECTIVES 2

Allows development of understanding of the breadth of issues related to the elected specialisation; students will elect unit/s from within professional level studies offered by the School, or 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 within the student's specialisation.

Courses: PS71

Campus offered: GP

Credit points: 12

Contact hours: 3 per week

■ 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 which outlines the relevant base theory, and clearly communicates the potential extent of the Research Project.

Courses: BN73, PS69, PS70, PS71

Campus offered: GP

Credit points: 12

Contact hours: 3 per week

■ 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

Credit points: 12

Campus offered: GP

Prerequisites: PSN211

Contact hours: 3 per week

■ 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

Campus offered: GP

Contact hours: 3 per week

■ PSN221 ADVANCED SPECIALISATION

The student develops further the approved specialised topic. Students may apply for approval for a specific Advanced Specialisation utilising units offered elsewhere in QUT or at another tertiary institution which must, for approval, be an extension of the specialisation studied in PSP510 Specialisation in an earlier semester. The Advanced Specialisation is normally linked to the PSN212 Research Project II. Areas of specialisation are Regional and Local Development, Urban Housing and Community Development, Urban Design, Environmental and Resource Planning and Special Topic.

Courses: PS70

Credit points: 12

■ 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

■ 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

■ PSP261 LANDSCAPE CONSTRUCTION 1

Introduction to basic equipment for site measurement recording of field data and the preparation of measured site drawings from recorded data. Definition of terms; structural units and types of structures; loadings and types (including wind loading). Manual techniques of land surface manipulation: Development of understanding of the properties of common construction materials and built elements and their application in landscape construction. Appropriate techniques for

preparation of construction documents. Costing of broad development types.

Courses: Graduate Diploma and Masters of Landscape Architecture

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 ie 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 E-mail and the World Wide Web.

Courses: PS66 PS71

Campus offered: GP

Credit points: 12

■ 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

Campus offered: GP

Credit points: 12

■ 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 lifespaces 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

Campus offered: GP

Credit points: 12

■ 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 & 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

■ 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 broadscale 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 ACient 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 graph-

ics 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 **Campus offered:** GP
Credit points: 12 **Contact hours:** 42

■ 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 **Campus offered:** GP
Credit points: 12 **Contact hours:** 42

■ 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 **Campus offered:** GP
Credit points: 12 **Contact hours:** 42

■ 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 **Campus offered:** GP
Credit points: 12 **Contact hours:** 42

■ PSP323 PROJECT SITE SURVEYS

Detail surveying; methods, equipment, data requirements and data transfer; Preparation of specifications and estimates of costs; Detail survey field project work; Processing of field data, report and plan presentation. Types of construction and building control surveys and preparation of plans and specifications. Inspection of building construction sites are involved; Receipt of instructions, documentation and communication with contractors. Field procedures including high precision survey and error adjustment techniques involved with construction and building control surveys and construction site set out calculations.

Courses: PS68 **Campus offered:** GP
Credit points: 12 **Contact hours:** 42

■ 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 ap-

plication of the methods to conventional surveying. Consideration of LIS/GIS Technology and its practical application in conventional surveying practice.

Courses: PS68 **Campus offered:** GP
Credit points: 12 **Contact hours:** 42

■ 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 **Campus offered:** GP
Credit points: 12 **Contact hours:** 42

■ 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 **Campus offered:** GP
Credit points: 12 **Contact hours:** 42

■ PSP329 URBAN DRAINAGE FOR SURVEYORS

Define problems and identify, evaluate, select and apply drainage problem solving skills and techniques in the design and management of an urban subdivision. Revision of hydrostatics and flow concepts, rainfall and run-off concepts, urban and street drainage design. Preparation of a drainage design and specifications for a small (eg 20 Lot) urban subdivision.

Courses: PS68 **Campus offered:** GP
Credit points: 12 **Contact hours:** 42

■ 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 **Campus offered:** GP
Credit points: 12 **Contact hours:** 42

■ 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 **Campus offered:** GP
Credit points: 12 **Contact hours:** 3 per week

■ 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 communica-

tion of the results. Where applicable, the unit will incorporate field work, work in other units of the course, and joint/complementary projects with other courses in the Faculty. (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

Campus offered: GP

Credit points: 24

Contact hours: 6 per week

■ 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

Campus offered: GP

Credit points: 12

Contact hours: 3 per week

■ 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

Campus offered: GP

Credit points: 12

Contact hours: 3 per week

■ 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

Campus offered: GP

Credit points: 12

Contact hours: 3 per week

■ 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

Campus offered: GP

Credit points: 12

Contact hours: 3 per week

■ 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

Campus offered: GP

Credit points: 12

Contact hours: 3 per week

■ 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

Campus offered: GP

Contact hours: 3 per week

■ 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 professionalism; 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

Campus offered: GP

Contact hours: 3 per week

■ 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

Campus offered: GP

Contact hours: 3 per week

■ 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 sub-division 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 (eg. thorough the Commonwealth Local Approval Review Process or related programs).

Courses: PS70, PS72

Credit points: 12

Campus offered: GP

Contact hours: 3 per week

■ PSP509 REGIONAL & METROPOLITAN POLICY

Theories of regional and metropolitan development. Regional analysis methods, including input-output models, economic base studies and the like. The impact of the Australian federal system and inter-governmental relations on the ways in which metropolitan and other regions are planned and governed. Regional and metropolitan policies and management, including coordinating mechanisms. Regional and metropolitan management models and comparisons. The role of statutory authorities. Planning for rural and regional areas. Principles of regional environmental and land use planning and approaches such as integrated catchment management.

Courses: PS70, PS72

Credit points: 12

Campus offered: GP

Contact hours: 3 per week

■ PSP510 SPECIALISATION

The student undertakes a supervised program of study in an approved selected field. The student may choose from a limited list of approved fields, depending on staff expertise and availability. Students may apply for approval for a specific specialisation utilising units offered elsewhere in QUT or at another tertiary institution which must, for approval, also lead on to an Advanced Specialisation if they are enrolled in PS70. Students will normally choose a specialisation which relates to their intended Research Project. Areas of Specialisation are Regional and Local Development, Urban Housing and Com-

munity Development, Urban Design, Environmental and Resource Planning, and Special Topic.

Courses: BN73, PS70, PS72 **Campus offered:** GP
Credit points: 12 **Contact hours:** 3 per week

■ PSP512 PLANNING PRACTICE II

The core of this unit is a problem-solving group project focusing on a planning region which 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 **Campus offered:** GP
Credit points: 12 **Contact hours:** 3 per week

■ 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 **Campus offered:** GP
Credit points: 0 **Contact hours:** 1 week

■ 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 **Campus offered:** KG
Credit points: 12 **Contact hours:** 3 per week
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 **Campus offered:** KG
Credit points: 12 **Contact hours:** 3 per week

■ 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 etc.

Courses: IF47, IF85, PU40 **Campus offered:** KG
Credit points: 12 **Contact hours:** 3 per week
Semester offered: 1

■ PUB107 INTRODUCTION TO ENVIRONMENTAL 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 **Campus offered:** KG
Credit points: 12 **Contact hours:** 3 per week

■ PUB112 INTRODUCTION TO OCCUPATIONAL 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, 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: IF87, PU40 **Campus offered:** KG
Credit points: 12 **Contact hours:** 3 per week

■ 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, PU40 **Campus offered:** KG
Credit points: 12 **Contact hours:** 3 per week

■ 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 (cardio-vascular 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, ED51, NA80 **Campus offered:** KG
Credit points: 12 **Contact hours:** 3 per week

■ PUB200 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

■ 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 **Campus offered:** KG
Credit points: 12 **Contact hours:** 4 per week

■ 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 **Credit points:** 12
Contact hours: 3 per week **Campus offered:** KG

■ 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 **Campus offered:** KG
Credit points: 12 **Contact hours:** 3 per week

■ 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

Campus offered: KG

Credit points: 12

Contact hours: 3 per week

■ 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, HM42, IF47, IF85, NA80, PU40, PU43

Credit points: 12

Contact hours: 4 per week

Campus offered: KG

■ 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

Credit points: 12

Contact hours: 4 per week

Campus offered: KG

■ 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

■ PUB307 ENVIRONMENTAL POLLUTION

Measurement, management and control of air, noise and water pollution.

Courses: IF87, PU40

Prerequisites: NRB300

Corequisites: PUB200

Campus offered: KG

Credit points: 12

Contact hours: 5 per week

■ 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: ED19, ED50, ED54, ED55, IF74

Prerequisites: 48 credit points in relevant discipline area

Credit points: 12

Contact hours: 4 per week

Campus offered: KG

■ 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, PU40

Campus offered: KG

Credit points: 12

Contact hours: 3 per week

■ 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

Campus offered: KG

Credit points: 12

Contact hours: 4 per week

■ 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: IF47, IF87, HL46, PU40, PU43

Prerequisites: PUB314

Campus offered: KG

Credit points: 12

Contact hours: 4 per week

■ 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, IF74

Campus offered: KG

Credit points: 12

Contact hours: 5 per week

■ 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: ED19, ED50, ED54, ED55, IF74

Prerequisites: PUB312

Campus offered: KG

Credit points: 12

Contact hours: 5 per week

■ 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, ie, 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

■ 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.

Courses: ED50, HL46, PU40, UO37

Credit points: 12

Contact hours: 3 per week

Campus offered: KG

■ 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

■ PUB341 NUTRITION EDUCATION

History and philosophy of nutrition education. Theoretical basis of nutrition education. Development, implementation and evaluation for nutrition education programs. Nutrition education for special groups. Evaluation of nutrition education literature.

Courses: ED50, HL46, IF74, PU40, PU43

Prerequisites: PUB201

Campus offered: KG

Credit points: 12

Contact hours: 4 per week

■ 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, HL46

Prerequisites: PUB105

Credit points: 12

Contact hours: 4 per week

Campus offered: KG

■ PUB352 OCCUPATIONAL HEALTH

Introduces the student to the basic concepts of toxicology and the body's responses to toxic substances. It examines the basic disease processes in humans and the various agents in the workplace capable of adversely affecting the health of workers. By equipping students with a knowledge of the disease process it is intended to extend students ability to manage and prevent risks to health in the workplace.

Courses: PU40

Prerequisites: LSB142

Credit points: 12

Contact hours: 5 per week

Campus offered: KG

■ 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, PU40

Campus offered: KG

Credit points: 12

Contact hours: 3 per week

■ PUB356 CLINICAL CLASSIFICATION 1

This unit introduces the development of skills in one of the major specialities of health information management: clinical classification of diseases and procedures using the International Classification of Diseases, 10th Revision, Australian Modification (ICD-10-AM). Clinical classification responds to internal and external demands for medical information, for example, in-house Research and education, ABS hospital morbidity data collections, and casemix information systems.

Courses: IF85, PU40

Campus offered: KG

Prerequisites: PUB220, LSB142, LSB361

Credit points: 12

Contact hours: 4 per week

■ 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

■ PUB380 CASEMIX MANAGEMENT

History and development of casemix classification systems; structure of DRGs; casemix applications in quality improvement, utilisation review, costing, planning and management; casemix and funding health care services; casemix classification systems for acute inpatients; data quality issues; casemix grouping software; current casemix initiatives and applications.

Courses: IF47, IF85, PU40

Campus offered: KG

Credit points: 12

Contact hours: 3 per week

■ 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

■ 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, PU43

Prerequisites: LSB308, PUB201

Credit points: 12

Contact hours: 4 per week

Campus offered: KG

■ 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 health promotion strategies available to a practitioner in the workplace. It 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: PU40

Prerequisites: PUB251

Credit points: 12

Contact hours: 4 per week

Campus offered: KG

■ 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 ob-

jectives 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, IF85, PU40

Credit points: 12

Campus offered: KG

Prerequisites: BSB112

Contact hours: 3 per week

■ 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 the 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

■ 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

Credit points: 12

Campus offered: KG

Prerequisites: LSB382

Contact hours: 3 per week

Semester offered: 2

■ PUB433 HEALTH CARE ECONOMICS

This unit applies the concepts, perspectives and analytical tools of the discipline of economics to the health sector. Initially microeconomic theories and analytical techniques relevant to the economic analysis of health/health care are presented. Topics include demand and supply analysis, economic characteristics of health care markets and demand for, and production of health/health care. Results from applied empirical analysis are presented to illustrate both the application of empirical techniques within the health sector, and as a basis for the explanation of economic phenomena. Topics progress to more applied economic analysis such as economic evaluation techniques and resulting economic incentives from the structure and financing of Australia's health care system.

Courses: IF47, PU40

Prerequisites: BSB113 or EPB150 or EPB116 or EPB104

Credit points: 12

Contact hours: 3 per week

Campus offered: KG

■ PUB456 CLINICAL CLASSIFICATION 2

Students will learn to abstract and interpret the information recorded in client/patient medical records. 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 on-site in an acute care setting. Students become proficient in the art of clinical classification using ICD-10-AM. [Not offered in 2001]

Courses: IF85, PU40

Credit points: 12

Campus offered: KG

Prerequisites: PUB356

Contact hours: 4 per week

■ 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.

Courses: ED50, HL42, PU43

Credit points: 12

Contact hours: 6 per week

Campus offered: KG

■ PUB477 CONSUMER RIGHTS & ADVOCACY

Focuses on the meaning of rights, their genesis, their exercise, their relationship to consumer satisfaction and quality, their consequences and their attendant responsibilities. Consumer advocacy is important in developing, protecting and extending rights and has the potential to contribute to policy development, improved delivery systems and social change.

Courses: HL46, PU40

Credit points: 12

Contact hours: 3 per week

■ 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

■ PUB484 INTRODUCTION TO ERGONOMICS

Introduces the ergonomics principles and methods related to work physiology and psychology of work behaviour. This includes the development of general appreciation of the normal structure and function of various physical and psychological systems. The subject examines the principles of work physiology, anthropometry and biomechanics as applied to various human machine systems and manual material handling jobs, along with human information processing, human error analysis, workplace assessment and design, handtool design, and the effect of physical factors such as lighting, noise and temperature extremes.

Courses: PU40

Credit points: 12

Campus offered: KG

Prerequisites: LSB142, PUB112

Contact hours: 4 per week

■ PUB485 INTRODUCTION TO OCCUPATIONAL HYGIENE

Applies the practical skills students have already obtained from Chemistry 1 and 2 and Physics 1 and 2 to the field of occupational hygiene. It is intended to introduce students to scientific information about occupational hygiene for recognition, evaluation and control of occupational hazards.

Courses: PU40

Credit points: 12

Campus offered: KG

Prerequisites: PCB242

Contact hours: 4 per week

■ PUB486 ETHICS & THE LAW IN HEALTH SERVICE DELIVERY

This unit enables students to develop an awareness of the ethical and legal issues associated with the public sector and health care in the pre-hospital care setting. This unit covers topics relating to the code of ethics, the code of conduct and the legislation unique to the emergency health services. The students will be required to apply content knowledge using the problem based learning strategy. Topics include: introduction to ethics; morality and ethical theory; bioethics; public sector ethics; overview of the Australian legal system; consent to and refusal of health care; duty of care; and confidentiality and record keeping.

Courses: PU40

Credit points: 12

Campus offered: KG

Prerequisites: PUB112

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 **Campus offered:** KG
Prerequisites: PUB233 and successfully completed 192 credit points
Credit points: 12 **Contact hours:** 3 per week

■ 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

■ 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, PU43 **Prerequisites:** PUB201, PUB314
Credit points: 12 **Contact hours:** 4 per week
Campus offered: KG

■ 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. Immunisation strategies, vaccine preventable diseases, management of Government run immunisation campaigns and health promotion programs will also be covered. Communicable diseases and the identification and investigation of these will be discussed at length.

Courses: IF87, PU40 **Campus offered:** KG
Prerequisites: LSB142, LSB415, PUB403
Credit points: 12 **Contact hours:** 4 per week

■ PUB511 HEALTH POLICY, PLANNING & 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, IF74, IF85, IF87, PU40, UO37
Prerequisites: 144 credit points completed
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG

■ 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, NA80, PU40 **Credit points:** 12
Campus offered: KG

■ PUB515 ENVIRONMENTAL & OCCUPATIONAL TOXICOLOGY

Humans have always live 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 years as a result of current or past exposure to chemical 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.

[Not offered 2001]

Courses: PU40

Credit points: 12

Campus offered: KG

Contact hours: 4 per week

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 which 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

■ PUB517 FOOD HYGIENE STUDIES

Food hygiene standards, food borne illnesses, food hygiene audits, licensing systems.

Courses: IF87, PU40

Prerequisites: LSB415 (and CNB171 for PU40 EVH major students)

Credit points: 12

Campus offered: KG

Contact hours: 4 per week

■ 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 **Campus offered:** KG

Prerequisites: PUB424 **Corequisites:** PUB523, PUB525
Credit points: 12 **Contact hours:** 3 per week

■ 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 **Campus offered:** KG

Credit points: 12

Contact hours: 3 per week

■ PUB524 PODIATRIC MEDICINE 3

Develops professional understanding of the general and specific effects of medical and surgical conditions on the human foot. Also expands the concept of total case management in terms of the interdisciplinary approach, including physical, mechanical and surgical techniques. Completion of this unit should enable students to consolidate the podiatrists role in the health care team across the spectrum of practice.

Courses: PU43

Prerequisites: PUB424

Credit points: 12

Campus offered: KG

Corequisites: PUB523

Contact hours: 16 (includes clinic work)

■ 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

Campus offered: KG

Credit points: 12

Contact hours: 3 per week

■ PUB541 MEDICAL NUTRITION THERAPY 1

Medical nutrition therapy 1 incorporates the best of a multidisciplinary, 'whole client' view of health care. The goals of MNT in preventative 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

■ PUB551 PROMOTING HEALTH IN FAMILIES

Students will be examining the family as a site for promoting and creating health. A life cycle approach will be the framework to discuss key issues such as wellbeing, health maintenance and health enhancement. How families can promote health amongst their members, with other families and within communities will be examined. The role of health professionals and the health system in enabling family action to promote health will be discussed.

Courses: IF74, PU40

Prerequisites: PUB349

Credit points: 12

Contact hours: 3 per week

Campus offered: KG

■ PUB553 PROFESSIONAL EXPERIENCE

This unit provides an opportunity to increase knowledge and level of understanding of health information management in health care facilities through direct observation and participation. The managerial role of the health information services with medical, administrative and allied health professionals, reinforcement of clinical classification skills by coding from medical records are major areas of study.

Courses: IF85, PU40

Campus offered: KG

Prerequisites: 16 units in HIM major including PUB456.

Credit points: 12

Contact hours: 6 per week

■ PUB557 HEALTH NEEDS OF INDIGENOUS AUSTRALIANS & OTHER POPULATIONS

The unit examines the health needs of a range of population 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: PU40

Prerequisites: PUB251

Credit points: 12

Contact hours: 3 per week

Campus offered: KG

Semester offered: 1

■ PUB584 ADVANCED ERGONOMICS

Principles and methods of cognitive ergonomics including industrial and organisational psychology; non traditional work schedules; job design and job satisfaction; display-control design; human-computer interface; computer modelling including the use of various biomechanics and posture analysis tools (2-D, RULA, OWAS, Assist and so on); fatigue analysis and use of various metabolic energy prediction models; strength testing techniques and repetitive trauma disorders.

Courses: PU40

Prerequisites: PUB484

Credit points: 12

Contact hours: 4 per week

Campus offered: KG

■ 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 successful monitoring program in the workplace.

Courses: PU40

Prerequisites: PCB414, PUB485

Credit points: 12

Contact hours: 4 per week

Campus offered: KG

■ 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

Campus offered: KG

Prerequisites: PUB298 and successful completion of practical component

Credit points: 12

Contact hours: 3 per week

■ PUB601 FAMILY LIFE & SOCIAL CHANGE

Addresses the issue of the development and maintenance of basic living skills within the family context. Students examine the structure of the family-household system and the ways by which families manage the tangible household resources of money, housing, food, fuel and transport as well as the intangible resources of time, energy and love

Courses: PU40

Prerequisites: PUB551

Credit points: 12

Contact hours: 3 per week

Campus offered: KG

■ PUB604 ENVIRONMENTAL HEALTH MANAGEMENT C

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

Campus offered: KG

Prerequisites: PUB510

Corequisites: PUB630

Credit points: 12

Contact hours: 4 per week

■ 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

■ PUB607 PROMOTING ORAL HEALTH

This unit aims to present oral health promotion as an emerging public oral health field of professional practice. The unit provides knowledge of both the theoretical and practical application of health promotion strategies in a range of contexts; it emphasises the links of oral health status with a number of 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.

Prerequisites: PUB203 can be taken as a prerequisite or corequisite

Credit points: 12

Contact hours: 3 per week

Campus offered: KG

■ PUB609 HEALTH ECONOMIC EVALUATION

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. [Not offered in 2001]

Courses: IF47, 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

Campus offered: KG

Credit points: 12

Contact hours: 4 per week

■ 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

■ PUB616 OCCUPATIONAL HEALTH & 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 HealthScience in Occupational Health and Safety.

Courses: PU40

Prerequisites: PUB516

Credit points: 12

Contact hours: 2 per week

Campus offered: KG

■ 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. 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

■ PUB623 DERMATOLOGY

An appreciation of the many varieties of skin lesions and their particular relevance when found in the lower limbs. Lectures in classification of skin disease, vascular reaction group, vasculitides, 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

Campus offered: KG

Prerequisites: PUB523, PUB524

Corequisites: PUB624

Credit points: 12

Contact hours: 3

■ 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

Campus offered: KG

Prerequisites: PUB524

Corequisites: PUB635

Credit points: 12

Contact hours: 16 (clinical work)

■ PUB628 ADVANCED FOOD STUDIES

Interpretation of food standards and food regulations. 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.

Courses: HL42, PU43

Campus offered: KG

Prerequisites: PUB474, PUB541

Corequisites: PUB641

Credit points: 12

Contact hours: 6 per week

■ 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

Campus offered: KG

Prerequisites: PUB403, PUB510, PUB517

Corequisites: PUB604

Semester offered: 2

Credit points: 12

Contact hours: 4 per week

■ PUB632 INDEPENDENT STUDY

An Independent Study allows students to study a topic which is not otherwise available as a formal unit, and to obtain credit for this towards their degree. Students have the opportunity to pursue their studies relatively independently and to develop and practice skills in problem identification, evaluation and critical thinking skills.

Prerequisites: 192cp

Credit points: 12

Contact hours: 1 per week

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

Campus offered: KG

■ PUB641 MEDICAL NUTRITION THERAPY 2

Medical nutrition therapy 2 builds on the extensive knowledge base of the theory and application of dietary treatment to disease and the principles of nutritional assessment development in Medical Nutrition Therapy 1.

Courses: HL42, PU43

Prerequisites: PUB541

Corequisites: PUB628

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: IF47, IF85, PU40

Campus offered: KG

Prerequisites: 16 units in the HSM major or 16 units in the HIM major

Credit points: 12

Contact hours: 3 per week

■ PUB678 CONSUMER PERSPECTIVES ON HEALTH

All members of the Australian population will be consumers of health care services during their lives. The view from the consumer side of the consumer-provider relationship is very different from the view from the provider side in terms of access to knowledge about conditions, services, standards and outcomes; power is also an issue. Consumers groups and self help groups have proved to be agents of change in the health system. Another group demanding recognition are carers who usually carry out their roles in the context of families. Courses which prepare students for professional roles in the health system emphasise provider perspectives in explicit and implicit ways and, therefore, this unit will provide a balance to those views.

Courses: PU40

Prerequisites: PUB477

Credit points: 12

Contact hours: 3 per week

Campus offered: KG

■ PUB695 INDUSTRIAL TRAINING EXPERIENCE

Ten to twelve months placement in paid employment related to the Occupational Health and Safety under the joint supervision of an industry supervisor and an academic adviser. The academic adviser obtains reports from the student and their work supervisor at regular intervals. The student is required to complete a progressive assessment program. Results are determined on the basis of reports, continuous assessment and the employers report.

Courses: PU40

Prerequisites: Completion of Years 1 and 2 of the Degree and a GPA of 4.5 or above

Credit points: 24

Campus offered: KG

■ 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, ie, assessment, planning, implementation and evaluation of nutritional care, for clients who have a variety of disease state. Students also need to have the opportunity to demonstrate basic skills in research and evaluation in relation to clinical outcome.

Courses: PU43

Prerequisites: PUB875

Credit points: 12

Campus offered: KG

■ 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, PUB624, PUB635

Credit points: 12

Contact hours: 3 per week

Campus offered: KG

■ 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

■ PUB728 CLINICAL MEDICINE 1

Students are expected to integrate knowledge and skills obtained from the hospital rotations in the specialist podiatry clinics at the university facility. They will undertake a leadership role with third year students by way of a mentor system in the specialist clinics. Students are expected to implement a range of complex treatments and a high level of patient care. Treatment for special needs groups is undertaken ie, children and adults with severe intellectual and physical disabilities, high risk patients with diabetes mellitus and peripheral vascular disease, immuno-suppressed patients. Students are introduced to advanced clinical care of paediatric foot disorders.

Courses: PU43

Campus offered: KG

Prerequisites: PUB624

Corequisites: PUB729

Credit points: 12

Contact hours: 3 per week

■ PUB729 PROFESSIONAL INTERNSHIP 1

Students will undertake a rotating roster through relevant hospital departments to gain important experience in the management of complex problems which manifest in the lower extremity. Most importantly, students will observe and develop critical problem solving skills in the broader environment of a primary teaching hospital. 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

Campus offered: KG

Prerequisites: PUB624

Corequisites: PUB728

Credit points: 12 **Contact hours:** 12 (includes clinic work)

■ PUB823 PRACTICE IN COMMUNITY NUTRITION

A four week practical placement off-campus where students gain experience in the nutrition and health care of groups in a variety of community, workplace and school settings.

Courses: HL42, PU43

Campus offered: KG

Prerequisites: Successful completion of all Year 3 units

Credit points: 12

Contact hours: 3 per week

■ 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 Year 3 units

Credit points: 12

Campus offered: KG

■ 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 **Campus offered:** KG
Credit points: 12 **Contact hours:** 3 per week

■ PUB827 SPORTS MEDICINE

The importance of a multidisciplinary approach to the diagnosis, evaluation and treatment of sports injuries. Students study the symptomatology 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

■ PUB828 CLINICAL MEDICINE 2

Students will be expected to further integrate and apply additional knowledge obtained from the final hospital 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. Examples include the clinical assessment of trauma fracture and vascular reconstruction. In addition, specialist paediatric clinic will provide the student with specialist skills in the treatment of developmental disorders and conditions.

Courses: PU43 **Campus offered:** KG
Prerequisites: PUB728 **Corequisites:** PUB829
Credit points: 12 **Contact hours:** 3 per week

■ PUB829 PROFESSIONAL INTERNSHIP 2

Students undertake a rotating roster through relevant hospital departments to gain important experience in the management of complex problems which manifest in the lower extremity. Students will observe and develop critical problem solving skills in the broader environment of primary teaching hospital environment. 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. Three teaching hospitals are used in this model.

Courses: PU43 **Campus offered:** KG
Prerequisites: PUB729 **Corequisites:** PUB828
Credit points: 12 **Contact hours:** 12 (clinical work)

■ PUB875 PROFESSIONAL PRACTICE

This unit is undertaken by students in the family and consumer studies, public health, and nutrition and dietetics strands of the Bachelor of Health Science. It provides students with the opportunity of working in one or a number of placements in a professional capacity in an area of interest to the student. It provides an opportunity for students to apply the knowledge and skills acquired through their course to a practical problem or workplace situation.

Courses: HL42, HL46, PU40, PU43
Prerequisites: FCS major: PUB551; 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

■ PUN001 CONTEMPORARY RISK MANAGEMENT

An introduction to the risk management process as outlined in AS/NZS 4360 Risk management. The unit concentrates on the context of risk management and introduces the student to the concepts which will be explored further in the units PUN008, PUN009 and EFN418. The structure of the

organisation, its environment and the potential loss exposures are examined in some detail.

Courses: HL38, HL68, HL88, IF88, PU65
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, PU65
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, HL90, IF88
Prerequisites: PUN008
Credit points: 12
Campus offered: KG **Semester offered:** 1

■ PUN103 ADVANCED EPIDEMIOLOGY

Rather than introducing a variety of statistical methods, this advanced unit will be aimed at mastery of a few fundamental concepts. Currently, there is 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 research literature, for design of efficient research studies, and to inform appropriate interpretation of research results at a 'best practice' level.

Courses: HL90 **Prerequisites:** HLN705 or PUB316
Credit points: 12 **Contact hours:** 3 per week
Campus offered: KG **Semester offered:** 2

■ PUN104 APPLIED QUALITATIVE RESEARCH METHODS

An increasing amount of research in public health is making use of qualitative approaches from one or two open response questions on a questionnaire to focus groups and extensive interviews. While their use in other disciplines like education and sociology is well established, their relative novelty in public health suggests that we need to improve our understanding of these methods in order to critically assess the literature and, of course, to undertake methodologically sound research. This unit will provide students with an understanding of and experience in a range of methods commonly used in qualitative research approaches. (Not offered 2001)

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 princi-

ples 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

Credit points: 12

Contact hours: 3 per week

Incompatible with: This unit is not available for graduates of the BHlthSc at QUT

Campus offered: KG

Semester offered: 2

■ PUN200 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: HL88, HL90

Prerequisites: 72 credit points in advanced studies

Credit points: 12

Contact hours: 3 per week

Campus offered: KG

■ PUN201 ADVANCED PROFESSIONAL STUDIES

This unit is suitable for health science practitioners wishing to extend their studies to advanced post graduate level, in an area of interest particular to the individual student. There is a need to be able to develop advanced practitioner skills, to develop interdisciplinary approaches and to consolidate advanced skills in terms of health care delivery. This unit is designed to allow small groups of 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. [Not offered 2001]

Courses: HL90

Credit points: 12

Prerequisites: 72 credit points advanced studies

Campus offered: KG

Semester offered: 2

■ 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: HL38, HL68, HL88, PU65

Credit points: 12

Contact hours: 3 per week

Campus offered: KG

■ PUN302 DETERMINANTS OF WORKPLACE INJURY & DISEASE

Provides students with and 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, HL90, PU65

Prerequisites: PUN301 can be taken as a prerequisite or corequisite

Credit points: 12

Contact hours: 3

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

Campus offered: KG

Credit points: 12

Contact hours: 3 per week

■ 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 level, the role of consumers, pressure groups and lobbyists and the influence of the medical on health policy.

Courses: HL68, HL88, HL90, IF64

Campus offered: KG

Credit points: 12

Contact hours: 3 per week

■ PUN602 HEALTH PLANNING, MANAGEMENT & EVALUATION

Application of the theory and principles of planning, management and evaluation to health services: a detailed analysis of health services planning techniques; information requirements and decision making for the strategic management of health services; the principles of financial and personnel management required for the effective development and utilisation of health care; process and program evaluation in health services; the appreciation of evaluation research and cost-effectiveness.

Courses: HL90

Prerequisites: PUN692, PUN610

Credit points: 12

Contact hours: 3 per week

Campus offered: KG

Semester offered: 2

■ PUN603 ENVIRONMENTAL & POPULATION HEALTH

This subject deals with the latest developments in public health and officers an ecological framework which allows for an integrated approach to advancing environment and population health. Part one explains the rationale, theories and concepts necessary to deal with population health and health determinants. Part two points out major challenges of environment and health into the 21st Century. Part three proposes strategies to deal with these challenges, and the final part points to the future directions and presents an ecological public health model to guide practices.

Courses: PU85

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: HL90

Prerequisites: PUN692

Credit points: 12

Contact hours: 3 per week

Incompatible with: PUB433

Campus offered: KG

■ 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, HL90, PU60, PU85

Prerequisites: PUN692

Campus offered: KG

Credit points: 12

Contact hours: 3 per week

■ PUN614 HEALTH PROMOTING SCHOOLS

This subject deals with the principles and methods of planning for health development in the community and combines principles, concepts and theories of planning with a specific focus on the 'health promoting school'. It provides a background for the development of needs-based community health services with an emphasis on intersectoral planning and collaboration. The focus of the unit will be upon the school as a community.

Courses: HL90

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 level.

Courses: HL90

Credit points: 12

Prerequisites: PUN610

Contact hours: 3 per week

Campus offered: KG

Semester offered: 2

■ PUN616 ECONOMIC EVALUATION IN HEALTH CARE

This unit provides an in-depth analysis of various economic evaluation techniques and their application to health care provision. Economic evaluation techniques analyse the relative efficiency of alternative resource allocations in terms of their costs and consequences. Results from economic evaluations are increasingly being demanded by decision-makers, and hence knowledge of the techniques will be a valuable asset for those involved in the provision of health care. Topics covered in the unit will include the theoretical foundations of economic evaluation, an analytical description of different economic evaluation techniques, evaluation of the strengths and limitations of the different techniques, and the role of economic evaluation in resource allocation decisions.

Courses: HL90

Credit points: 12

Prerequisites: PUN608

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, HL90, PU60, PU85

Credit points: 12

Contact hours: 3 per week

Campus offered: KG

■ 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 which 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, HL90

Campus offered: KG

Credit points: 12

Contact hours: 3 per week

■ 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 ecologically sustainable development and environmental health promotion. It will apply these principles to areas such as air pollution, food hygiene, communicable diseases 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

Campus offered: KG

Credit points: 12

Contact hours: 3 per week

■ PUN692 HEALTH CARE DELIVERY SYSTEMS

This unit adopts the broad objectives of effectiveness, efficiency and equity with which to analyse health care delivery systems. The unit consists of three separate modules which examine health care delivery systems from different perspectives. Module 1 is an introductory module which overviews the structural and functional components of health care delivery, and defines the concepts of effectiveness, efficiency and equity. The Australian health care system is compared with those operating in both developed and developing countries. Module 2 introduces economic concepts and tools of analysis which primarily consider efficiency aspects of health care delivery. Lastly module 3 analyses the management aspects of health care delivery within the context of change.

Courses: PU60, PU85

Campus offered: KG

Credit points: 12

Contact hours: 3 per week

■ PUN702 SOCIAL & 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. Students will become familiar with the broad context in which public health practice is carried out. They will be aware of the way in which the social, economic, political, environmental and cultural conditions impact upon the behaviour of individuals and groups and the choices that individuals make about 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

Campus offered: UQ

Contact hours: 3 per week

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

Campus offered: KG

Credit points: 12

Contact hours: 3 per week

■ 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. This 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, HL90

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

Credit points: 12

Contact hours: 3 per week

Campus offered: KG

Semester offered: 2

■ PUP036 CONCEPTS & SETTINGS FOR HEALTH PROMOTION

Examines 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

Credit points: 12

Contact hours: 3 per week

Campus offered: KG

Semester offered: 2

■ PUP116 ERGONOMICS

The relationship between the worker, the work environment and the work space. Occupational ill-health and injury arise

from a lack of fit between the capabilities of workers and the design of the working environment, the work processes and the physical and mental demands 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, PU65

Credit points: 12

Campus offered: KG

Prerequisites: PUN301

Contact hours: 3 per week

■ 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, HL90, PU65

Prerequisites: PUP415

Credit points: 12

Campus offered: KG

Contact hours: 3 per week

■ 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: HL90, PU65

Campus offered: KG

Prerequisites: PUN301 can be taken as a prerequisite or corequisite

Credit points: 12

Contact hours: 3 per week

■ PUP511 OCCUPATIONAL HEALTH MANAGEMENT

The occupational health nurse is responsible for planning, implementing and evaluating the occupational health program, that is, managing the occupational health service, within a healthy working environment. The unit will review the role of the occupational health nurse and provide skills in health assessment, health surveillance and medication management. The legal and ethical issues impinging on the practice of the occupational health nurse will be reviewed as will issues relating to workplace education, training, research and counselling.

Courses: HL68, HL88, PU65

Credit points: 12

Campus offered: KG

Contact hours: 3 per week

■ PYB000 APPLIED SKILLS & SCHOLARSHIP

This unit is a compulsory first year requirement for students enrolled in a Bachelor of Psychology degree. It focuses on the development of a number of generic competencies which are important outcomes of all QUT undergraduate courses. The unit provides a skills basis upon which subsequent units in the various courses will build. Therefore, the unit is an essential first stage in the development of key skills and understandings at the tertiary level.

Courses: PY07

Credit points: 12

Campus offered: CA

Semester offered: 1 & 2

■ PYB007 INTERPERSONAL PROCESSES & SKILLS

Links between psychological research, personal insight and skill development underpin the focus of this unit. Insight about personal and social perception and its impact on interpersonal communication is an early focus of this unit. It develops an understanding of interpersonal communication and gives students the opportunity to build fundamental skills. Three general themes of the course are gender, culture and power, and these will be emphasised each week. The unit is designed to give students maximum opportunity to direct their own learning and make their own applications. As well as lectures and readings from the text, students will be in smaller workshops

for 1 hour each week to provide an opportunity for skill practice and experiential learning.

Courses: Faculty foundation unit

Credit points: 12

Contact hours: 3 per week

Incompatible with: PYB052 **Campus offered:** GP and CA

■ PYB011 GENERAL PSYCHOLOGY

This unit aims to introduce students to psychological theory relevant to practising health professionals examining, in particular, the areas of social and interpersonal psychology, stress and stress management, and health psychology. It teaches practical interpersonal communication skills relevant to dealing with clients and other health professionals.

Courses: OP42

Credit points: 4

Contact hours: 2 per week

Campus offered: KG

Semester offered: 2

■ PYB012 PSYCHOLOGY

Psychological theories and methods of investigation are examined in the areas of research approaches, learning and motivation, perception, human development, stress, intelligence, personality, social influence and the brain and nervous system.

Courses: All courses

Credit points: 12

Contact hours: 3 per week

Incompatible with: PYB071, PYB101

■ 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

Prerequisites: HUB133 (previously SSB969)

Credit points: 12

Contact hours: 3 per week

Campus offered: CA

Semester offered: 2

■ PYB052 INTERPERSONAL COMMUNICATION

Introduces skills and processes of interpersonal relating as modified by culture, gender and power. Microskills are developed including building rapport, reflective listening and 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: HS07, SS60

Credit points: 12

Contact hours: 3 per week

Incompatible with: PYB007

Campus offered: CA

■ 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: HS0, IF52, IF54, IS43, IT20, SS60

Credit points: 12

Contact hours: 3 per week

Incompatible with: PYB303

Campus offered: KG/GP

■ PYB067 HUMAN SEXUALITY

Sexuality; model strategies for dealing appropriately with sensitive, value-laden issues; personal comfort in discussion of sexual matters; aspects of sexuality relevant to the student's own development; the sexual development of adolescents; issues of social concern such as sexual abuse of children.

Courses: ED50, SS60, HU22, PY07

Credit points: 12

Contact hours: 3 per week

Campus offered: CA

Semester offered: 2

■ PYB071 INTRODUCTION TO PSYCHOLOGY & HEALTH CARE

Introduces the principal content areas and methodology of psychology. An understanding of the general principles of psychology should equip the student to have greater awareness of the human dimension in health care practice.

Courses: NS40

Credit points: 12

Contact hours: 3 per week

Incompatible with: PYB012, PYB101 **Semester offered:** 1

■ PYB086 INTERPERSONAL & GROUP PROCESSES

Understanding relationships and small group dynamics with emphasis on skill development in listening, helpful responding, assertion, conflict resolution, disclosure, feedback; models of group development and roles lead to facilitation and leadership skills. Skills are applied and analysed outside the class.

Credit points: 12

Contact hours: 3 per week

Campus offered: KG

Semester offered: 2

■ PYB101 INTRODUCTION TO PSYCHOLOGY 1A

Introduces students to the study of psychology as the scientific study of human behaviour and to the nature of this science, its methods, concepts and theories. Provides an introduction to the areas of developmental psychology, social psychology, individual differences and psychopathology.

Courses: PY07

Credit points: 12

Contact hours: 3 per week

Incompatible with: PYB012, PYB071

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 unit introduces students to current issues relevant to alcohol and drugs use in Australian society. Additionally the unit

aims to familiarise students with a number of key issues that pertain to specific drug using groups within the community.

Courses: PY07

Credit points: 12

Contact hours: 3 per week

Incompatible with: PYB159

■ PYB159 ALCOHOL & OTHER DRUG STUDIES

A second or third year elective giving attention to the following: what is a drug?; an overview of licit and illicit drugs; models of use; assessment; and intervention strategies, theories and research into dependency, historical examples of drug use; Australian drug use; social reinforcement of drug use; gender issues; cultural issues; physiology of drug use; legal issues; mythology and drug use.

Courses: HS07, HU22, PY07, SS60

Prerequisites: 92 Credit Points

Credit points: 12

Contact hours: 3 per week

Incompatible with: PYB158

Campus offered: Semester 1 – CA; Semester 2 – KG

Semester offered: 1, 2

■ 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

Incompatible with: PYB057

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

Incompatible with: PYB051

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

Campus offered: CA

Prerequisites: PYB012, or PYB101, or PYB102

Credit points: 12

Contact hours: 3 per week

■ PYB208 COUNSELLING THEORY & PRACTICE 1

Develops skills and understanding of processes associated with counselling; theoretical bases of major counselling approaches; counselling skills of the major approaches; re-authoring and deconstructionist perspectives; ethical, gender and cultural issues in counselling; crisis counselling; change processes in counselling.

Courses: PY07

Prerequisites: PYB007 or PYB052

Credit points: 12

Contact hours: 3 per week

Campus offered: CA

Semester offered: 1

■ 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: HU22, 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

Credit points: 12

Prerequisites: PYB007, PYB052 or equivalent

Contact hours: 1 week intensive between semesters

■ 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 pharmacokinetics, and discussion of research methods used to investigate psychopharmacological effects of drugs on behaviour. Subsequent classes will address the history and origin of the more commonly used addictive substances, routes of administration, patterns of distribution and excretion, neuropharmacology, and effects of acute and chronic adminis-

tration. 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 (eg: methadone, naltrexone etc) and in the treatment of mental illness.

Courses: PY07 **Campus offered:** CA
Credit points: 12 **Contact hours:** 3 per week

■ PYB302 INDUSTRIAL & ORGANISATIONAL PSYCHOLOGY

Psychological research underpins the focus of this unit. It expands on the cited prerequisite unit, and develops an understanding of individual and group behaviour in organisations and community groups. It extends and deepens understanding in selected areas such as selection and appraisal, leadership, human factors in job design and performance, group work and personal motivation, personnel training and organisational development. The links between research and practise are a focus of this course.

Courses: PY07 **Prerequisites:** PYB205, PYB110
Credit points: 12 **Contact hours:** 3 per week
Campus offered: CA

■ 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 **Incompatible with:** PYB057
Prerequisites: 36 credit points of second or third year Psychology units

Credit points: 12 **Contact hours:** 3 per week
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 PERSONALITY & PSYCHOPATHOLOGY

The first part of this unit provides an overview of some of the major personality theorists and theories in order to develop an understanding of contemporary approaches to normal personality function. The second part outlines problems in psychological functioning and reviews of research and theory relating to the major classes of mental disorder identified in DSMIV, the diagnostic and classification manual most frequently employed in Australia and the United States.

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, psy-

chometric, 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 **Campus offered:** CA
Prerequisites: 36 credit points of 2nd and 3rd year Psychology units
Credit points: 12 **Contact hours:** 3 per week

■ 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 (SSB950)
Credit points: 12 **Contact hours:** 3 per week
Campus offered: CA **Semester offered:** 2

■ PYB353 OCCUPATIONAL & VOCATIONAL PSYC

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 **Campus offered:** CA
Prerequisites: 36 credit points of second or third year psychology units

Credit points: 12 **Contact hours:** 3 per week

■ PYB356 COUNSELLING THEORY & PRACTICE 2

This unit concentrates on the counselling relationship as interpersonal, covenantal and contractual, encompassing issues of power and intimacy. These relationship factors are common to all theoretical approaches. The unit highlights the personal attributes of the therapist, building awareness within the boundaries of the professional setting. It raises awareness of ethical issues, such as transparency, immediacy, culture and responsibilities. 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:** 2

■ **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**

Major concepts of systemic theory as applied to families; major models of family therapy, for example structural, strategic, systemic, solution focused; assessment of family structures and dynamics; using therapeutic teams, for example reflecting team; contemporary issues in family work, for example gender, ethnicity, changing family foundations; specific ethical issues, for example confidentiality, record keeping, interaction with other systems, referral management; family dynamics.

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 focusses 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
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 UNDERSTANDING ROAD USER 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 pedes-

trians. 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 MODIFYING ROAD USER BEHAVIOUR**

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**

Students select a research topic and design and conduct a related research program using appropriate quantitative/qualitative methods of analysis. This unit consists of four parts which must be completed satisfactorily, leading to the submission of a research thesis. This research is reported in a written thesis in APA fourth edition format. Assessment of the thesis will be in accordance with University assessment procedures.

Courses: PY09

Credit points: 12 **Contact hours:** 3 per week

■ **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 (SSB951) or equivalent

Credit points: 12 **Contact hours:** 3 per week
Campus offered: CA **Semester offered:** 1

■ **PYB402 COUNSELLING PSYCHOLOGY**

Introduces students to the field of counselling psychology by focusing on selected major theoretical approaches such as cognitive-behavioural, psychodynamic, solution-focused and narrative therapies. The critical examination of these approaches is used as the basis for introducing issues of practice, ethics and research in counselling psychology. Assessment is by examination and a written assignment.

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, and PYB311

Credit points: 12 **Contact hours:** 3 per week

Campus offered: CA **Semester offered:** 1

■ PYB404 ADVANCED SOCIAL & DEVELOPMENTAL PSYCHOLOGY

Examines (1) how individual development and developmental issues impact on the individual and the individuals role in the family and wider social environment and (2) how the family and wider social environment affect the development of the individual. On the completion of this unit students will have sound knowledge regarding physical, cognitive and social development; social, economic and cultural factors in development and understand the theory and methodology when investigating developmental-social interactions.

Courses: PY09

Prerequisites: 3 years of psychology and PYB203 (SSB913) or equivalent

Credit points: 12 **Contact hours:** 3 per week

■ 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

■ PYB407 RESEARCH & 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 (SSB991)

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.

Credit points: 12 each (36 in total)

■ PYB454 THE 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: PY09, PY20

Campus offered: CA

Credit points: 12 **Contact hours:** 3 per week

■ PYB460 ADVANCED INTERVENTIONS FOR ADDICTIVE BEHAVIOURS

Addictive behaviours in the form of alcoholism, substance abuse and gambling are recognised as major problems nationally and internationally. The purpose of this unit is to focus extensively on the psychological aspects of addictive behaviours. This unit is designed to build on undergraduate training in the area of addiction studies. It aims to develop a thorough understanding of the symptomatology, etiology, co-morbidity, risk factors and assessment of alcoholism, gambling and drug dependence. There will be a very strong focus on intervention. Individual, group and community-based interventions, response prevention and case management will be taught. The emphasis is not only on the theoretical understanding of addictive behaviours, but also on providing specific skills and competencies to the students in order to enable them to work in alcoholism, drug addiction and gambling settings.

Courses: PY09, PY20

Credit points: 12

Campus offered: CA

Prerequisites: PYB360

Contact hours: 3 per week

Semester offered: 2

■ PYN000 COUNSELLING STUDIES 1

Provides a conceptual overview of the history of counselling and the most significant contemporary developments in the field; selected models of brief problem-oriented and solution-focused therapies, and their application across a variety of counselling contexts; the analysis of human problems in lifespan developmental and social contexts, and on the conceptual understanding, practical skills, and critical evaluation of the above therapeutic approaches.

Courses: PY12

Credit points: 12

Campus offered: CA

Contact hours: 3 per week

Semester offered: 1

■ PYN001 PROFESSIONAL STUDIES 1

The development of foundational interpersonal and relationship-building skills are viewed as central to the counselling process, regardless of theoretical orientation. Interpersonal counselling relationship-building skills and insights are developed through the medium of small group work. Therapeutic factors common to all counselling approaches are examined and ethical issues associated with power, gender, culture, boundaries etc are critically reviewed.

Courses: PY12

Credit points: 12

Campus offered: CA

Contact hours: 3 per week

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

Credit points: 12

Campus offered: CA

Prerequisites: PYN000

Contact hours: 3 per week

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

Credit points: 12

Campus offered: CA

Prerequisites: PYN001

Contact hours: 3 per week

Semester offered: 2

■ PYN004 COUNSELLING STUDIES 3

The theory and research relating to family / couple developmental transitions, contemporary changes to family life, and

the field of relational or systemic therapies. A selective emphasis is made on models which build on the knowledge and skills developed in PYN000 and PYN002. Major emphases will include solution-oriented, psychodynamic and Process / Experiential approaches to relationship counselling.

Courses: PY12

Credit points: 12

Campus offered: CA

Prerequisites: PYN002

Contact hours: 3 per week

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

Credit points: 12

Campus offered: CA

Prerequisites: PYN001

Contact hours: 3 per week

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 student will have the experience of being supervised using one of five major counselling supervision approaches: Solution-Oriented, Narrative, Process-Experiential, Analytic and Group-Developmental. Professional issues commonly addressed in supervision such as power, gender, culture, consent, duty of care etc are reviewed.

Courses: PY12

Credit points: 12

Campus offered: CA

Prerequisites: PYN001

Contact hours: 3 per week

Semester offered: 1

■ PYN007 PROFESSIONAL STUDIES 3

This unit builds on the skills presented in PYN006 by enabling students to practise professional supervision skills across five major theoretical approaches: Solution-Oriented, narrative, Analytic, Group-Developmental and Process-Experiential.

Courses: PY12

Credit points: 12

Campus offered: CA

Prerequisites: PYN006

Contact hours: 3 per week

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 15000 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

Credit points: 12 for each section

Contact hours: 3 per week equivalent

Campus offered: CA

Prerequisites: PYN005

■ 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

Credit points: 12

Campus offered: CA

Prerequisites: PYN000

Contact hours: 3 per week equivalent

■ 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: PYB992 or other counselling psychology

courses approved by course coordinator

Credit points: 12

Contact hours: 3 per week

Campus offered: CA

■ 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

Credit points: 12

Campus offered: CA

Prerequisites: PYB306 or equivalent

Contact hours: 3 per week

Semester offered: 1

■ PYN029 ADVANCED COUNSELLING PSYCHOLOGY II

This core unit like PYN026 provides the fundamental theoretical and applied approach of counselling psychology. The emphasis in this unit is upon couple, family and group contexts.

Courses: PY17

Credit points: 12

Campus offered: CA

Prerequisites: PYN026

Contact hours: 3 per week

■ PYN030 ETHICAL, LEGAL & 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

Credit points: 12

Campus offered: CA

Prerequisites: PYN026

Contact hours: 3 per week

■ PYN031 RESEARCH THESIS

In completing the thesis, students will be expected to demonstrate competency in critical and analytic thought, on the one hand, and research-related skills, on the other, in a context that may make a contribution to the literature of Counselling Psychology. The unit will be divided into four 12 credit point sections which will be PYN031/1, PYN031/2, PYN031/3, PYN031/4.

Courses: PY17

Campus offered: CA

Credit points: 48

■ PYN033 UNDERSTANDING & 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

Credit points: 12

Campus offered: CA

Corequisites: PYN029

Contact hours: 3 per week

■ PYN035 SUPERVISED PRACTICUM

This core unit of the Master of Counselling Psychology course provides students with exposure to settings where counselling is the most frequently used therapeutic procedure. This unit will consist of supervised client contact.

Courses: PY17

Prerequisites: PYN030

Credit points: 12

Contact hours: 3 per week

Campus offered: CA

■ PYN036 SUPERVISED PRACTICUM 2

This core unit of the Master of Counselling Psychology is intended to expose students to further in-depth experience of counselling psychology by focusing on placements.

Courses: PY17

Prerequisites: PYN035

Credit points: 12

Contact hours: 3 per week

Campus offered: CA

■ 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

■ 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

■ 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 OF HYPNOSIS: GENERAL & DISCIPLINE BASED

Expands on the groundwork of PYP302 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

Contact hours: 3 per week

Campus offered: CA

Semester offered: 2

■ PYP302 CLINICAL APPLICATIONS OF HYPNOSIS: GENERAL & 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

Campus offered: CA

Credit points: 12

Semester offered: 2

■ PYP303 CLINICAL APPLICATIONS OF HYPNOSIS: DISCIPLINE BASED

Expands on the groundwork of PYP302 (SSP302) 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, psychology, speech therapy, social work, nursing, physiotherapy or occupational therapy. 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 are addressed.

Courses: PY30, PY31, PY32

Credit points: 12

Contact hours: 3 per week

■ 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 and 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 ba-

sics of information retrieval, road crash analysis and interpretation, and the strategic development of road safety counter-measures.

Courses: PY40, PY41 **Contact hours:** 3 per week
Campus offered: CA **Semester offered:** 1

■ PYP402 UNDERSTANDING ROAD USER BEHAVIOUR

This unit will review the wide range of factors that influence the behaviour of road users, particularly those that contribute to the incidence of road crashes or exacerbate their severity. It will consider all types of road users, including motor vehicle drivers and passengers, motorcycle riders, cyclists and pedestrians. A range of theoretical models will be examined which have been used to explain the behaviour of road users.

Courses: PY40, PY41 **Contact hours:** 3 per week
Credit points: 12 **Semester offered:** 1
Campus offered: CA

■ PYP404 MODIFYING ROAD USER BEHAVIOUR

This unit will review the various strategies and programs designed to modify road user behaviour. Effective and ineffective approaches will be compared, in order to identify the key characteristics of successful programs. While this is a stand-alone unit, it extends many of the theoretical and practical issues covered in PYP402 Understanding Road User Behaviour.

Courses: PY40, PY41 **Contact hours:** 3 per week
Credit points: 12 **Semester offered:** 2
Campus offered: CA

■ 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 **Contact hours:** 3 per week
Credit points: 12

■ 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

■ PXY071 INTRODUCTION TO PSYCHOLOGY & HEALTH CARE

Introduces the principal content areas and methodology of psychology. Topics include: developmental theory; perception and cognition; personality; emotions, stress, anxiety and coping; self-esteem and self-identity and learning.

Courses: HL12 **Contact hours:** 4 per week
Credit points: 12 **Semester offered:** 1
Campus offered: KG

■ QCD105 COMPUTING & STUDY SKILLS

This unit introduces international students to personal computing within QUT and helps them to adjust to tertiary study in Australia. The unit covers: access to the QUT network; Microsoft Windows; email; internet; word processing and presentation. It also focuses on motivation, goal setting, time management, assignment planning, research & reading skills and study strategies.

Courses: BS40 and IT10
Credit points: nil **Contact hours:** 3 per week for 3 weeks
Campus offered: KG **Semester offered:** 1, 2, SP

■ 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 **Campus offered:** KG
Credit points: 12 **Contact hours:** 4 per week

■ QCD120 COMMUNICATION FOR INFORMATION TECHNOLOGY 1

Focuses on the macro-skills of listening, reading, writing and speaking; establishes techniques for extending vocabulary; uses spoken and written texts of an academic nature to summarise, analyse, make inferences and recognise key concepts; incorporates strategies for effective group participation in a cross-cultural context; helps students learn techniques for writing successfully in genres appropriate to their field of study.

Courses: IT10 **Contact hours:** 4 per week
Credit points: 12 **Semester offered:** 1, 2, SP
Campus offered: KG

■ QCD210 COMMUNICATION FOR BUSINESS 2

This unit further explores lexicogrammatical items and generic structure to primarily promote the 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 **Prerequisites:** QCD110
Credit points: 12 **Contact hours:** 4 per week
Campus offered: KG **Semester offered:** 1, 2, SP

■ QCD220 COMMUNICATION FOR INFORMATION TECHNOLOGY 2

This unit further explores lexicogrammatical items and generic structure to primarily promote the 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, SP

■ 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; Aboriginality, a brief review of Australian history; the family and multiculturalism; on line literacy; Microsoft

Word; study skills and examination techniques. (* Subject to final approval.)

Courses: Foundation **Credit points:** 0
Campus offered: KG **Semester offered:** 1, 2, SP

■ 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: Foundation **Contact hours:** 6 per week
Credit points: 0 **Semester offered:** 1, 2, SP
Campus offered: KG

■ QCF113 COMMUNICATION EXTENSION

An English language support unit for international 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.

Courses: Foundation **Contact hours:** 2 per week
Credit points: 0 **Semester offered:** 1, 2, SP
Campus offered: KG

■ QCF114 AUSTRALIAN STUDIES 1

Designed to (i) familiarise international students with Australian culture and way of life and (ii) promote the skills required for successful academic learning.

Courses: Foundation **Contact hours:** 4 per week
Credit points: 0 **Semester offered:** 1, 2, SP
Campus offered: KG

■ 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: Foundation **Contact hours:** 4 per week
Credit points: 0 **Semester offered:** 1, 2, SP
Campus offered: KG

■ 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: Foundation **Contact hours:** 4 per week
Credit points: 0 **Semester offered:** 1, 2, SP
Campus offered: KG

■ QCF122 ORGANISATIONS & MANAGEMENT *

The unit is designed to provide international 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. (* Subject to final approval.)

Courses: Foundation **Contact hours:** 4 per week
Credit points: 0 **Semester offered:** 1, 2, SP
Campus offered: KG

■ QCF131 COMPUTING 1

This unit is designed to provide international students with the computing skills necessary for accessing, organising and presenting information, and also knowledge of the university computing facilities, services, procedures and culture. It also allows students to develop judgement and discipline in relation to gathering, storing and retrieving information.

Courses: Foundation **Contact hours:** 4 per week
Credit points: 0 **Semester offered:** 1, 2, SP
Campus offered: KG

■ 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: Foundation **Contact hours:** 5 per week
Credit points: 0 **Semester offered:** 1, 2, SP
Campus offered: KG

■ QCF151 INTRODUCTION TO SCIENCE

Introduces students to scientific study and research processes and the basic principles underlying Chemistry, Physics and Life Science within a global context; the ordered universe, Energy, Heat and the second law of thermodynamics, Electricity and Magnetism, Waves and Electromagnetic Radiation, The Atom, The Chemical Bond, Ecology, Strategies of Life, Molecules of Life, The Cell, Genetics and Evolution.

Courses: Foundation **Contact hours:** 5 per week
Credit points: 0 **Semester offered:** 1, 2, SP
Campus offered: KG

■ QCF153 PHYSICAL SCIENCES 1 *

Introduces students to scientific study and research processes and the basic principles underlying Physics and Chemistry; Heat and Temperature; Geometric properties of light; Reflection and refraction; 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. * Subject to final approval.

Courses: Foundation **Contact hours:** 5 per week
Credit points: 0 **Semester offered:** 1, 2, SP
Campus offered: KG

■ 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: Foundation **Contact hours:** 5 per week
Credit points: 0 **Semester offered:** 1, 2, SP
Campus offered: KG

■ 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. * Subject to final approval.

Courses: Foundation **Contact hours:** 5 per week
Prerequisites: QCF111 or equivalent studies
Credit points: 0 **Semester offered:** 1, 2, SP
Campus offered: KG

■ QCF212 COMMUNICATION 2

The promotion of clear and concise writing in particular genres (essays, assignments and reports) pertinent to undergraduate study; mastery of basic primary and secondary research skills related to assignment tasks; effective oral communication in seminar presentations and tutorial discussion; effective

listening in lecture situations and answering exam questions with an awareness of relevance and time management.

Courses: Foundation

Prerequisites: QCF112 or equivalent studies

Credit points: 0

Contact hours: 5 per week

Campus offered: KG

Semester offered: 1, 2, SP

■ QCF213 AUSTRALIAN STUDIES 2

Designed to introduce international students to Australian culture and current issues; arts/science/technology; immigration; multi-cultural Australia; race relations; religions; society and environment; education in Australia; law; foreign policy; and the future.

Courses: Foundation

Prerequisites: QCF114 or equivalent studies

Credit points: 0

Contact hours: 4 per week

Campus offered: KG

Semester offered: 1, 2, SP

■ QCF220 ACCOUNTING 2

This unit examines various accounting sub-systems such as 10 column worksheets, control accounts and subsidiary ledgers; inventory and fixed asset systems; accounting for credit transactions; budgeting, cash flow and financial analysis techniques useful for management.

Courses: Foundation

Prerequisites: QCF120 or equivalent studies

Credit points: 0

Contact hours: 5 per week

Campus offered: KG

Semester offered: 1, 2, SP

■ QCF221 ECONOMICS 2

This unit introduces students to the study of macro economics. Units studied include the five sector model, the trade cycle, inflation and unemployment, government policy, the external sector and micro reform.

Courses: Foundation

Prerequisites: QCF121 or equivalent studies

Credit points: 0

Contact hours: 5 per week

Campus offered: KG

Semester offered: 1, 2, SP

■ 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: Foundation

Credit points: 0

Contact hours: 5 per week

Campus offered: KG

Semester offered: 1, 2, SP

■ QCF231 COMPUTING 2

The unit introduces: terms and techniques used in the computerised business packages in Microsoft Office, including word processing, spreadsheets and databases; the skills required to produce documentation that will be of an acceptable standard at tertiary level; the use of technology to develop a critical approach to information retrieval and presentation.

Courses: Foundation

Prerequisites: QCF131 or equivalent studies

Credit points: 0

Contact hours: 5 per week

Campus offered: KG

Semester offered: 1, 2, SP

■ 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: Foundation

Credit points: 0

Contact hours: 5 per week

Campus offered: KG

Semester offered: 1, 2, SP

■ 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: Foundation

Prerequisites: QCF150 or equivalent studies

Credit points: 0

Contact hours: 5 per week

Campus offered: KG

Semester offered: 1, 2, SP

■ 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: Foundation

Prerequisites: QCF150 or equivalent studies

Credit points: 0

Contact hours: 5 per week

Campus offered: KG

Semester offered: 1, 2, SP

■ QCF252 LIFE SCIENCE

Examines the themes of life, macromolecules, metabolism, cell membrane, cell processes, genetics, evolution, biological diversity, plant and animal physiology.

Courses: Foundation

Prerequisites: QCF153 or equivalent studies

Credit points: 0

Contact hours: 5 per week

Campus offered: KG

Semester offered: 1, 2, SP

■ QCF253 PHYSICAL SCIENCES 2 *

Prepares 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. * Subject to final approval.

Courses: Foundation

Prerequisites: QCF153 or equivalent studies

Credit points: 0

Contact hours: 5 per week

Campus offered: KG

Semester offered: 1, 2, SP

■ QCF254 PHYSICS

Introduces students to mechanics, electricity; magnetism; and geometric properties of light; relevance to the real world activities is stressed by discussing the various applications of concepts learned.

Courses: Foundation

Credit points: 0

Campus offered: KG

Semester offered: 1, 2, SP

■ QCF255 CHEMISTRY

Prepares students for tertiary study in the applied sciences, engineering and provides a solid foundation in basic chemistry and experimental techniques. The unit covers: elements, atoms and ions; atomic structure and periodic table; chemical bonding; chemical names and formulas; chemical reactions and stoichiometry; thermochemistry and energy; gases and properties of gases; liquids, solids and properties of solutions; acids and bases; oxidation-reductions reactions and electrochemistry; reaction rates and chemical equilibrium; introductory organic chemistry and organic chemistry and organic functional group chemistry.

Courses: Foundation

Credit points: 0
Campus offered: KG

Contact hours: 5 per week
Semester offered: 1, 2, SP

■ QCS211 ACADEMIC COMMUNICATION

Designed to develop the English communication skills of international students who intend to pursue tertiary studies in Australia; effective thinking, listening and note taking strategies; efficient reading methods; clear and concise writing in the conventional genres relevant to undergraduate and postgraduate study; master basic primary and secondary research skills related to assignment tasks; develop speaking proficiency in tutorial discussion, oral presentation and seminar management.

Courses: U008
Campus offered: KG

Contact hours: 6 per week
Semester offered: 1 & 2

■ QCS212 AUSTRALIAN PERSPECTIVES

Introduces international students to Australian culture and society and the expectations of the educational system in which they will continue their University studies. Topics examined include Aboriginality, an overview of Australian history, the Australian family, government structures, multiculturalism and the Australian identity.

Courses: U008
Campus offered: KG

Contact hours: 4 per week
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: U008
Campus offered: KG

Contact hours: 2 per week for 7 weeks
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: U008
Campus offered: KG

Contact hours: 4 per week
Semester offered: 1 & 2

■ QCX101 COMMUNICATION FOR NURSING

Designed to cater for the linguistic needs of international and non-English speaking background nursing students undertaking Nursing studies in NS40 and NS48; prepares nursing students for the academic, professional and cultural challenges in their degree studies. Includes an intensive review of English language and learning skills with selected readings; written and oral communication and the preparation and presentation of research papers within an academic and professional context.

Courses: HL12
Credit points: 12

Campus offered: KG
Contact hours: 4 per week

■ SCB202 SCIENCE, TECHNOLOGY & 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, obser-

vations 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 seven 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, Statistical Modelling, Environmental Science.

Courses: SC01 (Dean's Scholars program)

Prerequisites: Three of the Senior subjects Biology, Chemistry, Earth Science, Maths B, Maths 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)

■ SCB302 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: 24

Contact hours: (Consultation with Academic Mentor)

■ 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 SCB302, or (b) completion of 8 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

■ 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 pollution; 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.

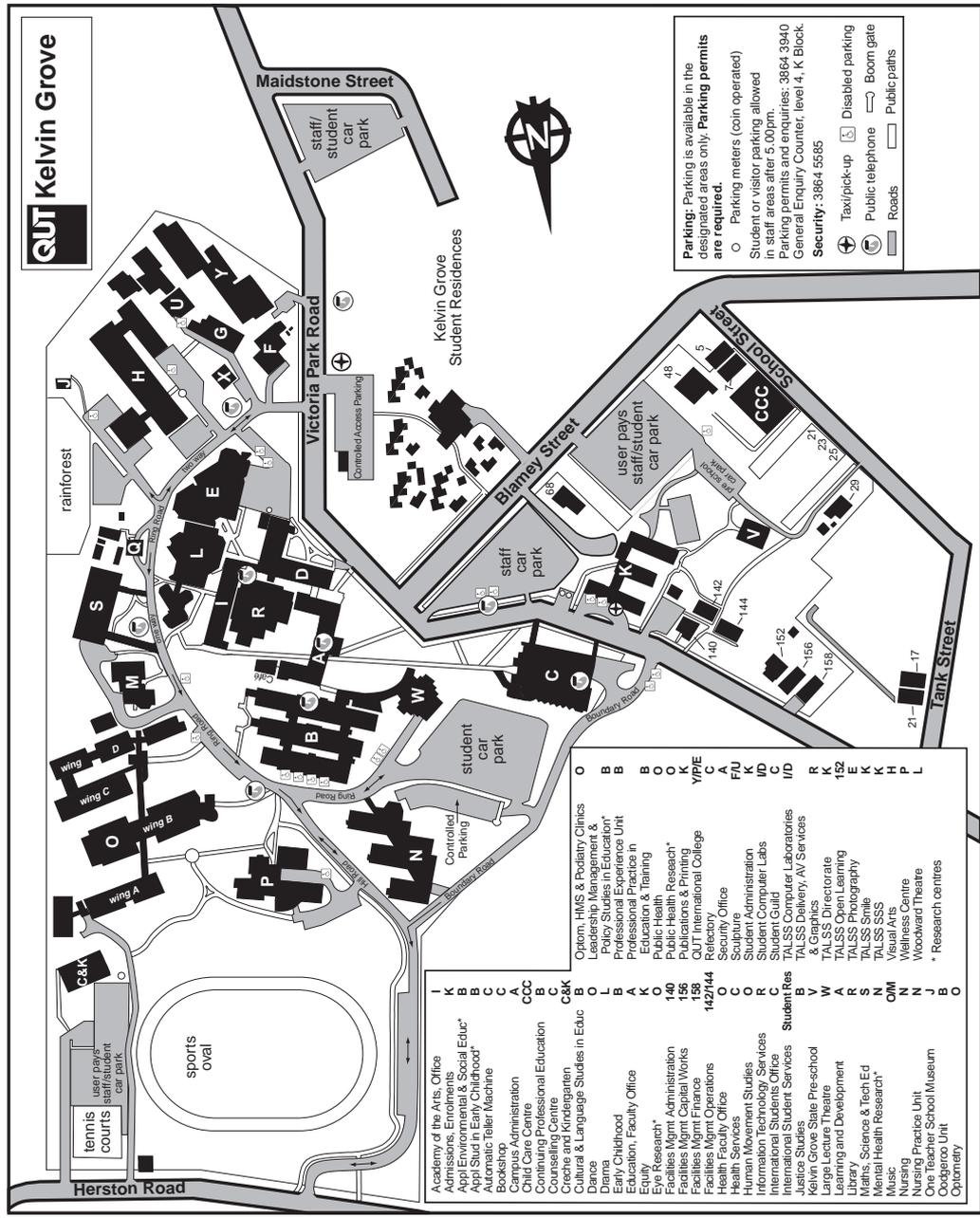
Courses: SC01 (Dean's Scholars program)

Prerequisites: SCB401

Credit points: 24

Contact hours: (Individual research project)

five



Parking: Parking is available in the designated areas only. **Parking permits are required.**

- Parking meters (coin operated)
- Student or visitor parking allowed in staff areas after 5.00pm.
- Parking permits and enquiries: 3664 3940
- General Enquiry Counter, level 4, K Block.
- Security: 3664 5585

⊕ Taxi/pick-up ⊖ Disabled parking
 ☎ Public telephone ↔ Boom gate
 ⬜ Roads ⬜ Public paths

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| I Academy of the Arts, Office | O Optom, HMS & Podiatry Clinics |
| K Applied Environmental & Social Educ* | B Leadership Management & |
| B Appl Stud in Early Childhood* | B Policy Studies in Education* |
| C Automatic Teller Machine | B Professional Practice Unit |
| C Bookshop | B Professional Practice in |
| C Campus Administration | B Education & Training |
| C Career Centre | B Public Health |
| C Computing Professional Education | B Public Health Research* |
| C Counselling Centre | B Publications & Printing |
| C Creche and Kindergarten | B QUT International College |
| C Cultural & Language Studies in Educ | B Security Office |
| C Dance | B Sculpture |
| C Early Childhood | B Student Administration |
| C Education, Faculty Office | B Student Computer Labs |
| C Equity | B Student Guild |
| C Eye Research* | B Student Support Laboratories |
| C Facilities Mgmt Capital Works | B TALSSS Delivery, AI Services |
| C Facilities Mgmt Hardware | B TALSSS Directorate |
| C Facilities Mgmt Operations | B TALSSS Open Learning |
| C Health Faculty Office | B TALSSS Photography |
| C Health Services | B TALSSS Sculpture |
| C Health Technology Services | B TALSSS Visual Arts |
| C Human Movement Studies | B TALSSS Wellness Centre |
| C Information Technology Services | B TALSSS Woodward Theatre |
| C International Students Office | B * Research centres |
| C Justice Studies | |
| C Kelvin Grove State Preschool | |
| C Learning and Development | |
| C Library Science & Tech Ed | |
| C Music | |
| C Health Research* | |
| C Nursing | |
| C Nursing Practice Unit | |
| C One Teacher School/Museum | |
| C Outperoo Unit | |
| C Optometry | |

