Gardens Point Campus

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

Kelvin Grove Campus

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

Carseldine Campus

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

CRICOS Institution Code

00213J
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General Information

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HISTORY

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

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

The institution resulting from the amalgamation of BCAE with QUT has retained the title Queensland University of Technology. It is a major university in the Australian context with a broad academic profile and an increasing involvement in research and postgraduate education. QUT has an enrolment of over 36,000 students and expectations of sustained growth. It currently has campuses at Carseldine, Kelvin Grove and Gardens Point, all in metropolitan Brisbane.

MISSION

Within its mission statement QUT has identified three main goals:

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

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

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

INFORMATION

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

All correspondence should be addressed to:

The Registrar
Queensland University of Technology
GPO Box 2434
Brisbane Qld 4001
Australia

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

ORGANISATIONAL STRUCTURE

The QUT organisational structure consists of the Chancellery, eight faculties, QUT Carseldine, and three divisions.

The faculties are:
- Built Environment and Engineering
- Business
- Creative Industries
- Education
- Health
- Information Technology
- Law
- Science

The divisions are:
- Administrative Services
- Information and Academic Services
- Research and Advancement.
The schedule of dates which appears below is the University’s official calendar. Not all courses comply with the official calendar in every respect. Detailed information on individual course calendars is available from faculty offices.

**PUBLIC HOLIDAYS 2004**

<table>
<thead>
<tr>
<th>Date</th>
<th>Holiday</th>
</tr>
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<tbody>
<tr>
<td>1 January</td>
<td>New Year's Day</td>
</tr>
<tr>
<td>26 January</td>
<td>Australia Day</td>
</tr>
<tr>
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</tr>
<tr>
<td>12 April</td>
<td>Easter Monday</td>
</tr>
<tr>
<td>26 April</td>
<td>ANZAC Day</td>
</tr>
<tr>
<td>3 May</td>
<td>Labour Day</td>
</tr>
<tr>
<td>14 June</td>
<td>Queen's Birthday</td>
</tr>
<tr>
<td>11 August</td>
<td>Royal National Show</td>
</tr>
<tr>
<td>28 December</td>
<td>Christmas Day</td>
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<tr>
<td>27 December</td>
<td>Boxing Day</td>
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**FIRST SEMESTER 2004**

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<tbody>
<tr>
<td>1</td>
<td>1-5 March</td>
<td>Week 1</td>
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<tr>
<td>2</td>
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<tr>
<td></td>
<td>15-19 March</td>
<td>Week 3</td>
</tr>
<tr>
<td></td>
<td>22-26 March</td>
<td>Week 4</td>
</tr>
<tr>
<td>3</td>
<td>29 March-2 April</td>
<td>Week 5</td>
</tr>
<tr>
<td>4</td>
<td>5-9 April</td>
<td>Week 6</td>
</tr>
<tr>
<td></td>
<td>12-16 April</td>
<td>Vacation</td>
</tr>
<tr>
<td></td>
<td>19-23 April</td>
<td>Week 7</td>
</tr>
<tr>
<td></td>
<td>26-30 April</td>
<td>Week 8</td>
</tr>
<tr>
<td>5</td>
<td>3-7 May</td>
<td>Week 9</td>
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<tr>
<td></td>
<td>10-14 May</td>
<td>Week 10</td>
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<td></td>
<td>17-21 May</td>
<td>Week 11</td>
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<tr>
<td></td>
<td>24-28 May</td>
<td>Week 12</td>
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<tr>
<td></td>
<td>31 May-4 June</td>
<td>Week 13</td>
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<tr>
<td>6</td>
<td>7 June</td>
<td>Classes in lieu of Anzac Day</td>
</tr>
<tr>
<td>7</td>
<td>8 June</td>
<td>Classes in lieu of Labour Day</td>
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<tr>
<td></td>
<td>9 June</td>
<td>Classes in lieu of Good Friday</td>
</tr>
<tr>
<td></td>
<td>7-11 June</td>
<td>Exam Preparation</td>
</tr>
<tr>
<td></td>
<td>12-16 June</td>
<td>Exams</td>
</tr>
<tr>
<td></td>
<td>12-19 June</td>
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<td>28-29 June</td>
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<td>9</td>
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**SECOND SEMESTER 2004**

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<tr>
<td>2</td>
<td>26-30 July</td>
<td>Week 2</td>
</tr>
<tr>
<td>3</td>
<td>2-6 August</td>
<td>Week 3</td>
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<tr>
<td></td>
<td>9-13 August</td>
<td>Week 4</td>
</tr>
<tr>
<td></td>
<td>16-20 August</td>
<td>Week 5</td>
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<tr>
<td></td>
<td>23-27 August</td>
<td>Week 6</td>
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<tr>
<td>4</td>
<td>30 August-3 Sept</td>
<td>Week 7</td>
</tr>
<tr>
<td></td>
<td>6-10 September</td>
<td>Week 8</td>
</tr>
<tr>
<td></td>
<td>13-17 September</td>
<td>Week 9</td>
</tr>
<tr>
<td></td>
<td>20-24 September</td>
<td>Week 10</td>
</tr>
<tr>
<td></td>
<td>27 September-1</td>
<td>Vacation</td>
</tr>
<tr>
<td>5</td>
<td>4-8 October</td>
<td>Week 11</td>
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<tr>
<td></td>
<td>11-15 October</td>
<td>Week 12</td>
</tr>
<tr>
<td></td>
<td>18-22 October</td>
<td>Week 13</td>
</tr>
<tr>
<td></td>
<td>25 October</td>
<td>Classes in lieu of Royal National Show Holiday</td>
</tr>
<tr>
<td>6</td>
<td>25-29 October</td>
<td>Exam Preparation</td>
</tr>
<tr>
<td></td>
<td>1-6 November</td>
<td>Exams</td>
</tr>
<tr>
<td>7</td>
<td>8-13 November</td>
<td>Exams</td>
</tr>
<tr>
<td></td>
<td>15-20 November</td>
<td>Exams</td>
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**SUMMER PROGRAM 2004/2005**

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<td>22-26 November</td>
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<td>29 November-3</td>
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<td>December</td>
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<td>3</td>
<td>6-10 December</td>
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<td>13-17 December</td>
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<tr>
<td>4</td>
<td>20-24 December</td>
<td>Week 5</td>
</tr>
<tr>
<td></td>
<td>27-31 December</td>
<td>Vacation</td>
</tr>
<tr>
<td>5</td>
<td>3-4 January 2005</td>
<td>Week 6</td>
</tr>
<tr>
<td></td>
<td>10-14 January</td>
<td>Week 7</td>
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<tr>
<td></td>
<td>17-21 January</td>
<td>Week 8</td>
</tr>
<tr>
<td></td>
<td>24-28 January</td>
<td>Week 9</td>
</tr>
<tr>
<td>6</td>
<td>31 January-4</td>
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<tr>
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<td>February</td>
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</tr>
<tr>
<td>7-11</td>
<td>February</td>
<td>Week 11</td>
</tr>
<tr>
<td>8</td>
<td>14-19 February</td>
<td>Week 12/Examinations</td>
</tr>
<tr>
<td>9</td>
<td>21-26 February</td>
<td>Examinations/Orientation Week</td>
</tr>
<tr>
<td>10</td>
<td>28 February</td>
<td>First semester 2005 commences</td>
</tr>
</tbody>
</table>
COUNCIL

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

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

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

COUNCIL MEMBERSHIP (AS AT 15TH AUGUST 2003)

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

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

Nominees of the Minister for Education
Mr K. (Keith) Hilless, BE(Elec) Qld. Deputy Chancellor. Chairman, Ergon Energy.
Dr F. (Frank) Haly AO, DUniv QUT, AUAQ Qld, FCA, FASA, CPA. Consultant, Deloitte Touche Tohmatsu.
Mrs L. (Linda) Lavarch, LLB GradDip(Legal Practice) QUT. State Member for Kurwongbah.
Ms J. (Julie) Withey, LLB BA Qld, GradDip(Legal Practice) QUT. Consultant, McCullough Robertson Lawyers.
Dr E. (Elizabeth) Mellish, EdD (Leadership) QUT. Director, Mellish and Associates.
Mr S. (Stephen) Keim, BA LLB(Hons) Qld. Barrister.
Mr J. (Jim) Varghese, BA(Hons) BDiversity Qld, DipEd MBA Melb. Director-General, Department of Employment and Training.

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

Nominees of Council
Dr D. (Douglas) McTaggart, BEdc ANU, MA PhD Chicago. Chief Executive Officer, Queensland Investment Corporation.
Mr K. (Ken) Dredge, BE (Chem) Syd, BEdc Qld. Chairman, Tarong Energy Corporation.

Elected General Staff Members
Ms H. (Halima) Goss, DipT each BAppSc CQU. Associate Director (Online Teaching), Manager (Software, Multimedia & Internet Learning Environments), Division of Information and Academic Services.
Miss S. (Susan) Smith, BComm Griff, MEadAd Qld. School Administration Officer, School of Electrical and Electronic Systems Engineering, Faculty of Built Environment and Engineering.

Elected Academic Staff Members
Dr R. (Bob) Cope, CertT Sydney TC, BEd(Hons) James Cook, MEadSt Qld, PhD QUT, Coordinator (Secondary), School of Professional Studies, Faculty of Education.
Mr R. (Ross) Daniels, BA(SocWk) BA(Econs) MSpD Qld. Lecturer, School of Humanities and Human Services, QUT Carseldine.
Ms L. (Leanne) Wiseman, LLB QUT, LLB Lond. Senior Lecturer, Faculty of Law.

Elected Student Members
Ms J. (Jodie) Jansen. President, QUT Student Guild.
Mr S. (Sam) Orr. General Secretary, QUT Student Guild.

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

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

Deputy Vice-Chancellor, Academic (attends by invitation)
Prof D. (David) Gardiner, BA LLB LLM(Hons) Syd. Deputy Vice-Chancellor.

Tenure

COMMITTEES

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

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

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

Vice-Chancellor: Professor O.P. Cochrane, BA(Hons) James Cook, PhD Griff, FAIM, FRIPA

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

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

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

Manager, Oodgeroo Unit: V. Hart

ADMINISTRATIVE SERVICES DIVISION

Registrar — Head, Administrative Services: Dr C. Dickenson, BBus QIT, PhD Qld

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

Director, Student Business Services: R. Ruck, BBus Griff

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

Director, Facilities Management: A. Frowd, BEng(Hons) QIT, MEngSc Mon, MEngSc QUT, GradDipMgtStd RAAF, MHEAust, CPEng

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

Associate Director, Major Projects: R. woods, BDesSt BArch

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

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

Manager, Publications: I.A. Wynne

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

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

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

FINANCE AND RESOURCE PLANNING DIVISION

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

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

Associate Director (Acting), Planning and Resources: S.E. Johnston, BA ANU, DipContEd UNE

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

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

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

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

INFORMATION AND ACADEMIC SERVICES DIVISION

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

Director, Information Technology Services: N. Thelander

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

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

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

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

Associate Director, Central Information Services: J. Dascoli

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

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

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

RESEARCH AND ADVANCEMENT DIVISION

Deputy Vice-Chancellor, Research and Commercialisation: Vacant

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

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

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

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

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

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

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

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

Manager, Development: D. McDiarmid, BA(Hons) PhD Qld, GradDipRE Mt Gravatt CAE, MA(Hons) Syd, CFRE
The University may award medals known as Queensland University of Technology Medals to graduands of certain courses who have achieved an exceptionally high level of performance in their studies.

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

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

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

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

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

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

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

---

**Careers and Employment**

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

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

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

Other services to assist with employment preparation include:

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

Web: http://careers.qut.edu.au
Email: careers@qut.edu.au

Carseldine
Level 3, C Block (Student Centre)
Phone: 07 3864 4831

Gardens Point
Level 2, U Block
Phone: 07 3864 2649

Kelvin Grove
Level 4, C Block
Phone: 07 3864 3656

**Chaplaincy**

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

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

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

Chaplaincy Service locations:

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

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

**Computing and Technology Services**

The Student Computing Guide covers essential computing information for QUT students. The guide is available on the web at www.scg.qut.edu.au. Details on finding student computer labs, using email, setting up your computer passwords etc can be found in this guide.
QUT Virtual is a large, integrated database that contains information relating to QUT students and their courses. Each student has a personal profile within QUT Virtual which displays information personalised to them. QUT Virtual is accessed using your QUT Access username and password. More information is located on the Student Computing Guide web site.

Features found within QUT Virtual include:
- online continuing and change to enrolment forms
- class timetables
- class allocations
- unit outlines
- booklists
- library borrowing information
- Internet access quota balances and usage history
- exam timetables
- exam results and academic history

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

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

Email: All students are given access to the QUT student email service. The student email service is accessed and used through the World Wide Web. Webmail is located at http://email.qut.edu.au. More information about using email at QUT is available at www.scg.qut.edu.au

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

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

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

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

Copying, Printing and Digital Media Production

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

Counselling Service

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

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

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

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

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

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

Counselling Service locations:

Carseldine Level 2, C Block
Phone: 07 3864 4539

Gardens Point Level 1, Community Building
Phone: 07 3864 2383

Kelvin Grove Level 4, C Block
Phone: 07 3864 3488

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

Equity Programs and Services

QUT strives to support cultural and social diversity in our student body by providing a learning environment which:
- promotes the principles of equity and social justice
- is inclusive and supportive of people from all backgrounds
- is free from discrimination and harassment.

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

Health and Medical Services

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

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

Carseldine: C Block
Phone: 07 3864 4539

Gardens Point: Y Block
Phone: 07 3864 2321

Kelvin Grove: C Block
Phone: 07 3864 3161

Library

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

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

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

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

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

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

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

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

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

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

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

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

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

You can contact the Library on the following telephone numbers:

Carseldine: 07 3864 4555
Gardens Point: 07 3864 2083
Kelvin Grove: 07 3864 3079
Law Library: 07 3864 2842

Oodgeroo Unit

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

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

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

Further information can be obtained from:
Phone: 07 3864 3610
Fax: 07 3864 3982
Email: bd.thomson@qut.edu.au
Web: www.qut.edu.au/daa/oodgeroo/

Student Centre

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

Carseldine: Level 3, C Block
Hours: 9.00am-5.00pm

Gardens Point: Level 1, A Block
Hours: 9.00am-5.30pm

Kelvin Grove: Level 4, K Block
Hours: 9.00am-5.00pm

Student Centre staff assist students with enquiries regarding admission, academic credit, enrolment, fees, student ID cards, transport concessions and other student administration or general enquiries. Student Centres are also the place to obtain and lodge Student Services application forms and other general forms.
A C A D E M I C A N D S T U D E N T S U P P O R T S E R V I C E S

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

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

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

Phone 07 3864 2000
Monday to Friday, 8.00am-5.30pm

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

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

Phone: 07 3864 2457
Fax: 07 3864 4472
Email: ombudsman@qut.edu.au
Web: www.qut.edu.au/ombudsman/

Write to QUT Student Ombudsman
GPO Box 2434
Brisbane QLD 4001

Q U T A L U M N I

When you graduate from QUT, you will become a member of the University’s Alumni. QUT Alumni promotes friendly communication and cooperation among the University’s graduates, students, faculty staff and close associates. Membership of QUT Alumni is free. All registered members of the Alumni receive regular news and information on services available to them. Graduates can also register to participate in elections for the QUT Alumni Board.

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

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

• discover the latest news on Alumni events and other activities for graduates by checking out the events listing at QUT Events;
• discover how to participate in the Mentor Scheme, which is an opportunity for current students to link with graduates for encouragement and support and to get a practical start to understanding the workplace;
• explore QUT Links magazine online. QUT publishes this magazine for its Alumni, close associates and interested members of the University community including business and industry professionals. The magazine profiles successful graduates and provides information on what’s happening in the lives of QUT Alumni members as well as what is happening at QUT;
• discover the 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;
• discover the Alumni Annual Appeal that supports University projects, in particular scholarships for disadvantaged students.
• find out about the services and facilities that the University has to offer its Alumni, and
• learn about the Alumni Annual Appeal that supports University projects, in particular scholarships for disadvantaged students.

• learn about the Outstanding Alumni Awards which recognise graduates who have performed exceptionally in their chosen career and who have made outstanding contributions to the community;
• keep in touch with QUT by updating your contact information and stay active in the life of the University;
• learn about the existing Alumni Chapters at QUT;
• discover the Alumni Annual Appeal that supports University projects, in particular scholarships for disadvantaged students;
• keep in touch with QUT by updating your contact information and stay active in the life of the University;

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

Committed alumni, individuals, corporations and government bodies give generously to the University’s teaching and research activities.

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

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

For further information contact QUT Development 07 3864 2950.
QUT Cultural Precinct, located at the University’s Gardens Point campus, is situated on one of Queensland’s most central and historically important sites. The Precinct encompasses QUT Art Museum, one of Australia’s most sophisticated contemporary art museums, Gardens Theatre, with a 400 seat state-of-the-art theatre, and Old Government House.

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

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

In addition to the core activity of exhibitions and performances, the Cultural Precinct offers unique arts-based educational programs which provide practical ways for the Queensland University of Technology to extend the benefits of its knowledge, research and services to the wider Queensland community.

These programs have a practical emphasis and include hands-on sessions with curators, artists talks, activity booklets, guided tours and demonstrations.

The Cultural Precinct also offers a choice of stunning spaces for hire. QUT Art Museum provides an elegant and sophisticated venue for cocktail parties. Gardens Theatre provides a picturesque venue for events, the Gardens Theatre also features exceptional facilities for audiences including a licenced bar, palm tree atrium, disabled access and Bar Merlo Gardens Theatre.

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

Location
Main Drive
QUT Gardens Point

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

GARDENS THEATRE

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

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

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

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

Location
X Block, Main Drive
QUT Gardens Point

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

Bookings & Show Information
For advance bookings and information on current shows phone GardensTix on 07 3864 4455.

What’s On
Free program guides are available from the theatre box office or refer to program listings on the Cultural Precinct web site at www.culturalprecinct.qut.edu.au.

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

QUT ART MUSEUM

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

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

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

Location
Level 1, U Block, Main Drive
QUT Gardens Point

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

Admission
Entry to the museum is free.

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

OLD GOVERNMENT HOUSE

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

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

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

To celebrate its history and advance knowledge of Queensland’s architectural, political and educational heritage, QUT has opened
QUT CULTURAL PRECINCT

the doors of Old Government House to provide a welcoming environment for all Queenslanders and visitors to enjoy and learn about the building and its site. Guided tours are available on request.

Location
Main Drive
QUT Gardens Point (next to City Botanic Gardens)

Opening Hours
Monday - Friday: 10am - 4pm

Admission
Free entry

Information
Phone: 07 3864 8005
Email: info.culturalprecinct@qut.edu.au
Web: www.culturalprecinct.qut.edu.au

QUT STUDENT GUILD

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

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

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

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

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

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

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

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

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Section Two

Student Rules, Policies and Procedures

Student Rules, Policies and Procedures
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INTRODUCTION

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

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

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

These Student Rules are made pursuant to:
- QUT Statute No. 1 (Course of Study) 1999
- QUT Statute No. 2 (Student Discipline) 1999
- QUT Statute No. 3 (Fees) 1999

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

THE RULES

PART 1 - PRELIMINARY

Division 1 - Interpretation

I. Definitions

In these rules:

“assessment” means work (for example, an examination, assignment, practical, performance) which a student is required to complete for any one or more of the following purposes:
- (a) the fulfilment of an educational purpose (for example, to motivate learning, to provide feedback);
- (b) to provide a basis for a record of achievement or certification of competency;
- (c) to permit grading.

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

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

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

“course requirements” means the specific requirements for completing an award course approved by university academic board and includes the following:
- (a) the course structure;
- (b) any conditions for enrolment in or for completion of particular units required for the course;
- (c) any conditions for academic progression through the course;
- (d) any requirements for attendance type or mode of study.

“dean” means the dean of the faculty having responsibility for a unit or an award course and includes:
- (a) the director, QUT Carseldine, in the case of a unit or an award course for which the director is responsible; and
- (b) the director, QUT international college, in the case of a program of non-award studies for which the director is responsible.

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

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

“QUT” means the Queensland University of Technology.

“registrar” means the university’s chief administrative officer.

“teaching period” means a designated period of weeks in which the program of study and instruction for a unit or award course is undertaken and includes:
- (a) two standard semesters of around 13 weeks duration; and
- (b) other periods during the year which are designated by the registrar as a teaching period.

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

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

2. Attendance type and mode

(1) A student’s attendance type is normally designated as full-time if the enrolment program for the teaching period is:
- (a) in the case of a student enrolled in an award course, at least 75 per cent of the number of credit points for a standard enrolment program load for full-time enrolment in that course in a teaching period; or
- (b) in the case of a student undertaking non-award studies, at least 75 per cent of the number of credit points for a standard enrolment program load designated by the registrar for that purpose.

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

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

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

Division 2 - Students’ responsibilities under these rules

3. Student responsibility for compliance with these rules and other requirements
The faculty academic board having responsibility for an award course to be met by a person applying for admission to the university.

It is the student’s responsibility to do all acts associated with applying for admission to the university academic board may specify general requirements for admission before each teaching period in which they propose to enrol in non-award studies.

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

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

The registrar must prescribe the dates for and the manner of submitting changes to the enrolment program, and the information to be included with the enrolment program.

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

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

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

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

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

The registrar makes offers of admission.

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

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

For each teaching period, the registrar must:

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

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

A student is validly enrolled upon:

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

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

A student’s enrolment program must comply with the general requirements specified in this division.

In the case of a student enrolled in an award course, the student’s enrolment program must also comply with the course requirements.
(2) Despite rule 11(1)(b), the registrar may permit withdrawal without academic penalty if, following advice from the dean, the registrar is satisfied that the student has demonstrated that exceptional circumstances for withdrawal from the unit exist.

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

12. Relationship between units of study

(1) Course requirements may specify any of the following conditions for enrolment in a specified unit:
   (a) a student must have achieved a passing grade in a prerequisite unit before enrolment in the specified unit;
   (b) a student may enrol in the specified unit only if:
      (i) the student also enrolls in a corequisite unit at the same time; or
      (ii) the student has previously achieved a passing grade in the corequisite unit;
   (c) a student must not enrol in the specified unit if the student has achieved a passing grade in an incompatible unit.

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

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

13. Maximum and minimum enrolment program load

Course requirements may specify either or both of the following:
   (a) the maximum number of credit points for full-time enrolment;
   (b) the minimum number of credit points for part-time enrolment.

14. Time limits for completion of an award course

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

15. Acceptance of enrolment program

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

16. Amendment of enrolment program

The registrar may amend an enrolment program, after consultation with the course coordinator, if any of the following conditions exist:
   (a) the student has not complied with the requirements of rule 13;
   (b) the student has not complied with other course requirements;
   (c) the student cannot attend classes or meet other unit requirements due to timetable incompatibility;
   (d) the student has not complied with any conditions of probationary enrolment imposed under part 6 of these rules.

Division 3 - Credit

17. Credit for previous studies

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

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

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

Division 4 - Discontinuation or interruption of enrolment

18. Approval of leave of absence

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

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

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

(4) The dean must determine the application for leave of absence in any of the following circumstances:
   (a) the student seeks leave for a period in excess of one year;
   (b) the student is undertaking a postgraduate award course;
   (c) the student has had a prior approved leave of absence from the same award course.

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

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

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

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

19. Cancellation of enrolment

(1) A student must notify the registrar if they wish to cancel their enrolment in an award course or non-award studies.
A student is not validly enrolled unless all fees and charges prescribed dates.

A student must pay the fees specified in these rules by the dates for payment of fees.

The officer or body listed in schedule 2 sets the fees and categories of students.

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

The officer or body listed in schedule 2 sets the fees and categories of students.

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

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

A student who is liable for a higher education contribution for a unit or units for an award course is liable for a higher education contribution for a unit or units for an award course.

A student who is normally liable to pay a higher education contribution by:
(a) paying the required amount directly to the university by the date specified by the registrar; or
(b) supplying a tax file number to the university; or
(c) a combination of (a) and (b).

This rule applies to students who are not liable to pay a higher education contribution for a teaching period or unit.

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

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

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

Where the HEF Act specifies, a student who is normally liable to pay a higher education contribution may be required to pay the tuition fee specified in schedule 2 for enrolment in a particular teaching period or unit.

For this rule, a “visiting student” means a student who enrolls in non-award studies, but does not include a cross-institutional HECS liable student who enrolls in a unit or units at QUT to obtain credit towards an award course at another Australian university.

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

If the administrative charge has not been paid, the student’s action or request for the service has no effect.

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

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

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

If a student does not pay the full amount of fees and charges required by the university by the required date, the registrar may do either or both of the following:
(a) reject the student’s enrolment in accordance with rule 8; or
(b) require the student to pay an administrative charge specified in schedule 2.

1 See rule 15

PART 4 - FEES AND CHARGES

20. Definitions for this part

In this part:
“HECS” means the higher education contribution scheme.

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

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

21. Imposition of fees and charges

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

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

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

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

22. Student guild fee

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

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

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

(4) A student who has a conscientious objection to being a member of the student guild is exempt from membership if the student:
(a) advises the registrar in writing of the objection; and
(b) pays to the university an amount equivalent to the student guild fee.

23. Liability under the higher education contribution scheme

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

(2) A student who is liable for a higher education contribution must submit a payment options declaration specifying the method for payment of the contribution in any of the following circumstances:
(a) when the student first enrolls at the university;
(b) when the student changes to another award course;
(c) if the student elects to pay the contribution by another method.

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

1 See rule 15

2 See rule 8.
PART 5 - ASSESSMENT

Division 1 - General requirements for assessment

28. Notice of assessment requirements

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

29. Academic dishonesty

(1) A student must not act in a manner which constitutes academic dishonesty.

(2) Academic dishonesty means an action or practice which may compromise or defeat the purposes of assessment, and includes, but is not limited to:

(a) cheating, or attempting to cheat;
(b) plagiarism;
(c) misrepresenting or fabricating data or results or other assessable work;
(d) breaching requirements specified by university academic board under rule 32 for conduct during examinations, in a way that may compromise or defeat the purposes of the assessment.

(3) University academic board may prescribe procedures for investigating allegations of academic dishonesty.

(4) The penalties for academic dishonesty are:

(a) mark reduction or zero mark for an assessment item; or
(b) awarding of a failing grade in the unit in which academic dishonesty is detected; or
(c) awarding of a failing grade in the unit in which academic dishonesty is detected and in another unit or all other units undertaken in that teaching period; or
(d) suspension from the university for a specified period of time, together with the allocation of failing grades specified in rule 29(4)(c); or
(e) permanent expulsion from the University, together with the allocation of failing grades specified in rule 29(4)(c).

(5) The dean may impose the penalties listed in rule 29(4)(a) and 29(4)(b).

(6) The registrar may impose any of the penalties listed in rule 29(4).

Division 2 - Examinations

30. Availability for examinations

(1) A student must be available to undertake an examination:

(a) at the time and place specified for the examination in the central examination period; and
(b) at any other time specified for an examination in the notification of assessment requirements.

(2) The registrar publishes an examination timetable for each central examination period.

(3) In this rule, “central examination period” means a period of at least 2 weeks at the end of each semester or other teaching period designated for conducting examinations.

31. Alternative examination sittings

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

32. Conduct during examinations

University academic board must specify procedures for examinations, including:

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

33. Deferred examinations

(1) A student who, due to exceptional circumstances beyond the student’s control, is unable to attend an examination at the prescribed time may apply in the manner prescribed by the registrar for a deferred examination.

(2) The dean determines the outcome of an application for a deferred examination.

Division 3 - Final grades

34. Grading scale

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

35. Allocation and notification of grades

(1) The dean approves a student’s final grade for a unit.

(2) A student will be notified of their grades in the manner determined by the registrar.

36. Special consideration

(1) A student who believes that their performance in completing an assessment item has been adversely affected by exceptional circumstances may apply for special consideration in the manner prescribed by the registrar.

(2) The head of school determines whether the application for special consideration should be granted.

(3) The faculty academic board may specify the manner in which special consideration is to be applied to an assessment item.

(4) The unit coordinator determines whether additional marks for the assessment item should be granted, and must do so in accordance with any faculty academic board determinations made in accordance with rule 36(3).

(5) In this rule:

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

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

37. Supplementary assessment

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

PART 6 - UNSATISFACTORY ACADEMIC PERFORMANCE

38. Requirement to perform satisfactorily in course

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

39. Probationary enrolment

(1) The registrar must place a student undertaking an award course on probationary enrolment if the student:

(a) achieves a grade point average of less than 3.0 for units which the student has undertaken towards the award course; or
(b) is awarded a failing grade in a unit which the student has previously failed.
(2) The registrar determines the students to be placed on probationary enrolment at the end of each academic year.

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

40. Conditions of probationary enrolment

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

(2) While on probationary enrolment, a student must:
   (a) consult the course coordinator about their enrolment program; and
   (b) if the course coordinator specifies an enrolment program, submit the enrolment program as specified.

(3) If a student on probationary enrolment cancels their enrolment in the course but is subsequently re-admitted by the registrar to the same award course in accordance with part 2 of these rules, the registrar, upon re-admission:
   (a) must place the student on probationary enrolment for the remainder of the academic year; and
   (b) may require the student to submit an enrolment program specified by the course coordinator.

41. Exclusion from enrolment in an award course

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

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

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

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

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

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

42. Consequences of exclusion

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

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

43. Enrolment following exclusion

(1) An excluded student may re-enrol in a unit or units as part of the award course if:
   (a) the student successfully appeals against exclusion; or
   (b) the student, following exclusion for at least 12 months, is readmitted to an award course by the registrar.

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

PART 7 - ELIGIBILITY TO GRADUATE

44. Minimum passing grades for graduation

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

45. Eligibility to graduate from an award course

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

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

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

PART 8 - REVIEW AND APPEALS

46. Review of grades and academic rulings

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

(2) A student may apply for a review of:
   (a) their grade for a unit; or
   (b) other academic rulings made under these rules.

47. Appeal to university academic board

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

(2) A student may appeal to university academic board if:
   (a) the student has been excluded from an award course under rule 41; or
   (b) the student has been penalised by the dean or the registrar under rule 29.

48. Status pending outcome of review or appeal

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

PART 9 - MISCELLANEOUS

49. Research higher degree students

(1) For students undertaking the doctor of philosophy degree, university academic board must specify general requirements for:
   (a) admission as a candidate for the degree; and
   (b) enrolment and progression as a candidate; and
   (c) submission and examination of the thesis.

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

50. Delegation of powers and functions

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

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

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

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

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

**TABLE B - DOMESTIC POSTGRADUATE TUITION FEES**

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

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

<p>| BUSINESS | | |
| BS32 | Graduate Certificate in Human Resource Management and Development | $100 |
| BS39 | Graduate Certificate in Business | $100 |
| BS47 | Master of Business Administration/Master of Applied Finance (commencing 2003) | $190 |
| BS64 | Graduate Diploma in International Business | $100 |
| BS65 | Master of International Business Studies | $100 |
| BS66 | Master of International Business | $100 |
| BS70 | Graduate Diploma in Advanced Accounting | $100 |
| BS72 | Graduate Diploma in Public Relations | $100 |</p>
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<td>NS31</td>
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<td>NS33</td>
<td>Graduate Certificate in Medical/Surgical Nursing</td>
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<td>Graduate Certificate in Community Practice</td>
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<td>Graduate Certificate in Paediatric, Child and Youth Health Nursing</td>
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<td>NS36</td>
<td>Graduate Certificate in Women's Health</td>
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### SCHEDULE 2 – FEES AND CHARGES

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<td>PU38</td>
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<td>JS26</td>
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<td>JS27</td>
<td>Graduate Certificate in Organised Crime and Corruption Investigation</td>
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<tr>
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<td>Master of Business Administration/Master of Information Technology (IT graduates) (commencing 2004)</td>
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</table>
**Table C - International Student Tuition Fees**

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

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

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

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<th>CRICOS Code</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Fee paid by student first enrolling in 2004 per course per teaching period</th>
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<td>003502J</td>
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<td>037588F</td>
<td>PH38</td>
<td>Bachelor of Applied Science - Medical Radiation Technology (Medical Imaging Technology)</td>
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<td>Bachelor of Applied Science - Medical Radiation Technology (Radiotherapy Technology)</td>
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### SCHEDULE 2 – FEES AND CHARGES

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### SCHEDULE 2 – FEES AND CHARGES

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<td>Description</td>
<td>Fee</td>
</tr>
<tr>
<td>----------</td>
<td>-----------------------------------------------------------------------------------------------</td>
<td>-------</td>
</tr>
<tr>
<td>037546E</td>
<td>PS76 Graduate Certificate in Landscape Design</td>
<td>$8500</td>
</tr>
<tr>
<td>037545F</td>
<td>PS75 Graduate Certificate in Landscape Techniques</td>
<td>$8500</td>
</tr>
<tr>
<td>027286C</td>
<td>LW60 Graduate Certificate in Law</td>
<td>$8500</td>
</tr>
<tr>
<td>040307E</td>
<td>LW65 Graduate Certificate in Legal Studies</td>
<td>$8500</td>
</tr>
<tr>
<td>048325E</td>
<td>GS93 Graduate Certificate in Management</td>
<td>$10000</td>
</tr>
<tr>
<td>046044G</td>
<td>MA65 Graduate Certificate in Mathematical Science</td>
<td>$8500</td>
</tr>
<tr>
<td>034715F</td>
<td>KM35 Graduate Certificate in Music</td>
<td>$8500</td>
</tr>
<tr>
<td>036433M</td>
<td>JS27 Graduate Certificate in Organised Crime and Corruption Investigation</td>
<td>$2125/unit</td>
</tr>
<tr>
<td>012705A</td>
<td>CN81 Graduate Certificate in Project Management</td>
<td>$8500</td>
</tr>
<tr>
<td>036428G</td>
<td>CN90 Graduate Certificate in Property Economics</td>
<td>$8500</td>
</tr>
<tr>
<td>048295F</td>
<td>PU30 Graduate Certificate in Public Health</td>
<td>$9600</td>
</tr>
<tr>
<td>040334B</td>
<td>PY40 Graduate Certificate in Road Safety</td>
<td>$8500</td>
</tr>
<tr>
<td>Not required HM34 Graduate Certificate in Social Science (Human Services)</td>
<td>$7500</td>
<td></td>
</tr>
<tr>
<td>036433M</td>
<td>JS29 Graduate Certificate in Strategic Intelligence</td>
<td>$2125/unit</td>
</tr>
<tr>
<td>003481J</td>
<td>BS70 Graduate Diploma in Advanced Accounting</td>
<td>$8500</td>
</tr>
<tr>
<td>048328B</td>
<td>IF95 Graduate Diploma in Advertising (Creative Advertising/Strategic Advertising)</td>
<td>$8500</td>
</tr>
<tr>
<td>027282G</td>
<td>BS96 Graduate Diploma in Applied Finance</td>
<td>$8500</td>
</tr>
<tr>
<td>020314E</td>
<td>SC71 Graduate Diploma in Applied Science</td>
<td>$8500</td>
</tr>
<tr>
<td>020315D</td>
<td>PH71 Graduate Diploma in Applied Science (Medical Physics)</td>
<td>$8500</td>
</tr>
<tr>
<td>016957B</td>
<td>LS70 Graduate Diploma in Biotechnology</td>
<td>$8500</td>
</tr>
<tr>
<td>002621K</td>
<td>GS86 Graduate Diploma in Business Administration</td>
<td>$10000</td>
</tr>
<tr>
<td>036430C</td>
<td>CE64 Graduate Diploma in Civil Engineering</td>
<td>$9000</td>
</tr>
<tr>
<td>015184G</td>
<td>EE67 Graduate Diploma in Computer and Communications Engineering</td>
<td>$9000</td>
</tr>
<tr>
<td>040291G</td>
<td>IF02 Graduate Diploma in Creative Industries (Arts and Cultural Management)</td>
<td>$8500</td>
</tr>
<tr>
<td>043123M</td>
<td>KI36 Graduate Diploma in Creative Industries (Communication Design)</td>
<td>$9000</td>
</tr>
<tr>
<td>040292G</td>
<td>IF03 Graduate Diploma in Creative Industries (Creative &amp; Media Enterprises)</td>
<td>$8500</td>
</tr>
<tr>
<td>046673A</td>
<td>KW36 Graduate Diploma in Creative Industries (Creative Writing)</td>
<td>$8500</td>
</tr>
<tr>
<td>Not required KD36 Graduate Diploma in Creative Industries (Dance Teaching)</td>
<td>$1500/unit</td>
<td></td>
</tr>
<tr>
<td>046672B</td>
<td>KT36 Graduate Diploma in Creative Industries (Drama Teaching)</td>
<td>$8500</td>
</tr>
<tr>
<td>040324D</td>
<td>KP36 Graduate Diploma in Creative Industries (Film and Television)</td>
<td>$9500</td>
</tr>
<tr>
<td>Not required ED20 Graduate Diploma in Education (Early Childhood)</td>
<td>$1875/unit</td>
<td></td>
</tr>
<tr>
<td>Not required ED28 Graduate Diploma in Education (Learning Support)</td>
<td>$1875/unit</td>
<td></td>
</tr>
<tr>
<td>Not required ED25 Graduate Diploma in Education (Teacher Librarianship)</td>
<td>$1875/unit</td>
<td></td>
</tr>
<tr>
<td>040324D</td>
<td>KJ36 Graduate Diploma in Education (Teacher Librarianship)</td>
<td>$1875/unit</td>
</tr>
<tr>
<td>004684G</td>
<td>GS78 Graduate Diploma in Entrepreneurship and Innovation</td>
<td>$10000</td>
</tr>
<tr>
<td>040307E</td>
<td>PS78 Graduate Diploma in Geographic Information Systems</td>
<td>$10000</td>
</tr>
<tr>
<td>036437G</td>
<td>PS74 Graduate Diploma in Geomatics</td>
<td>$8500</td>
</tr>
<tr>
<td>004676P</td>
<td>HL68 Graduate Diploma in Health Science</td>
<td>$8500</td>
</tr>
<tr>
<td>020307D</td>
<td>PU65 Graduate Diploma in Health, Safety and Environment</td>
<td>$8500</td>
</tr>
<tr>
<td>003479C</td>
<td>AR61 Graduate Diploma in Industrial Design</td>
<td>$8500</td>
</tr>
<tr>
<td>018771J</td>
<td>IT35 Graduate Diploma in Information Technology (IT Graduates)</td>
<td>$9500</td>
</tr>
<tr>
<td>018771J</td>
<td>IT38 Graduate Diploma in Information Technology (Non-IT Graduates)</td>
<td>$9500</td>
</tr>
<tr>
<td>006361D</td>
<td>AR62 Graduate Diploma in Interior Design</td>
<td>$8500</td>
</tr>
<tr>
<td>040303G</td>
<td>BS64 Graduate Diploma in International Business</td>
<td>$8500</td>
</tr>
<tr>
<td>040340D</td>
<td>KI36 Graduate Diploma in Journalism</td>
<td>$8500</td>
</tr>
<tr>
<td>003479C</td>
<td>PS66 Graduate Diploma in Landscape Architecture</td>
<td>$8500</td>
</tr>
<tr>
<td>020312G</td>
<td>JS41 Graduate Diploma in Legal and Justice Studies (available to continuing students only)</td>
<td>$8500</td>
</tr>
<tr>
<td>0090034F</td>
<td>LP41 Graduate Diploma in Legal Practice</td>
<td>$14000 per 24 week teaching period</td>
</tr>
<tr>
<td>040318B</td>
<td>LW70 Graduate Diploma in Legal Studies</td>
<td>$8500</td>
</tr>
<tr>
<td>006379E</td>
<td>JT25 Graduate Diploma in Library and Information Studies</td>
<td>$9500</td>
</tr>
<tr>
<td>040641M</td>
<td>MA75 Graduate Diploma in Mathematical Science</td>
<td>$8500</td>
</tr>
<tr>
<td>040342B</td>
<td>NS68 Graduate Diploma in Midwifery</td>
<td>$8500</td>
</tr>
<tr>
<td>034717D</td>
<td>KM36 Graduate Diploma in Music</td>
<td>$8500</td>
</tr>
<tr>
<td>015086K</td>
<td>NS64 Graduate Diploma in Nursing</td>
<td>$8500</td>
</tr>
<tr>
<td>036428G</td>
<td>CN91 Graduate Diploma in Property Economics</td>
<td>$8500</td>
</tr>
<tr>
<td>Code</td>
<td>Program</td>
<td>Fee</td>
</tr>
<tr>
<td>----------</td>
<td>--------------------------------------------------------------------------</td>
<td>------</td>
</tr>
<tr>
<td>036434K</td>
<td>PY08 Graduate Diploma in Psychology</td>
<td>$8500</td>
</tr>
<tr>
<td>020306E</td>
<td>PU60 Graduate Diploma in Public Health</td>
<td>$9600</td>
</tr>
<tr>
<td>099035E</td>
<td>BS72 Graduate Diploma in Public Relations</td>
<td>$8500</td>
</tr>
<tr>
<td>040335A</td>
<td>PY41 Graduate Diploma in Road Safety</td>
<td>$8500</td>
</tr>
<tr>
<td>027280J</td>
<td>HH31 Graduate Diploma in Social Science (Human Services)</td>
<td>$7500</td>
</tr>
<tr>
<td>003477E</td>
<td>PS72 Graduate Diploma in Urban and Regional Planning</td>
<td>$8500</td>
</tr>
<tr>
<td>014018G</td>
<td>DB69 Graduate Diploma in Urban Design</td>
<td>$8500</td>
</tr>
<tr>
<td>046861G</td>
<td>GS74 Graduate Diploma of Business Administration</td>
<td>$10000</td>
</tr>
<tr>
<td>048322G</td>
<td>IF96 Master of Advertising (Creative Advertising/Strategic Advertising)</td>
<td>$8500</td>
</tr>
<tr>
<td>027283F</td>
<td>BS98 Master of Applied Finance</td>
<td>$8500</td>
</tr>
<tr>
<td>018479B</td>
<td>LS80 Master of Applied Science (Life Science)</td>
<td>$9000</td>
</tr>
<tr>
<td>043548G</td>
<td>PH80 Master of Applied Science (Medical Physics)</td>
<td>$9000</td>
</tr>
<tr>
<td>003462A</td>
<td>BN71 Master of Applied Science (Research)</td>
<td>$8500</td>
</tr>
<tr>
<td>007897G</td>
<td>HL84 Master of Applied Science (Research)</td>
<td>$8500</td>
</tr>
<tr>
<td>014020C</td>
<td>SC80 Master of Applied Science (Research)</td>
<td>$9000</td>
</tr>
<tr>
<td>046055E</td>
<td>KK51 Master of Arts (Research) (Creative Industries)</td>
<td>$8500</td>
</tr>
<tr>
<td>012707K</td>
<td>HH40 Master of Arts (Research) (Humanities and Human Services)</td>
<td>$7500</td>
</tr>
<tr>
<td>003475G</td>
<td>DB73 Master of Built Environment (Urban Design)</td>
<td>$8500</td>
</tr>
<tr>
<td>002329C</td>
<td>BS93 Master of Business (Advertising)</td>
<td>$8500</td>
</tr>
<tr>
<td>002329C</td>
<td>BS93 Master of Business (Human Resource Management)</td>
<td>$8500</td>
</tr>
<tr>
<td>002329C</td>
<td>BS93 Master of Business (Integrated Marketing Communication)</td>
<td>$8500</td>
</tr>
<tr>
<td>002329C</td>
<td>BS93 Master of Business (Marketing)</td>
<td>$8500</td>
</tr>
<tr>
<td>002329C</td>
<td>BS93 Master of Business (Philanthropy &amp; Nonprofit Studies)</td>
<td>$8500</td>
</tr>
<tr>
<td>002329C</td>
<td>BS89 Master of Business (Professional Accounting)</td>
<td>$8500</td>
</tr>
<tr>
<td>002329C</td>
<td>BS93 Master of Business (Public Management)</td>
<td>$8500</td>
</tr>
<tr>
<td>002329C</td>
<td>BS92 Master of Business (Public Relations)</td>
<td>$8500</td>
</tr>
<tr>
<td>002329C</td>
<td>BS92 Master of Business (Research) - Accountancy</td>
<td>$8500</td>
</tr>
<tr>
<td>002329C</td>
<td>BS92 Master of Business (Research) - Advertising</td>
<td>$8500</td>
</tr>
<tr>
<td>002329C</td>
<td>BS92 Master of Business (Research) - Banking &amp; Finance</td>
<td>$8500</td>
</tr>
<tr>
<td>002329C</td>
<td>BS92 Master of Business (Research) - Economics</td>
<td>$8500</td>
</tr>
<tr>
<td>002329C</td>
<td>BS92 Master of Business (Research) - Human Resource Management</td>
<td>$8500</td>
</tr>
<tr>
<td>002329C</td>
<td>BS92 Master of Business (Research) - International Business</td>
<td>$8500</td>
</tr>
<tr>
<td>002329C</td>
<td>BS92 Master of Business (Research) - Management</td>
<td>$8500</td>
</tr>
<tr>
<td>002329C</td>
<td>BS92 Master of Business (Research) - Marketing</td>
<td>$8500</td>
</tr>
<tr>
<td>002329C</td>
<td>BS92 Master of Business (Research) - Public Relations</td>
<td>$8500</td>
</tr>
<tr>
<td>045503E</td>
<td>GS76 Master of Business Administration (Major)</td>
<td>$10000</td>
</tr>
<tr>
<td>043117J</td>
<td>GS97 Master of Business Administration (Major)</td>
<td>$10000</td>
</tr>
<tr>
<td>045502F</td>
<td>GS75 Master of Business Administration (MBA)</td>
<td>$10000</td>
</tr>
<tr>
<td>037552G</td>
<td>BS91 Master of Business Administration/Master of Applied Finance</td>
<td>$10000</td>
</tr>
<tr>
<td>037551G</td>
<td>IF98/IF13 Master of Business Administration/Master of Information Technology</td>
<td>$10000</td>
</tr>
<tr>
<td>037551G</td>
<td>IF99/IF15 Master of Business Administration/Master of Information Technology (IT Graduates)</td>
<td>$10000</td>
</tr>
<tr>
<td>020304G</td>
<td>BS94 Master of Commerce</td>
<td>$8500</td>
</tr>
<tr>
<td>043120C</td>
<td>PY17 Master of Counselling Psychology</td>
<td>$8500</td>
</tr>
<tr>
<td>040290J</td>
<td>IF04 Master of Creative Industries (Arts Management &amp; Creative Enterprise)</td>
<td>$8500</td>
</tr>
<tr>
<td>031870G</td>
<td>KJ43 Master of Creative Industries (Communication Design)</td>
<td>$9000</td>
</tr>
<tr>
<td>KD42</td>
<td>Master of Creative Industries (Dance Teaching)</td>
<td>$1500/units</td>
</tr>
<tr>
<td>046964M</td>
<td>KT42 Master of Creative Industries (Drama Teaching)</td>
<td>$8500</td>
</tr>
<tr>
<td>047454D</td>
<td>ED13 Master of Education</td>
<td>$8000</td>
</tr>
<tr>
<td>002501G</td>
<td>ED12 Master of Education (Research)</td>
<td>$8000</td>
</tr>
<tr>
<td>002330K</td>
<td>ED14 Master of Education (Teaching English to Speakers of Other Languages - TESOL)</td>
<td>$8000</td>
</tr>
<tr>
<td>003465J</td>
<td>BN72 Master of Engineering Management</td>
<td>$9000</td>
</tr>
<tr>
<td>006368G</td>
<td>ME76 Master of Engineering Management</td>
<td>$9000</td>
</tr>
<tr>
<td>042259C</td>
<td>CE75 Master of Engineering Science (Civil Engineering Studies)</td>
<td>$9000</td>
</tr>
<tr>
<td>020300M</td>
<td>CE74 Master of Engineering Science (Civil Engineering)</td>
<td>$9000</td>
</tr>
<tr>
<td>040343A</td>
<td>EE74 Master of Engineering Science (Computer and Communications Engineering)</td>
<td>$9000</td>
</tr>
<tr>
<td>042260K</td>
<td>EE77 Master of Engineering Science (Electrical Engineering Studies)</td>
<td>$9000</td>
</tr>
<tr>
<td>042261J</td>
<td>ME80 Master of Engineering Science (Mechanical Engineering Studies)</td>
<td>$9000</td>
</tr>
<tr>
<td>043122A</td>
<td>GS37 Master of Entrepreneurship and Innovation</td>
<td>$10000</td>
</tr>
</tbody>
</table>
**TABLE D - DOMESTIC UNDERGRADUATE NON-AWARD TUITION FEES**

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Type</th>
<th>Fee per credit point</th>
</tr>
</thead>
<tbody>
<tr>
<td>BS20</td>
<td>Management Certificate (Undergraduate)</td>
<td>$75</td>
</tr>
<tr>
<td>KD05</td>
<td>Certificate in Dance Teaching</td>
<td>$65</td>
</tr>
<tr>
<td>KD06</td>
<td>Advanced Certificate in Dance Teaching</td>
<td>$65</td>
</tr>
<tr>
<td>NA20</td>
<td>Master of IT Qualifying Program</td>
<td>$80</td>
</tr>
</tbody>
</table>

---

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

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

**Summer Program Tuition Fees**

<table>
<thead>
<tr>
<th>Students enrolled in a HECS course in a Summer Program unit which is part of the normal course progression</th>
<th>2003/2004</th>
</tr>
</thead>
<tbody>
<tr>
<td>Students enrolled in existing fee-paying courses</td>
<td>HECS</td>
</tr>
<tr>
<td>All other students (including QUT students and cross-institutional students)</td>
<td>Standard Tuition fee applies $70 per credit point</td>
</tr>
</tbody>
</table>

**HECS Courses With Summer As Normal Progression**

| Faculty of Built Environment and Engineering                                                                 |
|---------------------------------------------------------------------------------------------------------------|-----------|
| CE45                                                            | HECS in specified units |
| Bachelor of Engineering (Civil) - Mid-year entry                                                             | HECS      |
| Dean’s Scholars                                                 | HECS      |
### SCHEDULE 2 – FEES AND CHARGES

| Faculty of Education | | |
|----------------------|------------------|
| Mid-year entry students into other Engineering courses | | |
| ED20 Graduate Diploma in Education (Early Childhood) | HECS in specified units |

| Faculty of Science | | |
|---------------------|------------------|
| SC01 Dean’s Scholars - (accelerated) | HECS in specified units |
| L50 Bachelor of Biotechnology Innovation | HECS in specified units |
| PH80 Masters in Applied Science | HECS in specified units |

### TABLE F - VISITING STUDENT TUITION FEES

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

<table>
<thead>
<tr>
<th>Student Type</th>
<th>2003 fee per credit point</th>
<th>2004 fee per credit point</th>
</tr>
</thead>
<tbody>
<tr>
<td>Students enrolled in any undergraduate unit</td>
<td>$75</td>
<td>$80</td>
</tr>
<tr>
<td>Students enrolled in a postgraduate unit offered by QUT Carseldine, Creative Industries, Faculties of Education or Health</td>
<td>$75</td>
<td>$80</td>
</tr>
<tr>
<td>Students enrolled in a postgraduate unit offered by the Faculty of Science</td>
<td>$85</td>
<td>$90</td>
</tr>
<tr>
<td>Students enrolled in a postgraduate unit offered by the Faculty of Law</td>
<td>$90</td>
<td>$100</td>
</tr>
<tr>
<td>Students enrolled in a postgraduate unit offered by the Faculty Built Environment and Engineering</td>
<td>$95</td>
<td>$100</td>
</tr>
<tr>
<td>Students enrolled in a postgraduate unit offered by the Faculties of Business</td>
<td>$105</td>
<td>$110</td>
</tr>
<tr>
<td>Students enrolled in a postgraduate unit offered by the Faculty of Information Technology</td>
<td>$80</td>
<td>$90</td>
</tr>
</tbody>
</table>

### TABLE G - STUDENT GUILD FEE

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

<table>
<thead>
<tr>
<th>Attendance Mode</th>
<th>2003</th>
<th>2004</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full-time</td>
<td>$242.00</td>
<td>$242.00</td>
</tr>
<tr>
<td>Part-time</td>
<td>$121.00</td>
<td>$121.00</td>
</tr>
<tr>
<td>External</td>
<td>$48.40</td>
<td>$48.40</td>
</tr>
</tbody>
</table>

### TABLE H - QUT ADMINISTRATIVE CHARGES

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

<table>
<thead>
<tr>
<th>Type of Administrative Charge</th>
<th>2004 Charge (inc GST)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Late lodgement of application for admission</td>
<td>$50.00</td>
</tr>
<tr>
<td>Late lodgement of enrolment form</td>
<td>$50.00</td>
</tr>
<tr>
<td>Late addition to enrolment program</td>
<td>$50.00</td>
</tr>
<tr>
<td>Addition to enrolment program not made on prescribed form</td>
<td>$50.00</td>
</tr>
<tr>
<td>Reinstatement of enrolment following administrative cancellation</td>
<td>$100.00</td>
</tr>
</tbody>
</table>
| Review of Pass Grades (refundable):  
  Step 2: school level review | $20.00 |
|  Step 3: faculty level review | $30.00 |
| Copy of examination script | $10.00 |
| Statement of Academic Record | $10.00 |
| Re-issue of student ID card | $10.00 |
| Re-issue of Award Certificate | $50.00 |
| Re-issue of receipt for fees paid/statement of fees paid | $10.00 |
| Late fee for non-payment of fees | $50.00 |
| Re-issue of Final Notice of Enrolment and HECS liability | $10.00 |
| International Student application fee for award courses | $55.00 |
# TABLE I - DOMESTIC TUITION CANCELLATION CHARGES

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

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

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

* 25% PELS retention fee cannot be deferred to the ATO. Students in this situation will receive an invoice from QUT.
### TABLE J - INTERNATIONAL TUITION CANCELLATION CHARGES

These fees are set in accordance with rule 26, QUT Student Rules by the authority of the Vice-Chancellor. Students should note that academic penalties may also apply to withdrawal of units. Refer to Schedule 1.

<table>
<thead>
<tr>
<th>Unit Teaching Period</th>
<th>Withdrawal Rule</th>
<th>Cancellation Charge</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Semester 1 (SEM-1)</strong></td>
<td>From entire course, due to inability to obtain a visa or meet all the conditions stated in offer letter (commencing students only)</td>
<td>100% of tuition fee refunded</td>
</tr>
<tr>
<td><strong>Semester 2 (SEM-2)</strong></td>
<td>From entire course, prior to commencement date of teaching period (commencing students only)</td>
<td>10% of first semester’s tuition fee retained</td>
</tr>
<tr>
<td><strong>13 Week Teaching Period (13TP1-3)</strong></td>
<td>From entire course or leave of absence, within first four weeks of teaching period</td>
<td>50% of first semester’s tuition fee retained</td>
</tr>
<tr>
<td><strong>12 Week Teaching Period (12TP1-3)</strong></td>
<td>From entire course or leave of absence, after first four weeks of teaching period</td>
<td>100% of first semester’s tuition fee retained</td>
</tr>
<tr>
<td><strong>Semester 1 (SEM-1)</strong></td>
<td>From a unit(s) within first four weeks of teaching period</td>
<td>100% of unit tuition fee refunded</td>
</tr>
<tr>
<td><strong>Semester 2 (SEM-2)</strong></td>
<td>From a unit(s) after first four weeks of teaching period</td>
<td>100% of unit tuition fee retained</td>
</tr>
<tr>
<td><strong>6 Week Teaching Period (6TP1-6)</strong></td>
<td>From entire course, due to inability to obtain a visa or meet all the conditions stated in offer letter (commencing students only)</td>
<td>100% of tuition fee refunded</td>
</tr>
<tr>
<td><strong>6 Week Teaching Period (6TP1-6)</strong></td>
<td>From entire course, prior to commencement date of teaching period (commencing students only)</td>
<td>10% of first semester’s tuition fee retained</td>
</tr>
<tr>
<td><strong>6 Week Teaching Period (6TP1-6)</strong></td>
<td>From entire course or leave of absence, within first two weeks of teaching period</td>
<td>50% of first semester’s tuition fee retained</td>
</tr>
<tr>
<td><strong>6 Week Teaching Period (6TP1-6)</strong></td>
<td>From entire course or leave of absence, after first two weeks of teaching period</td>
<td>100% of first semester’s tuition fee retained</td>
</tr>
<tr>
<td><strong>6 Week Teaching Period (6TP1-6)</strong></td>
<td>From a unit(s) within first two weeks of teaching period</td>
<td>100% of unit tuition fee refunded</td>
</tr>
<tr>
<td><strong>6 Week Teaching Period (6TP1-6)</strong></td>
<td>From a unit(s) after first two weeks of teaching period</td>
<td>100% of unit tuition fee retained</td>
</tr>
<tr>
<td><strong>Summer Program (SUM)</strong></td>
<td>From a unit(s) within first two weeks of teaching period</td>
<td>100% of unit tuition fee refunded</td>
</tr>
<tr>
<td><strong>Summer Program (SUM)</strong></td>
<td>From a unit(s) after first two weeks of teaching period</td>
<td>100% of unit tuition fee retained</td>
</tr>
<tr>
<td><strong>5 Week Teaching Periods (5TP1-9)</strong></td>
<td>Withdrawal from course more than 28 days before commencement</td>
<td>100% of fees refunded</td>
</tr>
<tr>
<td><strong>5 Week Teaching Periods (5TP1-9)</strong></td>
<td>Withdrawal from course less than 28 days before course commencement</td>
<td>80% of fees refunded</td>
</tr>
<tr>
<td><strong>QUTIC English Language Programs</strong></td>
<td>Withdrawal from course after commencement General English (QC20, QC21)</td>
<td>100% of current teaching period fees are retained, 80% of remaining balance is refunded</td>
</tr>
<tr>
<td><strong>English Language (ELP) package programs</strong></td>
<td>Withdrawal from course more than 28 days before commencement</td>
<td>100% of fees refunded</td>
</tr>
<tr>
<td><strong>English Language (ELP) package programs</strong></td>
<td>Withdrawal from course less than 28 days before course commencement</td>
<td>80% of fees refunded</td>
</tr>
<tr>
<td><strong>English Language (ELP) package programs</strong></td>
<td>Withdrawal from EAP (QC10) course after commencement</td>
<td>100% of fees refunded</td>
</tr>
<tr>
<td><strong>QUTIC English Language Programs</strong></td>
<td>Withdrawal from course before commencement of ELP classes</td>
<td>10% of fees retained</td>
</tr>
<tr>
<td><strong>QUTIC English Language Programs</strong></td>
<td>Withdrawal from the course after the commencement of ELP classes</td>
<td>10% of ELP session tuition fee retained and 90% of remaining fees refunded.</td>
</tr>
</tbody>
</table>
ACCESS TO ASSESSMENT RESULTS

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

For units where percentage marks are calculated, such marks will be placed on the confidential individual student records located in the QUT Virtual web pages (https://qutvirtual.qut.edu.au/).

Faculty academic boards must make appropriate arrangements for students who request to peruse their own examination scripts or written answers to examination questions or other forms of assessment, provided that the request is made within three months of the release of the examination results. Should students request a photocopy of their script, a fee will be levied.

Where examination question papers or other forms of assessment will be re-used in successive examinations, faculty academic boards must arrange for students to receive advice on their performance with reference to their own examination scripts in a way which does not prejudice the examination mode.

ASSESSMENT FOR STUDENTS WITH DISABILITIES

Students with permanent or temporary disabilities have the right to alternative arrangements which are consistent with a commitment to academic excellence and the provision of equality of opportunity to enable students to fulfil course requirements.

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

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

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

Mode

- **Questioning modality**
eg b railed or audiotaped questions, viva voce testing, signing interpreter, etc.

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

Context

- **Time**
eg extended period to answer examination, respite breaks during an examination, extra time to complete assignments, deferral without penalty, etc.

- **Equipment**
eg tape recorder, brailler, print magnifier, electric typewriter, special desk for wheelchair, adapted laboratory equipment, etc.

- ** Separate examination room**

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

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

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

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

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

QUT POLICY ON CHILDREN OF STUDENTS ON CAMPUS

QUT recognises that students with children have additional demands placed upon them and that occasionally it may be necessary to bring a child or children onto campus.

This policy should be read in conjunction with the University’s policy on child care and family responsibilities.

This policy is available at:

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

Application

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

Principles

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

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

Consistent with these obligations, a student must consider the following issues prior to bringing a child on campus.
• It is anticipated that students will make all reasonable attempts to arrange alternative childcare before bringing a child to the workplace.
• Students should obtain approval from the relevant staff member as soon as practical, ie in advance if possible or on arrival.
• Children are excluded from areas with potentially dangerous equipment or where hazardous substances are present, from areas subject to particular statutory or local regulation, and from examinations in progress.
• A common sense approach is necessary when bringing children on campus. For example, children recently exposed to an infectious illness (eg chicken pox, rubella, mumps etc) or who are known to be ill must not be brought on campus.
• The child’s presence on campus should not result in disruption to the workplace, including classes and non-teaching areas such as the Library.

Procedures

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

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

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

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

INFORMATION ACCESS AND PRIVACY

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

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

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

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

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

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

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

Personal Information

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

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

Collection of Personal Information (Principle 1)

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

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

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

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

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

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

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

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

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

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

**Student assessment and publication of results**

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

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

**Security of Personal Information (Principle 3)**

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

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

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

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

**Breach of Policy (Principle 5)**

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

**DISABILITY SERVICES POLICY**

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

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

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

**Principles**

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

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

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

**Definitions**

- **Disability**
  As outlined in the relevant legislation, a disability may be either temporary or permanent, total or partial, physical, psychological or psychiatric, life-long or acquired. Also included are people who require devices or aids for assistance, or are accompanied by guide dogs.
• **Reasonable Accommodation**
  Reasonable accommodation refers to administrative, physical or procedural alterations required to ensure equal opportunity for a person with a disability.

• **Unjustifiable Hardship**
  In some cases it may be unreasonable for the University to make certain adjustments. Relevant circumstances in determining unjustifiable hardship include:
  - the nature of the benefit or detriment likely to accrue or be suffered by any persons concerned; and
  - the financial circumstances of the institution and the cost of making the required adjustments.

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

**Provisions**

QUT’s disability services policy makes the following provisions:

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

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

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

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

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

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

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

• **Non-Discriminatory Presentation and Practice**
  In accordance with QUT’s policy and guidelines on inclusive language and presentation (see MOPP section A/8.7), the University will endeavour to ensure that all essential educational, administrative and promotional material is available in alternative formats for access by people with disabilities.

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

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

**AWARDS WITH HONOURS**

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

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

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

Honours are awarded:

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

**EQUAL OPPORTUNITY POLICY**

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

In fulfilling this policy, the University aims to:

• promote the development of a University culture supportive of equity principles;
• ensure all of its management and educational policies and practices reflect and respect the social and cultural diversity contained within the University and the community it serves;
• ensure that the appointment and advancement of staff and admission and progression of students within QUT are determined on the basis of merit;
• provide equal employment and educational opportunities within QUT and identify and remove barriers to participation and progression in employment and education, and implement an affirmative action program for equity groups;
POLICY STATEMENTS

- eliminate unlawful discrimination against staff and students on the grounds of sex, marital status, pregnancy, breastfeeding, race, age, parenthood, physical, intellectual and mental impairment, religious belief, lawful sexual activity, trade union activity, criminal record, social origin, medical record, nationality, political belief or activity; and
- comply with state and federal legislation on discrimination, equal opportunity and affirmative action and binding international human rights instruments.

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

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

POLICY ON INCLUSIVE LANGUAGE AND PRESENTATION

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

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

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

For the purpose of this policy:

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

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

Responsibilities

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

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

SUPPLEMENTARY ASSESSMENT

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

Students may be granted:

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

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

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

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

Supplementary assessment should only be provided when a student receives:

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

Supplementary assessment will not be granted:

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

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

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

POLICY ON SMOKING

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

Smoking is also prohibited in QUT vehicles.
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Built Environment and Engineering

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OVERVIEW

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

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

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

The School of Design and Built Environment offers undergraduate and postgraduate courses across seven disciplines: architecture, industrial design, interior design, landscape architecture, surveying, urban and regional planning, and urban design. This unique combination of disciplines offers students and staff an outstanding opportunity for collaborative and interdisciplinary programs, and the School is building an international reputation for innovative interdisciplinary design and research. The courses are built around a project-oriented studio-centred learning environment. Projects are based in the real world, and through our part-time staff and collaborative projects, we maintain a strong link with practice, the community, government and industry. The School has a vigorous program to attract international and national practitioners and academics to run studios and lecture programs.

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

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

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

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

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

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

Research Areas
- Australian Housing and Urban Research Institute (AHURI)
- Asset Management and Maintenance
- Building and Infrastructure Systems
- Construction Management and Property
- Design
- Energy and Resource Management
- Medical Engineering
- Product Design and Manufacturing
- Speech, Audio, Image and Video Technologies
- Transport Systems

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

SENIOR STAFF

Dean: Professor M. Betts, BSc(Hons) Reading, PhD CNAA, FCIIOB, FRSA, FIEAust, CPEng
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School of Construction Management and Property
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PhD(Ind Inst Tech), CEng, CPEng, MIMechE, MIEAust,
MIE(India),SrMemSME, MemASME

RESEARCH CENTRES

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

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

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

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

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

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

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

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

Speech, Audio, Image and Video Technologies
This program conducts internationally competitive research in
order to solve practical problems through the application of
processes. Research focuses on state-of-the-art speech, audio and
video technologies including speech/speaker recognition and face
recognition person identification tracking and human activity
detection for forensic and security applications; speech coding for
storage and communication; speech synthesis for voice response
systems; audio compression for broadcasting, television and
Internet applications; video compression and enhancement and
restoration.

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

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

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

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

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

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

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

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

Professor Joseph Mathew, BSc(Eng) Manc, PhD Monash, MIEAust, MAAS, MASME, FIDE(UK)
Course Requirements and Notes Relating to Postgraduate Courses

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

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

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

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

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

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

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

Doctor of Project Management (CN89)
Award title: Doctor of Project Management
Location: Gardens Point
Course duration (full-time): 3 years
Total credit points: 288

Master of Applied Science (Research) (BN71)
Award title: Master of Applied Science (Research)
CRICOS code: 003462A
Location: Gardens Point
Course duration (full-time): 1 year (minimum), 2 years (maximum)
Course duration (part-time): 2 years (minimum), 4 years (maximum)

1. General Conditions
1.1 The Council of the Queensland University of Technology was established in 1989 under the Queensland University of Technology Act 1988.
1.2 The Council’s power to approve recommendations from Faculty Academic Boards regarding the registration, supervision and examination of research degree candidates and to develop policy and procedures relating to research degrees is exercised through a University Research Committee which is a subcommittee of University Academic Board.
1.3 University Research Committee has delegated responsibility for day-to-day administration of research masters degree courses to faculty academic boards. Academic boards shall report biannually to University Research Committee on progress made by Research Masters degree candidates.
1.4 This program is administered by the Academic Board of the Faculty of Built Environment and Engineering through its Faculty Research Committee. The program is offered in Architecture, Civil Engineering, Construction Management, Electrical and Electronic Systems Engineering, Industrial Design, Interior Design, Landscape Architecture, Mechanical, Manufacturing Engineering and Medical Engineering, Property Economics, Planning and Surveying.
1.5 In order to qualify for the award of the degree of Master of Applied Science (Research) or Master of Engineering a candidate must:
- have completed the approved program involving advanced work under the supervision of a Thesis Panel prescribed by the Faculty Research Committee of the Built Environment and Engineering Academic Board
- have submitted, and the Faculty Research Committee accepted a thesis, together with reports and/or documents where applicable, prepared under the supervision of the Thesis Panel
- have completed such other work as may be prescribed by the Faculty Research Committee, and
• submit to the Faculty Research Committee a declaration signed by the candidate that they have not been a candidate for another tertiary award without permission of the Faculty Research Committee.

2 - Registration
2.1 Applications shall be accepted subject to the availability of facilities and supervision.
2.2 Applications may be lodged with the Registrar at any time.
2.3 There is a six-month maximum period for domestic students and nine months for international students, between acceptance by the Faculty Research Committee and enrolment by the candidate in the Master of Applied Science (Research) or Master of Engineering before the offer of admission to the program lapses. Candidates are required to complete an enrolment form each semester.

A Note Regarding Enrolment
The Faculty and Student Services are to be advised of any changes to name, address or other personal details. Application to vary any aspect of the candidacy must be made in writing directly to the Faculty Research Committee for Built Environment and Engineering and be endorsed by the principal supervisor.
2.4 The minimum academic qualifications for admission to the Master of Applied Science (Research) or Master of Engineering are:
• a four-year degree in an appropriate discipline in which the candidate has received at least second class Honours from the Queensland University of Technology, or
• a qualification judged equivalent by the Faculty Research Committee, or
• a grade point average of 5.0 or better in a graduate diploma program, in a relevant discipline, together with demonstrated potential for further study and/or evidence of professional standing, or
• a grade point average of 5.0 or better in a coursework masters degree program in a relevant discipline, together with demonstrated potential for further study and/or evidence of professional standing.

An applicant for the Master of Applied Science (Research) or Master of Engineering program without the minimum entry requirement may present a case for admission based on the submission of evidence of qualifications which demonstrate the applicant’s capacity to pursue the course of study.
The case may be based on the following:
(a) three years professional experience in the general field in which the proposed work lies, or
(b) satisfactory completion of an appropriate Masters qualifying program including formal coursework and/or reading program in related fields stipulated by the Faculty Research Committee, or
(c) the submission of technical publications or other appropriate evidence which satisfies the Faculty Research Committee that advanced knowledge has been acquired in a branch of applied science relevant to the built environment or a division of engineering in which the applicant has worked as a professional practitioner in a position of responsibility. This knowledge should be relevant to the field of study proposed.
2.5 A candidate will be eligible to be registered as a graduate student if they are considered by Faculty Research Committee to meet the requirements for entry.
2.6 A candidate shall receive confirmed registration as a graduate student when they:
• have satisfied the requirements for admission and achieved by work and study a standard recognised by Faculty Research Committee, or
• have satisfied Faculty Research Committee that they are a suitable person to undertake the program, and
• have satisfied Faculty Research Committee that they can devote sufficient time to the research and study.
2.7 In considering an applicant for registration, the Faculty Research Committee shall, in addition to assessing the applicants suitability, be satisfied that:
• the proposed program is relevant to the aims and objectives of the University
• the proposed program has relevance to the needs of society or industry, and
• adequate resources are available to support the proposed program.
2.8 An application for registration should set out systematically and fully the candidates intended course of study including the following:
• a description of the area of study within which the candidates course lies
• a summary of the work to be undertaken, the proposed title of the thesis to be written, the aim of the proposed program, its background, the significance and possible application of the research program, and the research plan
• the location at which the work will be undertaken, the amount of time which will be devoted to it and the resources required
• details of academic qualifications and supporting evidence, including copies of results for each year of courses undertaken
• a brief account of industrial experience
• a list of publications
• sponsorship details
• statement of approval by Head of School and/or Postgraduate Research Coordinator, and
• any other relevant material.
2.9 The program is offered on a full-time or a part-time basis and may be undertaken externally. Part-time students normally will be employed in some professional capacity during the day and carry out their research projects on a part-time basis at QUT, in their place of employment or in a sponsoring organisation.
2.10 Full-time students may be on a scholarship from industry or QUT, and may carry out their research at QUT or in a sponsoring organisation. Normally full-time students would be expected to work on their research projects at QUT for not less than three-quarters of a normal working week, averaged over each year of candidacy. Such a candidate may not devote more than 300 hours annually to teaching activities, including preparation and marking.
2.11 A candidate may be based at QUT or at a place of employment or sponsoring institution. Normally, support of the sponsoring institution for the candidate’s application is required for registration. A candidate may also be external where their residence is outside of Brisbane.
2.12 The Faculty Research Committee may cancel a candidate’s registration if, after consulting a candidate’s supervisor and having taken account of all relevant circumstances, the committee is of the opinion that the candidate either has effectively discontinued their studies or has no reasonable expectation of completing the course of study within the maximum time allowed (see Section 4).
2.13 A candidate whose registration has lapsed or has been cancelled, and who wishes subsequently to re-enter the course of study to pursue a research program which is substantially the same as the previous investigation may be re-admitted under such conditions as the Faculty Research Committee shall prescribe.

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

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

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

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

3.5 The course of study normally will include:

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

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

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

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

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

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

3.7 Maximum and Minimum Coursework Requirements:

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

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

4 - Period of Time for Completion of Course of Study

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

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

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

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

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

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

5 - Supervision

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

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

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

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

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

1. Practice - previous supervisory experience of at least five years.

2. Research - evidence of active research through grants and publications

3. Continuous development

6 - Place and Conditions of Work

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

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

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

6.3 The Faculty Research Committee shall not admit a candidate to a program of research based at a sponsoring establishment unless it has received:
• a supporting statement from the employer or director of the sponsoring institution that they are aware of the course rules and are prepared to sponsor and support the applicant, that the applicant will be provided with facilities and time to undertake the research project and that they are willing to accept responsibility for supervising the applicant’s work, and
• a supporting statement from the head of the QUT school or Postgraduate Research coordinator in which the study is proposed indicating that, in their opinion, the applicant is a suitable person to undertake a research program leading to the Masters degree, that the program is supported, and that after examination of the proposed external facilities and supervision, the school is willing to accept the responsibility of supervising the work.

7 - Thesis
7.1 In the form of presentation, availability and copyright, the thesis shall comply with all the requirements of the document Requirements for Presenting Theses (Appendix 51 in the Manual of Policies and Procedures).
7.2 A candidate shall submit the title of their thesis for approval by the Faculty Research Committee with their application, and after approval has been granted, no change will be made except with the permission of the committee.
7.3 The candidate shall give two months’ written notice of intention to submit their thesis through the Principal Supervisor.
7.4 The thesis shall comply with the following requirements:
• a significant proportion of the work described (as determined by the Faculty Research Committee) must have been carried out subsequent to initial registration for the Masters degree.
• it must describe a program of work carried out by the candidate and must involve either an advanced contribution to the knowledge of the subject or an advanced application of existing knowledge.
• it must reach a satisfactory standard of literary presentation.
• it shall be the candidate’s own account of the work. Where work is carried out jointly with other persons, the Faculty Research Committee shall be advised of the extent of the candidate’s contribution to the joint work.
• the thesis shall not contain as its main content any work or material which the candidate has previously submitted for another degree or similar award.
• the thesis may consist primarily of reports, plans and/or documents or may be supported by these if they have a bearing on the subject of the thesis. Other supporting documents such as published papers may also be submitted with the thesis.
• the thesis shall contain an abstract of not more than 300 words.
7.5 Except with the specific permission of the Faculty Research Committee, the thesis must be presented in the English language. Such permission must be sought at the time of application for registration, and will not be granted solely on the grounds that the candidate’s ability to satisfy the examiners will be affected adversely by the requirement to present the thesis in English.
7.6 Subject to QUT’s Intellectual Property policy, the copyright of the thesis is vested in the candidate.
7.7 Where a candidate, supervisor or the sponsoring establishment wishes the thesis to remain confidential for a period of time after completion of the work, application for approval must be made to the Faculty Research Committee when the thesis is submitted. The period normally shall not exceed two years from the date on which the examiners recommend acceptance of the thesis, during which time the thesis will be held on restricted access in the QUT Library.
7.8 Except where confidentiality of the thesis is necessary, students shall submit their thesis electronically after completion of the examination process and any corrections required to the QUT Library for inclusion in the Australian Digital Thesis Project.

8 - Examination of Thesis
8.1 The Faculty Research Committee shall appoint three examiners, at least one of whom shall be from outside of the University. No supervisor of the candidate shall be appointed as one of the examiners.
8.2 Normally, examiners must agree to read and report upon the thesis within two months of its receipt.
8.3 A candidate may be required to make an oral defence of the thesis.
8.4 On receipt of the reports from the examiners, the Faculty Research Committee shall:
(a) recommend that the thesis be accepted without modification, and to Academic Board that the candidate be awarded the degree, or
(b) recommend to Academic Board that the candidate be awarded the degree, after any minor amendments requested by the examiners have been made, or
(c) recommend that the thesis not be accepted until major revisions have been made. Such revisions might be rewriting one of the sections, with or without additional work, or
(d) not accept the thesis and terminate the candidate’s registration.
8.5 If the examiners’ reports are conflicting, the Faculty Research Committee may, after appropriate consultation with the Thesis Panel, resubmit the thesis to the examiners with copies of the examiners’ reports and/or seek the advice of a further external examiner. After due consideration of further reports from the examiners, a majority decision will be accepted by the Faculty Research Committee.

MASTER OF BUILT ENVIRONMENT (URBAN DESIGN) (DB73)
Award title: Master of Built Environment
CRICOS code: 003475G
Location: Gardens Point
Course duration (full-time): 3 semesters including Summer semester
Course duration (part-time): 5 semesters
Total credit points: 144
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Dr Danny O’Hare

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

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

Course structure
Summer Semester - Introductory Unit
PSP275 Introductory Design and Graphics
Available in three modules to suit individual needs. Fee $320 per module.
Year 1, Semester 1 Full-time Structure
ARB081 History, Theory and Criticism of Urban Design
ARB082 Urban Design Studio B
PSP453 Urban Systems and the Physical Environment
Year 1, Semester 2
PSN211 Research Project 1
PSP451 Production and Use of the Built Environment
Course Information and Requirements

There are three programs for Master of Engineering Management, each offering different specializations and study periods. Here is a detailed overview:

**Master of Engineering Management (BN72)**
Award title: Master of Engineering Management
CRICOS code: 003465J
Location: Gardens Point
Course duration (full-time): 1 year (minimum), 2 years (maximum)
Course duration (part-time): 2 years (maximum)
Discipline coordinator: Assoc Prof Mahen Mahedran (Civil Engineering); Prof Sridha Sridharan (Electrical and Electronic Systems Engineering); Prof Mark Pearcy (Mechanical Manufacturing and Medical Engineering)

**Course Information and Notes**
Please consult notes for BN71 Master of Applied Science for course information and requirements.

**Master of Engineering Management (ME73)**
Award title: Master of Engineering Management
Course duration (full-time): 1 year
Course duration (part-time): 2 years
Total credit points: 96
Standard credit points per semester (full-time): 48
Course coordinator: Dr Jun Wang
Location: Malaysia (organised by Meteor Learning Sdn Bhd)

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

**Master of Engineering Management (ME76)**
Award title: Master of Engineering Management
CRICOS code: 006368G
Location: Gardens Point
Course duration (full-time): 1 year
Course duration (part-time): 2 years
Total credit points: 96
Standard credit points per semester (full-time): 48
Course coordinator: Dr Jun Wang

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

**Master of Engineering Management (ME78)**
Award title: Master of Engineering Management
Course duration (full-time): 1 year
Course duration (part-time): 2 years
Total credit points: 96
Standard credit points per semester (full-time): 48
Course coordinator: Dr Jun Wang
Location: China (Organised by SJTU - Shanghai Jiao Tong University).

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

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**Course structure**

**Block Mode**
- MEN177 Total Quality Management
- MEN171 Advanced Manufacturing Technologies
- MEN241 Reliability and Maintenance Management
- MEN280 Engineering Project Management
- MEN273 Engineering Knowledge Management
- MEN172 Cost Analysis and Asset Management
- MEN175 Energy and Environmental Management
- MEN170 Systems Modelling and Simulation
- MEN272 Enterprise Resource Planning

A graduate level unit from any School within the University*

**Semester 1 or 2**
- MEN190-1 Project
- MEN190-2 Project

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

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

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

* Permission of the course coordinator required.
Master of Engineering Science (Civil Engineering Studies) (CE75)

Award title: Master of Engineering Science (Civil Engineering Studies)
CRICOS code: 042259C
Location: Gardens Point
Course duration (full-time): 1 year
Course duration (part-time): 2 years
Total credit points: 96
Course coordinator: Mr Yin Foong

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

Course structure
Full-time Course Structure

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

Band 1 - Semester 1
CEP201 Process Modelling
CEP291 Environmental Law and Assessment
EEP101 Algorithms for Control and Engineering
EEP102 Unix and C for Engineers
EEP103 Computer Hardware and Interfacing
MEN101 Research Methodology
MEN280 Engineering Project Management

Band 1 - Semester 2
CEP141 Studies in Environmental Engineering
CEP295 Civil Engineering Management in a Project Environment
EEP129 Image Processing and Computer Vision
MEN170 Systems Modelling and Simulation
MEN172 Cost Analysis and Asset Management

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

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

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

Band 3 Project
Students must complete their 24 cp project over one or two semesters (summer semester is an option) by enrolling in the following two 12 cp units.
CEP997-1 Project
CEP997-2 Project
Students must consult with course coordinator before enrolling in CEP176.

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

Award title: Master of Engineering Science (Computer Engineering) or Master of Engineering Science (Communication Engineering)
CRICOS code: 040343A
Location: Gardens Point
Course duration (full-time): 1 year
Course duration (part-time): 2 years
Total credit points: 96
Standard credit points per semester (full-time): 48
Course coordinator: Mr John Edwards

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

EEP301/1 Project
EEP301/2 Project.

Course Design

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

Course Structure

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

Elective unit 1

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

Elective unit 2

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

Note: Masters students select a total of 6 units from the list and must complete a 24 credit point project. At the discretion of the course coordinator, students maybe allowed to select an elective from any advanced topics offered by the University.

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

Award title: Master of Engineering Science (Electrical Engineering Studies)
CRICOS code: 042260K
Location: Gardens Point
Course duration (full-time): 1 year
Course duration (part-time): 2 years
Total credit points: 96
Course coordinator: Mr John Edwards

Course structure

Full-time Course Structure

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

Semester 1
CEP291 Environmental Law and Assessment
CEP201 Process Modelling
EEP101 Algorithms for Control and Engineering
EEP102 Unix and C for Engineers
EEP103 Computer Hardware and Interfacing
MEN101 Research Methodology
MEN280 Engineering Project Management

Semester 2
CEP141 Studies in Environmental Engineering
CEP295 Civil Engineering Management in a Project Environment
EEP129 Image Processing and Computer Vision
MEN170 Systems Modelling and Simulation
MEN172 Cost Analysis and Asset Management

Band 2 Units
Choose 3 units from the range of Band 2 units. The following units are offered in EE61/66/76, and may be cancelled due to insufficient enrolment numbers. Students are advised to check the unit availability prior to enrolling.

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

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

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

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

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

Award title: Master of Engineering Science (Electricity Supply Engineering)
Location: Gardens Point and External
Course duration (full-time): 1 year
Course duration (part-time): 2 years
Total credit points: 96
Standard credit points per semester (full-time): 48
Course coordinator: Assoc Prof David Birtwhistle

Course Structure

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

Full-time Course Structure

Structure
18 Units (selected from List)
EEP230 Thesis A
EEP231 Thesis B
*Students must complete 100 days of supervised professional practice. The thesis is related to this industry experience.

Unit List
EEP201 Fundamentals of Power System Earthing
EEP202 Thermal Ratings and Heat Transfer
EEP203 Testing and Condition Monitoring
EEP204 Power System Load Flow Analysis
EEP205 Power System Fault Calculations
EEP206 Project Management
EEP207 Overhead Line Route Selection - Environmental Factors
EEP208 Economic Analysis for Power System Engineers
EEP209 Power System Harmonics
EEP210 Abnormal System Voltages
EEP211 Basic Power System Protection
EEP212 Advanced Power System Protection
EEP213 Statistics
EEP214 Risk Assessment in the Electricity Supply Industry
EEP215 Reliability
BUILT ENVIRONMENT AND ENGINEERING

EEP216  Overhead Line Design - Electrical
EEP217  Overhead Line Design - Mechanical
EEP218  Introduction to Automated System Control and Supervisory Systems
EEP219  High Voltage Substation Equipment: Power Transformers and Reactive Power Plant
EEP220  Distribution Planning
EEP223  Load Forecasting
EEP224  Power System Operation
EEP240  Organisation and Financial Management in the Electricity Supply Industry
EEP243  Contract Administration
EEP244  Circuit Breakers - Switchgear
EEP245  Introduction to Substation Design
EEP246  Customer Metering
EEP248  Introduction to Electricity Markets

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

EEP202  Thermal Ratings and Heat Transfer
EEP204  Power System Load Flow Analysis
EEP205  Power System Fault Calculations
EEP208  Economic Analysis for Power System Engineers
EEP209  Power System Harmonics
EEP210  Abnormal System Voltages
EEP211  Basic Power System Protection
EEP208  Economic Analysis for Power System Engineers
EEP213  Statistics
EEP212  Advanced Power System Protection
EEP214  Risk Assessment in the Electricity Supply Industry
EEP220  Distribution Planning
EEP215  Reliability
EEP241  Distance Protection

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

Award title: Master of Engineering Science (Mechanical Engineering Studies)
CRICOS code: 042261J
Location: Gardens Point
Course duration (full-time): 1 year
Course duration (part-time): 2 years
Total credit points: 96
Course coordinator: Dr R Mahalinga-Iyer

Course Design
The flexible Master of Engineering Science (Mechanical Engineering Studies) program allows students to choose 3 units from a common pool of units offered by all the Engineering Schools (Band 1). A band of Mechanical Engineering units is then offered from which students choose 3 (Band 2). Any units from Band 1 could also be chosen for Band 2 provided that they come from the School of Mechanical, Manufacturing and Medical Engineering. Mechanical Engineering Specialised units allow students to undertake study in areas of Mechanical Engineering, Infomechatronics, Engineering Management and general mechanical engineering, such as tribology, maintenance, manufacturing etc. The final component requires enrolment in a Mechanical Engineering Project (equivalent to 24 credit points) (Band 3).

Course Structure
Full-time Course Structure
Band 1 Units
Choose 3 units from the following Band 1 units.

Band 1 - Semester 1
CEP291  Environmental Law and Assessment
CEP294  Engineering Contract Development and Administration
EEP101  Algorithms for Control and Engineering
EEP102  Unix and C for Engineers
EEP103  Computer Hardware and Interfacing
MEN101  Research Methodology

Band 1 - Semester 2
CEP141  Studies in Environmental Engineering
CEP201  Process Modelling
CEP295  Civil Engineering Management in a Project Environment

EEP129  Image Processing and Computer Vision

Band 1 - Summer
MEN102  Advanced Mechanical Engineering Studies

Band 1 - Block Model
MEN170  Systems Modelling and Simulation
MEN172  Cost Analysis and Asset Management
MEN280  Engineering Project Management
#Block mode classes are held in teaching periods, which run consecutively for 5 weeks at a time, instead of semesters. Classes are held on Tuesday and Thursday from 4pm to 8pm, and Saturday from 9am to 5pm in the first two weeks of a teaching period. Please check QUT Virtual or the School Administration Officer for detailed teaching periods of the above block mode units.

Band 2 Units
3 units are to be chosen from the range of Band 2 units.

Band 2 - Block Model
MEN171  Advanced Manufacturing Technologies
MEN175  Energy and Environmental Management
MEN177  Total Quality Management
MEN241  Reliability and Maintenance Management
MEN272  Enterprise Resource Planning
MEN273  Engineering Knowledge Management
#For block mode classes see above.

Band 2 - Semester 1 or 2
MEN103  Mechanical Engineering Specialised Unit 1
MEN104  Mechanical Engineering Specialised Unit 2
MEN105  Mechanical Engineering Specialised Unit 3

Students must consult with the course coordinator before enrolling in MEN103, 104 or 105.

Band 3 Project
Project must normally be taken but may be substituted with the approval of the course coordinator for two additional Band 2 units.

Band 3 - Semester 1 or 2
MEN190-1  Project
MEN190-2  Project

Note
Unit MEN177 Total Quality Management must normally be taken, but may be substituted with the approval of the course coordinator if the student has adequate prior knowledge in the relevant field.

■ Master of Landscape Architecture (PS71)

Award title: Master of Landscape Architecture
CRICOS code: 020301K
Location: Gardens Point
Course duration (full-time): 1 year plus 1 year part-time Built Environment (Landscape Architecture) graduates or equivalent; 2 years plus 1 year part-time (Other graduates)
Course duration (part-time): 3 years Built Environment (Landscape Architecture); 5 years (Other graduates)
Total credit points: 228 (excluding any Masters qualifying units)
Course coordinator: Mr Glenn Thomas

Professional Recognition
Professional accreditation for the course has been granted by the Australian Institute of Landscape Architects.

Course Structure
Summer Semester - Introductory Unit
PSP275  Introductory Design and Graphics

For applicants entering the course from non Landscape Architecture or related qualification.

Foundation Level Studies
Year 1, Semester 1
(Entry for graduates of 3-year degree other than the Bachelor of Built Environment - Landscape Architecture)
PSB434  Landscape Construction A (L'Scape Only)
PSB413  Graphics or
PSB414  Professional Skills 1 or
PSB415  Contemporary Landscape Design or
PSB610  Government and Law
PSP263  Landscape Ecology
PSP264  Spatial Design Theory

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<thead>
<tr>
<th>Year, Semester</th>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>1, Semester 2</td>
<td>PSB444</td>
<td>Landscape Construction B (L’scape Only)</td>
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<tr>
<td></td>
<td>PSB417</td>
<td>Manual/Digital Graphics or Site Planning</td>
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<td></td>
<td>PSB432</td>
<td>History of Built Environment or Other elective approved by course coordinator</td>
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<tr>
<td></td>
<td>PSB442</td>
<td>Plant Studies (L’scape Only)</td>
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<tr>
<td></td>
<td>PSB268</td>
<td>Site Planning</td>
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<tr>
<td></td>
<td>Prerequisite: Selection of Foundation level units depends on individual student background - please consult course coordinator before finalising your enrolment.</td>
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<tr>
<td>2, Semester 2</td>
<td>PS269</td>
<td>Advanced Construction and Practice 1</td>
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<td>PS270</td>
<td>Elective</td>
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<td>PS271</td>
<td>Advanced Landscape Design 1</td>
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<tr>
<td>3, Semester 2</td>
<td>PS272</td>
<td>Advanced Construction and Practice 2</td>
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<td>Landscape Planning</td>
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<td>PS274</td>
<td>Advanced Landscape Design 2</td>
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### Masters Level Studies

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<th>Course Code</th>
<th>Course Title</th>
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<tr>
<td>3, Semester 1</td>
<td>PSN211</td>
<td>Research Project 1</td>
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<td>PSN213</td>
<td>Specialisation</td>
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<td>PSN214</td>
<td>Elective</td>
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<tr>
<td>4, Semester 2</td>
<td>PSN212</td>
<td>Research Project 2</td>
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<td>PSN214</td>
<td>Elective</td>
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<tr>
<td>Note: PSN214 may be taken in either semester one or two.</td>
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### Part-time Course Structure

#### Summer Semester - Introductory Unit

<table>
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<tr>
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<th>Course Title</th>
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<tbody>
<tr>
<td>PS275</td>
<td>Introductory Design and Graphics</td>
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</table>

For applicants entering the course from non Landscape Architecture or related qualification.

### Foundation Level Studies

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<tr>
<th>Year, Semester</th>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>1, Semester 1</td>
<td>PSB434</td>
<td>Landscape Construction A (L’scape Only)</td>
</tr>
<tr>
<td></td>
<td>PSB413</td>
<td>Graphics or Professional Skills 1 or Contemporary Landscape Design</td>
</tr>
<tr>
<td></td>
<td>PSB414</td>
<td>or Government and Law</td>
</tr>
<tr>
<td>1, Semester 2</td>
<td>PSB444</td>
<td>Landscape Construction B (L’scape Only)</td>
</tr>
<tr>
<td></td>
<td>PSB417</td>
<td>Manual/Digital Graphics or History of Built Environment</td>
</tr>
<tr>
<td></td>
<td>PSB432</td>
<td>or Other elective approved by the course coordinator.</td>
</tr>
<tr>
<td>Note: PSN214 may be taken in either semester one or two.</td>
<td></td>
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</tr>
</tbody>
</table>

#### Year 2, Semester 1

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
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<tbody>
<tr>
<td>PS263</td>
<td>Landscape Ecology</td>
</tr>
<tr>
<td>PS264</td>
<td>Spatial Design Theory</td>
</tr>
<tr>
<td>2, Semester 2</td>
<td>PSB442</td>
</tr>
<tr>
<td></td>
<td>PS270</td>
</tr>
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</table>

### Professional Level Studies

<table>
<thead>
<tr>
<th>Year, Semester</th>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>3, Semester 1</td>
<td>PS269</td>
<td>Advanced Construction and Practice 1</td>
</tr>
<tr>
<td></td>
<td>PS270</td>
<td>Elective</td>
</tr>
<tr>
<td>3, Semester 2</td>
<td>PS272</td>
<td>Advanced Construction and Practice 2</td>
</tr>
<tr>
<td></td>
<td>PS273</td>
<td>Landscape Planning</td>
</tr>
<tr>
<td>4, Semester 1</td>
<td>PS271</td>
<td>Advanced Landscape Design 1</td>
</tr>
<tr>
<td>4, Semester 2</td>
<td>PS274</td>
<td>Advanced Landscape Design 2</td>
</tr>
</tbody>
</table>

### Master of Project Management (CN77)

**Award title:** Master of Project Management  
**CRICOS code:** 016350B  
**Location:** Gardens Point  
**Course duration (full-time):** 1.5 years  
**Course duration (part-time):** 3 years  
**Total credit points:** 144  
**Standard credit points per semester (full-time):** 48  
**Course coordinator:** Dr Stephen Kajewski

### Course Structure Information

The first two semesters full-time or four semesters part-time are identical to the Graduate Diploma in Project Management (CN64). Persons admitted to the Masters program who are graduates of the Graduate Diploma in Project Management (CN64) will need to submit an Application for Academic Credit form for the units they have already completed. At the completion of the coursework component of the Masters Degree program but before the completion of the Dissertation, students may elect to exit with the Graduate Diploma in Project Management.

### Course Structure

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

- **CNP520** Project Management  
- **CNP521** Project Cost and Risk Management  
- **CNP532** Innovation and Technology Management  
- **CNP551** Project Human Resource Management

#### Year 1, Semester 2

- **CNP534** International Project Management  
- **CNP533** Project Management Law  
- **Two Electives**

#### Year 2, Semester 1

- **CNN442-1 Dissertation**  
- **CNN442-2 Dissertation**  
- **Includes Research Methodology lectures and incorporates Advanced Information Retrieval Skills**

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

- **CNP521** Project Cost and Risk Management  
- **CNP533** Project Management Law  
- **CNP534** International Project Management

#### Year 2, Semester 2

- **CNP532** Innovation and Technology Management  
- **CNP551** Project Human Resource Management

#### Year 2, Semester 1

- **CNN442-1 Dissertation**  
- **CNN442-2 Dissertation**

### Master of Property Economics (CN92)

**Award title:** Master of Property Economics  
**CRICOS code:** 036432A  
**Location:** Gardens Point  
**Course duration (full-time):** 1.5 years  
**Course duration (part-time):** 3 years  
**Total credit points:** 144  
**Standard credit points per semester (full-time):** 48  
**Course coordinator:** Prof Terry Boyd
Additional Information
The first two semesters full-time or four semesters part-time are identical to the Graduate Diploma in Property Economics (CN91). Persons admitted to the Masters program who are graduates of the Graduate Diploma in Property Economics (CN91) will need to submit an Application for Academic Credit form for the units they have already completed.

At the completion of the coursework component of the Masters Degree program but before the completion of the Dissertation, students may elect to exit with the Graduate Diploma in Property Economics.

Majors
While the course provides an overview of property as an asset, there are majors in Property Investment and Property Development. There are several common units across the majors however applicants are required to select one major.

Course Structure
Variations to the recommended study program require prior approval from the course coordinator.
Students who commence mid-year should enrol in Semester 2 units.

Course structure
Full-time Course Structure - Property Development Major - Year 1, Semester 1
CNN420 Dissertation 1/2
Full-time Course Structure - Property Investment and Management Major - Year 1, Semester 1
CNN547 Property Investment
CNN555 Property Market Analysis
CNN556 Property Management and Contracts
EFN406 Managerial Finance
Year 1, Semester 2
CNN545 Project Development
CNN554 Advanced Land Development
Two Electives
Year 2, Semester 1
CNN442 Dissertation 1/2
Part-time Course Structure - Property Development Major - Year 1, Semester 1
CNN547 Property Investment
CNN555 Property Market Analysis
Year 1, Semester 2
CNN545 Project Development
CNN554 Advanced Land Development
Year 2, Semester 1
CNN540 Project Management
CNN521 Project Cost and Risk Management
Year 2, Semester 2
Two Electives
Year 3, Semester 1
CNN442-1 Dissertation
CNN442-2 Dissertation
Part-time Course Structure - Property Investment and Management Major - Year 1, Semester 1
CNN547 Property Investment
CNN555 Property Market Analysis
Year 1, Semester 2
CNN101 Facilities Management
CNN557 Property Portfolio Analysis
Year 2, Semester 1
CNN556 Property Management and Contracts
EFN406 Managerial Finance
Year 2, Semester 2
Two Electives
Year 3, Semester 1
CNN442-1 Dissertation
CNN442-2 Dissertation

■ Master of Urban and Regional Planning (PS70)
Award title: Master of Urban and Regional Planning
CRICOS code: 020299K
Location: Gardens Point
Course duration (full-time): 1.5 for Bachelor of Built Environment graduates; 2.5 for other graduates
Course duration (part-time): 2.5 years for Bachelor of Built Environment graduates; 3.5-4.5 years for other graduates
Total credit points: 240
Course coordinator: Assoc Prof Phil Heywood

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

Full-time Course Structure
Foundation Studies (non BBE graduates only)
Summer Semester
DBP403 Design Communication
Year 1, Semester 1
DBP401 Urban and Site Analysis
DBP402 Planning Processes
DBP406 Computer Applications in Planning
Year 1, Semester 2
DBP404 Economic and Social Foundations of Planning
DBP405 Urban Design
DBP407 Environmental Planning and Management
DBP408 Planning Implementation and Law
Professional Studies (Graduate Diploma)
Year 2, Semester 1
DBP409 Urban Planning Practice
DBP410 Research Methods in Planning
DBP412 Planning Theory and Ethics
DBP411 Community Planning
Year 2, Semester 2
DBP413 Regional Planning Practice
DBP414 Regional and Metropolitan Policy
DBP415 Professional Practice or Research Project
DBP416 Elective
DBP417 Comparative Planning
Specialisation and Practice Studies (Masters)
Year 3, Semester 1
DBP501 Specialisation
DBP502 Professional Practice or Research Dissertation
DBP503 Masters Seminar
Notes:
DBP416 Elective maybe undertaken in Semester 1 or 2 in the second year of the program depending on staff availability.
DBP501 & DBP416 Elective offers Specialisations in Tourism, Urban Design, and Local Economic Development and Environmental Planning and Spatial Information for Planning. Other topics may be offered in either semester depending upon staff availability.
With approval of the course coordinator DBP411 may be taken in year 1 or 2.
The following units are offered in both Semesters 1 and 2:
DBP415 Professional Practice or Research Project
DBP416 Elective
DBP417 Comparative Planning (0cp)
DBP501 Specialisation
DBP502 Professional Practice or Research Dissertation (24cp)
Part-time Course Structure - 50% Progression Rate
Foundation Studies (non BBE graduates only)
Summer Semester
DBP403 Design Communication
Year 1, Semester 1
DBP401 Urban and Site Analysis
DBP402 Planning Processes
Year 1, Semester 2
DBP404 Economic and Social Foundations of Planning
DBP405 Urban Design

Q U T H A N D B O O K 2 0 0 4  •  P A G E  5 5
Graduate Diploma in Civil Engineering (CE64)

Award title: Graduate Diploma in Civil Engineering
CRICOS code: 036430C
Location: Gardens Point
Course duration (full-time): 1 year
Course duration (part-time): 2 years
Total credit points: 96
Course coordinator: Mr Yin Foong

Course structure

Environmental Engineering Major
Semester 1
CEP291 Environmental Law and Assessment
3 Electives from the list below
Semester 2
CEP141 Studies in Environmental Engineering
3 Electives from the list below

Transportation Engineering Major
Semester 1
CEP218 Transportation Engineering
3 Electives from the list below
Semester 2
CEP216 Advanced Traffic Engineering
3 Electives from the list below

Electives - Semester 1
CEP127 Road and Traffic Engineering
CEP142 Water Pollution Control
CEP201 Process Modelling
CEP218 Transportation Engineering
CEP291 Environmental Law and Assessment
CEP293 Pavement Design

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

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

Graduate Diploma in Electricity Supply Engineering (EE60)

Award title: Graduate Diploma in Electricity Supply Engineering
Location: Gardens Point and External
Course duration (full-time): 1 year
Course duration (part-time): 2 years
Total credit points: 96
Standard credit points per semester (full-time): 48
Course coordinator: Assoc Prof David Birtwhistle

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

Course structure

Semester 1
EEP201 Fundamentals of Power System Earthing
EEP202 Thermal Ratings and Heat Transfer
EEP203 Testing and Condition Monitoring
EEP204 Power System Load Flow Analysis
EEP205 Power System Fault Calculations
EEP206 Project Management
EEP208 Economic Analysis for Power System Engineers
EEP209 Power System Harmonics
EEP210 Abnormal System Voltages
EEP211 Basic Power System Protection
EEP213 Statistics
EEP218 Introduction to Automated System Control and Supervisory Systems
EEP219 High Voltage Substation Equipment: Power Transformers and Reactive Power Plant
EEP240 Organisation and Financial Management in the Electricity Supply Industry
EEP243 Contract Administration
EEP248 Introduction to Electricity Markets

Semester 2
EEP207 Overhead Line Route Selection - Environmental Factors
**Mid-year Entry Full-time Course structure**

**Year 1, Semester 2**
- PSB631 Geographic Information Systems 1
- PSB655 Remote Sensing
- 2 Electives*

**Year 2, Semester 1**
- PSB654 Topics in Spatial Information Science
- PSN213 Specialisation
- 2 Electives*

**Electives* (subject to availability)**
Please consult with the Course Coordinator before finalising your enrolment.
Please refer to the list below.

**Mid-year Entry Part-time Course structure**

**Year 1, Semester 2**
- PSB631 Geographic Information Systems 1
  - 1 Elective*

**Year 2, Semester 1**
- PSB654 Topics in Spatial Information Science
  - 1 Elective*

**Year 2, Semester 2**
- PSB655 Remote Sensing
  - 1 Elective*

**Year 3, Semester 1**
- PSN511 Specialisation
  - 1 Elective*

**Electives* (subject to availability)**
Please consult with the Course Coordinator before finalising your enrolment.
Please refer to the list below.

**Electives* (Subject to availability)**

**Semester 1**
- BNB011 Fundamentals of Synthetic Environments
- DBP401 Urban and Site Analysis
- DBP402 Planning Processes
- PSB432 History of Built Environment
- PSB612 Spatial and Land Information Management
- PSB630 Cartography and Digital Mapping
- PSB643 Geodesy
- PEP311 Professional Practice Management

**Semester 2**
- BNB011 Fundamentals of Synthetic Environments
- DBP407 Environmental Planning and Management
- PSB632 Photogrammetry
- PSB633 Map Production: Principles and Practice
- PSB644 Advanced Geodesy
- PEP268 Site Planning
- PEP273 Landscape Planning

**Notes:**
Please consult with the course coordinator before finalising your enrolment.
Full-time students are required to enrol in 48 credit points per semester. This includes two core units and two electives per semester (from the list above or from other undergraduate and postgraduate units).
Part-time students are required to enrol in 24 credit points per semester. Select one core unit and any other unit from the electives listed, of from other undergraduate and postgraduate units.

Please note: Electives are subject to availability

**Semester 1:** PSB643 Geodesy
**Semester 2:** PSB633 Map Production: Principles & Practice; PSB644 Advanced Geodesy; PSB654 Topics in Spatial Information Science

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**Graduate Diploma in Geomatics (PS74)**

**Award title:** Graduate Diploma in Geomatics

**CRICOS code:** 036437G

**Location:** Gardens Point

**Course duration (full-time):** 2 semesters
**Course duration (part-time):** 4 semesters

**Award title:** Graduate Diploma in Geomatics

**CRICOS code:** 040337K

**Location:** Gardens Point

**Course coordinator:** Dr John Hayes

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

**Full-time Course structure**

**Year 1, Semester 1**
- PSB631 Geographic Information Systems 1
- PSB655 Remote Sensing
  - Two Electives*

**Year 1, Semester 2**
- PSB654 Topics in Spatial Information Science
- PSN213 Specialisation
  - Two Electives*

**Electives* (subject to availability)**
Please consult with the Course Coordinator before finalising your enrolment.
Please refer to the list below.

**Part-time Course structure**

**Year 1, Semester 1**
- PSB631 Geographic Information Systems 1
  - 1 Elective*

**Year 1, Semester 2**
- PSB654 Topics in Spatial Information Science
  - 1 Elective*

**Year 2, Semester 1**
- PSB655 Remote Sensing
  - 1 Elective*

**Year 2, Semester 2**
- PSN213 Specialisation
  - 1 Elective*

**Electives* (subject to availability)**
Please consult with the Course Coordinator before finalising your enrolment.
Please refer to the list below.
Full-time Course Structure - February Entry

Year 1, Semester 1
PSB311 Professional Practice Management
PSB316 Survey Computing and Processing
2 Electives*

Year 1, Semester 2
PSB323 Project Site Surveys
PSB326 GIS and GPS
2 Electives*

Notes:
Please consult with the Course Coordinator before finalising your enrolment.
Full-time students are required to enrol in 48 credit points per semester.
This includes two core units per semester and two Electives from the Electives listed, or from other undergraduate and postgraduate units.

Part-time Course Structure - February Entry

Year 1, Semester 1
PSB316 Survey Computing and Processing
Elective*

Year 1, Semester 2
PSB323 Project Site Surveys
Elective*

Year 2, Semester 1
PSB311 Professional Practice Management
Elective*

Year 2, Semester 2
PSB326 GIS and GPS
Elective*

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

Full-time Course Structure - July Entry

Year 1, Semester 2
PSB323 Project Site Surveys
PSB326 GIS and GPS
2 Electives*

Year 2, Semester 1
PSB311 Professional Practice Management
PSB316 Survey Computing and Processing
2 Electives*

Notes:
Please consult with the Course Coordinator before finalising your enrolment.
Full-time students are required to enrol in 48 credit points per semester.
This includes two core units per semester and two Electives from the Electives listed, or from other undergraduate and postgraduate units.

Part-time Course Structure - July Entry

Year 1, Semester 1
PSB323 Project Site Surveys
Elective*

Year 2, Semester 1
PSB316 Survey Computing and Processing
Elective*

Year 2, Semester 2
PSB326 GIS and GPS
Elective*

Year 3, Semester 1
PSB311 Professional Practice Management
Elective*

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

PS74 - Electives* (subject to availability)

Semester 1
BNB011 Fundamentals of Synthetic Environments
DBP401 Urban and Site Analysis
DBP402 Planning Processes
PSB432 History of Built Environment
PSB612 Spatial and Land Information Management
Graduate Diploma in Interior Design (AR62)
Award title: Graduate Diploma in Interior Design
CRICOS code: 006361D
Location: Gardens Point
Course duration (full-time): 1 year
Course duration (part-time): 2 years
Total credit points: 96
Standard credit points per semester (full-time): 48
Course coordinator: Dr Dianne Smith

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

Course Structure
Full-time Course Structure
Semester 1
ADP107 Interior Design 7
ADP114 Professional Studies 1
ADP161 Interior Research 1
ADP155 Interior as a Construct 1

Semester 2
ADP108 Interior Design 8
ADP156 Interior as a Construct 2
ADP162 Interior Research 2
ADP932 Professional Studies 2

Part-time Course Structure
Year 1, Semester 1
ADP114 Professional Studies 1
ADP155 Interior as a Construct 1

Year 1, Semester 2
ADP932 Professional Studies 2
ADP156 Interior as a Construct 2

Year 2, Semester 1
ADP107 Interior Design 7
ADP161 Interior Research 1

Year 2, Semester 2
ADP108 Interior Design 8
ADP162 Interior Research 2

Graduate Diploma in Landscape Architecture (PS66)
Award title: Graduate Diploma in Landscape Architecture
CRICOS code: 003478D
Location: Gardens Point
Course duration (full-time): 1 year BBlt Env (L’scape Arch) graduates; 2 years other graduates
Course duration (part-time): 2 years BBlt Env (L’scape Arch) graduates; 4 years (other graduates)
Total credit points: 192
Course coordinator: Mr Glenn Thomas

Full-time Course Structure
Summer Semester - Introductory Unit
PSP275 Introductory Design and Graphics
For applicants entering the course from non design disciplines.

Foundation Level Studies
Year 1, Semester 1
(Entry for graduates of 3-year degree or diploma other than the Bachelor of Built Environment - Landscape Architecture)
PSB434 Landscape Construction A (L’scape Only)
PSB413 Graphics
or
PSB414 Professional Skills 1
or
PSB415 Contemporary Landscape Design
or
PSB610 Government and Law

Year 2, Semester 2
PSP268 Site Planning

Professional Level Studies
Year 3, Semester 1
(Entry for Bachelor of Built Environment - Landscape Architecture graduates)
PSB269 Advanced Construction and Practice 1
PSP270 Elective
PSP271 Advanced Landscape Design 1

Year 2, Semester 2
PSP272 Advanced Construction and Practice 2
PSP273 Landscape Planning
PSP274 Advanced Landscape Design 2

Part-time Course Structure
Summer Semester - Introductory Unit
PSP275 Introductory Design and Graphics
For applicants entering the course from non design disciplines.

Foundation Level Studies
Year 1, Semester 1
(Entry for graduates of 3-year degree or diploma other than the Bachelor of Built Environment - Landscape Architecture)
PSB434 Landscape Construction A (L’scape Only)
PSB413 Graphics
or
PSB414 Professional Skills 1
or
PSB415 Contemporary Landscape Design
or
PSB610 Government and Law

Year 2, Semester 2
PSP268 Site Planning

Professional Level Studies
Year 3, Semester 1
(Entry for Bachelor of Built Environment - Landscape Architecture graduates)
PSB269 Advanced Construction and Practice 1
PSP270 Elective

Year 2, Semester 2
PSP272 Advanced Construction and Practice 2
PSP273 Landscape Planning

Year 4, Semester 1
PSP271 Advanced Landscape Design 1

Year 4, Semester 2
PSP274 Advanced Landscape Design 2

Graduate Diploma in Project Management (CN64)
Award title: Graduate Diploma in Project Management
CRICOS code: 006362C
Location: Gardens Point
Course duration (full-time): 1 year
Course duration (part-time): 2 years
Total credit points: 96
Standard credit points per semester (full-time): 48
Course coordinator: Dr Stephen Kajewski
Course Structure
In the Graduate Diploma students complete coursework units from the Masters degree with a range of elective options available. Variations to the recommended study program require prior approval from the course coordinator. School electives are offered subject to an appropriate enrolment each semester. Persons admitted to the Graduate Diploma who are graduates of the Graduate Certificate in Project Management (CN81) will need to submit an application for Academic Credit form for the units they have already completed.

Course Structure
Full-time Course Structure - Year 1, Semester 1
CNP520 Project Management
CNP521 Project Cost and Risk Management
CNP532 Innovation and Technology Management
CNP551 Project Human Resource Management
Year 1, Semester 2
CNP534 International Project Management
CNP533 Project Management Law
Two Electives

Part-time Course Structure - Year 1, Semester 1
CNP520 Project Management
CNP521 Project Cost and Risk Management
Year 1, Semester 2
CNP533 Project Management Law
CNP534 International Project Management
Year 2, Semester 1
CNP532 Innovation and Technology Management
CNP551 Project Human Resource Management
Year 2, Semester 2
Two Electives

Graduate Diploma in Property Economics (CN91)
Award title: Graduate Diploma in Property Economics
CRICOS code: 036428G
Location: Gardens Point
Course duration (full-time): 1 year
Course duration (part-time): 2 years
Total credit points: 96
Standard credit points per semester (full-time): 48
Course coordinator: Prof Terry Boyd

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

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

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

Part-time Course Structure - Property Investment and Management major - Year 1, Semester 1
CNP547 Property Investment
CNP555 Property Market Analysis
Year 1, Semester 2
CNP100 Facilities Management
CNP557 Property Portfolio Analysis
Two Electives

Graduate Diploma in Surveying Practice (PS68)
Award title: Graduate Diploma in Surveying Practice
CRICOS code: 035440G
Location: Gardens Point
Course duration (full-time): 1 year (February entry only)
Course duration (part-time): 2 years
Total credit points: 96
Course coordinator: Dr John Hayes

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

Full-time Course Structure - February Entry
Year 1, Semester 1
PSP311 Professional Practice Management
PSP314 Boundary Definition Surveys 1
PSP316 Survey Computing and Processing
Elective
Year 1, Semester 2
PSP323 Project Site Surveys
PSP326 GIS and GPS
Elective

Electives - Semester 1
PSP317 Property Development Surveys
PSP329 Urban Drainage for Surveyors

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

Notes:
Please consult with course coordinator before finalising your enrolment.
*Electives are offered subject to availability

Part-time Course Structure - February Entry
Year 1, Semester 1
PSP314 Boundary Definition Surveys 1
PSP316 Survey Computing and Processing
Year 1, Semester 2
PSP323 Project Site Surveys
PSP326 GIS and GPS
Year 2, Semester 1
PSP311 Professional Practice Management
Choose 1 Elective*
Year 2, Semester 2
Choose 2 Electives*

*Electives
Please refer to Full-time Course Structure.

Notes:
Please consult with the course coordinator before finalising your enrolment.
*Electives are offered subject to availability

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Graduate Diploma in Urban and Regional Planning (PS72)
Award title: Graduate Diploma in Urban and Regional Planning
CRICOS code: 003477E
Location: Gardens Point
Course duration (full-time): 1 year for Bachelor of Built Environment graduates; 2 - 2.5 years for other graduates
Course duration (part-time): 2 years for Bachelor of Built Environment graduates; 3-4 years for other graduates
Total credit points: 192
Course coordinator: Assoc Prof Phil Heywood

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

Full-time Course Structure
*Foundation Studies (non BBE graduates only)*

**Year 1, Summer Program**
DBP403 Design Communication

**Year 1, Semester 1**
DBP401 Urban and Site Analysis
DBP402 Planning Processes
DBP406 Computer Applications in Planning

**Year 1, Semester 2**
DBP404 Economic and Social Foundations of Planning
DBP405 Urban Design
DBP407 Environmental Planning and Management
DBP408 Planning Implementation and Law

**Professional Studies (Graduate Diploma)**

**Year 2, Semester 1**
DBP409 Urban Planning Practice
DBP410 Research Methods in Planning
DBP412 Planning Theory and Ethics
DBP411 Community Planning

**Year 2, Semester 2**
DBP413 Regional Planning Practice
DBP414 Regional and Metropolitan Policy
DBP415 Professional Practice or Research Project
DBP416 Elective
DBP417 Comparative Planning
*DBP416 Elective offers Specialisations in Tourism, Urban Design and Local Economic Development and Spatial Information for Planning Other topics may be offered depending on staff availability.

**Part-time Course Structure**
*Part-time Course Structure (50%)*

*Foundation Studies (non BBE graduates only)*

**Year 1, Summer Program**
DBP403 Design Communication

**Year 1, Semester 1**
DBP401 Urban and Site Analysis
DBP402 Planning Processes

**Year 1, Semester 2**
DBP404 Economic and Social Foundations of Planning
DBP405 Urban Design

**Year 2, Semester 1**
DBP406 Computer Applications in Planning
DBP409 Urban Planning Practice

**Year 2, Semester 2**
DBP407 Environmental Planning and Management
DBP408 Planning Implementation and Law

**Professional Studies (Graduate Diploma)**

**Year 3, Semester 1**
DBP410 Research Methods in Planning
DBP411 Community Planning

**Year 3, Semester 2**
DBP413 Regional Planning Practice
DBP414 Regional and Metropolitan Policy

**Year 4, Semester 1**
DBP412 Planning Theory and Ethics
DBP415 Professional Practice or Research Project

**Year 4, Semester 2**
DBP416 Elective

Graduate Diploma in Urban Design (DB69)
Award title: Graduate Diploma in Urban Design
CRICOS code: 014018G
Location: Gardens Point
Course duration (full-time): 1 year
Course duration (part-time): 1.5 years
Total credit points: 96
Standard credit points per semester (full-time): 48
Course coordinator: Dr Danny O’Hare

Course Requirements
Students must complete a minimum of 48 credit points per semester in the full-time course and a minimum of 24 credit points per semester in the part-time course. Students with a grade point average of 5 or better may articulate into the Masters program after one semester full-time or two semesters part-time study.

Course Structure

**Summer Semester - Introductory Unit**
PSB275 Introductory Design and Graphics
* Available in three modules to suit individual needs. Fee $380 per module.

**Full-time Structure - Year 1, Semester 1**
ARB081 History, Theory and Criticism of Urban Design
ARB082 Urban Design Studio B
PSB453 Urban Systems and the Physical Environment

**Year 1, Semester 2**
PSN214 Elective
OR
PSN211 Research Project 1
PSB452 Urban Design Studio A
PSB451 Production and Use of the Built Environment

**Part-time Structure - Year 1, Semester 1**
ARB081 History, Theory and Criticism of Urban Design
ARB082 Urban Design Studio B
PSB453 Urban Systems and the Physical Environment

**Year 1, Semester 2**
PSB452 Urban Design Studio A
PSB451 Production and Use of the Built Environment

**Year 2, Semester 1**
ARB082 Urban Design Studio B
PSN214 Elective
OR
PSN211 Research Project 1

Graduate Certificate in Advanced Landscape Techniques (PS77)
Award title: Graduate Certificate in Advanced Landscape Techniques
Location: Gardens Point
Course duration (part-time): 2 semesters
Total credit points: 48
Course coordinator: Mr Glenn Thomas

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

Course Structure

**Part-time Course Structure Semester 1**
PSB269 Advanced Construction and Practice 1
PSB270 Elective

**Semester 2**
PSB272 Advanced Construction and Practice 2
PSB273 Landscape Planning
■ Graduate Certificate in Building Fire Safety (AR65)
Award title: Graduate Certificate in Building Fire Safety
Location: Gardens Point
Course duration (part-time): 2 semesters
Total credit points: 48
Standard credit points per semester (part-time): 24
Course coordinator: Mr Jack Williamson

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

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

Course structure
Semester 1
ARB801 Fire Technology and Science
ARB803 Fire and Building Legislation
ARB802 Human Behaviour and Fire
ARB804 Fire Safety System Design

Semester 2
ARB853 Fire and Building Legislation
ARB854 Fire Safety System Design

Note:
The units are offered in block mode. It is anticipated that the two week intensive workshops will be in early July and late November for further details please contact the School.

■ Graduate Certificate in Civil Engineering (CE62)
Award title: Graduate Certificate in Civil Engineering
CRICOS code: 040341C
Location: Gardens Point
Course duration (full-time): Full-time may be available in consultation with course coordinator.
Course duration (part-time): 1 year (must be completed in a maximum of 4 semesters).
Total credit points: 48
Course coordinator: Mr Yin Foong

Articulation
Students who achieve a grade point average of 5.0 or above in the Graduate Certificate will be able to apply for entry to the Master of Engineering Science (Civil) (CE74) on the condition that they possess an undergraduate degree in engineering.

Course structure
Environmental Engineering Strand - Semester 1
CEP291 Environmental Law and Assessment
CEP141 Studies in Environmental Engineering
CEP218 Transportation Engineering
CEP216 Advanced Traffic Engineering
CEP127 Road and Traffic Engineering
CEP142 Water Pollution Control
CEP201 Process Modelling
CEP218 Transportation Engineering
CEP291 Environmental Law and Assessment
CEP293 Pavement Design
Electives - Semester 2
CEP141 Studies in Environmental Engineering
CEP143 Biological Treatment Processes
CEP151 Road Safety Audit - Principles and Practice
CEP175 Pavement Maintenance Rehabilitation and Recycling
CEP201 Process Modelling
CEP216 Advanced Traffic Engineering
CEP292 Engineering Practice 2

■ Graduate Certificate in Computer and Communications Engineering (EE61)
Award title: Graduate Certificate in Computer and Communications Engineering
CRICOS code: 043119G
Location: Gardens Point
Course duration (full-time): 1 semester
Course duration (part-time): 2 semesters
Total credit points: 48
Course coordinator: Mr John Edwards

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

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

Elective Units
EEP911 Electrical Energy Systems
EEP941 Modern Signal Processing
EEP960 Wireless Communications
EEP961 RF and Applied Electromagnetics
EEP976 Advanced Industrial Electronics
EEP992 VLSI Circuits and Systems

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

■ Graduate Certificate in Electricity Supply Engineering (EE82)
Award title: Graduate Certificate in Electricity Supply Engineering
Location: Gardens Point and External
Course duration (full-time): 1 semester
Course duration (part-time): 2 semesters
Total credit points: 48
Course coordinator: Assoc Prof David Birtwhistle

Course Structure
Full-time Course Structure
Semester 1
12 Units (selected from List)

Part-time Course Structure
Year 1, Semester 1
6 Units (selected from List)

Electives - Semester 1
EEP201 Fundamentals of Power System Earthing
EEP202 Thermal Ratings and Heat Transfer
EEP203 Testing and Condition Monitoring

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Course Outline

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

■ Graduate Certificate in Engineering Management (ME74)

Award title: Graduate Certificate in Engineering Management
Course duration (full-time): 6 months
Course duration (part-time): 1 year
Total credit points: 48
Course coordinator: Dr Jun Wang
Location
Singapore (Organised by Crossfields Asia Pacific Pte Ltd.)

Course Outline

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

■ Graduate Certificate in Engineering Management (ME75)

Award title: Graduate Certificate in Engineering Management
CRICOS code: 018208C
Location: Gardens Point
Course duration (full-time): 6 months
Course duration (part-time): 1 year
Total credit points: 48
Course coordinator: Dr Jun Wang

Course Design

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

Course structure

Block Mode #
MEN177 Total Quality Management
MEN171 Advanced Manufacturing Technologies
MEN241 Reliability and Maintenance Management
MEN280 Engineering Project Management
MEN273 Engineering Knowledge Management
MEN172 Cost Analysis and Asset Management
MEN175 Energy and Environmental Management
MEN170 Systems Modelling and Simulation
MEN272 Enterprise Resource Planning

# Block mode

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

■ Graduate Certificate in Geographic Information Systems (PS79)

Award title: Graduate Certificate in Geographic Information Systems
CRICOS code: 040339G
Location: Gardens Point
Course duration (full-time): 1 semester
Course duration (part-time): 2 semesters
Total credit points: 48
Course coordinator: Dr John Hayes

Full-time course structure

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

Electives* (subject to availability)
Semester 1
DBP401 Urban and Site Analysis
DBP402 Planning Processes
PSB432 History of Built Environment
PSB612 Spatial and Land Information Management
PSB630 Cartography and Digital Mapping
PSB643 Geodesy
PSN213 Specialisation
PSN214 Elective
PSP311 Professional Practice Management
PSP314 Boundary Definition Surveys 1
PSP316 Survey Computing and Processing
PSP317 Property Development Surveys

Semester 2
BNB011 Fundamentals of Synthetic Environments
DBP407 Environmental Planning and Management
DBP501 Specialisation
PSB631 Geographic Information Systems 1
PSB632 Photogrammetry
PSB633 Map Production: Principles and Practice
PSB644 Advanced Geodesy
PSB655 Remote Sensing
PSN213 Specialisation
PSP268 Site Planning
PSP273 Landscape Planning
PSP326 GIS and GPS
PSP330 Professional Practice Management 2
PSP510 Specialisation

Notes:
Please consult with the course coordinator before finalising your enrolment.
Full-time students are required to enrol in 48 credit points per semester.
This includes two core units per semester and two Electives from the list.
above, or from other undergraduate and postgraduate units with approval of your course coordinators.
The following units and semesters of offer are only available to postgraduate students subject to discussion with the course coordinator:
Semester 1:
PSB643 Geodesy
Semester 2:
PSB653 Map Production: Principles & Practice
PSB644 Advanced Geodesy
PSB654 Topics in Spatial Information Science
PSN213 Specialisation is available in semester 2 for PS79 students only.

Part-time course structure
Year 1, Semester 1
PSB631 Geographic Information Systems 1
Choose 1 Elective*

Year 1, Semester 2
PSB654 Topics in Spatial Information Science
Choose 1 Elective*
Electives* (subject to availability)
Please refer to Full-time Course Structure for list of Electives.

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

Full-time course structure - July entry
Semester 2
PSB631 Geographic Information Systems 1
Choose 1 Elective*

PSB654 Topics in Spatial Information Science
Choose 1 Elective*
Electives* (subject to availability)
Please refer to Full-time Course Structure for list of Electives.

Notes:
Please consult with the course coordinator before finalising your enrolment.
Full-time students are required to enrol in 48 credit points per semester.
This includes two core units per semester and two electives from the above-mentioned list, or from other undergraduate and postgraduate units.

Part-time course structure - July entry
Year 1, Semester 2
PSB631 Geographic Information Systems 1
Choose 1 Elective*

Year 2, Semester 1
PSB654 Topics in Spatial Information Science
Choose 1 Elective*
Electives* (subject to availability)
Please refer to Full-time Course Structure for list of Electives.

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

Graduate Certificate in Geomatics (PS73)
Award title: Graduate Certificate in Geomatics
CRICOS code: 036436G
Location: Gardens Point
Course duration (full-time): 1 semester
Course duration (part-time): 2 semesters
Total credit points: 48
Course coordinator: Dr John Hayes
Professional Recognition
The Graduate Certificate is recognised professionally by the Mapping Sciences Institute, Australia.

Full-time Course Structure - July Entry
Semester 2
PSB323 Project Site Surveys
PSB326 GIS and GPS
Choose 2 Electives

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

Part-time Course Structure - July Entry
Semester 2
Choose 2 Electives

Semester 1
PSB311 Professional Practice Management
PSB316 Survey Computing and Processing

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

PS73 - Electives* (subject to availability)
Semester 1
BNB011 Fundamentals of Synthetic Environments
DBP401 Urban and Site Analysis
DBP402 Planning Processes
PSB432 History of Built Environment
PSB612 Spatial and Land Information Management
PSB630 Cartography and Digital Mapping
PSB643 Geodesy
PSP314 Boundary Definition Surveys 1
PSP317 Property Development Surveys

Semester 2
BNB011 Fundamentals of Synthetic Environments
DBP407 Environmental Planning and Management
PSB631 Geographic Information Systems 1
PSB632 Photogrammetry
PSB633 Map Production: Principles and Practice
PSB644 Advanced Geodesy
PSB655 Remote Sensing
PSP268 Site Planning
PSP273 Landscape Planning

Notes:
Students are required to select any two units from the electives listed above. The following units and semesters of offer are only available to postgraduate students subject to discussion with the course coordinator:
Please note: Electives are subject to availability
Semester 1: PSB643 Geodesy
Semester 2: PSB653 Map Production: Principles & Practice; PSB644 Advanced Geodesy
Please consult with the course coordinator before finalising your enrolment.

Graduate Certificate in Landscape Design (PS76)
Award title: Graduate Certificate in Landscape Design
CRICOS code: 037546E
Location: Gardens Point
Course duration (full-time): 1 semester
Course duration (part-time): 2 semesters
Total credit points: 48 credit points
Course coordinator: Mr Glenn Thomas

Full-time Course Structure
Year 1, Semester 2
PSB444 Landscape Construction B (L’scape Only)
PSB417 Manual/Digital Graphics
or
PSB432 History of Built Environment
or
Other elective approved by the course coordinator
PSB442 Plant Studies (L’scape Only)
PSP268 Site Planning
Note: Selection of units depends on individual student background - please consult course coordinator before finalising your enrolment.

Part-time Course Structure
Year 1, Semester 1
PSP263 Landscape Ecology
PSP264 Spatial Design Theory

Year 1, Semester 2
PSB442 Plant Studies (L’scape Only)
PSP268 Site Planning
Graduate Certificate in Landscape Techniques (PS75)
Award title: Graduate Certificate in Landscape Techniques
CRICOS code: 037545F
Location: Gardens Point
Course duration (full-time): 1 semester
Course duration (part-time): 2 semesters
Total credit points: 48
Course coordinator: Mr Glenn Thomas

Full-time Course Structure
Summer Semester - Foundation Level Studies
PSP275 Introductory Design and Graphics
This unit is a required pre-requisite for non Bachelor of Built Environment - Landscape Architecture applicants for entry into PSP264.
Year 1, Semester 1
PSB434 Landscape Construction A (L'scape Only)
PSB413 Graphics
or
PSB414 Professional Skills 1
or
PSB415 Contemporary Landscape Design
or
PSB610 Government and Law
PSP263 Landscape Ecology
PSP264 Spatial Design Theory
Note: Selection of units depends on individual student background - please consult course coordinator before finalising your enrolment.

Part-time Course Structure
Summer Semester - Foundation Level Studies
PSP275 Introductory Design and Graphics
This unit is a required pre-requisite for non Bachelor of Built Environment - Landscape Architecture applicants for entry into PSP264.
Year 1 - Semester 1
PSB434 Landscape Construction A (L’scape Only)
PSB413 Graphics
or
PSB414 Professional Skills 1
or
PSB415 Contemporary Landscape Design
or
PSB610 Government and Law
Year 1 - Semester 2
PSB444 Landscape Construction B (L’scape Only)
PSB417 Manual/Digital Graphics
or
PSB432 History of Built Environment
or
Other elective approved by course coordinator.
Note: Selection of units depends on individual student background - please consult course coordinator before finalising your enrolment.

Graduate Certificate in Planning Studies (PS82)
Award title: Graduate Certificate in Planning Studies
Location: Gardens Point
Course duration (full-time): 1 semester
Course duration (part-time): 2 semesters
Total credit points: 48
Course coordinator: Assoc Prof Phil Heywood

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

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

Full-time Course structure
Semester 1
DBP401 Urban and Site Analysis
DBP402 Planning Processes
DBP411 Community Planning
DBP501 Specialisation

Part-time Course structure
Semester 1
DBP402 Planning Processes
DBP411 Community Planning
Semester 2
DBP405 Urban Design
DBP416 Elective
Note: DBP416 Elective offers Specialisations in Urban Housing, Urban Design and Environmental and Social Planning. Other topics may be offered depending on staff availability.

Mid-Year Entry Course structure (Full-time)
Semester 2
DBP405 Urban Design
DBP408 Planning Implementation and Law
DBP407 Environmental Planning and Management
DBP416 Elective
Note: DBP416 Elective offers Specialisations in Urban Housing, Urban Design and Environmental and Social Planning. Other topics may be offered depending on staff availability.

Mid-Year Entry Course structure (Part-time)
Semester 2
DBP405 Urban Design
DBP416 Elective
Note: DBP416 Elective offers Specialisations in Urban Housing, Urban Design and Environmental and Social Planning. Other topics may be offered depending on staff availability.

Graduate Certificate in Project Management (CN81)
Award title: Graduate Certificate in Project Management
CRICOS code: 012705A
Location: Gardens Point
Course duration (full-time): 1 semester
Course duration (part-time): 1 year
Total credit points: 48
Standard credit points per semester (part-time): 24
Course coordinator: Dr Stephen Kajewski

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

Full-time Course structure
Year 1, Semester 1
CNP520 Project Management
CNP521 Project Cost and Risk Management
CNP532 Innovation and Technology Management
CNP551 Project Human Resource Management

Part-time Course structure
Year 1, Semester 1
CNP520 Project Management
CNP521  Project Cost and Risk Management  
*Year 1, Semester 2*
CNP533  Project Management Law  
CNP534  International Project Management

### Graduate Certificate in Property Economics (CN90)

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

### Course Structure

In the Graduate Certificate and Graduate Diploma courses, students complete coursework units from the Masters degree with a range of elective options available.

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

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

#### Course structure

<table>
<thead>
<tr>
<th>Full-time Course Structure</th>
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<tbody>
<tr>
<td>Property Development major - Semester 1</td>
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<tr>
<td>CNP547  Property Investment</td>
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<tr>
<td>CNP555  Property Market Analysis</td>
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<tr>
<td>CNP520  Project Management</td>
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<td>CNP521  Project Cost and Risk Management</td>
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<th>Part-time Course Structure</th>
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<tr>
<td>Property Development major - Year 1, Semester 1</td>
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<tr>
<td>CNP555  Property Market Analysis</td>
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<tr>
<td>Year 1, Semester 2</td>
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<tr>
<td>CNP554  Advanced Land Development</td>
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<tr>
<td>CNP545  Project Development</td>
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<td>Part-time Course Structure</td>
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<tr>
<td>Property Investment and Management major - Year 1, Semester 1</td>
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<tr>
<td>CNP547  Property Investment</td>
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<tr>
<td>CNP555  Property Market Analysis</td>
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<td>Year 1, Semester 2</td>
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<tr>
<td>CNP557  Property Portfolio Analysis</td>
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<td>CNP100  Facilities Management</td>
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</tbody>
</table>

### Course Requirements and Notes Relating to Undergraduate Courses

#### Course Progression

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

#### Summer Program

The Faculty offers a limited number of units in the summer semester. This summer program enables students to pick up units and, for mid-year entry students, in some courses, allows them to accelerate their program and complete their course in 3.5 years.

### Supplementary Assessment

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

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

#### Awards with Honours

Honours may be awarded to graduands of the Bachelor of Architecture, the four-year single degree and five-year double degree Bachelor of Engineering and Surveying courses, the four-year Bachelor of Applied Science courses in Construction Management and Quantity Surveying, and the Bachelor of Property Economics. First class honours, second class honours division A and second class honours division B may be awarded. Candidates for a degree with honours must fulfil the requirements for a pass degree and achieve a standard of proficiency in all course units as may from time to time be determined by the Faculty academic board and approved by University Academic Board.

#### Eligibility for Honours

Eligibility for awards with honours is not affected by the time taken to complete a course. However, to be eligible for such an award, a graduand must have completed the course within the maximum number of calendar years specified in the Student Rules (see the student rules section). Three- and four-year (full-time) courses must be completed in ten years. Combined degree courses must be completed in eleven years. Time limits are measured in calendar years from the first day of the first semester in which the student was enrolled and include periods of interruption such as leave of absence. In addition, to be eligible for an award with honours, a graduand must have been enrolled in the course at QUT for at least two years of full-time study or its equivalent.

#### Honours Based on Grade Point Average

The Built Environment and Engineering Academic Board has resolved that awards with honours for students graduating post-1992 will be based on grades achieved by students throughout the whole of their course as determined by the Grade Point Average (GPA) calculation.

The GPA calculation includes all attempts at units which are awarded a numeric grade, or the result ‘Withdrawn — Failure’ (which is converted to a grade of 1).

Students obtaining a GPA of 6.0 or greater will normally qualify for the award of first class honours. Students obtaining a GPA of 5.5 to 5.99 will normally qualify for the award of second class honours division A. Students obtaining a GPA of 5.0 to 5.49 will normally qualify for the award of second class honours division B.

Students enrolled in double degrees must obtain the required GPA in the Engineering degree component to be eligible for Honours.

#### Awards With Distinction

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

Eligibility for ‘With Distinction’
See Eligibility for Honours.

With Distinction Based on Grade Point Average
The Built Environment and Engineering Academic Board has resolved that awards ‘with distinction’ will be based on grades achieved by students throughout the whole of their course as determined by the grade point average calculation.

The GPA calculation includes all attempts at units which are awarded a numeric grade, or the result ‘Withdrawn — Failure’ (which is converted to a grade of 1).

Students obtaining a GPA of 5.5 or greater will normally qualify for the award of with distinction.

Dean’s List
Each semester, the Faculty of Built Environment and Engineering will publish a Dean’s List comprising names of students achieving a GPA of 6.50 or better. The list will be posted on school notice boards. Students will receive a certificate in recognition of their achievement.

Use of Calculators in Examinations
Restrictions apply on the use of calculators in examinations. Students should consult their unit coordinator for details.

Field Trips
Attendance at field trips or field projects in engineering and surveying/mapping courses is compulsory.

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

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

Students must provide their own safety shoes, safety glasses/goggles and hearing protection equipment.

All students are bound by the Queensland Workplace Health and Safety Act. In this respect, students carrying out their final year projects will be required to do a risk assessment of such projects and also suggest risk management steps that will be taken in case of an accident.

Industrial Experience for Engineering and Surveying/Mapping Courses
Industrial Experience forms part of the requirements of engineering and surveying degree courses, in order to provide a realistic background for formal academic studies and to ensure that students become effectively balanced in their professional development. For engineering students, it is a requirement of the Institution of Engineers, Australia, for graduate membership.

Industrial Experience is usually undertaken during the long vacation or the mid-semester recess as an employee of a private firm, government agency or local authority, but can also be accumulated during part-time/full-time employment.

Candidates must submit a report no later than the fourth week of the semester, following each period of Industrial Experience. The report is to be written in the required format describing work carried out during the period of Industrial Experience. An Industrial Experience Record Form signed by the employer is also to be submitted. Industrial Experience Record Forms are available from outside the Faculty Office, Level 10, S Block, Gardens Point campus and the School of Design and Built Environment, Level 5, D Block, Gardens Point campus, or the Faculty web site.

A candidate for the degree of Bachelor of Technology (Civil) must obtain at least 45 days of industrial experience in an engineering environment approved by the course coordinator.

A candidate for the degree of Bachelor of Technology (Mechanical) must obtain at least 50 days of industrial experience approved by the course coordinator.

Engineering students must obtain at least 60 days of Industrial Experience in an engineering environment approved by the course coordinator.

Bachelor of Surveying students must obtain at least 90 days of industrial experience in a surveying environment approved by the course coordinator.

Bachelor of Engineering (Aerospace Avionics) students are required to obtain 10 days specialist experience in the avionics industry. This is in addition to the 60 days industrial experience requirement.

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

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

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

Minimum 8 weeks at a time
Periods of work experience of less than eight recognised weeks continuous duration cannot be accredited.

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

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

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

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

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

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

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

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

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

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

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

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

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

Full-time Students in Final Two Years
Candidates proposing to study the final 192 credit points in the course in two years full-time:

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

Types of Experience
Types of experience required:

- **ADB795 Practice Experience A:**
  - At least 50 percent of time in undertaking design and/or documentation.

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

Bachelor of Applied Science (Construction Management) (CN51)

**Award title:** Bachelor of Applied Science (Construction Management)
**CRICOS code:** 006363B
**Location:** Gardens Point
**Course duration (full-time):** 4 years or 5.5 years flexible full-time

Total credit points: 384
**Standard credit points per semester (full-time):** 48
**Course coordinator:** Ms Debbie Smit

Special Course Requirements
All students are required to obtain a minimum of 100 days of employment in the final year of the course as a part of CNB409 Professional Practice 1 and CNB423 Professional Practice 2. A work experience diary is to be kept and made available for inspection by the course coordinator upon request.

Professional Recognition
Graduates with relevant experience are eligible for membership of the Australian Institute of Building.

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

Course structure - Full-time

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
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<tbody>
<tr>
<td>CNB101 Construction 1</td>
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<tr>
<td>CNB102 Building Technology 1</td>
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<tr>
<td>CNB105 Legal and Land Studies</td>
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<tr>
<td>CNB106 Technical Communications</td>
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</tbody>
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<tr>
<th>Year 1, Semester 2</th>
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<tbody>
<tr>
<td>CNB107 Construction 2</td>
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<tr>
<td>CNB108 Building Technology 2</td>
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<tr>
<td>CNB109 Professional Studies 1</td>
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<tr>
<td>CNB110 Measurement 1</td>
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<tr>
<th>Year 2, Semester 1</th>
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<tbody>
<tr>
<td>CNB201 Construction 3</td>
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<tr>
<td>CNB202 Building Technology 3</td>
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<tr>
<td>CNB203 Building Services</td>
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<tr>
<td>CNB204 Measurement 2</td>
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<tr>
<th>Year 2, Semester 2</th>
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<tbody>
<tr>
<td>CNB206 Law 1</td>
</tr>
<tr>
<td>CNB207 Professional Studies 2</td>
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<tr>
<td>CNB227 Applied Computing</td>
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<tr>
<td>CNB228 Construction Business Administration</td>
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<table>
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<tr>
<th>Year 3, Semester 1</th>
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<tbody>
<tr>
<td>CNB302 Contract Administration</td>
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<tr>
<td>CNB303 Construction Business Accounting</td>
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</tbody>
</table>
CNB305 Construction Estimating
CNB335 Time Management

Year 3, Semester 2
CNB307 Building Economics and Cost Management
CNB308 Professional Studies 3
CNB309 Law 2
CNB336 Construction Business Management

Year 4, Semester 1
CNB402 Investment Theory
CNB409 Professional Practice 1
CNB433 Dissertation A

Elective

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

Elective

Electives - Semester 1
CNB405 Investment Theory
CNB481 Construction Dispute Management
CNB483 Smart and Sustainable Construction

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

Course structure - Flexible Mode

Year 1, Semester 1
CNB101 Construction 1
CNB102 Building Technology 1
CNB106 Technical Communications

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

Year 2, Semester 1
CNB105 Legal and Land Studies
CNB201 Construction 3
CNB202 Building Technology 3

Year 2, Semester 2
CNB109 Professional Studies 1
CNB206 Law 1
CNB227 Applied Computing

Year 3, Semester 1
CNB203 Building Services
CNB204 Measurement 2
CNB302 Contract Administration

Year 3, Semester 2
CNB207 Professional Studies 2
CNB228 Construction Business Administration
CNB309 Law 2

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

Year 4, Semester 2
CNB307 Building Economics and Cost Management
CNB308 Professional Studies 3
CNB309 Law 2
CNB336 Construction Business Management

Year 5, Semester 1
CNB402 Investment Theory
CNB409 Professional Practice 1
CNB433 Dissertation A

Elective

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

Elective

Elective

See Electives list in full-time course structure

■ Bachelor of Applied Science (Quantity Surveying) (CN53)

Award title: Bachelor of Applied Science (Quantity Surveying)
CRICOS code: 003500M
Location: Gardens Point
Course duration (full-time): 4 years or 5.5 years flexible full-time
Total credit points: 384
Standard credit points per semester (full-time): 48
Course coordinator: Mr Jason Gray

Special Course Requirements
All students are required to obtain a minimum of 100 days of employment in the final year of the course as a part of the units Professional Practice 1 and Professional Practice 2. A work experience diary is to be kept and made available for inspection by the course coordinator upon request. Only international students are eligible to complete their work experience offshore, and in this case students will receive no assistance in gaining work experience.

Professional Accreditation and Recognition
The course is offered with or without honours. Both the honours and without honours versions of the course are fully accredited by the Australian Institute of Quantity Surveyors and the Singapore Institute of Quantity Surveyors and Valuers. The course with honours is fully accredited by the Royal Institution of Chartered Surveyors. For students completing the entire course without any advanced standing, the course with honours is also fully accredited by the Hong Kong Institute of Surveyors. Please also see important details on advanced standing which affect professional accreditation and recognition.

Minors
Subject to the approval of the course coordinator, students may be able to choose a minor area of study. A minor is a collection of four units from the one study area, that totals 48 credit points. This will not affect the total number of credit points required for course completion, but this will affect professional accreditation and recognition in relation to RICS and SISV. The course coordinator will therefore need to be satisfied that the student
fully understands the implications that the minor will have on professional accreditation and recognition before approval to the minor is granted. Students may choose from the list of minors, available from the office of the Faculty of Built Environment and Engineering.

**Advanced Standing**

Up to 4 semesters of advanced standing may be granted, subject to prior learning and qualifications. Students seeking accreditation from the Hong Kong Institute of Surveyors are not able to accept any advanced standing, and must complete the entire course. In the special case of students who complete the QUT BAppSc Construction Management course and are therefore eligible to enter the final year of the BAppSc Quantity Surveying course, these students will find that their BAppSc Quantity Surveying course is only accredited by the Australian Institute of Quantity Surveyors.

**Electives**

Note A: Electives as listed or an approved elective from other QUT courses. Students seeking RICS and SISV accreditation should not enrol in Note A electives but follow the course structure as specified.

**Course structure - February Entry - Full-time**

**Year 1, Semester 1**
- CNB101 Construction 1
- CNB102 Building Technology 1
- CNB105 Legal and Land Studies
  or
  Elective
- CNB106 Technical Communications

**Year 1, Semester 2**
- CNB107 Construction 2
- CNB109 Professional Studies 1
- CNB110 Measurement 1
- CNB120 Economics in the Construction Industry

**Year 2, Semester 1**
- CNB201 Construction 3
- CNB203 Building Services
- CNB204 Measurement 2
- CNB209 The Environment and the Quantity Surveyor

**Year 2, Semester 2**
- CNB206 Law 1
- CNB207 Professional Studies 2
- CNB208 Construction Business Management
- CNB227 Applied Computing

**Year 3, Semester 1**
- CNB302 Contract Administration
- CNB303 Construction Business Accounting
- CNB305 Construction Estimating
- CNB310 Measurement 3

**Year 3, Semester 2**
- CNB307 Building Economics and Cost Management
- CNB308 Professional Studies 3
- CNB309 Law 2
- CNB310 Measurement 3

**Year 4, Semester 1**
- CNB402 Investment Theory
  OR Elective
- CNB409 Professional Practice 1
- CNB433 Dissertation A

**Year 4, Semester 2**
- CNB410 Property Development
  OR Elective (Note A)
- CNB423 Professional Practice 2
- CNB434 Dissertation B

**Year 5, Semester 1**
- CNB509 Professional Practice 1
- CNB510 Property Development
  OR Elective (Note A)

**Year 5, Semester 2**
- CNB537 Project Management
- CNB541 Advanced Building and Civil Construction

**Year 6, Semester 1**
- CNB602 Investment Theory

**Electives**

- See Electives list in full-time structure.

**Bachelor of Architecture (AR48)**

Award title: Bachelor of Architecture

CRICOS code: 006364A

Location: Gardens Point

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

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

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

Course coordinator: Mr Jack Williamson

**Special Entry Requirements**

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

Other applicants need to apply to QTAC for entry to the Bachelor of Architecture and the portfolios must be received by QUT by 28 November 2003.
Professional Recognition
Graduates of the Bachelor of Architecture degree meet the academic requirements for membership of the Royal Australian Institute of Architects and, following one year of post-graduate architectural experience, are eligible to undertake the registration examinations of the Board of Architects of Queensland.

Special course requirements
A Bachelor of Architecture student must be engaged in approved employment for at least 48 recognised weeks by the end of year 3, (ADB795) and for at least 72 recognised weeks within the second three years (ADB796).

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

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

Course structure
Year 1 is not offered in 2004
Current AR48 students only
Year 2, Semester 1
ADB003 Architectural Design 3
ADB011 Contextual Studies 1
ADB022 Technology and Science 2
Year 2, Semester 2
ADB004 Architectural Design 4
ADB023 Technology and Science 3
Year 3, Semester 1
ADB005 Architectural Design 5
ADB913 Human Environment 3
ADB024 Technology and Science 4
Year 3, Semester 2
ADB006 Architectural Design 6
ADB012 Contextual Studies 2
ADB795 Practice Experience A
New and continuing students
Year 4, Semester 1
ADB007 Architectural Design 7
ADB013 Contextual Studies 3
ADB025 Technology and Science 5
Year 4, Semester 2
ADB008 Architectural Design 8
ADB026 Technology and Science 6
ADB031 Professional Studies 1
Year 5, Semester 1
ADB009 Architectural Design 9
ADB032 Professional Studies 2
Year 5, Semester 2
ADB014 Contextual Studies 4
ADB051 Architectural Research 1
ADB943 Elective 3
Year 6, Semester 1
ADB067 Elective Architectural Applications
ADB052 Architectural Research 2
ADB944 Elective 4
Year 6, Semester 2
ADB053 Architectural Project
ADB033 Professional Studies 3
ADB796 Practice Experience B
Special Course Notes
1. Students must complete all units in the Years 1, 2 and 3 schedules in either AR48 or BN31 prior to enrolling in any unit in the Year 4 schedule of AR48. The course coordinator may consider cases of special hardship.
2. Students must meet pre-requisites in all subjects.
3. Penalties for late assignments apply.

Bachelor of Built Environment (Architectural Studies) (BN31)
Award title: Bachelor of Built Environment (Architectural Studies)
CRICOS code: 003507D
Location: Gardens Point
Course duration (full-time): 3 years
Total credit points: 288
Standard credit points per semester (full-time): 48
Course coordinator: Mr Jack Williamson

2004 Entry to Architecture
All students undertaking an architectural course at QUT in year 1, 2 and 3 enrol in the Bachelor of Built Environment (Architectural Studies) (BN31).

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

Professional Recognition
Graduates of the Bachelor of Built Environment (Architectural Studies) are eligible for entry to Year 4 of the Bachelor of Architecture. Graduates of the Bachelor of Architecture degree meet the academic requirements for membership of the Royal Australian Institute of Architects and, following one year of post-graduate architectural experience, are eligible to undertake the registration examinations of the Board of Architects of Queensland.

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

Course structure
Year 1, Semester 1
ADB001 Architectural Design 1
ADB911 Human Environment 1
ADB921 Technology and Science Foundation
ADB061 Architectural Applications 1
Year 1, Semester 2
ADB002 Architectural Design 2
ADB931 Introduction to History, Theory and Criticism
ADB021 Technology and Science 1
ADB062 Architectural Applications 2
Year 2, Semester 1
ADB003 Architectural Design 3
ADB011 Contextual Studies 1
ADB022 Technology and Science 2
ADB063 Architectural Applications 3
Year 2, Semester 2
ADB004 Architectural Design 4
ADB023 Technology and Science 3
ADB064 Architectural Applications 4
Year 3, Semester 1
ADB005 Architectural Design 5
ADB913 Human Environment 3
ADB024 Technology and Science 4
ADB065 Architectural Applications 5
Year 3, Semester 2
ADB006 Architectural Design 6
ADB012 Contextual Studies 2
ADB066 Architectural Applications 6
ADB942 Elective 2
ADB944 Elective 3
Special Course Notes
1. Students must complete all units in the Years 1, 2 and 3 schedules in either AR48 or BN31 prior to enrolling in any unit in the Year 4 schedule of AR48. The course coordinator may consider cases of special hardship.
2. Students must meet pre-requisites in all subjects.
3. Late penalties for late assignments apply.
4. Course will involve compulsory field work within some units.
5. Students currently enrolled in BN31 cannot transfer to AR48 in year 2 and 3.

### Bachelor of Built Environment (Industrial Design) (BN31)

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

#### Other Majors
See also entries for the following majors in this course:
- Architectural Studies
- Interior Design
- Landscape Architecture
- Urban and Regional Planning

#### Professional Recognition
Graduates of the Bachelor of Built Environment (Industrial Design) who go on to complete the Graduate Diploma in Industrial Design are eligible for associate membership of the Design Institute of Australia. QUT is an Educational Member of the International Council of Societies of Industrial Design (ICSID).

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

#### Course structure

- **Year 1, Semester 1**
  - ADB911 Human Environment 1
  - ADB201 Introductory Industrial Design 1
  - ADB921 Technology and Science Foundation
  - ADB241 Industrial Design Applications

- **Year 1, Semester 2**
  - ADB212 Ergonomics for Industrial Designers
  - ADB931 Introduction to History, Theory and Criticism
  - ADB202 Introductory Industrial Design 2
  - ADB232 Design Technology and Society

- **Year 2, Semester 1**
  - ADB912 Human Environment 2
  - ADB203 Industrial Design 1
  - ADB233 Manufacturing Technology 1
  - ADB941 Elective 1

- **Year 2, Semester 2**
  - ADB224 Industrial Design History Theory and Criticism 1
  - ADB204 Industrial Design 2
  - ADB234 Manufacturing Technology 2
  - ADB244 Computer Aided Industrial Design 1

- **Year 3, Semester 1**
  - ADB913 Human Environment 3
  - ADB205 Industrial Design 3
  - ADB235 Manufacturing Technology 3
  - ADB245 Computer Aided Industrial Design 2

- **Year 3, Semester 2**
  - ADB226 Industrial Design History Theory and Criticism 2
  - ADB206 Industrial Design 4
  - ADB236 Manufacturing Technology 4
  - ADB942 Elective 2

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

**Award title:** Bachelor of Built Environment (Landscape Architecture)  
**CRICOS code:** 003507D  
**Location:** Gardens Point  
**Course duration (full-time):** 3 years  
**Total credit points:** 288  
**Standard credit points per semester (full-time):** 48  
**Course coordinator:** Ms Delwyn Poulton
Other Majors
See also entries for the following majors in this course:

Professional Recognition
Successful performance in the Bachelor of Built Environment (Landscape Architecture) enables students to gain entry to the Graduate Diploma/Master courses. The Graduate Diploma in Landscape Architecture is the only course in Landscape Architecture in Queensland, and is accredited by the Australian Institute of Landscape Architects (AILA). Graduates from the Graduate Diploma or Master of Landscape Architecture are recognised in New Zealand and Hong Kong and overseas generally through their AILA membership.

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

Course structure

### Year 1, Semester 1
- PSB411 Planning/Landscape Design 1
- PSB413 Graphics
- PSB414 Professional Skills 1
- PSB415 Contemporary Landscape Design
- PSB417 Manual/Digital Graphics
- PSB421 Planning/Landscape Design 2
- PSB423 Group Dynamics
- PSB432 History of Built Environment

### Year 2, Semester 1
- PSP263 Landscape Ecology
- PSP264 Spatial Design Theory
- PSB431 Planning/Landscape Design 3
- PSB610 Government and Law

### Year 2, Semester 2
- PSB441 Planning/Landscape Design 4
- PSB442 Plant Studies (L’scape Only)
- PSB443 Population and Urban Studies
- PSB613 Land Development Principles and Policies

### Year 3, Semester 1
- PSB416 Research and Criticism
- PSB434 Landscape Construction A (L’scape Only)
- PSB451 Planning/Landscape Design 5
- PSB453 Elective 1

### Year 3, Semester 2
- PSB444 Landscape Construction B (L’scape Only)
- PSB461 Planning/Landscape Design 6
- PSB462 Conservation and Management
- PSB463 Elective 2

### Bachelor of Engineering - Dean’s Scholars Program

**Award title**: Bachelor of Engineering (Urban and Regional Planning) (BN31)

**CRICOS code**: 003507D

**Location**: Gardens Point

**Course duration (full-time)**: 3 years

**Total credit points**: 288

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

**Course coordinator**: Dr Blushna Bajracharya

### Other Majors
See also entries for the following majors in this course:

### Professional Recognition
Successful completion of the Bachelor of Built Environment (Urban and Regional Planning) enables students to gain entry to the Graduate Diploma/Masters in Urban and Regional Planning, which is fully accredited by the Royal Australian Planning Institute (RAPI).

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

**Course structure**

#### Year 1, Semester 1
- PSB411 Planning/Landscape Design 1
- PSB412 Computer Skills
- PSB413 Graphics
- PSB414 Professional Skills 1

#### Year 1, Semester 2
- PSB421 Planning/Landscape Design 2
- PSB422 Environmental Science
- PSB423 Group Dynamics
- PSB424 Land Science

#### Year 2, Semester 1
- PSB431 Planning/Landscape Design 3
- PSB432 History of Built Environment
- PSB433 Planning Processes (URP Only)
- PSB435 Social and Cultural Relations

#### Year 2, Semester 2
- PSB441 Planning/Landscape Design 4
- PSB443 Population and Urban Studies
- PSB445 Infrastructure Planning (URP Only)
- PSB611 Introduction to Urban and Regional Economics

#### Year 3, Semester 1
- PSB451 Planning/Landscape Design 5
- PSB452 Professional Skills 2
- PSB453 Elective 1
- PSB610 Government and Law

#### Year 3, Semester 2
- PSB461 Planning/Landscape Design 6
- PSB462 Conservation and Management
- PSB463 Elective 2
- PSB613 Land Development Principles and Policies

### Civil - Dean's Scholars Course Structure

#### Year 1, Semester 1
- CEB109 Engineering Mechanics 1
- CEB113 Environmental Materials
- CEB213 Environmental Science
- MAB131 Engineering Mathematics 1A
- MAB180 Engineering Mathematics 1

**Professionals Required**: Please check accreditation status against the individual courses.

**Special Course Requirements**
Students must complete at least 60 days of industrial experience in order to graduate.
BUILT ENVIRONMENT AND ENGINEERING

Year 4, Semester 1
- Elective unit
- Master of Engineering Science unit
- Master of Engineering Science unit
EEP301-1 Project

Year 4, Semester 2
- Master of Engineering Science unit
- Master of Engineering Science unit
- Master of Engineering Science unit
EEP301-2 Project

Electives
See list under EE46 course structure

Master of Engineering Science Units

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

Semester 2
EEP104 Real-Time Operating Systems
EEP120 Networks and Distributed Computing
EEP123 Process Control and Robotics
EEP127 Advanced Topic B
EEP128 Detection and Estimation
EEP129 Image Processing and Computer Vision
EEP135 Digital Signal Processing and Applications
EEP301-1 Project
EEP301-2 Project

Telecommunications Dean's Scholars Course Structure

Year 1, Semester 1
ITB111 Software Development 1
ITB114 Networking Systems
PCB136 Engineering Physics 1C
MAB180 Engineering Mathematics 1

Year 2, Semester 1
BNB007 Professional Studies 1
EDE213 Electrical Circuits and Measurements
ITB112 Software Development 2
ITB118 ICT Systems Life Cycle
MAB132 Engineering Mathematics 1B

Year 2, Summer Program
EDE584 Introduction to Design

Year 3, Semester 1
EDE560 Digital Communications
EDE781 Professional Studies 2
ITB524 Internetworking

Year 3, Summer Program
EDE589-1 Project
EDE589-2 Project

Year 4, Semester 1
EEP766 Communication Technologies
EEP907 Master of Engineering Science Unit 3

Year 4, Semester 2
EEP301-2 Project
EEP301-3 Project

Master of Engineering Science Units

Semester 1
EEP101 Algorithms for Control and Engineering
EEP102 Unix and C for Engineers
EEP103 Computer Hardware and Interfacing
EEP124 Data Communications
EEP137 Advanced Topic A
Band 1 units - Block mode

EEP129 Image Processing and Computer Vision
EEP301.1 Project
EEP301.2 Project

Infomechatronics - Dean's Scholars Course Structure

Year 1, Semester 1
CEB109 Engineering Mechanics 1
ITB849 Introduction To Technical Computing
MAB131 Engineering Mathematics 1A
PCB136 Engineering Physics 1C

Year 1, Semester 2
BNB007 Professional Studies 1
EEB213 Electrical Circuits and Measurements
MAB132 Engineering Mathematics 1B
MMB112 Dynamics

Year 2, Semester 1
EEB311 Electrical Measurement and Machines
EEB312 Analog and Digital Electronics
ITB851 Advanced Technical Computing
MAB134 Electrical Engineering Mathematics 3
MMB311 Engineering Materials

Year 2, Semester 2
EEB411 Classical Control and Power Systems
EEB412 Advanced Electronics and Embedded Systems
MAB135 Electrical Engineering Mathematics 4
MMB252 Thermofluids

Year 3, Semester 1
MMB211 Mechanics 1
MMB371 Manufacturing Processes
MMB478 Mechatronics Systems Design
MEN101 Research Methodology

Year 3, Semester 2
ITB427 Concurrent And Distributed Systems
ITB847 Computational Intelligence for Control & Embedded Systems
MMB212 Mechanics 2
MMB374 Design for Manufacturing 1
MMB476 Operations Management

Year 3 - Summer* Program for students intending to take Masters course
BSB115 Management, People and Organisations
MEN102 Advanced Mechanical Engineering Studies

Year 4, Semester 1
EEB251 Digital Systems and Control
MMB004 Infomechatronics Project

Year 4, Semester 2
MEN190 Project

Year 3 - Summer* Program for students not intending to undertake Masters course
BSB115 Management, People and Organisations

Year 4, Semester 1
EEB251 Digital Systems and Control
MMB004 Infomechatronics Project

Year 4, Semester 2
MEN170 Systems Modelling and Simulation

Band 2 units

Three units are to be chosen from the range of Band 2 units

Band 2 units - Block mode

MEN177 Total Quality Management
MEN171 Advanced Manufacturing Technologies
MEN241 Reliability and Maintenance Management
MEN273 Engineering Knowledge Management
MEN175 Energy and Environmental Management
MEN272 Enterprise Resource Planning

Year 1, Semester 1
CEB109 Engineering Mechanics 1
MAB131 Engineering Mathematics 1A
MMB131 Engineering Materials
PCB136 Engineering Physics 1C

Year 1, Semester 2
BNB007 Professional Studies 1
EEB112 Electrical and Computer Engineering 1
MAB132 Engineering Mathematics 1B
MMB112 Dynamics

Year 2, Semester 1
EEB220 Electrical Engineering 2M
MAB133 Engineering Mathematics 2
MBB211 Mechanics 1
MMB281 Fundamentals of Mechanical Design
MMB371 Manufacturing Processes

Year 2, Semester 2
MAB136 Engineering Statistics
MMB212 Mechanics 2
MMB232 Materials Technology
MMB252 Thermofluids

Year 3, Semester 1
MMB311 Mechanics 3
MMB352 Fluid Mechanics
MMB381 Design of Mechanical Components and Machines
MEN101 Research Methodology

Year 3, Semester 2
MMB351 Thermodynamics
MMB382 Design and Maintenance of Machinery

Year 4, Semester 1
MAB401-1 Project

Year 4, Semester 2
MAB401-2 Project

Year 3 - Summer Program* for students intending to take Masters course
BSB115 Management, People and Organisations
MEN102 Advanced Mechanical Engineering Studies
MMB401-1 Project

Year 4 - Semester 1
MAB401-2 Project

Year 3 - Summer Program* for students intending to take Masters course
BSB115 Management, People and Organisations

Year 4, Semester 2
MEN190 Project

Year 3 - Summer Program* for students not intending to undertake Masters course
BSB115 Management, People and Organisations

Year 4, Semester 1
MAB401-1 Project

Year 4, Semester 2
MAB401-2 Project

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

BUILT ENVIRONMENT AND ENGINEERING


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or

**Masters units**
See list under ME40 Infomechatronics Dean’s Scholars Course Structure

**Medical - Dean’s Scholars Course Structure**

**Year 1, Semester 1**
- LSB142 Human Anatomy and Physiology
- MAB131 Engineering Mathematics 1A
- MMB191 Introduction to Engineering in the Medical Environment
- PCB136 Engineering Physics 1C

**Year 1, Semester 2**
- CEB109 Engineering Mechanics 1
- MAB132 Engineering Mathematics 1B
- MMB112 Dynamics
- MMB131 Engineering Materials

**Year 2, Semester 1**
- HMB274 Functional Anatomy
- MAB133 Engineering Mathematics 2
- MMB211 Mechanics 1
- MMB281 Fundamentals of Mechanical Design
- MMB371 Manufacturing Processes

**Year 2, Semester 2**
- EEB112 Electrical and Computer Engineering 1
- MAB136 Engineering Statistics
- MMB252 Thermofluids
- MMB292 Biomaterials
  - even years only
  - or
- MMB362 Biofluids
  - odd years only

**Year 3, Semester 1**
- EEB220 Electrical Engineering 2M
- MMB311 Mechanics 3
- MMB391 Biomechanical Engineering Systems
- MMB470 Engineering Asset Management and Maintenance
- MEN101 Research Methodology

**Year 3, Semester 2**
- MMB292 Biomaterials
  - even years only
  - or
- MMB362 Biofluids
  - odd years only
- MMB492 Health Legislation and the Medical Environment
- MMB492 Health Legislation and the Medical Environment
- PCB605 Biomedical Instrumentation

**Year 3 - Summer* Program for students intending to undertake the Masters course**
- BSB115 Management, People and Organisations
- MEN102 Advanced Mechanical Engineering Studies
- MMB409-1 Project

**Year 4, Semester 1**
- MMB409-2 Project
  - 2 Masters units from Band 1 or 2

**Year 4, Semester 2**
- MEN190 Project
  - 2 Masters units from Band 1 or 2

**Year 3 - Summer* Program for students not intending to undertake the Masters course**
- MEN102 Advanced Mechanical Engineering Studies
  - or
- Any unit from ME80 Band 1 or 2

**Year 4, Semester 1**
- MMB409-1 Project
- MMB409-2 Project

**Masters units**
See list under ME40 Infomechatronics Dean’s Scholars Course Structure

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**Professional Recognition**

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

**Minors**

Subject to the approval of the course coordinator, students in this course may gain a minor in Systems Engineering by choosing the same group project through the Aerospace Design units and the final year project providing they comply with Systems Engineering principles.

**Optional Pathway**

Subject to normal course entry rules students may transfer internally from the QUT Bachelor of Engineering (Electrical and Computer Engineering) course to this degree after the completion of the first year full-time if they have obtained a sufficiently high grade point average that will meet the course cut-off for that year.

**Articulation to Masters**

Subject to University approval, students achieving a certain minimum performance criteria at the end of year 3 of the Bachelor of Engineering course, may be eligible to study two Master of Engineering Science level units as electives. After successfully completing the Bachelor of Engineering course, students eligible to enrol in the Master of Engineering Science courses can then have these two units credited towards the Masters Program.

**Course structure**

**Full-time Course Structure - Year 1, Semester 1**
- EEB112 Electrical and Computer Engineering 1
- MAB130 Introduction to Avionics
- PCB136 Engineering Physics 1C
- MAB131 Engineering Mathematics 1A
  - or
- MAB180 Engineering Mathematics 1

**Year 1, Semester 2**
- BNB007 Professional Studies 1
- CEB109 Engineering Mechanics 1
- EEB212 Electrical and Computer Engineering 2
- MAB132 Engineering Mathematics 1B

**Year 2, Semester 1**
- EEB312 Analog and Digital Electronics
- EEB340 Introduction to Telecommunications
- MAB134 Electrical Engineering Mathematics 3
- MMB251 Aerodynamic Principles

**Year 2, Semester 2**
- EEB412 Advanced Electronics and Embedded Systems
- EEB431 Aircraft Systems and Flight Control
- EEB440 Classical Signal Processing
- MAB135 Electrical Engineering Mathematics 4

**Year 3, Semester 1**
- EEB512 Industrial Electronics and Digital Design
- EEB535 Modern Flight Control Systems
- EEB560 Digital Communications
- EEB595 Aerospace Systems Design

**Year 3, Semester 2**
- EEB612 Software Systems Design
- EEB640 Digital Signal Processing
- EEB641 Fields Transmission and Propagation
- EEB695 Advanced Aerospace Design

**Year 4, Semester 1**
- EEB732 Space Technology
- EEB781 Professional Studies 2
- EEB782-1 Aerospace Project
  - Elective Unit 1

**Year 4, Semester 2**
- EEB782-2 Aerospace Project
- EEB833 Spacecraft Guidance and Navigation
- EEB835 Navigation Systems for Aircraft
  - Elective Unit 2

Students in this course must complete 60 days industrial experience before graduating. An additional 10 days specialist industrial experience must be obtained in the aerospace avionics industry.

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**Bachelor of Engineering (Aerospace Avionics) (EE48)**

**Award title:** Bachelor of Engineering (Aerospace Avionics)

**CRICOS code:** 037543G

**Location:** Gardens Point

**Course duration (full-time):** 4 years

**Total credit points:** 384

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

**Course coordinator:** Assoc Prof Werner Enderle

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**Built Environment and Engineering**
Electives
EEB760  Aerospace Radio and Radar Systems
EEB831  Military Combat Electronics
EEB904  Advanced Topics in Electrical Engineering A
EEB905  Advanced Topics in Electrical Engineering B
EEB941  Modern Signal Processing
EEB960  Wireless Communications
EEB961  RF and Applied Electromagnetics
EEB976  Advanced Industrial Electronics
EEB992  VLSI Circuits and Systems
PCB469  Astrophysics I
General Elective

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

■ Bachelor of Engineering (Civil and Environmental Management) (CE46)
Award title: Bachelor of Engineering (Civil and Environmental Management)
CRICOS code: 040310K
Location: Gardens Point
Course duration (full-time): 4 years
Total credit points: 384
Course coordinator: Dr Martin Murray

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

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

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

Special Course Requirements
A candidate for the degree of Bachelor of Engineering (Civil and Environmental Management) must obtain at least 60 days of industrial experience/practice in an engineering environment approved by the course coordinator.

Course Structure
Year 1, Semester 1
CEB109  Engineering Mechanics 1
CEB213  Environmental Science
MBB131  Engineering Materials
MAB180  Engineering Mathematics 1
or
MAB131  Engineering Mathematics 1A
Please note: MAB180 - students must have Maths B. MAB131 - students must have Maths C.
Students who do not have SA in Maths B, please consult School Admin Officer.
Year 1, Semester 2
BBN007  Professional Studies 1
CEB110  Engineering Mechanics 2
EEB112  Electrical and Computer Engineering 1
MAB132  Engineering Mathematics 1B

Year 2, Semester 1
CEB207  Professional Studies 2 (Timber Structures & Earthworks)
CEB230  Engineering Materials and the Environment
CEB232  Geotechnical Engineering 1 and the Environment
MAB138  Engineering Statistics and Numerical Methods

Year 2, Semester 2
CEB215  Structural Engineering 1
CEB217  Hydraulic Engineering 1
CEB233  Environmental Professional Studies 3 (Impacts of Projects and Sustainable Development)

PCB136  Engineering Physics 1C

Year 3, Semester 1
CEB317  Professional Studies 4 (Project Documentation & Roads)
CEB319  Water Engineering
CEB330  Environmental Management for Engineers
PSB435  Social and Cultural Relations

Year 3, Semester 2
CEB321  Water and Wastewater Treatment
CEB322  Geotechnical Engineering 2
CEB418  Waste Resource Management
CEB419  Environmental Transport & Infrastructure Management

Year 4, Semester 1
CEB416  Environmental Law and Assessment
CEB420  Environmental Thesis Project A
CEB523  Environmental Geotechnology
Elective

Year 4, Semester 2
CEB426  Environmental Professional Studies (Civil Project)
PSB443  Population and Urban Studies
CEB420  Environmental Thesis Project A
OR
Directed Elective
Directed Elective
A minor from the Faculty of Built Environment and Engineering or Science can be substituted for 4 elective units in 4th year.

Electives - List A Semester 1 (subject to availability)
CEB523  Environmental Geotechnology
PSB501  Environmental Planning and Assessment
NBB500  Environmental Modelling
NBB501  Mapping and Modelling of Natural Resource Data
Or other units approved by the course coordinator

Electives - List B Semester 2 (subject to availability)
PSB453  Urban Systems and the Physical Environment
NBB440  Environmental Chemistry
NBB600  Issues in Environmental Management
SCB402  Earth Resources Management
Or other units approved by the course coordinator.

■ Bachelor of Engineering (Civil) (CE44)
Award title: Bachelor of Engineering (Civil)
CRICOS code: 037544G
Location: Gardens Point
Course duration (full-time): 4 years
Course duration (part-time): 6-8 years - February entry only
Total credit points: 384

Standard credit points per semester (full-time): 48
Course coordinator: Dr Martin Murray

Professional Recognition
This degree is recognised for the purpose of membership of The Institution of Engineers, Australia. It is professionally recognised by the Hong Kong Institution of Engineers, the UK Institution of Mechanical Engineers, the Institution of Professional Engineers, New Zealand, The Institution of Engineers, Ireland and the various professional engineering registry bodies in the USA.

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

Other Options
This course is also offered as an accelerated program for mid-year entry students. The course can be completed in three and a half years full-time through attendance at the Summer Program. Please refer to the Mid-year entry course structure (CE45).
Environmental Engineering Major: Students may elect to enter the environmental major of the course at the end of Year 3.
Articulation to Master of Engineering Science
Subject to University approval, students achieving a certain minimum performance criteria at the end of year 3 of the Bachelor of Engineering course, may be eligible to study two Master of Engineering Science level units as electives. After successfully completing the Bachelor of Engineering course, students eligible to enrol in the Master of Engineering Science courses can then have these two units credited towards the Masters Program.

Special Course Requirements
A candidate for the degree of Bachelor of Engineering (Civil) must obtain at least 60 days of industrial experience/practice in an engineering environment approved by the course coordinator.

Part-time Study
Prospective part-time students for this degree should be aware that they may need 9 to 12 hours release from their employment. Students wishing to enrol part-time must consult with the course coordinator regarding their enrolment.

Course structure - February entry (CE44)

Year 1, Semester 1
- CEB109 Engineering Mechanics 1
- MMB131 Engineering Materials
- PCB136 Engineering Physics 1C
- MAB180 Engineering Mathematics 1
- or
- MAB131 Engineering Mathematics 1A
- MAB180-must have Maths B, MAB131-must have Maths C
- Students who do not have Maths B to consult with School Administration Officer.

Year 1, Semester 2
- BNB007 Professional Studies 1
- CEB110 Engineering Mechanics 2
- EEB112 Electrical and Computer Engineering 1
- MAB132 Engineering Mathematics 1B

Year 2, Semester 1
- CEB207 Professional Studies 2 (Timber Structures & Earthworks)
- CEB208 Materials Science
- CEB209 Geotechnical Engineering 1
- CEB213 Environmental Science

Year 2, Semester 2
- CEB214 Professional Studies 3 (Environmental & Transport)
- CEB215 Structural Engineering 1
- CEB216 Project Engineering 1
- CEB217 Hydraulic Engineering I

Year 3, Semester 1
- CEB317 Professional Studies 4 (Project Documentation & Roads)
- CEB318 Structural Engineering 2
- CEB319 Water Engineering
- MAB138 Engineering Statistics and Numerical Methods

Year 3, Semester 2
- CEB321 Water and Wastewater Treatment
- CEB322 Geotechnical Engineering 2
- CEB323 Transport Engineering 1
- CEB329 Professional Studies 5 (Steel Design & Construction)

Year 4, Semester 1
- CEB411 Thesis Project A
- CEB412 Thesis Project B
- CEB424 Professional Studies 6 (Concrete Structures & Geotechnical Engineering)
- CEB508 Project Management and Administration
- CEB517 Advanced Engineering Studies
- CEB523 Environmental Geotechnotechnology

Year 4, Semester 2
- CEB415 Thesis Project B
- CEB418 Waste Resource Management
- CEB426 Environmental Professional Studies (Civil Project)
- Directed Elective

Electives

Year 1, 2 and 3
- See Year 1, 2 and 3 of full-time CE44 course structure

Year 4, Semester 1
- CEB411 Thesis Project A
- CEB416 Environmental Law and Assessment
- CEB424 Professional Studies 6 (Concrete Structures & Geotechnical Engineering)
- CEB523 Environmental Geotechnotechnology

Year 4, Semester 2
- CEB418 Waste Resource Management
- CEB426 Environmental Professional Studies (Civil Project)

Elective

Course structure - Environmental Major

Years 1, 2 and 3

Year 1, Semester 2
- CEB109 Engineering Mechanics 1
- MMB131 Engineering Materials
- PCB136 Engineering Physics 1C
- MAB180 Engineering Mathematics 1
- or
- MAB131 Engineering Mathematics 1A
- MAB180-must have Maths B, MAB131-must have Maths C
- Students not having Maths B, please consult School Admin Officer.

Year 2, Semester 1
- CEB207 Professional Studies 2 (Timber Structures & Earthworks)
- CEB208 Materials Science
- CEB209 Geotechnical Engineering 1
- CEB213 Environmental Science

Year 2, Semester 2
- CEB214 Professional Studies 3 (Environmental & Transport)
- CEB215 Structural Engineering 1
- CEB216 Project Engineering 1
- CEB217 Hydraulic Engineering I

Year 3, Semester 1
- CEB317 Professional Studies 4 (Project Documentation & Roads)
- CEB318 Structural Engineering 2
- CEB319 Water Engineering
- MAB138 Engineering Statistics and Numerical Methods

Year 3, Semester 2
- CEB321 Water and Wastewater Treatment
- CEB322 Geotechnical Engineering 2
- CEB323 Transport Engineering 1
- CEB329 Professional Studies 5 (Steel Design & Construction)

Year 4, Semester 1
- CEB411 Thesis Project A
- CEB412 Thesis Project B
- CEB424 Professional Studies 6 (Concrete Structures & Geotechnical Engineering)
- CEB508 Project Management and Administration
- CEB517 Advanced Engineering Studies
- CEB518 River and Coastal Engineering
- CEB522 Geotechnical Engineering Practice

Year 4, Semester 2
- CEB415 Thesis Project B
- CEB418 Waste Resource Management
- CEB426 Environmental Professional Studies (Civil Project)

Directed Elective

Course structure - Mid-year entry (CE45)

Year 1, Semester 2 Mid-year entry
- CEB109 Engineering Mechanics 1
- MMB131 Engineering Materials
- PCB136 Engineering Physics 1C
- BNB007 Professional Studies 1
- MAB180 Engineering Mathematics 1
- or
- MAB131 Engineering Mathematics 1A
- Please note: MAB180-must have Maths B, MAB131-must have Maths C

Year 1 - Summer Program
- CEB110 Engineering Mechanics 1
- CEB209 Geotechnical Engineering 1
- or (which ever is timetabled for summer)
- CEB217 Hydraulic Engineering 1

Year 2, Semester 1
- CEB207 Professional Studies 2 (Timber Structures & Earthworks)
- CEB208 Materials Science
- CEB213 Environmental Science
- EEB112 Electrical and Computer Engineering 1
- MAB132 Engineering Mathematics 1B

Year 2, Semester 2
- Program is the same as CE44 entry hereafter

Note:
- Mid-Year Entry International Students please consult the School Administration Officer regarding your course structure.

Electives

Year 1, 2 and 3
- See Year 1, 2 and 3 of full-time CE44 course structure

Year 4, Semester 1
- CEB411 Thesis Project A
- CEB416 Environmental Law and Assessment
- CEB424 Professional Studies 6 (Concrete Structures & Geotechnical Engineering)
- CEB523 Environmental Geotechnotechnology

Year 4, Semester 2
- CEB418 Waste Resource Management
- CEB426 Environmental Professional Studies (Civil Project)

Directed Elective

Elective

Bachelor of Engineering (Computer Systems) (EE46)

Award title: Bachelor of Engineering (Computer Systems)
CRICOS code: 040309C
Location: Gardens Point
Course duration (full-time): 4 years
Total credit points: 384
Standard credit points per semester (full-time): 48
Course coordinator: Dr Vinod Chandran

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

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

Optional Pathways
Students entering the Bachelor of Engineering (Electronics)/Bachelor of Information Technology course or the Bachelor of Engineering (Telecommunications) course can change to the Bachelor of Engineering (Computer Systems) at the end of the first year without loss of credit, subject to approval from the course coordinator and meeting minimum course requirements.

Articulation to Masters
Subject to University approval, students achieving a certain minimum performance criteria at the end of year 3 of the Bachelor of Engineering course may be eligible to study two Master of Engineering Science level units as electives. After successfully completing the Bachelor of Engineering course, students eligible to enrol in the Master of Engineering Science courses can then have these two units credited towards the Masters Program.

Special Course Requirements
Students must complete at least 60 days industrial experience before graduating.

Course structure

Year 1, Semester 1
- ITB111 Software Development 1
- ITB114 Networking Systems
- PCB136 Engineering Physics 1C
- MAB180 Engineering Mathematics 1
  or
- MAB131 Engineering Mathematics 1A
  MAB180 Engineering Mathematics is to be taken by those students not obtaining a SA or better in Queensland Mathematics C (or equivalent).

Year 1, Semester 2
- BNB007 Professional Studies 1
- EEB213 Electrical Circuits and Measurements
- ITB112 Software Development 2
- MAB132 Engineering Mathematics 1B

Year 2, Semester 1
- EEB312 Analog and Digital Electronics
- EEB340 Introduction to Telecommunications
- ITB610 Software Development 3
- MAB139 Computer Engineering Mathematics 3

Year 2, Semester 2
- EEB412 Advanced Electronics and Embedded Systems
- EEB440 Classical Signal Processing
- ITB118 ICT Systems Life Cycle
- ITB611 Object Technology

Year 3, Semester 1
- EEB512 Industrial Electronics and Digital Design
- EEB560 Digital Communications
- EEB584 Introduction to Design
- EEB566 Real-Time Computer-Based Systems

Year 3, Semester 2
- EEB612 Software Systems Design
- EEB640 Digital Signal Processing
- EEB666 Communication Environments for Embedded Systems
- EEB684 Advanced Design

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

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

Students must complete 60 days industrial experience before graduating.

Elective Units
- EEB511 Modern Control and Power Electronics
- EEB641 Fields Transmission and Propagation
- EEB650 Power Systems Analysis
- EEB904 Advanced Topics in Electrical Engineering A
- EEB905 Advanced Topics in Electrical Engineering B
- EEB911 Electrical Energy Systems
- EEB941 Modern Signal Processing
- EEB960 Wireless Communications
- EEB961 RF and Applied Electromagnetics
- EEB976 Advanced Industrial Electronics
- EEB992 VLSI Circuits and Systems
- EEP123 Process Control and Robotics
- EEP129 Image Processing and Computer Vision
- ITB623 Information Security
- ITB640 Artificial Intelligence
- ITB641 Component and Network Applications
- ITB643 Unix Systems Programming
- ITB646 Cryptographic Fundamentals
- ITB647 Advanced Programming Technology
- ITB648 Graphics
- ITB650 Computational Intelligence

NOTE:
At the discretion of the course coordinator students maybe allowed to select an elective from any advanced topics offered by the University.

Bachelor of Engineering (Electrical and Computer Engineering) (EE41)

Award title: Bachelor of Engineering (Electrical and Computer Engineering)
CRICOS code: 003490G
Location: Gardens Point
Course duration (full-time): 4 years
Course duration (part-time): 8 years (February entry only)
Total credit points: 384
Standard credit points per semester (full-time): 48
Course coordinator: Dr Duncan Campbell

Professional Recognition
This degree meets the requirements for membership of The Institution of Engineers, Australia and the Institution of Radio and Electronics Engineers Australia. It is professionally recognised by many international professional institutions including the Professional Engineers Board Singapore.

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

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

Industry Cooperative Education Program
High achieving students at the commencement of third year will also be eligible to participate in the Industry Cooperative Education Program, based on a three-way partnership between the student, University and industry, and involving a full-time, one semester, paid and supervised workplace position with the industry partner.

Articulation to Masters
Subject to University approval, students achieving a certain minimum performance criteria at the end of year 3 of the Bachelor of Engineering course, may be eligible to study two Master of Engineering Science level units as electives. After successfully completing the Bachelor of Engineering course, students eligible to enrol in the Master of Engineering Science courses can then have these two units credited towards the Masters Program.
Special Course Requirements
To graduate, students must complete at least 60 days industrial experience in an engineering environment which is approved by the course coordinator.

Part-time Study
Prospective part-time students for this degree should be aware that they may need 9 to 12 hours release from their employment. Students wishing to enrol part-time must consult with the course coordinator regarding their enrolment.

Course structure - Full-time

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Course Code</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>CEB109</td>
<td>Engineering Mechanics 1</td>
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<tr>
<td>EEB112</td>
<td>Electrical and Computer Engineering 1</td>
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<td>MAB180</td>
<td>Engineering Mathematics 1</td>
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<tr>
<td>MAB131</td>
<td>Engineering Mathematics 1A</td>
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<tr>
<td>PCB136</td>
<td>Engineering Physics 1C</td>
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<th>Year 1, Semester 2</th>
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<tr>
<td>BBN007</td>
<td>Professional Studies 1</td>
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<td>EEB212</td>
<td>Electrical and Computer Engineering 2</td>
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<td>MAB132</td>
<td>Engineering Mathematics 1B</td>
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<td>MMB131</td>
<td>Engineering Materials</td>
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<th>Year 2, Semester 1</th>
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<tbody>
<tr>
<td>EEB311</td>
<td>Electrical Measurement and Machines</td>
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<tr>
<td>EEB312</td>
<td>Analog and Digital Electronics</td>
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<tr>
<td>EEB340</td>
<td>Introduction to Telecommunications</td>
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<td>MAB134</td>
<td>Electrical Engineering Mathematics 3</td>
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<th>Course Code</th>
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<tbody>
<tr>
<td>EEB411</td>
<td>Classical Control and Power Systems</td>
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<td>EEB412</td>
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<td>MAB135</td>
<td>Electrical Engineering Mathematics 4</td>
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<td>Modern Control and Power Electronics</td>
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<tr>
<td>EEB512</td>
<td>Industrial Electronics and Digital Design</td>
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<tr>
<td>EEB560</td>
<td>Digital Communications</td>
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<tr>
<td>EEB584</td>
<td>Introduction to Design</td>
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<td>EEB612</td>
<td>Software Systems Design</td>
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<td>EEB641</td>
<td>Fields Transmission and Propagation</td>
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<tr>
<td>EEB684</td>
<td>Advanced Design</td>
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<tr>
<td>EEB640</td>
<td>Digital Signal Processing</td>
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<td>EEB650</td>
<td>Power Systems Analysis</td>
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<td>Professional Studies 2</td>
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<td>EEB889</td>
<td>Project</td>
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<tr>
<td>EEB889</td>
<td>Project</td>
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</table>

At the discretion of the course coordinator students maybe allowed to select an elective from any advanced topics offered by the University.

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

Electives

<table>
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<tr>
<th>Course Code</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>EEB904</td>
<td>Advanced Topics in Electrical Engineering A</td>
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<td>EEB905</td>
<td>Advanced Topics in Electrical Engineering B</td>
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<td>EEB911</td>
<td>Electrical Energy Systems</td>
</tr>
<tr>
<td>EEB941</td>
<td>Modern Signal Processing</td>
</tr>
<tr>
<td>EEB960</td>
<td>Wireless Communications</td>
</tr>
<tr>
<td>EEB961</td>
<td>RF and Applied Electromagnetics</td>
</tr>
<tr>
<td>EEB976</td>
<td>Advanced Industrial Electronics</td>
</tr>
<tr>
<td>EEB992</td>
<td>VLSI Circuits and Systems</td>
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</table>

NOTE:
At the discretion of the course coordinator students maybe allowed to select an elective from any advanced topics offered by the University.

Course structure - EE42-Mid-year entry

<table>
<thead>
<tr>
<th>Year 1, Semester 2</th>
<th>Course Code</th>
<th>Course Name</th>
</tr>
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<tbody>
<tr>
<td>BBN007</td>
<td>Professional Studies 1</td>
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<tr>
<td>EEB112</td>
<td>Electrical and Computer Engineering 1</td>
<td></td>
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<tr>
<td>CEB109</td>
<td>Engineering Mechanics 1</td>
<td></td>
</tr>
<tr>
<td>MAB180</td>
<td>Engineering Mathematics 1</td>
<td></td>
</tr>
<tr>
<td>MAB131</td>
<td>Engineering Mathematics 1A</td>
<td></td>
</tr>
<tr>
<td>PCB136</td>
<td>Engineering Physics 1C</td>
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<tr>
<th>Year 2, Semester 1</th>
<th>Course Code</th>
<th>Course Name</th>
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</thead>
<tbody>
<tr>
<td>EEB311</td>
<td>Electrical Measurement and Machines</td>
<td></td>
</tr>
<tr>
<td>EEB312</td>
<td>Analog and Digital Electronics</td>
<td></td>
</tr>
<tr>
<td>EEB340</td>
<td>Introduction to Telecommunications</td>
<td></td>
</tr>
<tr>
<td>MAB134</td>
<td>Electrical Engineering Mathematics 3</td>
<td></td>
</tr>
<tr>
<td>MMB131</td>
<td>Engineering Materials</td>
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<table>
<thead>
<tr>
<th>Year 3, Semester 1</th>
<th>Course Code</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>EEB511</td>
<td>Modern Control and Power Electronics</td>
<td></td>
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<tr>
<td>EEB512</td>
<td>Industrial Electronics and Digital Design</td>
<td></td>
</tr>
<tr>
<td>EEB560</td>
<td>Digital Communications</td>
<td></td>
</tr>
<tr>
<td>EEB584</td>
<td>Introduction to Design</td>
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<th>Year 3, Semester 2</th>
<th>Course Code</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>EEB612</td>
<td>Software Systems Design</td>
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<tr>
<td>EEB641</td>
<td>Fields Transmission and Propagation</td>
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</tr>
<tr>
<td>EEB640</td>
<td>Digital Signal Processing</td>
<td></td>
</tr>
<tr>
<td>EEB650</td>
<td>Power Systems Analysis</td>
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<table>
<thead>
<tr>
<th>Year 4, Semester 1</th>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEB889</td>
<td>Project</td>
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</table>

Students must complete 60 days Industrial Experience before Graduation.

Electives

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
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</thead>
<tbody>
<tr>
<td>EEB904</td>
<td>Advanced Topics in Electrical Engineering A</td>
</tr>
<tr>
<td>EEB905</td>
<td>Advanced Topics in Electrical Engineering B</td>
</tr>
<tr>
<td>EEB911</td>
<td>Electrical Energy Systems</td>
</tr>
<tr>
<td>EEB941</td>
<td>Modern Signal Processing</td>
</tr>
<tr>
<td>EEB960</td>
<td>Wireless Communications</td>
</tr>
<tr>
<td>EEB961</td>
<td>RF and Applied Electromagnetics</td>
</tr>
<tr>
<td>EEB976</td>
<td>Advanced Industrial Electronics</td>
</tr>
<tr>
<td>EEB992</td>
<td>VLSI Circuits and Systems</td>
</tr>
</tbody>
</table>

NOTE:
At the discretion of the course coordinator students maybe allowed to select an elective from any advanced topics offered by the University.

Course structure - Industry Cooperative Education Program

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEB511</td>
<td>Modern Control and Power Electronics</td>
<td></td>
</tr>
<tr>
<td>EEB512</td>
<td>Industrial Electronics and Digital Design</td>
<td></td>
</tr>
<tr>
<td>EEB560</td>
<td>Digital Communications</td>
<td></td>
</tr>
<tr>
<td>EEB584</td>
<td>Introduction to Design</td>
<td></td>
</tr>
<tr>
<td>EEB641</td>
<td>Fields Transmission and Propagation</td>
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<table>
<thead>
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<th>Course Code</th>
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<tr>
<td>EEB686</td>
<td>Industry Practice</td>
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<td>EEB640</td>
<td>Digital Signal Processing</td>
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<td>EEB650</td>
<td>Power Systems Analysis</td>
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<table>
<thead>
<tr>
<th>Year 4, Semester 1</th>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEB889</td>
<td>Project</td>
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</tbody>
</table>

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

Electives

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
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</thead>
<tbody>
<tr>
<td>EEB904</td>
<td>Advanced Topics in Electrical Engineering A</td>
</tr>
<tr>
<td>EEB905</td>
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<tr>
<td>EEB911</td>
<td>Electrical Energy Systems</td>
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<td>EEB941</td>
<td>Modern Signal Processing</td>
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<tr>
<td>EEB960</td>
<td>Wireless Communications</td>
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<tr>
<td>EEB961</td>
<td>RF and Applied Electromagnetics</td>
</tr>
<tr>
<td>EEB976</td>
<td>Advanced Industrial Electronics</td>
</tr>
<tr>
<td>EEB992</td>
<td>VLSI Circuits and Systems</td>
</tr>
</tbody>
</table>

NOTE:
At the discretion of the course coordinator students maybe allowed to select an elective from any advanced topics offered by the University.
Professional Recognition
This course has provisional accreditation from The Institution of Engineers, Australia (IEAust).

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

Articulation to Masters
Subject to University approval, students achieving a minimum performance criteria at the end of year 3 of the Bachelor of Engineering course, may be eligible to study two Master of Engineering Science or Master of Engineering Management units as electives. After successfully completing the Bachelor of Engineering course, students eligible to enrol in the Masters of Engineering Science or Master of Engineering Management courses can then have these two units credited towards the Masters Program.

Course structure

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
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<tbody>
<tr>
<td>EEB112 Electrical and Computer Engineering 1</td>
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<tr>
<td>EEB132 Engineering Mathematics 1B</td>
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<tr>
<td>or</td>
</tr>
<tr>
<td>MAB131 Engineering Mathematics 1A</td>
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<table>
<thead>
<tr>
<th>Year 2, Semester 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEB411 Modern Control and Power Electronics</td>
</tr>
<tr>
<td>EEB512 Industrial Electronics and Digital Design</td>
</tr>
<tr>
<td>EEB612 Software Systems Design</td>
</tr>
<tr>
<td>EBB641 Fields Transmission and Propagation</td>
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<table>
<thead>
<tr>
<th>Year 3, Semester 1</th>
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</thead>
<tbody>
<tr>
<td>EEB311 Analog and Digital Electronics</td>
</tr>
<tr>
<td>EEB340 Introduction to Telecommunications</td>
</tr>
<tr>
<td>MAB134 Electrical Engineering Mathematics 3</td>
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<table>
<thead>
<tr>
<th>Year 4, Semester 1</th>
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</thead>
<tbody>
<tr>
<td>MAB180 Engineering Mathematics 1</td>
</tr>
<tr>
<td>BNB007 Professional Studies 1</td>
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<td>MMB131 Engineering Materials</td>
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<tr>
<th>Year 4, Semester 2</th>
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<tbody>
<tr>
<td>EEB440 Classical Signal Processing</td>
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<tr>
<td>MAB135 Electrical Engineering Mathematics 4</td>
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<tr>
<th>Year 5, Semester 1</th>
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<tbody>
<tr>
<td>EEB360 Digital Communications</td>
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<tr>
<td>EEB364 Introduction to Design</td>
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<table>
<thead>
<tr>
<th>Year 5, Semester 2</th>
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<tbody>
<tr>
<td>EEB364 Advanced Design</td>
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<td>Select one of:</td>
</tr>
<tr>
<td>EEB640 Digital Signal Processing</td>
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<td>EEB650 Power Systems Analysis</td>
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<table>
<thead>
<tr>
<th>Year 6, Semester 1</th>
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<tbody>
<tr>
<td>CEB109 Engineering Mechanics 1</td>
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<tr>
<td>CEB136 Engineering Physics 1C</td>
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<table>
<thead>
<tr>
<th>Year 6, Semester 2</th>
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</thead>
<tbody>
<tr>
<td>EEB212 Electrical and Computer Engineering 2</td>
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<tr>
<td>MAB132 Engineering Mathematics 1B</td>
</tr>
<tr>
<td>or</td>
</tr>
<tr>
<td>MAB180 Engineering Mathematics 1</td>
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<table>
<thead>
<tr>
<th>Year 7 - Semester 1</th>
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<tbody>
<tr>
<td>EEB781 Professional Studies 2</td>
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<tr>
<td>EEB889 Project</td>
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<table>
<thead>
<tr>
<th>Year 8 - Semester 1</th>
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<tbody>
<tr>
<td>EEB781 Professional Studies 2</td>
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<tr>
<td>EEB889 Project</td>
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<table>
<thead>
<tr>
<th>Year 8 - Semester 2</th>
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<tbody>
<tr>
<td>BNB007 Engineering Management</td>
</tr>
<tr>
<td>MMB004 Infomechatronics Project</td>
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</table>

Students must complete 60 days Industrial Experience to graduate.
Professional Recognition
This degree is recognised for the purpose of membership of the Institution of Engineers, Australia. It is professionally recognised by the Hong Kong Institution of Engineers, the UK Institution of Mechanical Engineers, the Institution of Professional Engineers, New Zealand, and the Institution of Engineers, Ireland. Graduates meet the requirements for membership of the Singapore Professional Engineers Board, and the Lembaga Jurutera (Board of Engineers) Malaysia. The course is also accredited by the Indonesian Directorate of Higher Education as equivalent to the appropriate Indonesian degree.

Major-Engineering Management
Students enrolled in the Bachelor of Engineering (Mechanical) have the opportunity to undertake a major in Engineering Management during the final two years of their degree. Students wishing to undertake the major should consult the course coordinator.

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

Articulation to Masters
Subject to University approval, students achieving a minimum performance criteria at the end of year 3 of the Bachelor of Engineering course, may be eligible to study two Master of Engineering Science or Master of Engineering Management units as electives. After successfully completing the Bachelor of Engineering course, students eligible to enrol in the Master of Engineering Science or Master of Engineering Management courses can then have these two units credited towards the Masters Program.

Part-time Study
Prospective part-time students for this degree should be aware that they may need 9 to 12 hours release from their employment. Students wishing to enrol part-time must consult with the course coordinator regarding their enrolment.

Course structure

**Year 1, Semester 2**

- CEB109 Engineering Mechanics 1
- MMB131 Engineering Materials
- PCB136 Engineering Physics 1C
- MAB180 Engineering Mathematics 1
  or
- MAB131 Engineering Mathematics 1A

**Year 1, Semester 2**

- BN8007 Professional Studies 1
- EEB112 Electrical and Computer Engineering 1
- MAB132 Engineering Mathematics 1B
- MMB112 Dynamics

**Year 2, Semester 1**

- EEB220 Electrical Engineering 2M
- MAB133 Engineering Mathematics 2
- MMB211 Mechanics 1
- MMB281 Fundamentals of Mechanical Design

**Year 2, Semester 2**

- MAB136 Engineering Statistics
- MMB212 Mechanics 2
- MMB232 Materials Technology
- MMB252 Thermofluids

**Year 3, Semester 1**

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

**Year 3, Semester 2**

- MGB007 Engineering Management
- MMB351 Thermodynamics
- MMB382 Design and Maintenance of Machinery
  Elective from Group A

**Year 4 - Semesters 1 and 2**

- MMB400 Industry Project
  3 electives from Group B and 1 elective from Group C
  Option 1
- MMB401/2 Project
  3 electives from Group B and 1 elective from Group C
  Students in this course must complete 60 days industrial experience before graduating.

**Engineering Management Major**
Students wishing to undertake the Engineering Management major should consult their course coordinator.

**Year 3, Semester 2**

- MMB376 Professional Practice (Engineering Management)
- MMB351 Thermodynamics
- MMB382 Design and Maintenance of Machinery
- MMB476 Operations Management

**Year 4, Semester 1**

- MMB470 Engineering Asset Management and Maintenance
- MMB375 Industrial Engineering
  Two units from the Engineering Management electives list

**Year 4, Semester 2**

- MMB402 Engineering Management Project

**Engineering Management Major Electives**

**Electives - Group A**

- MMB412 Finite Element Analysis
- MMB430 Advanced Materials
- MMB450 Air Conditioning
- MMB335 Tribology
- BSB122 Business Information Analysis and Communication

**Electives - Group B**

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

**Electives - Group C**

- MMB470 Engineering Asset Management and Maintenance
- MMB476 Operations Management
  or
  Any Management unit approved by the Course Coordinator.

**Electives Note**
Not all electives are available every semester.
- MMB430 is available in odd years only, MMB450 is available in even years only.
- MMB451, MMB461, MMB472 and MMB470 are available in semester 1 only.
- MMB411, MMB413, MMB471 and MMB476 are available in semester 2 only.

**ME42 BEngineering (Mechanical) Mid-year entry**

**Year 1, Semester 2**

- BN8007 Professional Studies 1
- CEB109 Engineering Mechanics 1
- PCB136 Engineering Physics 1C
- MAB131 Engineering Mathematics 1A
  or
- MAB180 Engineering Mathematics 1

**Year 1 - Summer Program**

- MAB132 Engineering Mathematics 1B
- MMB450 Air Conditioning
- MMB451 Energy Management
- MMB461 Process Systems Design
- MMB471 Computer Integrated Manufacturing
- MMB472 Design for Manufacturing 2
- BSB115 Management, People and Organisations
  Not all electives are available every semester.
  MMB430 is available in odd years only, MMB450 is available in even years only.
  MMB451, MMB461, MMB472 and MMB470 are available in semester 1 only.
  MMB411, MMB413, MMB471 and MMB476 are available in semester 2 only.

- MGB007 Professional Studies 1
**Bachelor of Engineering (Medical) (ME48)**

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

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

**Special Course Requirements**  
Students must obtain at least 60 days of industrial employment in an engineering environment approved by the course coordinator. Half of this experience must be in an industry related to Biomedical Engineering.

**Articulation to Masters**  
Subject to University approval, students achieving a minimum performance criteria at the end of year 3 of the Bachelor of Engineering course, may be eligible to study two Master of Engineering Science or Master of Engineering Management units as electives. After successfully completing the Bachelor of Engineering course, students eligible to enrol in the Master of Engineering Science or Master of Engineering Management courses can then have these two units credited towards the Masters Program.

**Course structure**

**Year 1, Semester 1**

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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>MAB133</td>
<td>Engineering Mathematics 2</td>
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<tr>
<td>MMB311</td>
<td>Mechanics 3</td>
</tr>
<tr>
<td>MMB352</td>
<td>Fluid Mechanics</td>
</tr>
<tr>
<td>MMB381</td>
<td>Design of Mechanical Components and Machines</td>
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**Year 1, Semester 2**

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<th>Course Title</th>
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<td>MMB351</td>
<td>Thermodynamics</td>
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<td>MMB382</td>
<td>Design and Maintenance of Machinery 1 Elective</td>
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**Year 2, Semester 1**

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<th>Course Title</th>
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</tr>
<tr>
<td></td>
<td>OR</td>
</tr>
<tr>
<td>MMB401/2</td>
<td>Internal Project</td>
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<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>MMB382</td>
<td>Design and Maintenance of Machinery</td>
</tr>
<tr>
<td>MMB381</td>
<td>Design of Mechanical Components and Machines</td>
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**Year 3, Semester 1**

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<th>Course Title</th>
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**Group A Electives**

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<th>Course Title</th>
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<tbody>
<tr>
<td>MMB411</td>
<td>Advanced Automatic Control</td>
</tr>
<tr>
<td>MMB413</td>
<td>Industrial Noise and Vibrations</td>
</tr>
<tr>
<td>MMB451</td>
<td>Energy Management</td>
</tr>
<tr>
<td>MMB461</td>
<td>Process Systems Design</td>
</tr>
<tr>
<td>MMB471</td>
<td>Computer Integrated Manufacturing</td>
</tr>
<tr>
<td>MMB472</td>
<td>Design for Manufacturing 2</td>
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<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MMB382</td>
<td>Design and Maintenance of Machinery</td>
</tr>
<tr>
<td>MMB381</td>
<td>Design of Mechanical Components and Machines</td>
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</table>

**Group B Electives**

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<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
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<tr>
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<td>Finite Element Analysis</td>
</tr>
<tr>
<td>MMB430</td>
<td>Advanced Materials</td>
</tr>
<tr>
<td>MMB450</td>
<td>Air Conditioning</td>
</tr>
<tr>
<td>MMB353</td>
<td>Tribology</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MMB412</td>
<td>Finite Element Analysis</td>
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<td>MMB430</td>
<td>Advanced Materials</td>
</tr>
<tr>
<td>MMB450</td>
<td>Air Conditioning</td>
</tr>
<tr>
<td>MMB353</td>
<td>Tribology</td>
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**Group C Electives**

<table>
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<th>Course Code</th>
<th>Course Title</th>
</tr>
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<tbody>
<tr>
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<td>Engineering Asset Management and Maintenance</td>
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<tr>
<td>MMB476</td>
<td>Operations Management</td>
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<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MMB470</td>
<td>Engineering Asset Management and Maintenance</td>
</tr>
<tr>
<td>MMB476</td>
<td>Operations Management</td>
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</table>

**Electives Note**

See above, ME41 B Engineering (Mechanical), for semesters of offer.
### Bachelor of Engineering (Telecommunications) (EE47)

**Award title:** Bachelor of Engineering (Telecommunications)

**CRICOS code:** 040308D

**Location:** Gardens Point

**Course duration (full-time):** 4 years

**Total credit points:** 384

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

**Course coordinator:** Dr Vinod Chandran

### Professional Recognition

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

### Minors

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

#### Optional Pathway

Students entering the Bachelor of Engineering (Electronics)/Bachelor of Information Technology course or the Bachelor of Engineering (Computer Systems) course can internally transfer to the Bachelor of Engineering (Telecommunications) at the end of the first year without loss of credit, subject to approval from the course coordinator, and meeting minimum course requirements.

#### Articulation to Masters

Subject to University approval, students achieving a certain minimum performance criteria at the end of year 3 of the Bachelor of Engineering course, may be eligible to study two Master of Engineering Science level units as electives.

After successfully completing the Bachelor of Engineering course, students eligible to enrol in the Master of Engineering Science courses can then have these two units credited towards the Masters Program.

### Special Course Requirements

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

#### Course structure

**Year 1, Semester 1**

- ITB111 Software Development 1

**Year 2, Semester 1**

- EEB889-1 Project

**Year 2, Semester 2**

- EEB889-2 Project

**Year 3, Semester 1**

- EEB766 Communication Technologies

**Year 3, Semester 2**

- EEB781 Professional Studies 2

**Year 4, Semester 1**

- EEB889-1 Project

**Year 4, Semester 2**

- EEB889-2 Project

### Elective Units

- MAB180 Engineering Mathematics 1A
- MAB180 Engineering Mathematics 1

**NOTE:**

At the discretion of the course coordinator students maybe allowed to select an elective from any advanced topics offered by the University.
■ Bachelor of Property Economics (CN54)
Award title: Bachelor of Property Economics
CRICOS code: 040319A
Location: Gardens Point
Course duration (full-time): 4 years or 3 years for the early exit option
Course duration (part-time): 8 years or 6 years for the early exit option
Total credit points: 384, or 288 for 3 years early exit option
Course coordinator: Dr Lynne Armitage

Special Course Requirements
All students must undertake 60 days professional work experience during the course as part of CNB390 Professional Practice. All work experience must approved by the course coordinator to verify that it is appropriate. A work experience diary is to be maintained and available for inspection by the unit coordinator as a formal assessment component.

A student registered in the flexible or part-time study program must be employed full-time in an approved organisation for three of the final four years of the course. Part-time study generally involves around 8 formal contact hours per week and some release from employment is required.

Professional Recognition
Graduates with relevant professional experience are eligible for membership of the Australian Property Institute and registration by the Valuers’ Registration Board of Queensland. The course is accredited by the Royal Institution of Chartered Surveyors, Australia and the Mapping Sciences Institute, Australia, and the Institution of Engineering and Mining (Property Economics) degree. This degree provides full domestic accreditation with the Australian Property Institute and Valuers’ Registration Board of Queensland. Students graduating on the completion of the course. Part-time study generally involves around 8 formal contact hours per week and some release from employment is required.

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

Special Note
Students may elect to complete their studies on the completion of 3 years (or flexible part-time equivalent). Students who select this option will graduate with a Bachelor of Applied Science (Property Economics) degree. This degree provides full domestic accreditation with the Australian Property Institute and Valuers’ Registration Board of Queensland. Students graduating on the four year program have the potential to graduate with honours according to their overall grade point average.

Flexible Mode
Students may take up to 3 units per semester from the full-time timetable.

Course structure
Year 1, Semester 1
CNB190 Introductory Studies
CNB191 Property Law 1
BSB113 Economics
CNB192 Building Studies 1

Year 1, Semester 2
EFB102 Economics 2
CNB193 Property Law 2
CNB194 Principles of Property Valuation
MAB107 Introductory Mathematics and Statistics

Year 2, Semester 1
CNB290 Building Studies 2
CNB291 Urban Economics
CNB292 Property Investment Valuation
CNB293 Real Estate Accounting and Taxation

Year 2, Semester 2
EFB210 Finance 1
CNB294 Real Estate Agency and Marketing

CNB295 Planning Theory and Processes
CNB395 Research Methods

Year 3, Semester 1
CNB296 Contemporary Issues
CNB390 Professional Practice
CNB391 Statutory and Applied Valuation
EFB307 Finance 2

OR Elective if Finance Major is not taken

Year 3, Semester 2
CNB392 Property Investment Analysis
CNB393 Property and Asset Management
CNB394 Property Development
CNB296 Contemporary Issues

Year 4
CNB490-1 Research Dissertation 1
CNB490-2 Research Dissertation 2

EFB202 Business Cycles and Economic Growth

Students must complete the 3 core units above plus

ALL FIVE units from any one of the elective options below

All electives must be approved by the course coordinator prior to year 4 enrolment.

Option 1 Valuation and Analysis
EFB318 Portfolio and Security Analysis
CNB494 Advanced Market Research Analysis
CNB491 Rural Valuation
CNB492 Business and Specialist Valuation
CNB493 Advanced Property Valuation and Analysis

Option 2 Property and Asset Management
CNB494 Advanced Market Research Analysis
EFB318 Portfolio and Security Analysis
CNB495 Strategic Property and Facilities Management
EFB326 Applied Portfolio Management
MGB207 Human Resource Issues and Strategy

Option 3 Development Management
CNB496 Project Management
CNB497 Project Cost and Risk Management
CNB498 Project Human Resource Management
CNB499 International Project Development Management
EFB312 International Finance and Economics

Option 4 Faculty specified minor
4 Faculty minor electives
Free choice elective

■ Bachelor of Surveying (PS47)
Award title: Bachelor of Surveying
CRICOS code: 016354J
Location: Gardens Point
Course duration (full-time): 4 years
Total credit points: 384
Course coordinator: Mr Kevin Jones

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

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

Minors
Subject to the approval of the course coordinator, students may be able to choose a minor area of study. A minor is a collection of four units from the one study area, that totals 48 credit points. This will not affect the total number of credit points required for course completion. Students may choose from the list of minors, available from the office of the Faculty of Built Environment and Engineering.
Special Course Requirements
Students must obtain at least 90 days of industrial experience/practice in a surveying/mapping environment, approved by the course coordinator. Students must submit a report or diary in the required format, describing the work carried out during the period of industrial experience/practice and including an Industrial Experience Record Form signed by the employer.

Course structure

Year 1, Semester 1
- MAB100 Mathematical Sciences 1A
- PSB412 Computer Skills
- PSB414 Professional Skills 1
- PSB424 Land Science

Year 1, Semester 2
- DBB646 Surveying Computations
- PCB172 Physics for Surveyors
- PSB422 Environmental Science
- PSB640 Surveying

Year 2, Semester 1
- MAB137 Surveying Mathematics 1
- PSB610 Government and Law
- PSB620 Cadastral Surveying and Mapping
- PSB630 Cartography and Digital Mapping

Year 2, Semester 2
- MAB730 Surveying Mathematics 2
- PSB611 Introduction to Urban and Regional Economics
- PSB631 Geographic Information Systems 1
- PSB641 Engineering Surveying

Year 3, Semester 1
- CEB259 Engineering Design for Land Development
- PSB612 Spatial and Land Information Management
- PSB642 Control Surveying and Analysis
- Elective

Year 3, Semester 2
- PSB613 Land Development Principles and Policies
- PSB632 Photogrammetry
- PSB643 Geodesy
- Elective

Year 4, Semester 1
- PSB614 Urban and Rural Design Principles
- PSB633 Map Production: Principles and Practice
- PSB644 Advanced Geodesy
- Elective

Year 4, Semester 2
- PSB615 Urban and Rural Design Practice
- PSB621 Advanced Cadastral Surveying
- PSB645 Surveying and Mapping Practice
- Elective

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

Recommended Surveying Electives

Year 3, Semester 1
- PSB655 Remote Sensing

Year 3, Semester 2
- PSB652 Topics in Land Administration

Year 4, Semester 1
- PSB655 Remote Sensing
- PSB654 Topics in Spatial Information Science
- PSB650 Project 1

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

Bachelors of Technology (Civil) Conversion Program (CE35)

Award title: Bachelor of Technology (Civil)
CRICOS code: 049435B
Location: Gardens Point
Course duration (full-time): 1.5 - 2 years flexible full-time
Course duration (part-time): 3 years
Course coordinator: Mr Cliff Button

Bachelor of Technology (Mechanical) Conversion Program (ME36)

Award title: Bachelor of Technology (Mechanical)
CRICOS code: 020303G
Location: Gardens Point
Course duration (part-time): 3 years
Total credit points: 288 (including 144 cp advanced standing)
Course coordinator: Dr Vladis Kosse

Special Entry Requirements
Applicants must have completed an Advanced Diploma in Civil Engineering (or equivalent qualification).

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

Advanced Standing
One year (96 credit points unspecified exemption) given for completion of an approved TAFE Advanced Diploma of Civil Engineering which includes EA859 Statics, EA804 Introductory Strength of Materials, EA805 Load Analysis, EB004 Uni Maths 1, and EB005 Uni Maths 2. Further exemptions may be granted upon consultation with course coordinator.

Course structure

Year 1, Semester 1
- CEB208 Materials Science
- CEB213 Environmental Science
- CEB207 Professional Studies 2 (Timber Structures & Earthworks)
- CEB209 Geotechnical Engineering 1

Year 1, Semester 2
- CEB215 Structural Engineering 1
- CEB219 Structural Engineering 1A
- CEB217 Hydraulic Engineering 1
- CEB222 Hydraulic Engineering 1A
- CEB214 Professional Studies 3 (Environmental & Transport)

Electives

Year 2, Semester 1
- CEB328 Investigation Project
- Two Electives

Year 2, Semester 2
- EB865 Municipal Design (at Southbank TAFE)
- Elective (if not taken Year 2, Semester 1)

Electives - Semester 1
- CEB318 Structural Engineering 2
- CEB319 Water Engineering
- MAB138 Engineering Statistics and Numerical Methods

Electives - Semester 2
- CEB321 Water and Wastewater Treatment
- CEB322 Geotechnical Engineering 2
- CEB323 Transport Engineering 1
- CEB413 Structural Engineering 3
Additional Information
Candidates with an Advanced Diploma in Mechanical Engineering (or equivalent) or a relevant tertiary qualification (eg Bachelor of Science or CAE Diploma in Mechanical Engineering) will receive credit of 144 credit points. Students will be automatically granted 144 credit points of academic credit towards their degree.

Part-time Study
Prospective part-time students for this degree should be aware that they may need 9 to 12 hours release from their employment.

Special Course Requirements
Students must obtain at least 50 days of industrial experience with a minimum of 25 days in an engineering environment approved by the course coordinator.

Part-time course structure
Year 1, Semester 1
MAB132 Engineering Mathematics 1B
MMB211 Mechanics 1

Year 1, Semester 2
BSB115 Management, People and Organisations
MMB232 Materials Technology

Year 2, Semester 1
EEB220 Electrical Engineering 2M
MMB237i Manufacturing Processes

Year 2, Semester 2
MMB252 Thermofluids
MMB312 Mechanical Measurement

Year 3, Semester 1
MGB207 Human Resource Issues and Strategy
MMB381 Design of Mechanical Components and Machines

Year 3, Semester 2
MMB212 Mechanics 2
MMB302 Project 2T

Full-time course structure
Year 1, Semester 1
BSB115 Management, People and Organisations
EEB220 Electrical Engineering 2M
MAB132 Engineering Mathematics 1B
MMB211 Mechanics 1

Year 1, Semester 2
MMB212 Mechanics 2
MMB232 Materials Technology
MMB252 Thermofluids
MMB312 Mechanical Measurement

Year 2, Semester 1
MGB207 Human Resource Issues and Strategy
MMB302 Project 2T
MMB371 Manufacturing Processes
MMB381 Design of Mechanical Components and Machines
Section Three – Course Information

Business

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OVERVIEW

Business is QUT’s largest faculty, attracting over a quarter of the University’s enrolments, and is also one of the largest business faculties in Australia.

Through various collaborations with industry and professional bodies, we are a key player in the business community with extensive local and international links.

We know what employers want in today’s business graduates - because we ask them. We regularly involve representatives from the business community in the development and review of our courses. And we employ part time lecturers and tutors currently working in business.

As a student, you will be encouraged to undertake real-world projects to help you develop your own strong links. And you can take advantage of our extensive exchange program and our international study tours options.

This strong practical component of our courses is complemented by our academic excellence. The diversity of interests, experiences, and expertise of our locally and internationally drawn academic staff creates a rich learning and research environment.

We recognise that in the ever-changing world of business you need a solid foundation in business principles along with the flexibility to pursue studies in multiple areas. The Faculty has developed a range of innovative and collaborative programs.

You will graduate with the business acumen and entrepreneurial skills needed to turn any good idea into a successful enterprise. You will graduate with the business acumen and entrepreneurial skills needed to turn any good idea into a successful enterprise.

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Undergraduate

Our Bachelor of Business allows you to tailor your studies to suit your own needs and career aspirations. Choose from majors in:

- Accountancy
- Advertising
- Banking & Finance
- Economics
- Electronic Business
- Human Resource Management
- International Business
- Management
- Marketing
- Public Relations

Having nominated a major, you can then pursue your chosen discipline in more depth, or add a particular flavour or emphasis. You can add units from other faculties within QUT. We also offer a number of double degree options.

Postgraduate

There are many reasons for considering postgraduate study. Whether you’re looking for career advancement, a change in career direction, personal development, or research opportunities we can help you with postgraduate studies to suit your needs. Choose from:

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

Coursework Programs

Our flexible postgraduate programs allow you to expand on your existing qualifications or expertise through study in a different field. For non-degree holders, we offer alternative pathways that build on your work experience.

You can choose from a focused, four-subject Graduate Certificate to a 12-subject coursework Masters qualification in:

- Accountancy
- Advertising
- Applied Finance
- Arts & Cultural Management
- Banking & Finance
- Business Administration
- Business & Taxation Law
- Commerce
- Economics
- Electronic Business
- Human Resource Management
- Integrated Marketing Communication
- International Business
- Management
- Marketing
- Philanthropy & Nonprofit studies
- Public Management
- Public Relations

Innovative MBA Programs

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

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

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

Extensive Research Opportunities

As well as being highly respected for the quality of our postgraduate coursework teaching, the Faculty also provides extensive research opportunities.

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

We also offer professional development programs, and contract research and consultancy services. And because we believe in giving something back to the community, our staff - individually and in groups - engage in a wide range of community service activities.

We are a business faculty for the real world.

SENIOR STAFF

Faculty Office

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

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

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

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

Director of Undergraduate Studies: Andrew Paltridge, BSc(Hons) MEcSt Qld, GradCert(HigherEd) Griffith

Academic Services Manager: Ms Margie Cole, BEd Tas, CAICD
Brisbane Graduate School of Business
Head of School: Prof Evan Douglas, BCom(Hons) MCom Newcastle, PhD Simon Fraser
Director of MBA Program: Dr Caroline Hatcher, BA Qld, BEd Brisbane CAE, MA(Hons) CSU, PhD QUT

School of Accountancy
Head: Prof P. Little, LLB LLM Qld, Barrister-at-Law
Profs: Roger Willett, BA(Hons) UEA, PhD Aberdeen, FCA (ICAEW) M. McGregor-Lowndes, BA LLB Qld, MAdmin, PhD Griff, JP, Solicitor of Supreme Court of Queensland and High Court of Australia
Associate Profs: P. Best, BCom(Hons) Qld, MEngSc N’cle(NSW), PhD QUT, FCPA, ICA, MACS C. Ryan, BCom DipEd MFinMgt Qld, PhD Griff, FCPA, IIA J. Goodwin, BBus Massey, MEd Adel, PhD Lincoln, IIA, CPA, ICANZ

School of Advertising, Marketing and Public Relations
Head: Prof Charles Patti, BA MS PhD Ill
Prof: N. Arnold, BMus MSc (Ed) Southern Ill, ReD Indiana
Associate Prof: J.L. Everett, BA Michigan, MA PhD Colorado

School of Economics and Finance
Head: Prof Allan Layton, B Econ(Hons) MEcon PhD Qld
Prof: A.S. Hurn, BCom(Hons) Natal, DPhil Oxon
Associate Profs: M.L. Robinson, BA(Hons) Syd, MCom(Econ) Melb, PhD ANU T.J.C. Robinson, BCom(Hons) PhD Qld A. Worthington, B4 DipBusStud MEd NE, MCom UNSW, PhD Qld R. Wolff, BSc(Hons) Qld, PhD Oxon

School of Management
Head (Acting): Prof Neal Ryan, BSc MSc MPhil PhD Griff
Profs: M. Griffin, BA Med Melb, PhD Penn St R. Waldensee, BA MA(Psych) Syd, MA(ClinPsych) PhD UN-L

School of International Business
Head: Prof Gordon Boyce, BA(Hons) Brock, MA Keele, PhD LSE

Director: Prof Boris Kabanoff, BA(Hons) PhD Flinders, FANZAM, MAPS

Centre for Philanthropy and Nonprofit Studies
The Centre for Philanthropy and Nonprofit Studies was established in 2001 as a QUT Collaborative Centre, and aims to bring to the community the benefits of teaching, research, technology and service relevant to philanthropic and nonprofit communities.

The Centre builds on the work of the Program on Nonprofit Corporations (PONC) established in the School of Accountancy within the Faculty of Business in 1991. Between 1991 and 2001, the Program involved various QUT staff in research, consultancy and community service in the areas of law, tax, management, marketing, fundraising and ethics of nonprofit and philanthropic organisations.

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

RESEARCH CENTRES

Research Centres
Australian Centre for Business Research
The Australian Centre for Business Research, established in 2003, is a Centre of excellence in business research in Australia and conducts leading research that impacts on both the domestic and international research and business communities. The Centre supports four Major Programs which undertake large scale, high profile research in:
• Applied Modelling in Economics and Finance Research Program;
• Service Leadership and Innovation Research Program;
• Work Effectiveness Research Program; and
• Work and Industry Futures Research Program.

The Faculty fosters a vibrant research community that achieves excellence in targeted areas of business research and supports collaborative, cross-disciplinary and new research to inform and serve business, industry, government and the community. The Centre supports all postgraduate research study undertaken within the Faculty.
Master of Applied Finance (BS98)
Award title: Master of Applied Finance
CRICOS code: 027283F
Location: Gardens Point
Course duration (full-time): 3 semesters
Course duration (part-time): 6 semesters
Total credit points: 144
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Ms Lyn Simpson
Discipline coordinator: Mr Mark Christensen

Course Design
Students must complete twelve units (144 credit points). Some applicants may require unit substitution where they have studied the equivalent of some introductory units in their undergraduate qualification. Choice of unit substitution will be undertaken in conjunction with and on approval of the Director of Graduate Studies.

Professional Recognition
Provided a marketing unit is taken as an elective, or has been undertaken in another course, this course meets the educational requirements for Senior Associate status of the Australasian Institute of Banking and Finance - AAIBF(Snr). Graduates may meet the educational requirements for professional membership of the Financial and Treasury Association.

Course structure - Full-time
Year 1, Semester 1
  EFN405 Managerial Economics
  EFN406 Managerial Finance
  MGN409 Introduction to Management
  Elective unit

Year 1, Semester 2
  EFN413 Securities Law
  EFN414 International Finance
  EFN415 Security Analysis
  Elective unit

Year 2, Semester 1
  BSN404 Project 1
  EFN412 Advanced Managerial Finance
  EFN416 Treasury and Portfolio Management
  EFN505 Financial Risk Management
  Elective units may be chosen from available Faculty of Business postgraduate units, subject to approval.

Course Structure - Part-time
Year 1, Semester 1
  EFN405 Managerial Economics
  EFN406 Managerial Finance

Year 1, Semester 2
  EFN414 International Finance
  EFN415 Security Analysis

Year 2, Semester 1
  EFN412 Advanced Managerial Finance
  MGN409 Introduction to Management

Year 2, Semester 2
  EFN413 Securities Law
  Elective unit

Year 3, Semester 1
  EFN505 Financial Risk Management
  Elective unit

Year 3, Semester 2
  BSN404 Project 1
  EFN507 Advanced Capital Budgeting
  Elective units may be chosen from available Faculty of Business postgraduate units, subject to approval.

Master of Business (Advertising) (BS93)
Award title: Master of Business (Advertising)
CRICOS code: 002329C
Location: Gardens Point
Course duration (full-time): 3 semesters
Course duration (part-time): 6 semesters
Total credit points: 144
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Ms Lyn Simpson
Discipline coordinator: Assoc Prof James Everett

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

Course Design
All students will undertake eight major core units (96 credit points), a project (24 credit points) and two elective units (24 credit points), or four elective units (48 credit points). This major may be taken over three semesters full-time (including a summer semester) or six semesters part-time (including two summer semesters). In principle a student would be able to complete this course in three consecutive semesters, depending on the availability of units.

Students who are enrolled in the BS93 Master of Business who wish to exit early from the course and graduate with a Graduate Diploma in Business, may do so after they have successfully completed eight (8), 12 credit point units, where a minimum of six (6) units are within the same discipline area, approved by the Course Coordinator.

Advertising (Full-time)
Year 1, Semester 1
  AMN400 Consumer Behaviour
  AMN420 Advertising Management
  AMN422 Media Strategy
  AMN401 Integrated Marketing Communication

Year 1, Semester 2
  AMN421 Contemporary Issues in Advertising
  AMN423 Strategies for Creative Advertising
  AMN403 Marketing and Survey Research
  BSN412 Qualitative Research and Analytical Techniques

Year 1, Summer Program
  AMN406 Project
  Two Elective units (24 credit points)
  Or
  Elective unit
  Elective unit
  Elective unit
  Elective unit
  Elective unit

Advertising (Part-time)
Year 1, Semester 1
  AMN400 Consumer Behaviour
  AMN420 Advertising Management

Year 1, Semester 2
  AMN421 Contemporary Issues in Advertising
  AMN423 Strategies for Creative Advertising

Year 2, Semester 1
  AMN422 Media Strategy
  AMN403 Marketing and Survey Research

Year 2, Semester 2
  AMN401 Integrated Marketing Communication
  BSN412 Qualitative Research and Analytical Techniques

Year 3, Semester 1
  Elective unit
  Elective unit

Year 3, Semester 2
  AMN406 Project
  Or
  Two Elective Units (24 credit points)
Master of Business (Human Resource Management) (BS93)

Award title: Master of Business (Human Resource Management)
CRICOS code: 002329C
Location: Gardens Point
Course duration (full-time): 3 semesters
Course duration (part-time): 6 semesters
Total credit points: 144
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Ms Lyn Simpson
Discipline coordinator: Mr Greg Southey

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

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

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

Students who are enrolled in the BS93 Master of Business who wish to exit early from the course and graduate with a Graduate Diploma in Business, may do so after they have successfully completed eight (8), 12 credit point units, where a minimum of six (6) units are within the same discipline area, approved by the Course Coordinator.

Course Structure

Year 1, Semester 1
IBN400 Industry Analysis
MGN404 Managing and Organising Global Firms
MGN505 Consulting and Change Management
MGN506 Contemporary Issues in HRM

Year 1, Semester 2
MGN421 Strategic HRM
MGN422 Contemporary Issues and Practices in Employee Relations
MGN423 Contemporary Strategic Analysis
MGN424 International Dimensions of HRM

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

Year 2, Semester 2
MGN423 Contemporary Strategic Analysis
MGN422 Contemporary Issues and Practices in Employee Relations
MGN421 Strategic HRM
MGN420 Public Relations Management

Year 3, Semester 1
IBN400 Industry Analysis
MGN505 Consulting and Change Management

Part-time Course Structure

Year 1, Semester 1
IBN400 Industry Analysis
MGN404 Managing and Organising Global Firms
MGN506 Contemporary Issues in HRM

Year 1, Semester 2
MGN422 Contemporary Issues and Practices in Employee Relations
MGN424 International Dimensions of HRM

Year 1, Summer Program
Elective unit

Year 2, Semester 1
MGN423 Contemporary Strategic Analysis
MGN423 Contemporary Strategic Analysis

Year 2, Semester 2
MGN421 Strategic HRM
MGN422 Contemporary Issues and Practices in Employee Relations

Year 3, Semester 1
IBN400 Industry Analysis
MGN505 Consulting and Change Management

Year 3, Semester 2
AMN406 Project

Area Specialisation Units
Two of the following 12 credit point units:
AMN420 Advertising Management
AMN442 Marketing Management
AMN465 Public Relations Management
Elective units
Two of the following 12 credit point units:
AMN422 Media Strategy
AMN423 Strategies for Creative Advertising
AMN443 Product and Service Innovation
AMN444 Services Marketing
AMN445 Strategic Marketing Management
AMN448 Marketing for Online Services
AMN461 Corporate Media Strategy and Tactics
AMN467 Public Relations Campaigns
AMN421 Contemporary Issues in Advertising
AMN447 Contemporary Issues in Marketing
AMN460 Corporate and Investor Relations
AMN463 Public Opinion and Public Relations
AMN468 Issues and Crisis Management
AMN482 Marketing for the Nonprofit Sector
KCP018 Creative Industries
KCP110 Global Media and Communication Policy
KCP348 Media Audiences
KCP349 Applied Media Communication

Master of Business (Marketing) (BS93)
Award title: Master of Business (Marketing)
CRICOS code: 002329C
Location: Gardens Point
Course duration (full-time): 3 semesters
Course duration (part-time): 6 semesters
Total credit points: 144
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Ms Lyn Simpson
Discipline coordinator: Assoc Prof James Everett

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

Course Design
All students will undertake eight major core units (96 credit
points), a project (24 credit points) and two elective units (24
credit points), or four elective units (48 credit points).
This major may be taken over three semesters full-time
(including Summer Program) or six semesters part-time
(including two summer semesters). In principle a student would
be able to complete this course in three consecutive semesters,
depending on the availability of units.
Students who are enrolled in the BS93 Master of Business who
wish to exit early from the course and graduate with a Graduate
Diploma in Business, may do so after they have successfully
completed eight (8), 12 credit point units, where a minimum of
six (6) units are within the same discipline area, approved by the
Course Coordinator.

Course Structure
Year 1, Semester 1
AMN442 Marketing Management
AMN403 Marketing and Survey Research
AMN443 Product and Service Innovation
AMN444 Services Marketing
Year 1, Semester 2
AMN400 Consumer Behaviour
AMN401 Integrated Marketing Communication
AMN445 Strategic Marketing Management
AMN447 Contemporary Issues in Marketing
Year 1, Summer Program
AMN406 Project
Two Elective Units (24 credit points)
Or
Elective unit
Elective unit
Elective unit
Elective unit

Master of Business (Philanthropy & Nonprofit Studies) (BS93)
Award title: Master of Business (Philanthropy & Nonprofit
Studies)
CRICOS code: 002329C
Location: Gardens Point
Course duration (full-time): 3 semesters
Course duration (part-time): 6 semesters
Total credit points: 144
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Ms Lyn Simpson
Discipline coordinator: Dr Carol Dalghish

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

Course Design
All students will undertake six compulsory core units (72 credit
points), a compulsory project (24 credit points) and 48 credit
points of elective units or a project (12 credit points) and three
elective units (36 credit points).
Students who are enrolled in the BS93 Master of Business who
wish to exit early from the course and graduate with a Graduate
Diploma in Business, may do so after they have successfully
completed eight (8), 12 credit point units, where a minimum of
six (6) units are within the same discipline area, approved by the
Course Coordinator.
This major may be taken over three semesters full-time
(including a summer semester) or six semesters part-time
(including two summer semesters). In principle a student would
be able to complete this course in three consecutive semesters,
depending on the availability of units.

Course Structure
Year 1, Semester 1
GSN233 Special Topic in Philanthropy and Nonprofit Studies
GSN481 Philanthropic and Nonprofit Frameworks of Governance
GSN482 Philanthropic and Nonprofit Economics
GSN483 Ethics for Philanthropic and Nonprofit Organisations
GSN484 Management for Philanthropic and Nonprofit Organisations
AMN403 Marketing and Survey Research
Elective unit from the following units:
BSN506 Econometric Methods
BSN507 Research Methods
BSN412 Qualitative Research and Analytical Techniques
Year 1, Semester 2 / 6TP4 and 6TP5
AMN482 Marketing for the Nonprofit Sector
GSN224 Corporate Philanthropy
GSN232 Fundraising Principles
GSN485 Legal Issues for Philanthropic and Nonprofit Organisations
GSN486 Accounting Issues for Philanthropic & Nonprofit Organisations

Year 1, Summer Program
BSN404 Project 1
or
Elective unit
BSN406 Project 3
Elective unit

Part-time Course Structure
Year 1, Semester 1
GSN481 Philanthropic and Nonprofit Frameworks of Governance
GSN482 Philanthropic and Nonprofit Economics
GSN483 Ethics for Philanthropic and Nonprofit Organisations
GSN484 Management for Philanthropic and Nonprofit Organisations

Year 1, Semester 2
AMN482 Marketing for the Nonprofit Sector
GSN485 Legal Issues for Philanthropic and Nonprofit Organisations
GSN486 Accounting Issues for Philanthropic & Nonprofit Organisations

Year 2, Semester 1
GSN233 Special Topic in Philanthropy and Nonprofit Studies
Elective unit from one of the following units:
AMN403 Marketing and Survey Research
BSN506 Econometric Methods
BSN507 Research Methods
BSN412 Qualitative Research and Analytical Techniques

Year 2, Semester 2
GSN224 Corporate Philanthropy
GSN232 Fundraising Principles

Year 3, Semester 1
BSN404 Project 1
or
Elective unit
Elective unit

Year 3, Semester 2
BSN406 Project 3

Master of Business (Professional Accounting) (BS89)

Award title: Master of Business (Professional Accounting)
CRICOS code: 002329C
Location: Gardens Point
Course duration (full-time): 3 semesters
Course duration (part-time): 6 semesters
Total credit points: 144
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Ms Lyn Simpson
Discipline coordinator: Ms Lynn Gallagher

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

Course Design
All students must undertake 144 credit points as prescribed below. If your course offer includes the condition that you must study EFB101 Data Analysis for Business, then this unit is to be taken in addition to the normal course requirements. Students with an undergraduate degree with a major in Economics, Finance or Law may be eligible to apply for substitution of units.

Full-time Course Structure (Feb Entry)
Year 1, Semester 1
AYN410 Business Law and Ethics
AYN416 Financial Accounting 1
EFN405 Managerial Economics
EFN406 Managerial Finance

Year 1, Semester 2
AYN412 Company Law
AYN414 Cost Accounting
AYN417 Financial Accounting 2
AYN443 Electronic Commerce Cycles

Part-time Course Structure (Feb Entry)
Year 1, Semester 1
AYN410 Business Law and Ethics
AYN416 Financial Accounting 1

Year 1, Semester 2
AYN412 Company Law
AYN417 Financial Accounting 2

Year 2, Semester 1
AYN411 Company Auditing
AYN418 Financial Accounting 3

Year 2, Semester 2
AYN414 Cost Accounting
AYN443 Electronic Commerce Cycles

Year 3, Semester 1
AYN438 Taxation Law and Practice
AYN439 Management Accounting

Year 3, Semester 2
EFN406 Managerial Finance
GSN411 Economics of Strategy 1
GSN414 Business Conditions Analysis 1

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

Master of Business (Public Management) (BS93)

Award title: Master of Business (Public Management)
CRICOS code: 002329C
Location: Gardens Point
Course duration (full-time): 3 semesters
Course duration (part-time): 6 semesters
Total credit points: 144
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Ms Lyn Simpson
Discipline coordinator: Dr Kerry Brown

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

Course Design
All students will undertake six compulsory core units (72 credit points), two ‘core option’ units (24 credit points) and 48 credit points of elective units. This major may be taken over three semesters full-time (including a summer semester) or six semesters part-time (including two summer programs). In principle a student would be able to complete this course in three consecutive semesters, depending on the availability of units.

Students who are enrolled in the BS93 Master of Business who wish to exit early from the course and graduate with a Graduate Diploma in Business, may do so after they have successfully completed eight (8), 12 credit point units, where a minimum of six (6) units are within the same discipline area, approved by the Course Coordinator.

Full-time Course Structure
Year 1, Semester 1
MGN402 Government-Business Relations
MGN425 The Context of Public Management
MGN517 Program Management and Evaluation
Core Option
Year 1, Semester 2
MGN421 Strategic HRM
MGN423 Contemporary Strategic Analysis
MGN426 International Trends in Public Management
Core Option

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

Major Core Option Units
Students choose two of the following core options
AYN432 Public Sector Accounting and Governance
EFN405 Managerial Economics
JSP154 Human Rights and Global Justice
MGN516 Policy Analysis
MGN524 Special Topic in Management 1

Part-time Course Structure
Year 1, Semester 1
MGN402 Government-Business Relations
MGN425 The Context of Public Management

Year 1, Semester 2
MGN435 International Trends in Public Management
Core Option

Year 2, Semester 1
MGN517 Program Management and Evaluation
Core Option

Year 2, Semester 2
MGN421 Strategic HRM
Elective unit

Year 3, Semester 1
Elective unit
Elective unit

Year 3, Semester 2
MGN423 Contemporary Strategic Analysis
Elective unit

Major Core Options
AYN432 Public Sector Accounting and Governance
EFN405 Managerial Economics
JSP154 Human Rights and Global Justice
MGN516 Policy Analysis
MGN524 Special Topic in Management 1

Master of Business (Public Relations)

Award title: Master of Business (Public Relations)
CRICOS code: 002329C
Location: Gardens Point
Course duration (full-time): 3 semesters
Course duration (part-time): 6 semesters
Total credit points: 144
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24

Major Core Elective Units
Students select 2 of the following Major Core Elective Units:
AMN401 Corporate Media Strategy and Tactics
AMN406 Integrated Marketing Communication
AMN403 Marketing and Survey Research
BSN412 Qualitative Research and Analytical Techniques

Public Relations (Part-time)
Year 1, Semester 1
AMN461 Corporate Media Strategy and Tactics
AMN465 Public Relations Management

Year 1, Semester 2
AMN460 Corporate and Investor Relations
AMN463 Public Opinion and Public Relations

Year 2, Semester 1
AMN468 Issues and Crisis Management
Major Core Elective Unit

Year 2, Semester 2
AMN467 Public Relations Campaigns
Major Core Elective Unit

Year 3, Semester 1
Elective unit
Elective unit

Year 3, Semester 2
AMN406 Project
Or
Two Elective Units (24 credit points)

Major Core Elective Units
Students select 2 of the following Major Core Elective Units:
AMN401 Integrated Marketing Communication
AMN403 Marketing and Survey Research
BSN412 Qualitative Research and Analytical Techniques

Master of Business (Research) - Accountancy

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

Course coordinator: Prof Neal Ryan
Discipline coordinator: Assoc Prof Christine Ryan

Other Disciplines
See also separate entries for all the disciplines in this course:

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

**Course structure**

**Compulsory Core Units**
- AYN433 Research Topics in Accounting
- BSN507 Research Methods

**Elective Units (two)**
The two Elective units may be taken from any approved 12 credit point postgraduate unit offered by the School of Accountancy or other postgraduate unit, subject to the approval of the Subject Area Coordinator.

**Thesis**
- BSN600 Thesis

### Master of Business (Research) - Advertising (BS92)

**Award title:** Master of Business (Research)  
**CRICOS code:** 002329C  
**Location:** Gardens Point  
**Course duration (full-time):** 3 semesters or 2 semesters  
**Course duration (part-time):** 6 semesters or 4 semesters  
**Total credit points:** 144 credit points (without Honours), 96 credit points (with Honours)  
**Standard credit points per semester (full-time):** 48  
**Standard credit points per semester (part-time):** 24  
**Course coordinator:** Prof Neal Ryan  
**Discipline coordinator:** Assoc Prof James Everett

### Other Disciplines

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

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

**Course Structure**

**Compulsory Unit**
- BSN506 Econometric Methods

**Units in Banking and Finance**
- EFN504 Finance Honours  
- EFN505 Financial Risk Management

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

**Compulsory Thesis**
- BSN600 Thesis

### Master of Business (Research) - Economics (BS92)

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

### Other Disciplines

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

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

**Course Structure**

**Compulsory Unit**
- BSN506 Econometric Methods

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

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

**Compulsory Thesis**
- BSN600 Thesis

### Master of Business (Research) - Banking & Finance (BS92)

**Award title:** Master of Business (Research)  
**CRICOS code:** 002329C  
**Location:** Gardens Point  
**Course duration (full-time):** 3 semesters or 2 semesters  
**Course duration (part-time):** 6 semesters or 4 semesters  
**Total credit points:** 144 (for entry without Honours) or 96 (for entry with Honours)  
**Standard credit points per semester (full-time):** 48  
**Standard credit points per semester (part-time):** 24  
**Course coordinator:** Prof Neal Ryan  
**Discipline coordinator:** Prof Stan Hurn
**Master of Business (Research) - Human Resource Management (BS92)**

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

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

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

**Course Structure**

**Compulsory Units**
Under the umbrella of Human Resources Management, students may be able to undertake a thesis in Employee Relations
- BSN502 Research Methodology
- BSN503 Research Seminar

**Two units from your chosen area of study**
- MGN506 Contemporary Issues in HRM
- MGN508 HRM Cases

**Compulsory Thesis**
- BSN600 Thesis

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**Master of Business (Research) - Management (BS92)**

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

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

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

**Course Structure**

**Compulsory Units**
Under the umbrella of Management, students may be able to undertake a thesis in Public Management.
- BSN502 Research Methodology
- BSN503 Research Seminar

**Management Units**
- MGN501 Readings in Management
- MGN507 Contemporary Issues in Management

**Compulsory Thesis**
- BSN600 Thesis

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

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

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

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

Course Structure
Compulsory Core Units
Select two units:
- AMN403 Marketing and Survey Research
- BSN502 Research Methodology
- BSN503 Research Seminar
- BSN412 Qualitative Research and Analytical Techniques

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

Thesis
BSN600 Thesis

■ Master of Business (Research) - Public Relations (BS92)

Award title: Master of Business (Research)
CRICOS code: 002329C
Location: Gardens Point
Course duration (full-time): 3 semesters or 2 semesters
Course duration (part-time): 6 semesters or 4 semesters
Total credit points: 144 (if you have no Honours degree) or 96 (if you have an Honours degree and gain exemption for the coursework component)
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Prof Neal Ryan
Discipline coordinator: Assoc Prof James Everett

Other Disciplines

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

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

Course Structure
Compulsory Core Units
Select two units:
- AMN403 Marketing and Survey Research
- BSN502 Research Methodology
- BSN503 Research Seminar
- BSN412 Qualitative Research and Analytical Techniques

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

Thesis
BSN600 Thesis

■ Master of Business Administration (Major) (GS48)

Award title: Master of Business Administration (Study Area A)
CRICOS code: 043117J
Location: Gardens Point
Course duration (full-time): 4 semesters
Course duration (part-time): 8 semesters. Alternatively, the course may be undertaken part-time over a period of up to 6 years.
Total credit points: 192
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Dr Caroline Hatcher

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

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

Course structure
The following sixteen (16) core units must be completed:

GSN401 Managing in the Global Business Environment
GSN402 Strategic Use of Information Technology
GSN403 Understanding Data
GSN404 Financial Statements Analysis 1
GSN405 Strategic Management
GSN406 Human Resource Management Issues
GSN407 Business Communication
GSN408 Fundamentals of Marketing Management
GSN409 Organisational Behaviour 1
GSN410 Entrepreneurship
GSN411 Economics of Strategy 1
GSN412 Business Law 1
GSN413 Financial Management 1
GSN414 Business Conditions Analysis 1
GSN415 Understanding Leadership
GSN416 Business Plans 1
PLUS 96 credit points of which students are required to undertake a major (60 cp) in one of the study areas below and 36 credit points of elective units. Students may attain concentrations (36cp) or minors (24cp) in the following areas through careful choice of elective units.

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

Economics
- Core Units:
  - GSN401 Managing in the Global Business Environment
  - GSN402 Strategic Use of Information Technology
  - GSN403 Understanding Data
  - GSN404 Financial Statements Analysis 1
  - GSN405 Strategic Management
  - GSN406 Human Resource Management Issues
  - GSN407 Business Communication
  - GSN408 Fundamentals of Marketing Management
  - GSN409 Organisational Behaviour 1
  - GSN410 Entrepreneurship
  - GSN411 Economics of Strategy 1
  - GSN412 Business Law 1
  - GSN413 Financial Management 1
  - GSN414 Business Conditions Analysis 1
  - GSN415 Understanding Leadership
  - GSN416 Business Plans 1
- Elective units:
  - AYN414 Cost Accounting
  - AYN417 Financial Accounting 2
  - AYN418 Financial Accounting 3
  - AYN424 International Accounting
  - AYN439 Management Accounting
  - AYN443 Electronic Commerce Cycles
  - GSN454 Economics of Information and E-Commerce
  - BSN506 Econometric Methods
  - EFN410 Economic and Financial Modelling
  - EFN500 Contemporary Macroeconomic Theories
  - EFN502 Developments in Microeconomic Theories

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**Business**

*Students undertaking EFN500 and EFN502 would need to have completed the equivalent of a second year undergraduate degree at a recognised University. This would involve completing intermediate undergraduate macro and micro economics at the very least.*

**Electronic Business**

Core Units:

- GSN402 Strategic Use of Information Technology
- GSN435 Electronic Commerce
- GSN469 Internet Applications
- GSN470 E-Business
- GSN463 Australian E-Communications Policy
- GSN464 International E-Communications Policy

Elective units:

- GSN447 Strategic Internet Marketing 1
- GSN448 Strategic Internet Marketing 2
- GSN454 Economics of Information and E-Commerce
- GSN465 Advanced Electronic Commerce
- GSN466 Technology Infrastructure Management
- GSN467 Knowledge Management
- GSN468 Public and Commercial Policy in the ICT Sector
- AYN446 E-Publishing
- ITN260 E-Commerce Site Development
- ITN272 Information Technology Project Management

**Entrepreneurship**

Core Units:

- GSN410 Entrepreneurship
- GSN416 Business Plans 1

Required Units:

- GSN420 New Venture Strategy
- GSN426 Business Plans 2
- GSN429 New Venture Marketing
- GSN430 New Venture Resourcing

Elective units:

- GSN427 Financial Statement Analysis 2
- GSN431 New Venture Growth and Transitions
- GSN432 New Venture Leadership and HRM
- GSN434 Venture Capital

**Finance**

Core Units:

- GSN413 Financial Management 1
- GSN414 Business Conditions Analysis 1
- GSN423 Financial Management 2

Elective units:

- GSN424 Business Conditions Analysis 2
- GSN430 New Venture Resourcing
- GSN434 Venture Capital
- GSN451 Contemporary Issues in the International Political Economy

**Information Technology Management**

Core Units:

- GSN402 Strategic Use of Information Technology

Required Units:

- GSN470 E-Business

Elective units:

- ITN211 Systems Analysis And Design
- ITN215 Management Support Systems
- ITN220 Issues In IT Management
- ITN252 Process Engineering
- ITN255 Knowledge Management
- ITN272 Information Technology Project Management
- ITN322 Information Resources
- ITN330 Information Issues
- ITN266 Principles Of Information Management
- ITN412 Technology Of Information Systems
- ITN510 Data Communications

**MBA Concentrations and Minors**

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

- **Accounting**
  - Minor
  - GSN404 Financial Statements Analysis 1
  - GSN427 Financial Statement Analysis 2
  - Elective units (Choose 12cp form the list below)
  - Concentration
  - Core Units:
  - GSN404 Financial Statements Analysis 1
  - GSN427 Financial Statement Analysis 2
  - Elective units (Choose 24cp form the list below)
  - Elective List:
    - AYN414 Cost Accounting
    - AYN417 Financial Accounting 2
    - AYN418 Financial Accounting 3
    - AYN424 International Accounting
    - AYN439 Management Accounting
    - AYN443 Electronic Commerce Cycles

- **Arts & Cultural Management**
  - Minor
  - Elective Units (Choose 24cp from the list below)
  - Concentration
  - Core Unit:
  - GSN407 Business Communication
  - Required Unit:
  - GSN417 Effective Advocacy for Managers
  - Elective units (Choose 12cp from the list below)
  - Elective List:
    - GSN457 Organisational Communication and Influence
    - GSN458 Intercultural Business Communication
    - GSN459 Communication Planning for Organisations
    - GSN462 Negotiation Strategies
    - QCD110 Communication For Business 1
    - QCD210 Communication For Business 2

- **Corporate Governance**
  - Minor
  - Core Units:
  - GSN404 Financial Statements Analysis 1
  - GSN412 Business Law 1
  - Required Units:
  - GSN472 Principles of Corporate Governance
  - GSN473 Corporate Accountability
  - Concentration
  - Core Units:
  - GSN404 Financial Statements Analysis 1
  - GSN412 Business Law 1
  - Required Units:
  - GSN472 Principles of Corporate Governance
  - GSN473 Corporate Accountability
  - Elective units (Choose 12cp from the list below)
  - Elective List:
    - GSN224 Corporate Philanthropy
    - GSN405 Strategic Management
    - GSN415 Understanding Leadership
    - GSN422 Business Law 2
    - GSN427 Financial Statement Analysis 2
    - GSN480 Sustainable Development and Competitive Advantage
    - GSN483 Ethics for Philanthropic and Nonprofit Organisations
    - GSN484 Management for Philanthropic and Nonprofit Organisations
    - GSN485 Legal Issues for Philanthropic and Nonprofit Organisations
    - GSN486 Accounting Issues for Philanthropic & Nonprofit Organisations

**BS N HANDBOOK 2004 • PAG E 100**
AYN412 Company Law

Economics

Minor

Core Units:
- GSN411 Economics of Strategy 1
- GSN414 Business Conditions Analysis 1
- Required Units:
- GSN421 Economics of Strategy 2
- GSN424 Business Conditions Analysis 2

Concentration:

Core Units:
- GSN411 Economics of Strategy 1
- GSN414 Business Conditions Analysis 1
- Required Units:
- GSN421 Economics of Strategy 2
- GSN424 Business Conditions Analysis 2

Elective units (Choose 12cp from the list below)

Elective List:
- GSN451 Contemporary Issues in the International Political Economy
- GSN453 Economics of Health & Health Care
- GSN454 Economics of Information and E-Commerce
- BSN506 Econometric Methods
- EFN410 Economic and Financial Modelling
- EFN500 Contemporary Macroeconomic Theories
- EFN502 Developments in Microeconomic Theories

*Students undertaking EFN500 and EFN502 would need to have completed the equivalent of a second year undergraduate Economics degree at a recognised university. This would involve completing intermediate undergraduate macro and micro economics at the very least.

Electronic Business

Minor

Core Unit:
- GSN402 Strategic Use of Information Technology

Required Units:
- GSN435 Electronic Commerce
- GSN470 E-Business

Elective unit (Choose 6cp unit from the list below)

Concentration

Core Unit:
- GSN402 Strategic Use of Information Technology

Required Units:
- GSN435 Electronic Commerce
- GSN469 Internet Applications
- GSN470 E-Business

Elective units (Choose 12cp from the list below)

Elective List:
- GSN435 Electronic Commerce
- GSN470 E-Business

Entrepreneurship

Minor

Core Units:
- GSN410 Entrepreneurship
- GSN416 Business Plans 1

Required Units:
- GSN420 New Venture Strategy
- GSN429 New Venture Marketing
- GSN430 New Venture Resourcing
- GSN431 New Venture Growth and Transitions
- GSN432 New Venture Leadership and HRM

Concentration

Core Units:
- GSN410 Entrepreneurship
- GSN416 Business Plans 1

Finance

Minor

Core Units:
- GSN420 New Venture Strategy
- GSN426 Business Plans 2

Elective units (Choose 12cp from the list below)

Elective List:
- GSN429 New Venture Marketing
- GSN430 New Venture Resourcing
- GSN431 New Venture Growth and Transitions
- GSN432 New Venture Leadership and HRM
- GSN434 Venture Capital

Health Services Management

Minor

Core Units:
- GSN411 Economics of Strategy 1

Required Units:
- GSN435 Economics of Health & Health Care
- PUN692 Health Care Delivery Systems

Concentration

Core Units:
- GSN411 Economics of Strategy 1

Required Units:
- PUN692 Health Care Delivery Systems
- GSN453 Economics of Health & Health Care

Human Resource Management

Minor

Core Units:
- GSN406 Human Resource Management Issues
- GSN409 Organisational Behaviour 1

Required Units:
- MGN427 Human Resource Management

Concentration

Core Units:
- GSN406 Human Resource Management Issues
- GSN409 Organisational Behaviour 1

Required Units:
- MGN427 Human Resource Management

Elective units (Choose 12cp from the list below)

Elective List:


**International Business**

**Minor**

Core Unit:

**GSN401** Managing in the Global Business Environment

Elective units (Choose 12cp from the list below)

Concentration

Core Unit:

**GSN401** Managing in the Global Business Environment

Elective units (Choose 30cp from the list below)

Elective List:

**GSN428** International Study Tour

**GSN444** Special Topics 1

**GSN451** Contemporary Issues in the International Political Economy

**GSN452** International Human Resource Management

**GSN458** Intercultural Business Communication

**GSN462** Negotiation Strategies

**GSN464** International E-Communications Policy

**AYN424** International Accounting

**EFN414** International Finance

**IBN403** Business in Asia

**IBN404** Business in Europe

**IBN421** Marketing Internationally

**IBN435** Business in Australia

**IBN409** Negotiating Across Borders

**IBN410** International Logistics Management

**MGN404** Managing and Organising Global Firms

**Leadership**

Minor

Core Units:

**GSN407** Business Communication

**GSN415** Understanding Leadership

Required Units:

**GSN425** Leadership Development

Elective unit (Choose 6cp from the list below)

Concentration

Core Units:

**GSN407** Business Communication

**GSN415** Understanding Leadership

Required Units:

**GSN417** Effective Advocacy for Managers

**GSN425** Leadership Development

Elective units (Choose 12cp from the list below)

Elective List:

**GSN417** Effective Advocacy for Managers

**GSN432** New Venture Leadership and HRM

**GSN456** Personal Development and Ethics for Managers

**GSN457** Organisational Communication and Influence

**GSN458** Intercultural Business Communication

**GSN460** Creative Problem Solving

**GSN207** Organisational Analysis and Consulting

**GSN480** Sustainable Development and Competitive Advantage

**Marketing**

Minor

Core Units:

**GSN408** Fundamentals of Marketing Management

**GSN418** Marketing Strategy Development

Required Units:

**GSN408** Fundamentals of Marketing Management

**GSN418** Marketing Strategy Development

Elective unit (Choose 6cp from the list below)

Concentration

Core Units:

**GSN429** New Venture Marketing

**GSN444** Strategic Internet Marketing 1

**GSN448** Strategic Internet Marketing 2

**GSN449** Public Sector and Social Marketing 1

**GSN450** Public Sector and Social Marketing 2

**AMN400** Consumer Behaviour

**AMN401** Integrated Marketing Communication

**AMN403** Marketing and Survey Research

**AMN420** Advertising Management

**AMN421** Contemporary Issues in Advertising

**AMN423** Strategies for Creative Advertising

**AMN461** Corporate Media Strategy and Tactics

**AMN465** Public Relations Management

**Philanthropy and Non-Profit Studies**

Minor

Core Units:

**GSN224** Corporate Philanthropy

**GSN481** Philanthropic and Nonprofit Frameworks of Governance

**GSN482** Philanthropic and Nonprofit Economics

Concentration

Core Units:

**GSN224** Corporate Philanthropy

**GSN481** Philanthropic and Nonprofit Frameworks of Governance

**GSN482** Philanthropic and Nonprofit Economics

Elective units (Choose 12cp from the list below)

Elective List:

**GSN232** Fundraising Principles

**GSN233** Special Topic in Philanthropy and Nonprofit Studies

**GSN483** Ethics for Philanthropic and Nonprofit Organisations

**GSN484** Management for Philanthropic and Nonprofit Organisations

**GSN485** Legal Issues for Philanthropic and Nonprofit Organisations

**GSN486** Accounting Issues for Philanthropic & Nonprofit Organisations

**Strategy**

Minor

Core Units:

**GSN405** Strategic Management

**GSN411** Economics of Strategy 1

**GSN474** Strategy Planning & Development

Required Unit:

Elective unit (Choose 6 cp from list below)

Concentration

Core Units:

**GSN405** Strategic Management

**GSN411** Economics of Strategy 1

**GSN474** Strategy Planning & Development

**GSN420** New Venture Strategy

**GSN421** Economics of Strategy 2

**GSN426** Business Plans 2

**GSN431** New Venture Growth and Transitions

**GSN461** Making Change Work

**GSN475** Strategic Analysis

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

  Award title: Master of Business Administration
  
  CRICOS code: 003468F

  Location: Gardens Point

Q U T H A N D B O O K  2 0 0 4  •  P A G E  1 0 2
Course duration (full-time): 3 semesters (full-time). The course must be completed within a maximum time period of five years.

Course duration (part-time): 6 semester (part-time). The course must be completed within a maximum time period of five years.

Total credit points: 144

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

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

Course coordinator: Dr Caroline Hatcher

Course Design

Students must complete 16 core units of 6 credit points each and further 48 credit points of electives, which may be either 6 or 12 credit point units.

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

Course structure

Course Structure

Students must complete the following 16 core units:

- GSN401 Managing in the Global Business Environment
- GSN402 Strategic Use of Information Technology
- GSN403 Understanding Data
- GSN404 Financial Statements Analysis 1
- GSN405 Strategic Management
- GSN406 Human Resource Management Issues
- GSN407 Business Communication
- GSN408 Fundamentals of Marketing Management
- GSN409 Organisational Behaviour 1
- GSN410 Entrepreneurship
- GSN411 Economics of Strategy 1
- GSN412 Business Law 1
- GSN413 Financial Management 1
- GSN414 Business Conditions Analysis 1
- GSN415 Understanding Leadership
- GSN416 Business Plans 1

Plus 48cp of elective units undertaken as a concentration/minor.

Accounting

Minor

Core Units:

- GSN404 Financial Statements Analysis 1

Required Units:

- GSN427 Financial Statement Analysis 2

Elective units (Choose 12cp from the list below)

- AYN414 Cost Accounting
- AYN417 Financial Accounting 2
- AYN418 Financial Accounting 3
- AYN424 International Accounting
- AYN439 Management Accounting
- AYN443 Electronic Commerce Cycles

Arts & Cultural Management

Minor

Elective units (Choose 24cp from the list below)

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

Business Communication

Minor

Core Unit:

- GSN407 Business Communication

Required Unit:

- GSN417 Effective Advocacy for Managers

Elective units (Choose 12cp from the list below)

- GSN407 Business Communication

Concentration

Core Unit:

- GSN407 Business Communication

Required Unit:

- GSN417 Effective Advocacy for Managers

Elective units (Choose 24cp from the list below)

- GSN457 Organisational Communication and Influence
- GSN458 Inter-cultural Business Communication
- GSN459 Communication Planning for Organisations
- GSN462 Negotiation Strategies
- QCD110 Communication For Business 1
- QCD210 Communication For Business 2

Corporate Governance

Minor

Core Units:

- GSN404 Financial Statements Analysis 1
- GSN412 Business Law 1

Required Units:

- GSN472 Principles of Corporate Governance
- GSN473 Corporate Accountability

Elective units (Choose 12cp from the list below)

- AYN412 Company Law
- GSN224 Corporate Philanthropy
- GSN233 Special Topic in Philanthropy and Nonprofit Studies
- GSN405 Strategic Management
- GSN415 Understanding Leadership
- GSN422 Business Law 2
- GSN427 Financial Statement Analysis 2
- GSN480 Sustainable Development and Competitive Advantage
- GSN483 Ethics for Philanthropic and Nonprofit Organisations
- GSN484 Management for Philanthropic and Nonprofit Organisations
- GSN485 Legal Issues for Philanthropic and Nonprofit Organisations
- GSN486 Accounting Issues for Philanthropic & Nonprofit Organisations

Economics

Minor

Core Units:

- GSN411 Economics of Strategy 1

Required Units:

- GSN414 Business Conditions Analysis 1

Elective units (Choose 12cp from the list below)

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

Concentration:

- Core Units:

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

Required Units:

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

Elective units (Choose 12cp from the list below)

- AYN412 Company Law
- GSN224 Corporate Philanthropy
- GSN233 Special Topic in Philanthropy and Nonprofit Studies
- GSN405 Strategic Management
- GSN415 Understanding Leadership
- GSN422 Business Law 2
- GSN427 Financial Statement Analysis 2
- GSN480 Sustainable Development and Competitive Advantage
- GSN483 Ethics for Philanthropic and Nonprofit Organisations
- GSN484 Management for Philanthropic and Nonprofit Organisations
- GSN485 Legal Issues for Philanthropic and Nonprofit Organisations
- GSN486 Accounting Issues for Philanthropic & Nonprofit Organisations

- GSN451 Contemporary Issues in the International Political Economy
- GSN453 Economics of Health & Health Care
- GSN454 Economics of Information and E-Commerce
- BSN206 Econometric Methods
- EFN410 Economic and Financial Modelling
- EFN500 Contemporary Macroeconomic Theories
- EFN502 Developments in Microeconomic Theories

*Students undertaking EFN500 and EFN502 would need to have completed the equivalent of a second year undergraduate Economics degree at a recognised university. This would involve completing intermediate undergraduate macro and micro economics at the very least.

Electronic Business

Minor

Core Unit:

- GSN402 Strategic Use of Information Technology

Required Units:

- GSN435 Electronic Commerce
- GSN470 E-Business

Elective units (Choose 6cp unit from the list below)
Concentration
Core Unit:
GSN402 Strategic Use of Information Technology

GSN435 Electronic Commerce
GSN469 Internet Applications
GSN470 E-Business
Elective units (Choose 12cp from the list below)
Elective List:
GSN435 Electronic Commerce
GSN447 Strategic Internet Marketing 1
GSN448 Strategic Internet Marketing 2
GSN454 Economics of Information and E-Commerce
GSN463 Australian E-Communications Policy
GSN464 International E-Communications Policy
GSN465 Advanced Electronic Commerce
GSN466 Technology Infrastructure Management
GSN467 Knowledge Management
GSN468 Public and Commercial Policy in the ICT Sector
GSN469 Internet Applications
GSN470 E-Business
GSN471 E-Publishing

AYN446 The Law of E-Commerce
AYN448 Management of Electronic Business Processes
ITN260 E-Commerce Site Development
ITN272 Information Technology Project Management

Entrepreneurship
Minor
Core Units:
GSN410 Entrepreneurship
GSN416 Business Plans 1

Required Units:
GSN420 New Venture Strategy
Elective unit (Choose 6cp from the list below)
GSN429 New Venture Marketing
GSN430 New Venture Resourcing
GSN431 New Venture Growth and Transitions
GSN432 New Venture Leadership and HRM

Concentration
Core Units:
GSN410 Entrepreneurship
GSN416 Business Plans 1

Required Units:
GSN420 New Venture Strategy
GSN426 Business Plans 2
Elective units (Choose 12cp from the list below)
GSN429 New Venture Marketing
GSN430 New Venture Resourcing
GSN431 New Venture Growth and Transitions
GSN432 New Venture Leadership and HRM
GSN434 Venture Capital

Finance
Minor
Core Units:
GSN413 Financial Management 1
GSN414 Business Conditions Analysis 1

Required Units:
GSN423 Financial Management 2
Elective units (Choose 6cp from the list below)
GSN413 Financial Management 1
GSN414 Business Conditions Analysis 1

Elective units (Choose 18cp from the list below)
GSN424 Business Conditions Analysis 2
GSN430 New Venture Resourcing
GSN434 Venture Capital
GSN451 Contemporary Issues in the International Political Economy

EFN412 Advanced Managerial Finance
EFN414 International Finance
EFN415 Security Analysis
EFN416 Treasury and Portfolio Management
EFN417 An Introduction to International Finance
EFN506 Advanced International Finance

Health Services Management
Minor
Core Units:
GSN411 Economics of Strategy 1

Required Units:
GSN453 Economics of Health & Health Care
PUN602 Health Care Delivery Systems

Concentration
Core Units:
GSN411 Economics of Strategy 1

Required Units:
PUN602 Health Care Delivery Systems
Elective units (Choose 12cp from the list below)
Elective List:

GSN449 Public Sector and Social Marketing 1
GSN450 Public Sector and Social Marketing 2
LWS006 Health, Ethics And The Law
PUP415 Occupational and Environmental Health
PUN601 Contemporary Health Policies
PUN608 Health Economics
PUN609 Health Care Finance
PUN610 Health Services Management
PUN615 Advanced Health Service Management
PUN617 Environmental Health Management

Human Resource Management
Minor
Core Units:
GSN406 Human Resource Management Issues
GSN409 Organisational Behaviour 1

Required Units:
MGN427 Human Resource Management

Concentration
Core Units:
GSN406 Human Resource Management Issues
GSN409 Organisational Behaviour 1

Required Units:
MGN427 Human Resource Management
Elective units (Choose 12cp from the list below)
Elective List:
GSN419 Organisational Behaviour 2
GSN432 New Venture Leadership and HRM
GSN452 International Human Resource Management
GSN207 Organisational Analysis and Consulting
MGN421 Strategic HRM
MGN422 Contemporary Issues and Practices in Employee Relations

Information Technology Management
Minor
Core Unit:
GSN402 Strategic Use of Information Technology

Required Units:
GSN470 E-Business
Elective units (Choose 12cp from the list below)

Concentration
Core Unit:
GSN402 Strategic Use of Information Technology

Required Unit:
GSN470 E-Business
Elective units (Choose 24cp from the list below)
Elective List:
ITN211 Systems Analysis And Design
ITN215 Management Support Systems
ITN220 Issues In IT Management
ITN252 Process Engineering
ITN255 Knowledge Management
ITN272 Information Technology Project Management
ITN322 Information Resources
ITN330 Information Issues
ITN266 Principles Of Information Management
ITN412 Technology Of Information Systems

International Business
Minor
Core Units:
GSN401 Managing in the Global Business Environment
Elective units (Choose 18cp from the list below)
Concentration
Core Unit:
GSN401 Managing in the Global Business Environment
**Elective units (Choose 30cp from the list below)**

**Elective List:**

- GSN428 International Study Tour
- GSN444 Special Topics 1
- GSN451 Contemporary Issues in the International Political Economy
- GSN452 International Human Resource Management
- GSN458 Intercultural Business Communication
- GSN462 Negotiation Strategies
- GSN464 International E-Communications Policy
- AYN424 International Accounting
- EFN414 International Finance
- IBN403 Business in Asia
- IBN404 Business in Europe
- IBN409 Negotiating Across Borders
- IBN410 International Logistics Management
- IBN421 Marketing Internationally
- IBN435 Business in Australia
- MGN404 Managing and Organising Global Firms

**Leadership**

**Minor**

- Core Units:
  - GSN407 Business Communication
  - GSN415 Understanding Leadership
- Required Units:
  - GSN425 Leadership Development
    - Elective unit (Choose 6cp from the list below)
    - Concentration
    - Core Units:
  - GSN407 Business Communication
  - GSN415 Understanding Leadership
- Required Units:
  - GSN417 Effective Advocacy for Managers
  - GSN425 Leadership Development
    - Elective unit (Choose 12cp from the list below)
    - Elective List:
      - GSN207 Organisational Analysis and Consulting
      - GSN417 Effective Advocacy for Managers
      - GSN432 New Venture Leadership and HRM
      - GSN456 Personal Development and Ethics for Managers
      - GSN458 Intercultural Business Communication
      - GSN460 Creative Problem Solving
      - GSN480 Sustainable Development and Competitive Advantage

**Marketing**

**Minor**

- Core Units:
  - GSN408 Fundamentals of Marketing Management
  - GSN418 Marketing Strategy Development
    - Elective unit (Choose 6cp from the list below)
    - Concentration
    - Core Units:
  - GSN408 Fundamentals of Marketing Management
  - GSN418 Marketing Strategy Development
- Required Units:
  - GSN408 Fundamentals of Marketing Management
  - GSN418 Marketing Strategy Development
    - Elective units (Choose 24cp from the list below)
    - Elective List:
      - GSN429 New Venture Marketing
      - GSN447 Strategic Internet Marketing 1
      - GSN448 Strategic Internet Marketing 2
      - GSN449 Public Sector and Social Marketing 1
      - GSN450 Public Sector and Social Marketing 2
      - AMN400 Consumer Behaviour
      - AMN401 Integrated Marketing Communication
      - AMN403 Marketing and Survey Research
      - AMN420 Advertising Management
      - AMN421 Contemporary Issues in Advertising
      - AMN423 Strategies for Creative Advertising
      - AMN461 Corporate Media Strategy and Tactics
      - AMN465 Public Relations Management

**Philanthropy and Non-Profit Studies**

**Minor**

- Required Units:
  - GSN224 Corporate Philanthropy
  - GSN481 Philanthropic and Nonprofit Frameworks of Governance
  - GSN482 Philanthropic and Nonprofit Economics
- Concentration
  - Required Units:
    - GSN481 Philanthropic and Nonprofit Frameworks of Governance
    - GSN482 Philanthropic and Nonprofit Economics
  - Elective units (Choose 12cp from the list below)

**Strategy**

- Minor

**Required Units:**

- GSN232 Fundraising Principles
- GSN233 Special Topic in Philanthropy and Nonprofit Studies
- GSN483 Ethics for Philanthropic and Nonprofit Organisations
- GSN485 Legal Issues for Philanthropic and Nonprofit Organisations
- GSN486 Accounting Issues for Philanthropic & Nonprofit Organisations

**Course Design**

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

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

Note that GBSB units are 6 credit points and 7 weeks in duration, some being held during the first half of semester, and others being held during the second half of semester. School of Economics and Finance units are 12 credit points and 13 weeks in duration, being held for the entire duration of semester.

**Professional Recognition**

Provided a marketing unit is taken as an elective, or has been undertaken in another course, this course meets the educational requirements for professional recognition.
requirements for Senior Associate status of the Australasian Institute of Banking and Finance (AAIBF-Snr). Graduates may also meet the educational requirements for professional membership of the Financial and Treasury Association Ltd.

**Course Structure**

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

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

**Third Semester**
- EFN415 Security Analysis
- GSN424 Business Conditions Analysis 2
- MBA Elective unit
- MBA Elective unit
- MBA Elective unit
- MBA Elective unit

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

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

**MBA Concentrations and Minors**

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

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

**Accounting**

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

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

- AYN414 Cost Accounting
- AYN417 Financial Accounting 2
- AYN418 Financial Accounting 3
- AYN424 International Accounting
- AYN439 Management Accounting
- AYN443 Electronic Commerce Cycles

**Arts & Cultural Management**

- Minor
  - Elective units (Choose 24cp from the list below)
  - Concentration
  - Elective units (Choose 36cp from the list below)
  - Elective List:

- GSN225 Business Development in Creative Industries
- GSN226 Arts Policy and Strategy
- GSN228 Marketing Arts and Culture

- GSN227 Arts and Cultural Management
- GSN232 Fundraising Principles

**Business Communication**

- Minor
  - Core Unit:
  - GSN407 Business Communication
  - Required Unit:
  - GSN417 Effective Advocacy for Managers
    - Elective units (Choose 12cp from the list below)
    - Concentration
  - Core Unit:
  - GSN407 Business Communication
  - Required Unit:
  - GSN417 Effective Advocacy for Managers
    - Elective units (Choose 24cp from the list below)
    - Elective List:

- GSN457 Organisational Communication and Influence
- GSN458 Intercultural Business Communication
- GSN459 Communication Planning for Organisations
- GSN462 Negotiation Strategies
- QCD110 Communication For Business 1
- QCD210 Communication For Business 2

**Corporate Governance**

- Minor
  - Core Units:
  - GSN404 Financial Statements Analysis 1
  - GSN412 Business Law 1
  - Required Units:
  - GSN472 Principles of Corporate Governance
  - GSN473 Corporate Accountability
  - Concentration
  - Core Units:
  - GSN404 Financial Statements Analysis 1
  - GSN412 Business Law 1
  - Required Units:
  - GSN472 Principles of Corporate Governance
  - GSN473 Corporate Accountability
  - Elective units (Choose 12cp from the list below)
  - Elective List:

  - GSN405 Strategic Management
  - GSN415 Understanding Leadership
  - GSN422 Business Law 2
  - GSN427 Financial Statement Analysis 2
  - GSN480 Sustainable Development and Competitive Advantage
  - GSN224 Corporate Philanthropy
  - GSN233 Special Topic in Philanthropy and Nonprofit Studies
  - GSN483 Ethics for Philanthropic and Nonprofit Organisations
  - GSN484 Management for Philanthropic and Nonprofit Organisations
  - GSN485 Legal Issues for Philanthropic and Nonprofit Organisations
  - GSN486 Accounting Issues for Philanthropic & Nonprofit Organisations

**Economics**

- Minor
  - Core Units:
  - GSN411 Economics of Strategy 1
  - GSN414 Business Conditions Analysis 1
  - Required Units:
  - GSN421 Economics of Strategy 2
  - GSN424 Business Conditions Analysis 2
  - Concentration
  - Core Units:
  - GSN411 Economics of Strategy 1
  - GSN414 Business Conditions Analysis 1
  - Required Units:
  - GSN421 Economics of Strategy 2
  - GSN424 Business Conditions Analysis 2
  - Elective units (Choose 12cp from the list below)
  - Elective List:

  - GSN451 Contemporary Issues in the International Political Economy
  - GSN453 Economics of Health & Health Care
  - GSN454 Economics of Information and E-Commerce
  - BSN506 Econometric Methods
  - EFN410 Economic and Financial Modelling
  - EFN500 Contemporary Macroeconomic Theories
  - EFN502 Developments in Microeconomic Theories

*Students undertaking EFN500 and EFN502 would need to have completed the equivalent of a second year undergraduate Economics
degree at a recognised university. This would involve completing intermediate undergraduate macro and micro economics at the very least.

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

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

Health Services Management
Minor
Core Units:
GSN411 Economics of Strategy 1
Required Units:
GSN453 Economics of Health & Health Care
PUN692 Health Care Delivery Systems
Concentration
Core Units:
GSN411 Economics of Strategy 1
Required Units:
GSN453 Economics of Health & Health Care
PUN692 Health Care Delivery Systems
Elective units (Choose 12cp from the list below)
Elective List:
GSN449 Public Sector and Social Marketing 1
GSN450 Public Sector and Social Marketing 2
LWS006 Health, Ethics And The Law
PUP415 Occupational and Environmental Health
PUN601 Contemporary Health Policies
PUN608 Health Economics
PUN608 Health Economics
PUN609 Health Care Finance
PUN610 Health Services Management
PUN615 Advanced Health Service Management
PUN617 Environmental Health Management

Human Resource Management
Minor
Core Units:
GSN406 Human Resource Management Issues
GSN409 Organisational Behaviour 1
Required Units:
MGN427 Human Resource Management
Concentration
Core Units:
GSN406 Human Resource Management Issues
GSN409 Organisational Behaviour 1
Required Units:
MGN427 Human Resource Management
Elective units (Choose 12cp from the list below)
Elective List:
GSN419 Organisational Behaviour 2
GSN432 New Venture Leadership and HRM
GSN452 International Human Resource Management
GSN207 Organisational Analysis and Consulting
MGN421 Strategic HRM
MGN422 Contemporary Issues and Practices in Employee Relations

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

International Business
Minor
Core Unit:
GSN401 Managing in the Global Business Environment
Elective (Choose 18cp from the list below)
Concentration
Core Unit:
GSN401 Managing in the Global Business Environment
Elective units (Choose 30cp from the list below)
Elective List:
ITN211 Systems Analysis And Design
ITN215 Management Support Systems
ITN220 Issues In IT Management
ITN252 Process Engineering
ITN255 Knowledge Management
ITN272 Information Technology Project Management
ITN322 Information Resources
ITN330 Information Issues
ITN266 Principles Of Information Management
ITN412 Technology Of Information Systems
ITN510 Data Communications

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

Leadership
Minor
Core Units:
- GSN407 Business Communication
- GSN415 Understanding Leadership
- GSN425 Leadership Development
  Elective unit (Choose 6cp from the list below)
  Concentration
  Core Units:
- GSN407 Business Communication
- GSN415 Understanding Leadership
- GSN417 Effective Advocacy for Managers
- GSN425 Leadership Development
  Elective units (Choose 12cp from the list below)
  Elective List:
- GSN417 Effective Advocacy for Managers
- GSN432 New Venture Leadership and HRM
- GSN456 Personal Development and Ethics for Managers
- GSN457 Organisational Communication and Influence
- GSN458 Intercultural Business Communication
- GSN460 Creative Problem Solving
- GSN207 Organisational Analysis and Consulting
- GSN480 Sustainable Development and Competitive Advantage

Marketing
Minor
Core Units:
- GSN408 Fundamentals of Marketing Management
- GSN418 Marketing Strategy Development
  Elective unit (Choose 6cp from the list below)
  Concentration
  Core Units:
- GSN408 Fundamentals of Marketing Management
- GSN418 Marketing Strategy Development
  Elective units (Choose 24cp from the list below)
  Elective List:
- GSN429 New Venture Marketing
- GSN447 Strategic Internet Marketing 1
- GSN448 Strategic Internet Marketing 2
- GSN449 Public Sector and Social Marketing 1
- GSN450 Public Sector and Social Marketing 2
- AMN400 Consumer Behaviour
- AMN401 Integrated Marketing Communication
- AMN403 Marketing and Survey Research
- AMN420 Advertising Management
- AMN421 Contemporary Issues in Advertising
- AMN423 Strategies for Creative Advertising
- AMN461 Corporate Media Strategy and Tactics
- AMN465 Public Relations Management

Philanthropy and Non-Profit Studies
Minor
Core Units:
- GSN224 Corporate Philanthropy
- GSN481 Philanthropic and Nonprofit Frameworks of Governance
- GSN482 Philanthropic and Nonprofit Economics
  Concentration
  Core Units:
- GSN224 Corporate Philanthropy
- GSN481 Philanthropic and Nonprofit Frameworks of Governance
- GSN482 Philanthropic and Nonprofit Economics
  Elective units (Choose 12cp from the list below)
  Elective List:
- GSN232 Fundraising Principles
- GSN233 Special Topic in Philanthropy and Nonprofit Studies
- GSN483 Ethics for Philanthropic and Nonprofit Organisations
- GSN484 Management for Philanthropic and Nonprofit Organisations
- GSN485 Legal Issues for Philanthropic and Nonprofit Organisations
- GSN486 Accounting Issues for Philanthropic & Nonprofit Organisations

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

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

Master of Commerce (BS94)
Award title: Master of Commerce
CRICOS code: 020304G
Location: Gardens Point
Course duration (full-time): 3 semesters
Course duration (part-time): 6 semesters
Total credit points: 144
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Ms Lyn Simpson
Discipline coordinator: Assoc Prof Peter Best (Accounting); Mr Peter Whelan (Banking and Finance)

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

Accounting Major:
Students must complete 12 units (144 credit points), including a minimum of 10 units from Lists 1, 2 and 3. All students are required to complete the four Accounting core units (48 credit points) as shown in List 1. Up to eight units are to be selected from List 2, and this may include up to a maximum of 48 credit points in project/dissertation units. Up to two general electives may be taken from postgraduate units offered by other schools or faculties with the approval of the Subject Area Coordinator. In special cases where students need top-up units to meet Institute of Chartered Accountants in Australia or CPA Australia requirements, the Subject Area Coordinator may approve up to four units from List 3. In such cases, students must provide evidence of a qualifications assessment from the relevant professional body.

Banking and Finance Major:
Students are required to complete twelve coursework units, or a combination of coursework and research units (incorporating a maximum of 24 credit points in research projects, in one of two structures BSN404 Project 1 and/or BSN405 Project 2 [12 credit points each] or BSN409 Research Project [24 credit points]). A minimum of ten units (120 credit points) must be selected from List 4. Up to two postgraduate units (24 credit points) offered within QUT or elsewhere may be selected as general electives, subject to the approval of the Subject Area Coordinator.

Professional Recognition
Graduates of the Banking and Finance Major may meet the educational requirements for the professional level membership of the FTA-CFTA (the Finance and Treasury Association Ltd., Certified Finance & Treasury Professional). Graduates require a minimum of four finance, treasury, risk management or investment management units (this may include one accounting and taxation and one finance law unit).
Graduates of the Accounting Major may be eligible for two (2) credits in the elective segments of the CPA program. To achieve these credits, students must complete at least four (4) units in either forensic accounting or electronic business as follows:

**Forensic Accounting:**
- AYN505 Dissecting Financial Statements
- AYN507 Governance Issues in Accounting
- Plus at least two (2) of the following units:
  - AYN405 Advanced Tax Planning
  - AYN413 Information Systems Governance and Audit
  - AYN419 Financial Modelling and Business Valuations
  - AYN424 International Accounting
  - AYN432 Public Sector Accounting and Governance
  - AYN454 Forensic Accounting, Fraud and Litigation

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

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

**Unit Lists**

**List 1 - Accounting Core Units**
- AYN455 Electronic Business Foundations and Law
- AYN505 Dissecting Financial Statements
- AYN506 Strategic Management Accounting
- AYN507 Governance Issues in Accounting

**List 2 - Accounting Elective Units**
- AYN405 Advanced Tax Planning
- AYN413 Information Systems Governance and Audit
- AYN419 Financial Modelling and Business Valuations
- AYN424 International Accounting
- AYN432 Public Sector Accounting and Governance
- AYN454 Forensic Accounting, Fraud and Litigation
- AYN449 Enterprise Systems
- AYN453 E-Business Intelligence
- Research-related Units
- AYN433 Research Topics in Accounting
- BSN404 Project 1
- BSN405 Project 2
- BSN409 Research Project
- BSN501 Dissertation
- BSN506 Econometric Methods
- BSN507 Research Methods

Note: a maximum of 48 credit points for projects/dissertation may be selected.

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**Master of Entrepreneurship and Innovation (GS45)**

**Award title:** Master of Entrepreneurship and Innovation

**CRICOS code:** 043122A

**Location:** Gardens Point

**Course duration (full-time):** 3 semesters.

**Course duration (part-time):** 6 semesters.

**Total credit points:** 144

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

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

**Course coordinator:** Dr Caroline Hatcher

**Course Design**
Students must complete 11 core and 7 required units from the MBA (Entrepreneurship) program, plus 36 credit points of masters level coursework units in a subject area pertaining to their proposed technology innovation.

Students must obtain approval from the MBA Director before undertaking particular elective units. In all cases students will need to convince the MBA Director that the electives chosen are related to the proposed new venture.

The MBA units require the development of strategic, marketing, and financial plans for a new venture prior to the completion of a formal business plan.

The program is inherently flexible in that units may be taken in a variety of possible sequences, depending on student interest, and availability of the technology units in any given semester. Note that core or elective units may be taken in earlier or later teaching periods (if pre-requisites are respected) to accommodate the schedule of offering for a particular unit/s.

**Advanced Standing**
Applicants who have already completed a Masters or Doctoral Degree in their technology area may be awarded up to 36 credit points of prior study upon admission to the Master of Entrepreneurship and Innovation program for relevant postgraduate technology units taken within the past five years.

**Course structure**

The following eleven (11) core units must be completed:
- GSN401 Managing in the Global Business Environment
- GSN402 Strategic Use of Information Technology
The postgraduate coursework in a technology field may be at the Masters level or higher, depending on the prior degrees already held by the individual.

### Master of Entrepreneurship and Innovation/Master of Business Administration (GS49)

**Award title:** Master of Entrepreneurship and Innovation/Master of Business Administration  
**CRICOS code:** 046046F  
**Location:** Gardens Point  
**Course duration (full-time):** 5 semesters.  
**Course duration (part-time):** 10 semesters.  
**Total credit points:** 240  
**Standard credit points per semester (full-time):** 48  
**Standard credit points per semester (part-time):** 24  
**Course coordinator:** Dr Caroline Hatcher

#### Course Design

Students must complete 16 core and 7 required units, of 6 credit points each from the MBA (Entrepreneurship) program, 36 credit points of masters level coursework units in a subject area pertaining to a proposed technology innovation plus a further 66 credit points of postgraduate business elective units.  

Students must obtain approval from the MBA Director before undertaking particular elective units. In all cases students will need to convince the MBA Director that the electives chosen are related to the proposed new venture.  

Students may enrol simultaneously or sequentially in the Master of Entrepreneurship and Innovation and the MBA program and complete both awards in a minimum of five semesters full time.  

The postgraduate coursework in a technology field may be at the Masters level or higher, depending on the prior degrees already held by the individual.

#### Advanced Standing

Applicants who have already completed a Masters or Doctoral Degree in their technology area may be awarded up to 36 credit points of prior study upon admission to the Master of Entrepreneurship and Innovation program for relevant postgraduate technology units taken within the past five years.

#### Course structure

The following sixteen (16) MBA core units must be completed:  

- GSN401 Managing in the Global Business Environment  
- GSN402 Strategic Use of Information Technology  
- GSN403 Understanding Data  
- GSN404 Financial Statements Analysis 1  
- GSN405 Strategic Management  
- GSN406 Human Resource Management Issues  
- GSN407 Business Communication  
- GSN408 Fundamentals of Marketing Management  
- GSN409 Organisational Behaviour 1  
- GSN410 Entrepreneurship  
- GSN411 Economics of Strategy 1  
- GSN412 Business Law 1  
- GSN413 Financial Management 1  
- GSN414 Business Conditions Analysis 1  
- GSN415 Understanding Leadership  
- GSN416 Business Plans 1

Plus the following seven (7) required units:  

#### Required Units

- GSN418 Marketing Strategy Development  
- GSN420 New Venture Strategy  
- GSN426 Business Plans 2  
- GSN427 Financial Statement Analysis 2  
- GSN429 New Venture Marketing  
- GSN430 New Venture Resourcing  
- GSN460 Creative Problem Solving

#### Technology Innovation Elective Units

Plus an additional 36cp Masters level coursework units in a subject area pertaining to a proposed technology innovation.  

The postgraduate coursework in a technology field may be at the Masters level or higher, depending on the prior degrees already held by the individual.

### Master of International Business (BS66)

**Award title:** Master of International Business  
**CRICOS code:** 046045G  
**Location:** Gardens Point  
**Course duration (full-time):** 4 semesters  
**Course duration (part-time):** 7 semesters (6 semesters part-time and 1 semester full-time)  
**Total credit points:** 192  
**Standard credit points per semester (full-time):** 48  
**Standard credit points per semester (part-time):** 24  
**Course coordinator:** Ms Lyn Simpson  
**Discipline coordinator:** Mr Gary Chittick

#### Course Design

Students must complete 192 credit points consisting of a core of eight units (96 credit points) including two and only two regional study units, four elective units (48 credit points) or equivalent of postgraduate studies approved by the Course Coordinator, and an International Business Practicum (48 credit points).  

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

#### Suggested Full-time Course Structure

**Year 1, Semester 1**  
- IBN408 Global Business Operations  
- IBN421 Marketing Internationally  
- Regional Study Unit(s)  
- And/or  
- Elective unit  

**Year 1, Semester 2**  
- EFN417 An Introduction to International Finance  
- IBN409 Negotiating Across Borders  
- IBN410 International Logistics Management  
- Regional Study Unit  
- Or  
- Elective unit  

**Year 2, Semester 1**  
- International Business Practicum  
  (Special pre-requisite conditions apply, timing and duration may not coincide with the standard teaching semester.)  

**Year 2, Semester 2**  
- MGN423 Contemporary Strategic Analysis  
- Elective unit  
- Or
Students must complete 144 credit points of study comprising eight core units (96 credit points), including two and only two.

### Suggested Part-time Course Structure

**Year 1, Semester 1**
- IBN408 Global Business Operations
- IBN421 Marketing Internationally

**Year 1, Semester 2**
- EFN417 An Introduction to International Finance
- IBN410 International Logistics Management

**Year 2, Semester 1**
- IBN409 Negotiating Across Borders
  - Regional Study Unit
  - Or
  - Elective unit

**Year 2, Semester 2**
- MGN423 Contemporary Strategic Analysis
  - Regional Study Unit
  - Or
  - Elective unit

**Year 3, Semester 1**
- International Business Practicum
  (special pre-requisite conditions apply, timing and duration may not coincide with the standard teaching semester. A full-time component will be required.)

**Year 3, Semester 2**
- Regional Study Unit
- Elective unit

**Year 4, Semester 1**
- Elective unit
- Elective unit

Note that this is a suggested structure. Students who wish to undertake a different path should seek advice from the School of International Business.

### Regional Study Units

Students choose two units from the following:
- IBN403 Business in Asia
- IBN404 Business in Europe
- IBN435 Business in Australia

### International Business Practicum

Students choose one of the following:
- **International Business Internship**
  - IBN412 International Business Internship
- **International Field Studies comprising**:
  - IBN411 International Business Field Study
    - And
    - 24 credit points from the following list:
      - BSN404 Project 1
      - BSN405 Project 2
      - BSN406 Project 3
  - IBN426 Special Topic - International Business

Note: Special conditions apply for IBN412 and IBN411.

### Suggested Full-time Course Structure

**Year 1, Semester 1**
- IBN408 Global Business Operations
- IBN421 Marketing Internationally
  - Regional Study Unit(s)
  - And/or
  - Elective unit

**Year 1, Semester 2**
- EFN417 An Introduction to International Finance
- IBN410 International Logistics Management
- MGN423 Contemporary Strategic Analysis
  - Regional Study Unit
  - Or
  - Elective unit

**Year 2, Semester 1**
- IBN409 Negotiating Across Borders
  - Regional Study Unit
  - Or
  - Elective unit

**Year 2, Semester 2**
- MGN423 Contemporary Strategic Analysis

### Master of International Business Studies (BS65)

**Award title:** Master of International Business Studies

**CRICOS code:** 046048D

**Location:** Gardens Point

**Course duration (full-time):** 3 semesters

**Course duration (part-time):** 6 semesters

**Total credit points:** 144

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

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

**Course coordinator:** Ms Lyn Simpson

**Discipline coordinator:** Mr Gary Chittick

**Course Design**

Students must complete 144 credit points of study comprising eight core units (96 credit points), including two and only two regional study units, and four elective units (48 credit points) or equivalent postgraduate studies approved by the Course Coordinator.

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

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

### Articulation

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

* Special pre-requisite conditions apply to enrolment in the International Business Practicum (IBP) and this enrolment is subject to the approval of the Course Coordinator. The IBP will not be available until semester 1, 2004. It is available only to students who have been enrolled for at least the equivalent of two semesters of full-time study in the BS65 Master of International Business Studies and who have given notice at least six months prior to the IBP that they are transferring to the BS66 Master of International Business. Students should seek the advice of the Course Coordinator early in their programs about the eligibility and resource requirements of the IBP before changing course.
Executive Master of Business Administration (GS50/GS99)

Award title: Master of Business Administration

CRICOS code: N/A

Location: Gardens Point

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

Total credit points: 144

Course coordinator: Dr Caroline Hatcher

Course Design

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

The intake for the EMBA is in November and the program runs for 20 months. Classes are scheduled once a month over a Friday to Sunday weekend session, with 20 hours of classes per weekend session each month of the program plus two residential sessions of 10-14 days in January of each year. The intensive block sessions allow the students to schedule some dedicated time to study with minimal interference to their business commitments.

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

Course structure

Core Units

GSN401 Managing in the Global Business Environment
GSN402 Strategic Use of Information Technology
GSN403 Understanding Data
GSN404 Financial Statements Analysis 1
GSN405 Strategic Management
GSN406 Human Resource Management Issues
GSN407 Business Communication
GSN408 Fundamentals of Marketing Management
GSN409 Organisational Behaviour 1
GSN410 Entrepreneurship
GSN411 Economics of Strategy 1
GSN412 Business Law 1
GSN413 Financial Management 1
GSN414 Business Conditions Analysis 1
GSN415 Understanding Leadership
GSN416 Business Plans 1

Students select Elective Units from the list below:

GSN418 Marketing Strategy Development
GSN425 Leadership Development
GSN445 Special Topics 2
GSN455 Special Topics 3
GSN428 International Study Tour
GSN460 Creative Problem Solving
GSN463 Australian E-Communications Policy
GSN480 Sustainable Development and Competitive Advantage

Students may choose other electives available in the weekday delivery schedule.

Concentration and minors may be attainable through the choice of elective units other than those listed above. Concentrations and minors are listed within the GS30 Master of Business Administration course structure.
Graduate Diploma in Advanced Accounting (BS70)

Award title: Graduate Diploma in Advanced Accounting
CRICOS code: 003481J
Location: Gardens Point
Course duration (full-time): 2 semesters
Course duration (part-time): 4 semesters
Total credit points: 96
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Ms Lyn Simpson
Discipline coordinator: Assoc Prof Peter Best

Course Design
Students must complete eight units (96 credit points total) in one of the following Study Areas:
Accounting Study Area:
Students must complete a minimum of six units from Lists 1, 2, and 3.

All students are required to complete the four Accounting core units (48 credit points) as shown in List 1. Up to four units are to be selected from List 2. Up to two general electives may be taken from postgraduate units offered by other schools or faculties with the approval of the Subject Area Coordinator. In special cases where students need top-up units to meet Institute of Chartered Accountants in Australia or CPA Australia requirements, the Subject Area Coordinator may approve up to four units from List 3. In such cases, students must provide evidence of a qualifications assessment from the relevant professional body. Students without a knowledge of Australian professional standards and legislation should contact the Subject Area Coordinator for enrolment advice.

Banking and Finance Study Area:
Students must complete a minimum of six units from List 4. Up to two postgraduate units (24 credit points) may be selected as general electives subject to the approval of the Subject Area Coordinator.

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

Unit Lists
List 1 - Accounting Core Units
AYN455 Electronic Business Foundations and Law
AYN505 Dissecting Financial Statements
AYN506 Strategic Management Accounting
AYN507 Governance Issues in Accounting

List 2 - Accounting Elective Units
AYN405 Advanced Tax Planning
AYN413 Information Systems Governance and Audit
AYN419 Financial Modelling and Business Valuations
AYN424 International Accounting
AYN432 Public Sector Accounting and Governance
AYN454 Forensic Accounting, Fraud and Litigation
AYN469 Enterprise Systems
AYN453 E-Business Intelligence

List 3 - Professional Accounting Units
Enrolment in these units requires the prior approval of the Subject Area Coordinator
AYN412 Company Law
AYN418 Financial Accounting 3
AYN438 Taxation Law and Practice
AYN443 Electronic Commerce Cycles
Or
Another unit approved by the Subject Area Coordinator

List 4 - Banking and Finance Units
EFN401 Advanced Financial Institutions Management
EFN410 Economic and Financial Modelling
EFN416 Treasury and Portfolio Management
ENF500 Contemporary Macroeconomic Theories
ENF501 Corporate and Commercial Lending
ENF502 Developments in Microeconomic Theories
ENF504 Finance Honours
ENF505 Financial Risk Management
ENF506 Advanced International Finance
ENF507 Advanced Capital Budgeting

Graduate Diploma in Applied Finance (BS96)

Award title: Graduate Diploma in Applied Finance
CRICOS code: 027282G
Location: Gardens Point
Course duration (full-time): 4 semesters
Total credit points: 96
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Ms Lyn Simpson
Discipline coordinator: Mr Mark Christensen

Course Design
Students must complete eight units (96 credit points). Some applicants may require unit substitution where they have studied the equivalent of some introductory units in their undergraduate qualification. Choice of unit substitution will be undertaken in conjunction with and on approval of the Director of Graduate Studies.

Professional Recognition
Provided the student has an undergraduate degree, and a marketing unit is taken as the elective, or has been undertaken in another course, this course meets the educational requirements for Senior Associate status of the Australasian Institute of Banking and Finance - AAIBF (Snr). If the student does not have an undergraduate degree, and a marketing unit is taken as the elective, or has been undertaken in another course, this course meets the educational requirements for Associate status of the Australasian Institute of Banking and Finance (AAIBF).

Part-time Course Structure
Semester 1
EEF405 Managerial Economics
EEF406 Managerial Finance
Semester 2
EEF414 International Finance
EEF415 Security Analysis
Semester 3
EEF412 Advanced Managerial Finance
MGN409 Introduction to Management
Semester 4
EEF413 Securities Law
Elective unit

The elective may be selected from available postgraduate units offered by the Faculty, subject to approval

Graduate Diploma in Entrepreneurship and Innovation (GS46)

Award title: Graduate Diploma in Entrepreneurship and Innovation
CRICOS code: 046047E
Location: Gardens Point
Course duration (full-time): 2 semesters.
Course duration (part-time): 4 semesters.
Total credit points: 96
Students must complete 8 core and 6 required units, of 6 credit points each from the MBA (Entrepreneurship) program plus 12 credit points of masters level course work units in a subject area pertaining to a proposed technology innovation.

Students who complete the Graduate Diploma may be eligible to articulate into the Master of Entrepreneurship and Innovation. Alternatively, students may exit the Master of Entrepreneurship and Innovation program with the Graduate Diploma providing they have satisfied the credit requirements with no more than 12 credit points with grade of 3 within their 96 credit points.

**Course structure**

The following eight (8) core units must be completed:
- GSN401 Managing in the Global Business Environment
- GSN402 Strategic Use of Information Technology
- GSN404 Financial Statements Analysis 1
- GSN405 Strategic Management
- GSN408 Fundamentals of Marketing Management
- GSN410 Entrepreneurship
- GSN413 Financial Management 1
- GSN416 Business Plans 1

Plus the following 36 credit points of required units:

**Technology Innovation Units**

Plus an additional 12cp Masters level coursework units in a technology field may be at the Masters level or higher, depending on the prior degrees already held by the individual.

### Graduate Diploma in International Business (BS64)

**Award title:** Graduate Diploma in International Business  
**CRICOS code:** 046053G  
**Location:** Gardens Point  
**Course duration (full-time):** 2 semesters  
**Course duration (part-time):** 4 semesters  
**Total credit points:** 96  
**Standard credit points per semester (full-time):** 48  
**Standard credit points per semester (part-time):** 24  
**Course coordinator:** Ms Lyn Simpson  
**Discipline coordinator:** Mr Gary Chittick

**Course Design**

Students must complete 96 credit points of study comprising six core units (72 credit points), including one regional study unit, and two elective units (24 credit points) or equivalent of postgraduate studies, approved by the Course Coordinator. The Course Coordinator may allow an elective to be substituted for a core unit of the BS64 Graduate Diploma of International Business program if the student has successfully completed the equivalent of at least 24 credit points of prior undergraduate study at an intermediate level or above in that core subject area.

**Articulation**

Students who complete successfully the Graduate Diploma of International Business may seek approval to articulate into the BS65 Master of International Business Studies (MIBS) and complete the additional core and elective units to meet the MIBS course requirements. They may seek approval to articulate into the BS66 Master of International Business (MIB) and to complete the additional core, International Business Practicum* and elective units to meet the requirements of the BS66 Master of International Business (MIB). Articulation may require the student to overload or extend the normal duration of the course to meet the requirements of the BS65 and BS66 programs.

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

**Course Structure**

**Core Units**

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

**Regional Study Units**

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

**Elective Units**

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

**Course structure**

** Core Unit**  
Core Unit  
Core Unit  
Regional Study Unit  
Elective unit  
Core Unit  
Core Unit  
Elective Unit  

### Graduate Diploma in Philanthropy & Nonprofit Studies (BS95)

**Award title:** Graduate Diploma in Philanthropy & Nonprofit Studies  
**CRICOS code:** 046053G  
**Location:** Gardens Point  
**Course duration (full-time):** 2 Semesters  
**Course duration (part-time):** 4 Semesters  
**Total credit points:** 96  
**Standard credit points per semester (full-time):** 48  
**Standard credit points per semester (part-time):** 24  
**Course coordinator:** Ms Lyn Simpson  
**Discipline coordinator:** Dr Carol Dalglish

**Course Design**

Students must complete eight units (96 credit points in total). The course is undertaken on a full-time or part-time basis. Some applicants may require unit substitution where they have studied the equivalent of some introductory units in their undergraduate qualification. Choice of unit substitution will be undertaken in conjunction with and on the approval of the Director of Graduate Studies.

**Articulation with Masters Programs**

Students who successfully complete the Graduate Diploma in Philanthropy & Nonprofit Studies can articulate into the BS93 Master of Business (Philanthropy & Nonprofit Studies). Students who have completed the Graduate Diploma in Philanthropy &
Nonprofit Studies will need to undertake a further 48 credit points of specified study in order to gain a Master of Business (Philanthropy & Nonprofit Studies).

**Full-time Course Structure**

**Year 1, Semester 1 / 6TP2 and 6TP3**

- GSN233 Special Topic in Philanthropy and Nonprofit Studies
- GSN481 Philanthropic and Nonprofit Frameworks of Governance
- GSN482 Philanthropic and Nonprofit Economics
- GSN483 Ethics for Philanthropic and Nonprofit Organisations
- GSN484 Management for Philanthropic and Nonprofit Organisations

And one elective unit from the following list:

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

**Year 1, Semester 2 / 6TP4 and 6TP5**

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

**Part-time Course Structure**

**Year 1, Semester 1 / 6TP2 and 6TP3**

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

**Year 1, Semester 2 / 6TP4 and 6TP5**

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

**Year 2, Semester 1**

- GSN233 Special Topic in Philanthropy and Nonprofit Studies

And one elective unit from the following list:

- AMN403 Marketing and Survey Research
- BSN506 Econometric Methods
- BSN507 Research Methods

**Year 2, Semester 2**

- AMN232 Fundraising Principles
- GSN224 Corporate Philanthropy

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**Graduate Diploma in Public Relations**

**(BS72)**

**Award title:** Graduate Diploma in Public Relations

**CRICOS code:** 00903J

**Location:** Gardens Point

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

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

**Total credit points:** 96

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

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

**Course coordinator:** Ms Lyn Simpson

**Discipline coordinator:** Assoc Prof James Everett

**Course Design**

Students must complete eight units (96 credit points) comprising of six major core units (72 credit points) and two elective units (24 credit points).

**Articulation to Masters programs**

Students who enrol in the Graduate Diploma in Students who enrol in the Graduate Diploma in Public Relations can articulate into the Master of Business (Public Relations). Students who have completed this course structure would need to undertake a further 48 credit points of specified units in order to gain a Master of Business.

**Full-time Course Structure**

**Year 1, Semester 1**

- AMN461 Corporate Media Strategy and Tactics

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**Graduate Diploma of Business Administration (GS41)**

**Award title:** Graduate Diploma of Business Administration

**CRICOS code:** 002621K

**Location:** Gardens Point

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

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

**Total credit points:** 96

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

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

**Course coordinator:** Dr Caroline Ann Hatcher

**Course Design**

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

Students must complete a minimum of 12 units (72cp) from the MBA core and no more than 4 units (24cp) of electives.

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

**Course structure**

Students must complete a minimum 12 of the following 16 units, with the remaining being electives or core units not yet completed:

- GSN401 Managing in the Global Business Environment
B U S I N E S S

GSN402 Strategic Use of Information Technology
GSN403 Understanding Data
GSN404 Financial Statements Analysis 1
GSN405 Strategic Management
GSN406 Human Resource Management Issues
GSN407 Business Communication
GSN408 Fundamentals of Marketing Management
GSN409 Organisational Behaviour 1
GSN410 Entrepreneurship
GSN411 Economics of Strategy 1
GSN412 Business Law 1
GSN413 Financial Management 1
GSN414 Business Conditions Analysis 1
GSN415 Understanding Leadership
GSN416 Business Plans 1

Concentrations and Minors

Students may complete more than one concentration and minor through careful choice of their 24 credit points of electives. Students with a prior degree in a business major may be allowed to bypass some introductory core units and take additional electives instead, and thus complete additional minors or concentrations. Students must seek advice from BGSB Student Services before applying for credit or substitutions.

Accounting

Minor
Core Units:
GSN404 Financial Statements Analysis 1
GSN427 Financial Statement Analysis 2

Required Units:
GSN404 Financial Statements Analysis 1
Required Units:
GSN427 Financial Statement Analysis 2

Elective units (Choose 12cp from the list below)

Concentration:
GSN404 Financial Statements Analysis 1
Core Units:
GSN427 Financial Statement Analysis 2

Elective units (Choose 12cp from the list below)

Elective List:
AYN414 Cost Accounting
AYN417 Financial Accounting 2
AYN418 Financial Accounting 3
AYN424 International Accounting
AYN439 Management Accounting
AYN443 Electronic Commerce Cycles

Arts & Cultural Management

Minor
Core Units:
GSN404 Financial Statements Analysis 1
GSN427 Financial Statement Analysis 2

Required Units:
GSN404 Financial Statements Analysis 1
Required Units:
GSN427 Financial Statement Analysis 2

Elective units (Choose 24cp from the list below)

Concentration:
GSN404 Financial Statements Analysis 1
Core Units:
GSN427 Financial Statement Analysis 2

Elective units (Choose 24cp from the list below)

Elective List:
AYN414 Cost Accounting
AYN417 Financial Accounting 2
AYN418 Financial Accounting 3
AYN424 International Accounting
AYN439 Management Accounting
AYN443 Electronic Commerce Cycles

Business Communication

Minor
Core Unit:
GSN407 Business Communication

Required Unit:
GSN417 Effective Advocacy for Managers

Elective units (Choose 12cp from the list below)

Concentration:
GSN407 Business Communication
Core Unit:
GSN417 Effective Advocacy for Managers

Elective units (Choose 12cp from the list below)

Elective List:
GSN457 Organisational Communication and Influence
GSN458 Intercultural Business Communication

Corporate Governance

Minor
Core Units:
GSN404 Financial Statements Analysis 1
GSN412 Business Law 1

Required Units:
GSN472 Principles of Corporate Governance
GSN473 Corporate Accountability

Concentration:
Core Units:
GSN404 Financial Statements Analysis 1
GSN412 Business Law 1

Required Units:
GSN472 Principles of Corporate Governance
GSN473 Corporate Accountability

Elective units (Choose 12cp from the list below)

Elective List:
AYN412 Company Law
GSN224 Corporate Philanthropy
GSN233 Special Topic in Philanthropy and Nonprofit Studies
GSN405 Strategic Management
GSN415 Understanding Leadership
GSN422 Business Law 2
GSN427 Financial Statement Analysis 2
GSN480 Sustainable Development and Competitive Advantage
GSN483 Ethics for Philanthropic and Nonprofit Organisations
GSN484 Management for Philanthropic and Nonprofit Organisations
GSN485 Legal Issues for Philanthropic and Nonprofit Organisations
GSN486 Accounting Issues for Philanthropic & Nonprofit Organisations

Economics

Minor
Core Units:
GSN411 Economics of Strategy 1
GSN414 Business Conditions Analysis 1
GSN421 Economics of Strategy 2
GSN424 Business Conditions Analysis 2

Elective units (Choose 12cp from the list below)

Elective List:
GSN451 Contemporary Issues in the International Political Economy
GSN453 Economics of Health & Health Care

Elective units (Choose 36cp from the list below)

Elective units (Choose 24cp from the list below)

Intermediate undergraduate macro and micro economics at the very least.

Electronic Business

Minor
Core Unit:
GSN402 Strategic Use of Information Technology

Required Units:
GSN435 Electronic Commerce
GSN470 E-Business

Elective units (Choose 6cp unit from the list below)

Concentration:
Core Unit:
GSN402 Strategic Use of Information Technology

Required Units:
GSN435 Electronic Commerce
GSN469 Internet Applications

Elective units (Choose 12cp from the list below)

Elective List:
GSN435 Electronic Commerce
GSN447 Strategic Internet Marketing 1
GSN448 Strategic Internet Marketing 2
GSN454 Economics of Information and E-Commerce
GSN463 Australian E-Communications Policy
GSN464 International E-Communications Policy
GSN465 Advanced Electronic Commerce
GSN466 Technology Infrastructure Management
GSN467 Knowledge Management
GSN468 Public and Commercial Policy in the ICT Sector
Entrepreneurship

Minor
Core Units:
GSN410 Entrepreneurship
GSN416 Business Plans 1
GSN420 New Venture Strategy
GSN429 New Venture Marketing
GSN430 New Venture Resourcing
GSN431 New Venture Growth and Transitions
GSN432 New Venture Leadership and HRM

Concentration
Core Units:
GSN410 Entrepreneurship
GSN416 Business Plans 1
GSN420 New Venture Strategy
GSN426 Business Plans 2

Elective units (Choose 6cp from the list below)
Elective List:
GSN429 New Venture Marketing
GSN430 New Venture Resourcing
GSN431 New Venture Growth and Transitions
GSN432 New Venture Leadership and HRM

Finance

Minor
Core Units:
GSN413 Financial Management 1
GSN414 Business Conditions Analysis 1
GSN423 Financial Management 2
GSN430 New Venture Resourcing
GSN434 Venture Capital

Elective units (Choose 6cp from the list below)
Elective List:
GSN429 New Venture Marketing
GSN430 New Venture Resourcing
GSN431 New Venture Growth and Transitions
GSN432 New Venture Leadership and HRM

Health Services Management

Minor
Core Units:
GSN411 Economics of Strategy 1
GSN453 Economics of Health & Health Care
PUN692 Health Care Delivery Systems

Concentration
Core Units:
GSN411 Economics of Strategy 1
GSN453 Economics of Health & Health Care

Elective units (Choose 12cp from the list below)
Elective List:
GSN449 Public Sector and Social Marketing 1
GSN450 Public Sector and Social Marketing 2
LWS006 Health, Ethics And The Law

PUP415 Occupational and Environmental Health

Human Resource Management

Minor
Core Units:
GSN406 Human Resource Management Issues
GSN409 Organisational Behaviour 1

Required Units:
MGN427 Human Resource Management

Concentration
Core Units:
GSN406 Human Resource Management Issues
GSN409 Organisational Behaviour 1

Information Technology Management

Minor
Core Unit:
GSN402 Strategic Use of Information Technology

Required Units:
GSN470 E-Business

Elective units (Choose 12cp from the list below)
Elective List:
ITN211 Systems Analysis And Design
ITN215 Management Support Systems
ITN220 Issues In IT Management
ITN252 Process Engineering
ITN255 Knowledge Management
ITN272 Information Technology Project Management
ITN322 Information Resources
ITN330 Information Issues
ITN412 Technology Of Information Systems
ITN510 Data Communications

International Business

Minor
Core Unit:
GSN401 Managing in the Global Business Environment

Elective units (Choose 12cp from the list below)
Elective List:
GSN428 International Study Tour
GSN444 Special Topics 1
GSN451 Contemporary Issues in the International Political Economy
GSN452 International Human Resource Management
GSN458 Intercultural Business Communication
GSN462 Negotiation Strategies
GSN464 International E-Communications Policy
AYN424 International Accounting
EFN414 International Finance
IBM403 Business in Asia
IBM404 Business in Europe
IBM421 Marketing Internationally
IBM435 Business in Australia
IBM409 Negotiating Across Borders
IBM410 International Logistics Management
MGN404 Managing and Organising Global Firms
Graduate Certificate in Business (BS39)

Award title: Graduate Certificate in Business (Study Area A)
CRICOS code: 031769E

Location: Gardens Point
Course duration (full-time): 1 semester
Course duration (part-time): 2 semesters
Total credit points: 48
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Ms Lyn Simpson

Articulation
With the approval of the relevant Subject Area Coordinator, in conjunction with and approval of the Course Coordinator, students may articulate from the Graduate Certificate in Business to one of the following courses, depending on the specialisation undertaken. Students are required to meet the entry requirements and/or the prerequisites for further study:

- BS96 Graduate Diploma in Applied Finance or BS98 Master of Applied Finance - for students completing the Graduate Certificate in Business (Finance).
- BS93 Master of Business (Advertising) - for students completing the Graduate Certificate in Business (Advertising).
- BS93 Master of Business (Marketing) - for students completing the Graduate Certificate in Business (Marketing).
- BS93 Master of Business (Public Relations) or BS72 Graduate Diploma in Public Relations - for students completing the Graduate Certificate in Business (Public Relations).
- BS93 Master of Business (Advertising) or BS93 Master of Business (Integrated Marketing Communication) or BS93 Master of Business (Marketing) or BS93 Master of Business (Public Relations) - for students completing the Graduate Certificate in Business (Integrated Marketing Communication).
- BS93 Master of Business (Human Resource Management) - for students completing the Graduate Certificate in Business (Human Resource Management).
- For students completing the Graduate Certificate in Business (International Business) - Please consult the School of International Business.
- BS93 Master of Business (Philanthropy & Nonprofit Studies) or BS95 Graduate Diploma in Philanthropy & Nonprofit Studies - for students completing the Graduate Certificate in Business (Philanthropy & Nonprofit Studies).
- BS93 Master of Business (Public Management) - for students completing the Graduate Certificate in Business (Public Management).
- BS94 Master of Commerce or BS70 Graduate Diploma in Advanced Accounting - for students completing the Graduate Certificate in Business (Professional Accounting).
- IF02 Graduate Diploma in Creative Industries (Arts & Cultural Management) - for students completing the Graduate Certificate in Business (Arts & Cultural Management).
- BS98 Master of Applied Finance - for students completing the Graduate Certificate in Business (Finance).
In addition, the Graduate Certificate in Business may articulate to GS30 Master of Business Administration (MBA) or GS31 Graduate Diploma in Business Administration, provided students have a minimum of two years’ relevant work experience.

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

Course Structure

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

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

Finance
EFN406 Managerial Finance
Plus any three of the following units:
EFN405 Managerial Economics
EFN412 Advanced Managerial Finance
EFN413 Security Law
EFN414 International Finance
EFN415 Security Analysis
EFN416 Treasury and Portfolio Management
EFN505 Financial Risk Management
EFN507 Advanced Capital Budgeting
Finance Elective unit
Finance Elective unit

Human Resource Management
Any four of the following units:
MGN404 Managing and Organising Global Firms
MGN421 Strategic HRM
MGN422 Contemporary Issues and Practices in Employee Relations
MGN424 International Dimensions of HRM
MGN427 Human Resource Management
MGN505 Consulting and Change Management
MGN506 Contemporary Issues in HRM
Or other units approved by the Subject Area Coordinator

Integrated Marketing Communication
AMN400 Consumer Behaviour
AMN401 Integrated Marketing Communication
Plus any two of the following units:
AMN420 Advertising Management
AMN442 Marketing Management
AMN466 Public Relations Management

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

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

Philanthropy and Nonprofit Studies
GSN481 Philanthropic and Nonprofit Frameworks of Governance
GSN482 Philanthropic and Nonprofit Economics
GSN483 Ethics for Philanthropic and Nonprofit Organisations
GSN484 Management for Philanthropic and Nonprofit Organisations
GSN485 Legal Issues for Philanthropic and Nonprofit Organisations
GSN486 Accounting Issues for Philanthropic & Nonprofit Organisations
Plus one of the following units:
AMN482 Marketing for the Nonprofit Sector
GSN232 Fundraising Principles
Professional Accounting
AYN412 Company Law
AYN418 Financial Accounting 3
AYN438 Taxation Law and Practice
Plus one of the following units:
GSN443 Electronic Commerce Cycles
Unit approved by the Subject Area Coordinator

Public Management
MGN425 The Context of Public Management
Or
MGN426 International Trends in Public Management
Plus three units from:
MGN402 Government-Business Relations
MGN421 Strategic HRM
MGN425 The Context of Public Management
MGN426 International Trends in Public Management
MGN516 Policy Analysis
MGN517 Program Management and Evaluation
MGN524 Special Topic in Management 1
Or other units approved by the Course Coordinator

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

Graduate Certificate in Business Administration (GS42)
Award title: Graduate Certificate in Business Administration
CRICOS code: 031575D
Location: Gardens Point

Course duration (full-time): 1 semester.
Course duration (part-time): 2 semesters.
Total credit points: 48
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24

Course coordinator: Dr Caroline Hatcher

Course Design
Students must complete 8 core units of 6 credit points each. In line with other leading business schools, GBSB offers six credit point units, delivered in seven-week modules giving students the flexibility to commence study at the beginning or mid-point of any semester, offering six different entry points each year.

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

Course structure
Select 8 units from the following list:
GSN401 Managing in the Global Business Environment
GSN402 Strategic Use of Information Technology
GSN403 Understanding Data
GSN404 Financial Statements Analysis 1
GSN405 Strategic Management
GSN406 Human Resource Management Issues
GSN407 Business Communication
GSN408 Fundamentals of Marketing Management
GSN409 Organisational Behaviour 1
GSN410 Entrepreneurship
GSN411 Economics of Strategy 1
GSN412 Business Law 1
GSN413 Financial Management 1
GSN414 Business Conditions Analysis 1
GSN415 Understanding Leadership
GSN416 Business Plans 1

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Graduate Certificate in Entrepreneurship and Innovation (GS47)

Award title: Graduate Certificate in Entrepreneurship and Innovation
CRICOS code: 04605J
Location: Gardens Point
Course duration (full-time): 1 semester.
Course duration (part-time): 2 semesters.
Total credit points: 48
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Dr Caroline Hatcher

Course Design
Students must complete 6 core and 2 required units, of 6 credit points each from the MBA (Entrepreneurship) program totalling 48 credit points.

Students might enter and complete this program only, and/or may use the successful completion of this program as a basis for entry into the Graduate Diploma in Entrepreneurship and Innovation or the Master of Entrepreneurship and Innovation program.

Alternatively, students who have registered in either the Graduate Diploma in Entrepreneurship and Innovation or the Master of Entrepreneurship and Innovation programs may exit from those programs with the Graduate Certificate in Entrepreneurship and Innovation qualification if they have fulfilled the conditions outlined below for the award of this graduate certificate.

Course Structure
The following six (6) MBA core units must be completed:
GSN401 Managing in the Global Business Environment
GSN402 Strategic Use of Information Technology
GSN405 Strategic Management
GSN408 Fundamentals of Marketing Management
GSN410 Entrepreneurship
GSN416 Business Plans 1

Plus the following 12cp of required units:
Required Units:
GSN420 New Venture Strategy
GSN460 Creative Problem Solving

Graduate Certificate in Human Resource Management and Development (BS32)

Award title: Graduate Certificate in Human Resource Management and Development
Location: Gardens Point
Course duration (part-time): 2 semesters part-time.
Total credit points: 48
Standard credit points per semester (part-time): 24
Course coordinator: Ms Claire Gardiner

Course Design
Students must complete four prescribed units (48 credit points)

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

Part-time Course Structure
Semester 1
MGN412 People in Organisations
MGN427 Human Resource Management
Semester 2
MGN409 Introduction to Management
MGN410 Labour-Management Relations

Graduate Certificate in Management (GS43)

Award title: Graduate Certificate in Management
CRICOS code: 012664E
Location: Gardens Point
Course duration (full-time): 1 semester.
Course duration (part-time): 2 semesters.
Total credit points: 48
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Dr Caroline Hatcher

Course Design
To attain a general Graduate Certificate in Management students must complete any 48 credit points from the Master of Business Administration (GS30) core or GSN coded elective units.

Alternatively, to attain a specialised study area within the Graduate Certificate in Management students must complete 48 credit points from a selected major area.

Students may undertake other postgraduate Business elective units, subject to the approval of the MBA Director.

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

Articulation
Students who successfully complete the Graduate Certificate in Management program with a GPA of 4.5 above (on a 7 point scale) may enrol in the Master of Business Administration and other Master level awards offered by the Faculty of Business.

Course structure
Students have two options within this program:
Select 8 units from the following MBA core or any postgraduate business unit approved by the MBA Director:
GSN401 Managing in the Global Business Environment
GSN402 Strategic Use of Information Technology
GSN405 Understanding Data
GSN406 Financial Statements Analysis 1
GSN407 Business Communication
GSN408 Fundamentals of Marketing Management
GSN409 Organisational Behaviour 1
GSN410 Entrepreneurship
GSN411 Economics of Strategy 1
GSN412 Business Law 1
GSN413 Financial Management 1
GSN414 Business Conditions Analysis 1
GSN415 Understanding Leadership
GSN416 Business Plans 1

OR

Select a major (48 cp) from one of the following study areas:
Business Communication
Required Units:
GSN407 Business Communication
GSN417 Effective Advocacy for Managers
GSN457 Organisational Communication and Influence
GSN458 Communication Planning for Organisations
GSN462 Negotiation Strategies

Elective unit (Choose 12cp from the list below)
Elective List:
GSN415 Understanding Leadership
GSN460 Making Change Work
GSN402 Strategic Use of Information Technology
GSN455 Special Topics 3

Corporate Governance
Required Units:
GSN404 Financial Statements Analysis 1
GSN427 Financial Statement Analysis 2
GSN412 Business Law 1
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BUSINESS

Bachelor of Business (Honours) (BS63)

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

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

Course Requirements

Students must complete four coursework units (48 credit points) and a dissertation (48 credit points), as per the programs of study described below for their area of Honours study.

Prerequisite requirements for the following units are deemed to have been satisfied upon admission to this course. Where elective units may be undertaken, students should check prerequisite requirements in the unit synopsis section of the QUT Handbook and obtain approval from the Subject Area Coordinator prior to enrolment.

Course Structure

Accountancy

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

BSN507 Research Methods
Compulsory Core Unit
Two of the following Accountancy units
AYN505 Dissecting Financial Statements
AYN506 Strategic Management Accounting
AYN507 Governance Issues in Accounting

Elective unit (An approved 12 credit point postgraduate unit offered by the School of Accountancy or other postgraduate unit, subject to the approval of the Subject Area Coordinator).

BSN501 Dissertation
Whilst enrolled in part one of the Dissertation (BSN501-1) students are required to present a seminar detailing their research proposal.

Advertising

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

BSN501 Dissertation
Compulsory Core Units (Select two units):

AMN403 Marketing and Survey Research
BSN502 Research Methodology
BSN503 Research Seminar
BSN512 Qualitative Research and Analytical Techniques

Elective unit (The elective units for this Honours program may be selected from any 12 credit point postgraduate unit offered by the School of Advertising, Marketing and Public Relations, in the specialisation area (Advertising), subject to the approval of the Subject Area Coordinator).

BSN501 Dissertation
Whilst enrolled in part one of the Dissertation (BSN501-1) students are required to present a seminar detailing their research proposal.

Banking and Finance

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

BSN506 Econometric Methods
Compulsory Core Unit:
Banking and Finance Units:

BSN506 Econometric Methods
EFN504 Finance Honours
EFN505 Financial Risk Management

Elective unit (The elective unit for this Honours program may be taken from any postgraduate unit offered by the School of Accountancy or School of Economics and Finance subject to the approval of the Course Coordinator or Head of School).

BSN501 Dissertation
| BUSINESS |

Whilst enrolled in part one of the Dissertation (BSN501-1) students are required to present a seminar detailing their research proposal.

**Economics**
Students must complete three prescribed units (36 credit points), one elective (12 credit points), and a dissertation (48 credit points).

- **Compulsory Core Unit:**
  - BSN506 Econometric Methods
- **Economics Units:**
  - EFN500 Contemporary Macroeconomic Theories
  - EFN502 Developments in Microeconomic Theories

Elective unit (The elective unit for this Honours program may be taken from any postgraduate unit offered by the School of Accounting or School of Economics and Finance, subject to the approval of the Subject Area Coordinator or Head of School).

BSN501 Dissertation
Whilst enrolled in part one of the Dissertation (BSN501-1) students are required to present a seminar detailing their research proposal.

**Human Resource Management**
Students must complete four compulsory units (48 credit points) and a dissertation (48 credit points).

- **Compulsory Core Units:**
  - BSN502 Research Methodology
  - BSN503 Research Seminar
  - MGN506 Contemporary Issues in HRM
  - MGN508 HRM Cases

BSN501 Dissertation
Whilst enrolled in part one of the Dissertation (BSN501-1) students are required to present a seminar detailing their research proposal.

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

- **Compulsory Core Units:**
  - BSN502 Research Methodology
  - BSN503 Research Seminar

The elective units for this Honours program may be taken from any 12 credit point postgraduate unit offered by the School of International Business, in the specialisation area (International Business), subject to the approval of the Subject Area Coordinator.

BSN501 Dissertation
Whilst enrolled in part one of the Dissertation (BSN501-1) students are required to present a seminar detailing their research proposal.

**Management**
Students must complete four prescribed units (48 credit points) and a dissertation (48 credit points).

- **Compulsory Core Units:**
  - BSN502 Research Methodology
  - BSN503 Research Seminar
  - MGN501 Readings in Management
  - MGN507 Contemporary Issues in Management

BSN501 Dissertation
Whilst enrolled in part one of the Dissertation (BSN501-1) students are required to present a seminar detailing their research proposal.

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

- **Compulsory Core Units:**
  - AMN403 Marketing and Survey Research
  - BSN412 Qualitative Research and Analytical Techniques

Elective units (The elective units for this Honours program may be taken from any 12 credit point postgraduate unit offered by the School of Advertising, Marketing and Public Relations, in the specialisation area (Marketing), subject to the approval of the Subject Area Coordinator).

BSN501 Dissertation
Whilst enrolled in part one of the Dissertation (BSN501-1) students are required to present a seminar detailing their research proposal.

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

- **Compulsory Core Units:**
  - BSN502 Research Methodology
  - AMN403 Marketing and Survey Research
  - BSN503 Research Seminar
  - BSN412 Qualitative Research and Analytical Techniques

Elective units (The elective units for this Honours program may be taken from any 12 credit point postgraduate unit offered by the School of Marketing, Advertising and Public Relations, in the specialisation area (Public Relations), subject to the approval of the Subject Area Coordinator).

BSN501 Dissertation
Whilst enrolled in part one of the Dissertation (BSN501-1) students are required to present a seminar detailing their research proposal.

**Bachelor of Business - Course Notes (BS56)**

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

(a) eight Faculty Core units (refer to A below)

(b) one block of six Major Core units (refer to B below)

(c) one of the following:

(i) Double Major (six units); or

(ii) Extended Major (six units); or

(iii) Specialisation (six units).

(d) plus four Elective units.

The course structures, listed by primary major, outline a sequence of unit study and ensures that prerequisite requirements of a unit are satisfied. Please see separate entries in Studyfinder by Major.

**A) FACULTY CORE UNITS**

- **Accountancy**
  - AYB121 Financial Accounting
  - AYB220 Company Accounting
  - AYB221 Computerised Accounting Systems

- **Management**
  - AYB225 Management Accounting

- **Marketing**
  - AYB301 Auditing

- **Economic**
  - EFB101 Data Analysis for Business

**B) MAJOR CORE UNITS**

**Accountancy**

- **AYB121 Financial Accounting**
- **AYB220 Company Accounting**
- **AYB221 Computerised Accounting Systems**
- **AYB225 Management Accounting**
- **AYB301 Auditing**
- **EFB101 Data Analysis for Business**

**Advertising**

- **AMB200 Consumer Behaviour**
- **AMB221 Advertising Theory & Practice**
- **AMB222 Media Planning**
- **AMB320 Advertising Management**
- **AMB321 Advertising Campaigns**

**Banking and Finance**

- **EFB101 Data Analysis for Business**
- **EFB102 Economics 2**
- **EFB201 Financial Markets**
- **EFB210 Finance 1**
- **EFB307 Finance 2**
- **EFB312 International Finance & Economics**

**Economics**

- **EFB101 Data Analysis for Business**
Students are also able to undertake an Interfaculty Specialisations that the specialisation in which you are interested is offered. Hence, it is important that you confirm with the Enquiries Counter, level 4, Z Block, Gardens Point or on (07) Full details are available from the Faculty of Business Student (IFS) with the approval of the Director of Undergraduate Studies. Students should note that not all specialisations will be timetabled (C) SPECIALISATIONS

- MGB309 Strategic Management
- MGB222 Managing Organisations
- MGB220 Management Research Methods
- MGB222 Managing Organisations
- MGB309 Strategic Management
- MGB314 Organisational Consulting & Change

**International Business**
- IBB202 Business & the World Economy
- IBB210 Export Management
- IBB211 Globalisation & Business
- IBB300 International Business Strategy
- and one of the following pairs of area study units:
  - IBB217 Asian Business Development
  - IBB317 Contemporary Business in Asia
  OR
  - IBB208 European Business Development
  - IBB308 Contemporary Business in Europe

**Management**
- MGB210 Production & Service Management
- MGB211 Organisational Behaviour
- MGB220 Management Research Methods
- MGB222 Managing Organisations
- MGB309 Strategic Management
- MGB334 Managing in a Changing Environment

**Marketing**
- AMB200 Consumer Behaviour
- AMB201 Marketing & Audience Research
- AMB240 Marketing Planning & Management
- AMB241 E-Marketing Strategies
- AMB340 Services Marketing
- AMB341 Strategic Marketing

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

(C) SPECIALISATIONS

Students should note that not all specialisations will be timetabled in every year or semester. Hence, it is important that you confirm that the specialisation in which you are interested is offered. Students are also able to undertake an Interfaculty Specialisations (IFS) with the approval of the Director of Undergraduate Studies. Full details are available from the Faculty of Business Student Enquiries Counter, level 4, Z Block, Gardens Point or on (07) 3864 2050 or via bus@qut.edu.au

- Business Law and Tax (BLS) for Business students without an Accountancy major.
- Financial Economics (FES) for Business students without an Economics or Banking & Finance major.
- Integrated Marketing Communication (IMS) for Business students with any major.
- Language (LSG) for Business students without an International Business major.

Students may study French, German, Indonesian or Japanese, or also seek approval to undertake a different language at another tertiary institution. Students undertaking a language specialisation must complete a minimum of four language units, plus either; two additional language units; or IBB205 Cross Cultural Communication & Negotiation and one other International Business unit selected from the International Business major or extended major, provided pre-requisite requirements are met.

- Language (LSG) for Business students with an International Business major.

Students may study French, German, Indonesian or Japanese, or also seek approval to undertake a different language at another tertiary institution. Students undertaking a language specialisation must complete a minimum of four language units plus; either IBB205 Cross Cultural Communication and Negotiation and an International Business elective unit; or two additional language units.

**Definitions**

Double Major: a second major core (six units) chosen from above. Six units must be completed for a double major. An alternative double major option unit must be substituted when a unit is common to both majors, or a unit that is incompatible has already been completed. Approval for the substitute unit should be sought from the Major Coordinator.

Extended Major: an additional group of six specified units in the same discipline area as the major core. A list of possible extended majors is provided later, with the respective primary major structures.

Specialisation: a coherent group of six specified units in a discipline area. Specialisations for business students may be chosen from a number of areas (refer to C below). Six units must be completed for a specialisation. An alternative specialisation option unit must be substituted when a unit is common to the major and specialisation, or a unit that is incompatible has already been completed. Approval for the substitute unit should be sought from the Major Coordinator.

Elective: a unit of 12 credit points chosen from any degree course at QUT including approved degree level study tours. Electives may also be taken at other recognised universities if the student obtains written approval from the Course Coordinator and the Head of School.

### Bachelor of Business (Accountancy) (BS56)

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

### BS56 Course Notes

See BS56 Course Notes entry for information about the course design and definitions.

### Other Majors

professional membership
students completing the bachelor of business (accountancy) degree with an extended major in either professional accounting or business law and tax meet the academic requirements for associate membership of CPA Australia and enrolment in the CPA program and the academic requirements for enrolment in the CA program of the institute of chartered accountants in Australia (ICAA). these programs are also accredited with the Institute of chartered secretaries and administrators, chartered secretaries Australia and the tax agents board of Queensland.

students completing the accountancy major in combination with another business major may meet professional body (CPA Australia/ICAA) requirements by undertaking specified qut units (normally four) as electives in the course.

Please note that students with advanced standing (ie academic credit) may be required to undertake additional studies in order to meet professional body requirements. Students must also comply with CPA Australia policy on conceded and terminal passes.

full-time course structure

<table>
<thead>
<tr>
<th>Year, Semester</th>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1, Semester 1</td>
<td>BSB110</td>
<td>Accounting</td>
</tr>
<tr>
<td>Year 1, Semester 1</td>
<td>BSB111</td>
<td>Business Law and Ethics</td>
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<tr>
<td>Year 1, Semester 1</td>
<td>BSB113</td>
<td>Economics</td>
</tr>
<tr>
<td>Year 1, Semester 1</td>
<td>BSB115</td>
<td>Management, People and Organisations</td>
</tr>
<tr>
<td>Year 2, Semester 2</td>
<td>AYB121</td>
<td>Financial Accounting</td>
</tr>
<tr>
<td>Year 2, Semester 2</td>
<td>BSB114</td>
<td>Government, Business and Society</td>
</tr>
<tr>
<td>Year 2, Semester 2</td>
<td>EFB101</td>
<td>Data Analysis for Business</td>
</tr>
<tr>
<td>Year 2, Semester 2</td>
<td>AYB220</td>
<td>Company Accounting</td>
</tr>
<tr>
<td>Year 2, Semester 2</td>
<td>AYB221</td>
<td>Computerised Accounting Systems</td>
</tr>
<tr>
<td>Year 3, Semester 1</td>
<td>AYB301</td>
<td>Auditing</td>
</tr>
<tr>
<td>Year 3, Semester 2</td>
<td>EFB210</td>
<td>Finance 1</td>
</tr>
<tr>
<td>Year 3, Semester 2</td>
<td>AYB225</td>
<td>Management Accounting</td>
</tr>
<tr>
<td>Year 4, Semester 1</td>
<td>AYB311</td>
<td>Financial Accounting Issues</td>
</tr>
<tr>
<td>Year 4, Semester 2</td>
<td>AYB321</td>
<td>Strategic Management Accounting</td>
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<tr>
<td>Year 5, Semester 1</td>
<td>AYB301</td>
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</tr>
<tr>
<td>Year 5, Semester 2</td>
<td>AYB325</td>
<td>Taxation Law</td>
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</table>

extended major in professional accounting (students seeking professional recognition)

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<thead>
<tr>
<th>Year, Semester</th>
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<tbody>
<tr>
<td>Year 1, Semester 1</td>
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<td>BSB113</td>
<td>Economics</td>
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<tr>
<td>Year 1, Semester 1</td>
<td>BSB115</td>
<td>Management, People and Organisations</td>
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<td>Year 2, Semester 2</td>
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<td>Financial Accounting</td>
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<td>BSB114</td>
<td>Government, Business and Society</td>
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<td>Year 2, Semester 2</td>
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<td>Data Analysis for Business</td>
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<td>Year 2, Semester 2</td>
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<td>Company Accounting</td>
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<td>Year 3, Semester 1</td>
<td>AYB301</td>
<td>Auditing</td>
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<td>Year 3, Semester 1</td>
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<td>Government, Business and Society</td>
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<td>AYB221</td>
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<td>Company Accounting</td>
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<tr>
<td>Year 4, Semester 2</td>
<td>AYB225</td>
<td>Management Accounting</td>
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<tr>
<td>Year 5, Semester 1</td>
<td>AYB301</td>
<td>Auditing</td>
</tr>
<tr>
<td>Year 5, Semester 2</td>
<td>AYB321</td>
<td>Strategic Management Accounting</td>
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part-time extended major in professional accounting (students seeking professional recognition)

<table>
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<th>Year, Semester</th>
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<th>Course Title</th>
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<tbody>
<tr>
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<td>Accounting</td>
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<td>Year 1, Semester 1</td>
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<td>Business Law and Ethics</td>
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<td>Year 1, Semester 1</td>
<td>BSB113</td>
<td>Economics</td>
</tr>
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<td>Year 2, Semester 2</td>
<td>AYB121</td>
<td>Financial Accounting</td>
</tr>
<tr>
<td>Year 2, Semester 2</td>
<td>BSB122</td>
<td>Business Information Analysis and Communication</td>
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<td>Government, Business and Society</td>
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<td>Year 3, Semester 1</td>
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<td>Year 3, Semester 2</td>
<td>BSB126</td>
<td>Marketing</td>
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<td>Year 6, Semester 1</td>
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<tr>
<td>Elective unit</td>
<td>Extended Major unit</td>
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<tr>
<th>Year 6, Semester 2</th>
<th>Year 6, Semester 2</th>
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<tbody>
<tr>
<td>Elective unit</td>
<td>Extended Major unit</td>
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**Full-time Extended Major in Business Law and Tax**

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<tbody>
<tr>
<td>BSB110 Accounting</td>
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<tr>
<td>BSB111 Business Law and Ethics</td>
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<tr>
<td>BSB113 Economics</td>
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<td>BSB115 Management, People and Organisations</td>
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<tr>
<th>Year 1, Semester 2</th>
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<tbody>
<tr>
<td>AYB121 Financial Accounting</td>
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<tr>
<td>BSB119 International and Electronic Business</td>
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<td>BSB122 Business Information Analysis and Communication</td>
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<td>BSB126 Marketing</td>
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<th>Year 2, Semester 1</th>
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<tbody>
<tr>
<td>AYB220 Company Accounting</td>
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<tr>
<td>BSB114 Government, Business and Society</td>
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<td>EFB101 Data Analysis for Business</td>
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<td>EFB210 Finance 1</td>
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<tr>
<th>Year 2, Semester 2</th>
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<tbody>
<tr>
<td>AYB221 Computerised Accounting Systems</td>
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<tr>
<td>AYB223 Law of Business Associations</td>
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<td>AYB225 Management Accounting</td>
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<td>EFB102 Economics 2</td>
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<th>Year 3, Semester 1</th>
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<tr>
<td>AYB301 Auditing</td>
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<tr>
<td>AYB321 Strategic Management Accounting</td>
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<td>AYB325 Taxation Law</td>
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<td>Extended Major unit</td>
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<tr>
<th>Year 3, Semester 2</th>
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<tbody>
<tr>
<td>AYB311 Financial Accounting Issues</td>
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<td>Extended Major unit</td>
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<tr>
<td>Extended Major unit</td>
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<tr>
<td>Extended Major unit</td>
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</table>

**Extended Major Units**

Students are required to select four units from the following:

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

**Bachelor of Business (Advertising) (BS56)**

**Award title:** Bachelor of Business (Advertising)

**Location:** Gardens Point

**Course duration (full-time):** 3 years

**Course duration (part-time):** 6 years

**Total credit points:** 288

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

**Course coordinator:** Mr Andrew Paltridge

**Discipline coordinator:** Dr Gayle Kerr

**BS56 Course Notes**

See BS56 Course Notes entry for information about the course design and definitions.

**Other Majors**

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

**Professional Membership**

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

**Full-time Course Structure**

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
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</thead>
<tbody>
<tr>
<td>BSB114 Government, Business and Society</td>
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<tr>
<td>BSB119 International and Electronic Business</td>
</tr>
<tr>
<td>BSB122 Business Information Analysis and Communication</td>
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</tbody>
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<table>
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<tr>
<th>Year 1, Semester 2</th>
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</thead>
<tbody>
<tr>
<td>AMB200 Consumer Behaviour</td>
</tr>
<tr>
<td>AMB220 Advertising Theory and Practice</td>
</tr>
<tr>
<td>BSB115 Management, People and Organisations</td>
</tr>
<tr>
<td>Double Major/Extended Major/Specialisation unit</td>
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<thead>
<tr>
<th>Year 2, Semester 1</th>
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</thead>
<tbody>
<tr>
<td>AMB222 Media Planning</td>
</tr>
<tr>
<td>BSB110 Accounting</td>
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<tr>
<td>Double Major/Extended Major/Specialisation unit</td>
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<tr>
<td>Double Major/Extended Major/Specialisation unit</td>
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<tr>
<th>Year 2, Semester 2</th>
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</thead>
<tbody>
<tr>
<td>AMB221 Advertising Copywriting</td>
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<tr>
<td>BSB111 Business Law and Ethics</td>
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<tr>
<td>BSB113 Economics</td>
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<tr>
<td>Double Major/Extended Major/Specialisation unit</td>
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<thead>
<tr>
<th>Year 3, Semester 1</th>
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<tbody>
<tr>
<td>AMB320 Advertising Management</td>
</tr>
<tr>
<td>Double Major/Extended Major/Specialisation unit</td>
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<td>Elective unit</td>
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<tr>
<th>Year 3, Semester 2</th>
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<tbody>
<tr>
<td>AMB321 Advertising Campaigns</td>
</tr>
<tr>
<td>Double Major/Extended Major/Specialisation unit</td>
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<td>Elective unit</td>
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**Part-time Course Structure**

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
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<tbody>
<tr>
<td>BSB122 Business Information Analysis and Communication</td>
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<tr>
<td>BSB126 Marketing</td>
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</tbody>
</table>
**Year 1, Semester 2**
- BSB114 Government, Business and Society
- BSB119 International and Electronic Business

**Year 2, Semester 1**
- AMB200 Consumer Behaviour
- AMB220 Advertising Theory and Practice

**Year 2, Semester 2**
- BSB115 Management, People and Organisations
- Double Major/Extended Major/Specialisation unit

**Year 3, Semester 1**
- AMB222 Media Planning
- Double Major/Extended Major/Specialisation unit

**Year 3, Semester 2**
- AMB221 Advertising Copywriting
- BSB110 Accounting

**Year 4, Semester 1**
- BSB113 Economics
- Double Major/Extended Major/Specialisation unit

**Year 4, Semester 2**
- AMB320 Advertising Management
- BSB111 Business Law and Ethics

**Year 5, Semester 1**
- AMB321 Advertising Campaigns

**Year 5, Semester 2**
- Double Major/Extended Major/Specialisation unit

**Year 6, Semester 1**
- Double Major/Extended Major/Specialisation unit

**Year 6, Semester 2**
- Elective unit

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**Full-time Extended Major in Advertising**

**Year 1, Semester 1**
- BSB114 Government, Business and Society
- BSB119 International and Electronic Business
- BSB122 Business Information Analysis and Communication
- BSB126 Marketing

**Year 1, Semester 2**
- AMB200 Consumer Behaviour
- AMB220 Advertising Theory and Practice
- BSB115 Management, People and Organisations
- AMB230 Internet Promotion

**Year 2, Semester 1**
- AMB222 Media Planning
- BSB110 Accounting

**Year 2, Semester 2**
- AMB221 Advertising Copywriting
- AMB231 Marketing Communications Regulations and Ethics
- BSB111 Business Law and Ethics
- BSB113 Economics

**Year 3, Semester 1**
- AMB320 Advertising Management
- AMB330 Advertising Strategy and Planning
- AMB331 Direct Marketing

**Year 3, Semester 2**
- Elective unit

**Year 4, Semester 1**
- AMB331 Advertising Campaigns
- AMB330 Advertising Strategy and Planning

**Year 4, Semester 2**
- Elective unit

**Year 5, Semester 2**
- Elective unit

**Year 6, Semester 2**
- Elective unit

*Any unit offered by the School of Advertising, Marketing and Public Relations.

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**Bachelor of Business (Banking and Finance) (BS56)**

**Award title:** Bachelor of Business (Banking and Finance)

**CRICOS code:** 003491G

**Location:** Gardens Point

**Course duration (full-time):** 3 years

**Course duration (part-time):** 6 years

**Total credit points:** 288

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

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

**Course coordinator:** Mr Andrew Paltridge

**Discipline coordinator:** Mr Scott McCarthy

**BS56 Course Notes**

See BS56 Course Notes entry for information about the course design and definitions.

**Other Majors**

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

**Professional Membership**

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

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

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

**Course Combinations**

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

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

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

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

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

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

**Full-time Course Structure**

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

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

### Year 2, Semester 1
- BSB111 Business Law and Ethics
- BSB114 Government, Business and Society
- EFB210 Finance 1

### Year 2, Semester 2
- EFB307 Finance 2
- Elective unit

### Year 3, Semester 1
- EFB201 Financial Markets
- Double Major/Extended Major/Specialisation unit
- Elective unit

### Year 3, Semester 2
- EFB312 International Finance and Economics

### Part-time Course Structure

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

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

#### Year 2, Semester 1
- BSB114 Government, Business and Society
- BSB126 Marketing

#### Year 2, Semester 2
- BSB110 Accounting
- BSB122 Business Information Analysis and Communication

#### Year 3, Semester 1
- BSB111 Business Law and Ethics
- EFB210 Finance 1

#### Year 3, Semester 2
- EFB307 Finance 2
- Elective unit

#### Year 4, Semester 1
- EFB307 Finance 2
- Elective unit

#### Year 5, Semester 1
- EFB201 Financial Markets
- Double Major/Extended Major/Specialisation unit

#### Year 5, Semester 2
- Elective unit

#### Year 6, Semester 1
- Double Major/Extended Major/Specialisation unit
- Elective unit

#### Year 6, Semester 2
- EFB312 International Finance and Economics
- Double Major/Extended Major/Specialisation unit

### Full-time Extended Major in Banking

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

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

#### Year 2, Semester 1
- BSB111 Business Law and Ethics
- BSB114 Government, Business and Society
- EFB210 Finance 1

#### Year 2, Semester 2
- AYB225 Management Accounting
- EFB307 Finance 2
- Elective unit

#### Year 3, Semester 1
- AYB312 Financial Institutions Law
- EFB201 Financial Markets
- EFB311 Financial Institutions - Lending

#### Year 3, Semester 2
- EFB310 Financial Institutions - Control
- EFB312 International Finance and Economics

#### Bankeating Extended Major List

Choose two of the following units:
- EFB200 Applied Regression Analysis
- EFB308 Finance 3
- EFB309 Financial Derivatives
- EFB318 Portfolio and Security Analysis
EFB326 Applied Portfolio Management

**Part-time Extended Major in Banking**

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

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

*Year 2, Semester 1*
- BSB114 Government, Business and Society
- BSB116 Accounting
- BSB122 Business Information Analysis and Communication

*Year 3, Semester 1*
- BSB111 Business Law and Ethics
- EFB210 Finance 1

*Year 3, Semester 2*
- AYB225 Management Accounting
- EFB101 Data Analysis for Business

*Year 4, Semester 1*
- EFB307 Finance 2

*Year 4, Semester 2*
- Banking Extended Major unit
- Elective unit

*Year 5, Semester 1*
- EFB201 Financial Markets
- EFB311 Financial Institutions - Lending

*Year 5, Semester 2*
- Banking Extended Major unit
- Elective unit

*Year 6, Semester 1*
- AYB312 Financial Institutions Law
- Elective unit

*Year 6, Semester 2*
- EFB310 Financial Institutions - Control
- EFB312 International Finance and Economics

**Banking Extended Major List**
Choose two of the following units:

- EFB200 Applied Regression Analysis
- EFB308 Finance 3
- EFB309 Financial Derivatives
- EFB318 Portfolio and Security Analysis
- EFB326 Applied Portfolio Management

**Full-time Extended Major in Financial Economics**

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

*Year 1, Semester 2*
- BSB115 Management, People and Organisations
- EFB101 Data Analysis for Business
- EFB102 Economics 2

*Year 2, Semester 1*
- BSB111 Business Law and Ethics
- EFB202 Business Cycles and Economic Growth
- EFB210 Finance 1
- EFB211 Firms, Markets and Resources

*Year 2, Semester 2*
- BSB114 Government, Business and Society
- EFB307 Finance 2
- EFB325 Financial Microeconomics

*Year 3, Semester 1*
- EFB201 Financial Markets
- EFB318 Portfolio and Security Analysis

*Year 3, Semester 2*
- EFB210 Finance 1
- EFB308 Finance 3
- EFB309 Financial Derivatives

**Financial Economics Extended Major**

Choose one from the following:

- EFB200 Applied Regression Analysis
- EFB308 Finance 3
- EFB309 Financial Derivatives
- EFB318 Portfolio and Security Analysis

**Part-time Extended Major in Financial Economics**

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

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

*Year 2, Semester 1*
- BSB114 Government, Business and Society
- BSB126 Marketing

*Year 2, Semester 2*
- BSB110 Accounting
- BSB122 Business Information Analysis and Communication

*Year 3, Semester 1*
- EFB210 Finance 1
- EFB211 Firms, Markets and Resources

*Year 3, Semester 2*
- EFB101 Data Analysis for Business
- EFB325 Financial Microeconomics

*Year 4, Semester 1*
- EFB202 Business Cycles and Economic Growth
- EFB307 Finance 2

*Year 4, Semester 2*
- Elective unit
- Elective unit

*Year 5, Semester 1*
- EFB201 Financial Markets
- EFB324 Macroeconomics and Global Financial Markets

*Year 5, Semester 2*
- Elective unit
- Elective unit

*Year 6, Semester 1*
- Financial Economics Extended Major unit
- Elective unit

*Year 6, Semester 2*
- Financial Economics Extended Major unit
- Elective unit

**Financial Economics Extended Major List**
Choose one of the following units:

- EFB200 Applied Regression Analysis
- EFB308 Finance 3
- EFB309 Financial Derivatives
- EFB318 Portfolio and Security Analysis

**Full-time Extended Major in Funds Management**

*Year 1, Semester 1*
- BSB113 Economics
- BSB119 International and Electronic Business
- BSB122 Business Information Analysis and Communication

*Year 1, Semester 2*
- BSB116 Accounting
- BSB115 Management, People and Organisations
- EFB101 Data Analysis for Business
- EFB102 Economics 2

*Year 2, Semester 1*
- EFB202 Business Cycles and Economic Growth
- EFB210 Finance 1
- AYB225 Management Accounting

*Year 2, Semester 2*
- EFB307 Finance 2
- Elective unit

*Year 3, Semester 1*
- EFB201 Financial Markets
- EFB318 Portfolio and Security Analysis

*Year 3, Semester 2*
- EFB308 Finance 3
- EFB309 Financial Derivatives
EFB312 International Finance and Economics
Elective unit

**Funds Management Extended Major List**

Choose two of the following units:
- AYB312 Financial Institutions Law
- EFB200 Applied Regression Analysis
- EFB310 Financial Institutions - Control
- EFB311 Financial Institutions - Lending
- EFB326 Applied Portfolio Management

**Part-time Extended Major in Funds Management**

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

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

**Year 2, Semester 1**
- BSB114 Government, Business and Society
- BSB126 Marketing

**Year 2, Semester 2**
- BSB110 Accounting
- BSB122 Business Information Analysis and Communication

**Year 3, Semester 1**
- BSB111 Business Law and Ethics
- EFB210 Finance 1

**Year 3, Semester 2**
- AYB225 Management Accounting
- EFB101 Data Analysis for Business

**Year 4, Semester 1**
- EFB307 Finance 2
  - Elective unit

**Year 4, Semester 2**
- Funds Management Extended Major unit
  - Elective unit

**Year 5, Semester 1**
- EFB201 Financial Markets
- EFB318 Portfolio and Security Analysis

**Year 5, Semester 2**
- EFB312 International Finance and Economics
  - Elective unit

**Year 6, Semester 1**
- Funds Management Extended Major unit
  - Elective unit

**Year 6, Semester 2**
- EFB308 Finance 3
- EFB309 Financial Derivatives

**Funds Management Extended Major List**

Choose two of the following units:
- AYB312 Financial Institutions Law
- EFB200 Applied Regression Analysis
- EFB310 Financial Institutions - Control
- EFB311 Financial Institutions - Lending
- EFB326 Applied Portfolio Management

### Bachelor of Business (Economics) (BS56)

**Award title:** Bachelor of Business (Economics)

**CRICOS code:** 003491G

**Location:** Gardens Point

**Course duration (full-time):** 3 years

**Course duration (part-time):** 6 years

**Total credit points:** 288

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

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

**Course coordinator:** Mr Andrew Paltridge

**Discipline coordinator:** Mr Eugene McCann

### BS56 Course Notes

See BS56 Course Notes entry for information about the course design and definitions.

**Other Majors**

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

### Professional Membership

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

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

### Course Combinations

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

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

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

### Full-time Course structure

**Year 1, Semester 1**
- BSB119 International and Electronic Business
- BSB113 Economics
- BSB122 Business Information Analysis and Communication
- EFB102 Economics 2

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

**Year 2, Semester 1**
- BSB111 Business Law and Ethics
- EFB211 Firms, Markets and Resources
- Double Major/Extended Major/Specialisation unit

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

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

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

### Part-time Course Structure

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

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

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

**Year 2, Semester 2**
- BSB110 Accounting
### Course structure - Extended Major in Financial Economics

#### Year 1, Semester 1
- BSB13  Economics
- BSB19  International and Electronic Business
- BSB22  Business Information Analysis and Communication
- BSB26  Marketing

#### Year 1, Semester 2
- BSB10  Accounting
- BSB15  Management, People and Organisations
- EFB101  Data Analysis for Business
- EFB102  Economics 2

#### Year 2, Semester 1
- BSB11  Business Law and Ethics
- EFB202  Business Cycles and Economic Growth
- EFB211  Firms, Markets and Resources
- EFB210  Finance 1

#### Year 2, Semester 2
- BSB14  Government, Business and Society
- EFB314  International Trade and Economic Competitiveness
- EFB323  Financial and Monetary Economics

#### Year 3, Semester 1
- EFB202  Business Cycles and Economic Growth
- EFB211  Firms, Markets and Resources
- Year 3, Semester 2
- EFB314  International Trade and Economic Competitiveness
- EFB323  Financial and Monetary Economics

#### Year 4, Semester 1
- BSB111  Business Law and Ethics
- EFB210  Finance 1

#### Year 4, Semester 2
- EFB101  Data Analysis for Business
- EFB325  Financial Microeconomics

#### Year 5, Semester 1
- EFB324  Macroeconomics and Global Financial Markets
- Financial Economics Extended Major Unit

#### Year 5, Semester 2
- EFB326  Applied Portfolio Management
- Financial Economics Extended Major Unit

#### Year 6, Semester 1
- Elective
- Elective

#### Year 6, Semester 2
- Elective
- Elective

**Financial Economics Extended Major List**

Choose two from the following units:

- EFB200  Applied Regression Analysis
- EFB201  Financial Markets
- EFB327  Econometrics of Financial Markets
- EFB328  Public Economics and Finance

### Bachelor of Business (Electronic Business) (BS56)

**Award title:** Bachelor of Business (Electronic Business)

**CRICOS code:** 003491G

**Location:** Gardens Point

**Course duration (full-time):** 3 years

**Course duration (part-time):** 6 years

**Total credit points:** 288

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

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

**Course coordinator:** Mr Andrew Paltridge

**Discipline coordinator:** A/Prof Peter Best

### BS56 Course Notes

See BS56 Course Notes entry for information about the course design and definitions.

### Other Majors

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

### Professional Membership

Students completing the Bachelor of Business (Electronic Business) with a double major in Accountancy may meet the academic requirements of CPA Australia and the Institute of Chartered Accountants in Australia by undertaking specified QUT units (normally four) as general electives in the course program. (Note that students with advanced standing (ie academic credit) may be required to undertake additional studies in order to meet professional body requirements. Students must also comply with CPA Australia policy on conceded and terminal passes).

### Course Design

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

### Course structure - Full-time

#### Year 1, Semester 1
- BSB111  Business Law and Ethics
BUSINESS

| BSB119 | International and Electronic Business |
| BSB122 | Business Information Analysis and Communication |
| BSB126 | Marketing |

**Year 1, Semester 2**

| BSB110 | Accounting |
| BSB113 | Economics |
| BSB115 | Management, People and Organisations |
| ITB825 | Electronic Business Information Systems |

**Year 2, Semester 1**

| BSB114 | Government, Business and Society |
| BSB212 | Electronic Business Applications |

- **Double major unit**
- **Elective**

**Year 2, Semester 2**

| BSB213 | Legal Issues in Electronic Business |

- **Double major unit**
- **Elective**

**Year 3, Semester 1**

| MGB334 | Managing in a Changing Environment |

- **Double major unit**
- **Elective**

**Year 3, Semester 2**

| BSB314 | E-Business Intelligence |

- **Double major unit**
- **Elective**
- **Elective**

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

**Course structure - Part-time**

**Year 1, Semester 1**

| BSB111 | Business Law and Ethics |
| BSB119 | International and Electronic Business |

**Year 1, Semester 2**

| BSB122 | Business Information Analysis and Communication |
| BSB126 | Marketing |

**Year 2, Semester 1**

| BSB110 | Accounting |
| BSB113 | Economics |

**Year 2, Semester 2**

| BSB115 | Management, People and Organisations |
| ITB825 | Electronic Business Information Systems |

**Year 3, Semester 1**

| BSB114 | Government, Business and Society |
| BSB212 | Electronic Business Applications |

**Year 3, Semester 2**

| Double Major Unit |

- **Elective**

**Year 4, Semester 1**

| Double Major Unit |

- **Elective**

**Year 4, Semester 2**

| BSB213 | Legal Issues in Electronic Business |

- **Double Major Unit**
- **Elective**

**Year 5, Semester 1**

| MGB334 | Managing in a Changing Environment |

- **Double Major Unit**

**Year 5, Semester 2**

| BSB314 | E-Business Intelligence |

- **Double Major Unit**

**Year 6, Semester 1**

| Double Major unit |

- **Elective**

**Year 6, Semester 2**

| Double Major unit |

- **Elective**

- **Elective**

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

**Electronic Business Elective Unit List**

| AMB230 | Internet Promotion |
| AYB221 | Computerised Accounting Systems |
| IBB303 | International Logistics |
| ITB233 | Enterprise Systems Applications |
| ITB823 | Web Sites For Electronic Commerce |

| ITB114 | Networking Systems |
| MGB216 | Managing Technology, Innovation and Knowledge |
| MGB304 | Human Resource Information Management |

**Bachelor of Business (Human Resource Management) (BS56)**

**Award title:** Bachelor of Business (Human Resource Management)

**CRICOS code:** 003491G

**Location:** Gardens Point and Carseldine

**Course duration (full-time):** 3 years

**Course duration (part-time):** 6 years

**Total credit points:** 288

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

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

**Course coordinator:** Mr Andrew Paltridge

**Discipline coordinator:** Dr Kate Hutchings

**BS56 Course Notes**

See BS56 Course Notes entry for information about the course design and definitions.

**Other Majors**

See also separate entries for the following majors in this course: Accountancy, Advertising, Banking and Finance, Economics, Electronic Business, International Business, Management, Marketing, and Public Relations.

**Professional Membership**

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

**Full-time Course Structure**

**Year 1, Semester 1**

| BSB115 | Management, People and Organisations |
| BSB119 | International and Electronic Business |
| BSB122 | Business Information Analysis and Communication |
| BSB126 | Marketing |

**Year 1, Semester 2**

| BSB114 | Government, Business and Society |
| MGB207 | Human Resource Issues and Strategy |
| MGB220 | Management Research Methods |
| MGB222 | Managing Organisations |

**Year 2, Semester 1**

| MGB211 | Organisational Behaviour |

- **Double Major/Extended Major/Specialisation unit**
- **Double Major/Extended Major/Specialisation unit**

- **Elective unit**

**Year 2, Semester 2**

| BSB110 | Accounting |
| BSB113 | Economics |

- **Double Major/Extended Major/Specialisation unit**

- **Double Major/Extended Major/Specialisation unit**

**Year 3, Semester 1**

| MGB314 | Organisational Consulting and Change |

- **Elective unit**

- **Elective unit**

**Year 3, Semester 2**

| BSB111 | Business Law and Ethics |
| MGB309 | Strategic Management |

- **Double Major/Extended Major/Specialisation unit**

- **Double Major/Extended Major/Specialisation unit**

*The unit MGB220 Management Research Methods and AMB201 Market and Audience Research are incompatible units. Students undertaking Marketing or Public Relations as a double major should contact the school for enrolment advice. From Semester 2, 2003 students who complete both MGB220 & AMB201 will be required to undertake an approved substitute unit to satisfy course requirements.

**Part-time Course Structure**

**Year 1, Semester 1**

| BSB113 | Economics |
| BSB114 | Government, Business and Society |
Year 1, Semester 2
BSB115 Management, People and Organisations
BSB122 Business Information Analysis and Communication

Year 2, Semester 1
MGB220 Management Research Methods
MGB222 Managing Organisations

Year 2, Semester 2
BSB119 International and Electronic Business
MGB211 Organisational Behaviour

Year 3, Semester 1
BSB110 Accounting
MGB207 Human Resource Issues and Strategy

Year 3, Semester 2
BSB126 Marketing
MGB314 Organisational Consulting and Change

Year 4, Semester 1
BSB111 Business Law and Ethics

Year 4, Semester 2
Double Major/Extended Major/Specialisation Unit
Elective unit

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

Year 5, Semester 2
Double Major/Extended Major/Specialisation unit
Elective unit

Year 6, Semester 1
MGB309 Strategic Management
Elective unit

Year 6, Semester 2
Double Major/Extended Major/Specialisation Unit
Elective unit

*The unit MGB220 Management Research Methods and AMB201 Market and Audience Research are incompatible units. Students undertaking Marketing or Public Relations as a double major should contact the school for enrolment advice. From semester 2, 2003 students who complete both AMB201 & MGB220 will be required to undertake an approved substitute unit to satisfy course requirements.

Full-time Extended Major in Human Resource Management

Year 1, Semester 1
BSB115 Management, People and Organisations
BSB119 International and Electronic Business
BSB122 Business Information Analysis and Communication
BSB126 Marketing

Year 1, Semester 2
BSB114 Government, Business and Society
MGB207 Human Resource Issues and Strategy
MGB220 Management Research Methods
MGB222 Managing Organisations

Year 2, Semester 1
MGB201 The Legal Context of Employment Relations
MGB221 Performance and Reward
Elective unit

Year 2, Semester 2
BSB110 Accounting
BSB113 Economics
MGB331 Training and Development
MGB320 Recruitment and Selection

Year 3, Semester 1
MGB314 Organisational Consulting and Change
Elective unit
Elective unit

Year 3, Semester 2
BSB111 Business Law and Ethics
MGB309 Strategic Management
MGB315 Personal and Professional Development
MGB304 Human Resource Information Management

Part-time Extended Major in Human Resource Management

Year 1, Semester 1
BSB113 Economics
BSB114 Government, Business and Society

Year 1, Semester 2
BSB115 Management, People and Organisations
BSB122 Business Information Analysis and Communication

Year 2, Semester 1
MGB220 Management Research Methods
MGB222 Managing Organisations

Year 2, Semester 2
BSB119 International and Electronic Business
MGB211 Organisational Behaviour

Year 3, Semester 1
BSB110 Accounting
MGB207 Human Resource Issues and Strategy

Year 3, Semester 2
BSB126 Marketing
MGB314 Organisational Consulting and Change

Year 4, Semester 1
BSB111 Business Law and Ethics
MGB221 Performance and Reward

Year 4, Semester 2
MGB320 Recruitment and Selection
Elective unit

Year 5, Semester 1
MGB201 The Legal Context of Employment Relations
MGB315 Personal and Professional Development

Year 5, Semester 2
MGB331 Training and Development
Elective unit

Year 6, Semester 1
MGB309 Strategic Management
Elective unit

Year 6, Semester 2
MGB304 Human Resource Information Management
Elective unit

Bachelor of Business (International Business) (BS56)
Award title: Bachelor of Business (International Business)
CRICOS code: 003491G
Location: Gardens Point
Course duration (full-time): 3 years
Course duration (part-time): 6 years
Total credit points: 288
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Mr Andrew Paltridge
Discipline coordinator: Mr Thomas Cronk

BS56 Course Notes
See BS56 Course Notes entry for information about the course design and definitions.

Other Majors
See also separate entries for the following majors in this course: Accountancy, Advertising, Banking and Finance, Economics, Electronic Business, Human Resource Management, Management, Marketing, and Public Relations.

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

Languages Option
The course structure for both full-time and part-time International Business students varies depending on whether languages are selected as an option. Alternative course structures are included: one outlines the course structure if no languages are taken, the other outlines the structure for those who wish to undertake a language specialisation. If languages are taken as a specialisation, language units should commence in the first semester of the first year to maintain continuity from earlier pre-QUT language studies. All language units must normally be taken in the same language. International students must take a language that is not their native tongue.

Discipline: Business
Full-time Course Structure

Year 1, Semester 1
- BSB113 Economics
- BSB115 Management, People and Organisations
- BSB119 International and Electronic Business
- BSB126 Marketing

Year 1, Semester 2
- BSB114 Government, Business and Society
- BSB122 Business Information Analysis and Communication
- IBB202 Business and the World Economy
- IBB211 Globalisation and Business

Year 2, Semester 1
- BSB110 Accounting
- BSB111 Business Law and Ethics
- IBB210 Export Management
- Area Study 1

Year 2, Semester 2
- Area Study 2
- Double Major/Extended Major/ Specialisation Unit

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

Year 3, Semester 2
- IBB300 International Business Strategy
  - Double Major/Extended Major/ Specialisation Unit
- Elective unit

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

Part-time Course Structure

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

Year 1, Semester 2
- BSB110 Accounting
- BSB115 Management, People and Organisations

Year 2, Semester 1
- BSB113 Economics
- BSB126 Marketing

Year 2, Semester 2
- IBB202 Business and the World Economy
- IBB211 Globalisation and Business

Year 3, Semester 1
- IBB210 Export Management
  - Double Major/Extended Major/ Specialisation Unit

Year 3, Semester 2
- BSB110 Accounting
- BSB111 Business Law and Ethics
- IBB210 Export Management
  - Area Study 1

Year 4, Semester 1
- BSB115 Management, People and Organisations
- IBB202 Business and the World Economy
- IBB211 Globalisation and Business
  - Language 1

Area Study Options

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

Course Structure - Language Specialisation

Year 1, Semester 1
- BSB113 Economics
- BSB119 International and Electronic Business
- BSB126 Marketing

Year 1, Semester 2
- BSB115 Management, People and Organisations
- IBB202 Business and the World Economy
- IBB211 Globalisation and Business
  - Language 2

Year 2, Semester 1
- BSB114 Government, Business and Society
- IBB210 Export Management
  - Area Study 1
  - Language 3

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

Year 3, Semester 1
- BSB110 Accounting
- IBB300 International Business Strategy
Elective unit
PLUS ONE OF THE FOLLOWING:
Language 5
OR
IBB205 Cross-Cultural Communication and Negotiation

**Year 3, Semester 2**

BSB111 Business Law and Ethics
Elective unit
Elective unit
PLUS ONE OF THE FOLLOWING:
Language 6
OR
International Business Elective unit (IBB2xx or IBB3xx)

**Area Study Options**

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

**List of Languages**

French
German
Indonesian
Japanese

The same language must be studied for at least four levels.
International students must take a language that is not their native tongue

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**Part-time Extended Major in International Business Analysis**

**Year 1, Semester 1**

BSB114 Government, Business and Society
BSB119 International and Electronic Business

**Year 1, Semester 2**

BSB110 Accounting
BSB115 Management, People and Organisations

**Year 2, Semester 1**

BSB113 Economics
BSB126 Marketing

**Year 2, Semester 2**

IBB202 Business and the World Economy
IBB211 Globalisation and Business

**Year 3, Semester 1**

IBB210 Export Management
IBB304 Global Industry Analysis

**Year 3, Semester 2**

BSB111 Business Law and Ethics
IBB213 International Marketing

**Year 4, Semester 1**

BSB122 Business Information Analysis and Communication

**Year 4, Semester 2**

IBB300 International Business Strategy

**Year 5, Semester 1**

IBB210 Export Management
Area Study 1

**Year 5, Semester 2**

IBB300 International Business Strategy
Area Study 2

**Year 6, Semester 1**

BSB110 Accounting
Elective unit

**Year 6, Semester 2**

Elective unit
Elective unit

**Area Study Options**

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

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### Bachelor of Business (Management) (BS56)

**Award title:** Bachelor of Business (Management)

**CRICOS code:** 003491G

**Location:** Gardens Point and Carseldine

**Course duration (full-time):** 3 Years

**Course duration (part-time):** 6 Years

**Total credit points:** 288

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

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

**Course coordinator:** Mr Andrew Paltridge

**Discipline coordinator:** Prof Robert Waldersee

**BS56 Course Notes**

See BS56 Course Notes entry for information about the course design and definitions.
Other Majors
See also separate entries for the following majors in this course:

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

Full-time - Course structure

Year 1, Semester 1
BSB115 Management, People and Organisations
BSB119 International and Electronic Business
BSB122 Business Information Analysis and Communication
BSB126 Marketing

Year 1, Semester 2
BSB113 Economics
BSB114 Government, Business and Society
MGB220 Management Research Methods
MGB222 Managing Organisations

Year 2, Semester 1
MGB210 Production and Service Management
MGB211 Organisational Behaviour
Double Major/Extended Major/Specialisation Unit
Elective unit

Year 2, Semester 2
BSB110 Accounting
MGB334 Managing in a Changing Environment
Double Major/Extended Major/Specialisation Unit
Elective unit

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

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

Year 4, Semester 1

Year 4, Semester 2
MGB334 Managing in a Changing Environment
Double Major/Extended Major/Specialisation Unit
Elective unit

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

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

Year 6, Semester 1
MGB309 Strategic Management
Double Major/Extended Major/Specialisation Unit

Year 6, Semester 2
Elective unit

Course structure - Extended Major in Management

Year 1, Semester 1
BSB115 Management, People and Organisations
BSB119 International and Electronic Business
BSB122 Business Information Analysis and Communication
BSB126 Marketing

Year 1, Semester 2
BSB113 Economics
BSB114 Government, Business and Society
MGB220 Management Research Methods
MGB222 Managing Organisations

Year 2, Semester 1
MGB210 Production and Service Management
MGB211 Organisational Behaviour
MGB216 Managing Technology, Innovation and Knowledge
Elective

Year 2, Semester 2
BSB110 Accounting
MGB334 Managing in a Changing Environment
Extended Major Option Unit
Elective

Year 3, Semester 1
MGB314 Organisational Consulting and Change
MGB312 Negotiation Skills
Extended Major Option Unit
Elective

Year 3, Semester 2
BSB111 Business Law and Ethics
MGB309 Strategic Management
MGB315 Personal and Professional Development
Elective

Extended Major Option Units
Students need to complete, either:
ITB233 Enterprise Systems Applications OR
MGB335 Project Management AND either:
MGB218 Venture Skills OR
MGB223 Creating New Enterprises

Part-time Extended Major in Management

Year 1, Semester 1
BSB113 Economics
BSB114 Government, Business and Society

Year 1, Semester 2
BSB115 Management, People and Organisations
BSB122 Business Information Analysis and Communication

Year 2, Semester 1
MGB220 Management Research Methods
MGB222 Managing Organisations

Year 2, Semester 2
BSB119 International and Electronic Business
MGB211 Organisational Behaviour

Year 3, Semester 1
BSB110 Accounting
MGB216 Managing Technology, Innovation and Knowledge

Year 3, Semester 2
BSB126 Marketing

Year 4, Semester 1
BSB111 Business Law and Ethics
MGB334 Managing in a Changing Environment
Bachelor of Business (Marketing) (BS56)

Award title: Bachelor of Business (Marketing)
CRICOS code: 005491G
Location: Gardens Point
Course duration (full-time): 3 years
Course duration (part-time): 6 years
Total credit points: 288
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Mr Andrew Paltridge
Discipline coordinator: Ms Cathy Neal

BS56 Course Notes
See BS56 Course Notes entry for information about the course design and definitions.

Other Majors

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

Full-time Course Structure

Year 1, Semester 1
- BSB114 Government, Business and Society
- BSB119 International and Electronic Business
- BSB122 Business Information Analysis and Communication
- BSB126 Marketing

Year 1, Semester 2
- AMB200 Consumer Behaviour
- AMB240 Marketing Planning and Management
- BSB115 Management, People and Organisations
- BSB119 International and Electronic Business

Year 2, Semester 1
- AMB201 Marketing and Audience Research
- BSB110 Accounting
- BSB119 International and Electronic Business

Year 2, Semester 2
- AMB241 E-Marketing Strategies
- BSB111 Business Law and Ethics
- BSB113 Economics

Year 3, Semester 1
- AMB340 Services Marketing
- BSB114 Government, Business and Society
- BSB119 International and Electronic Business

Year 3, Semester 2
- AMB201 Marketing and Audience Research
- BSB114 Government, Business and Society
- BSB119 International and Electronic Business

Year 4, Semester 1
- AMB241 E-Marketing Strategies
- BSB114 Government, Business and Society
- BSB119 International and Electronic Business

Year 4, Semester 2
- AMB240 Marketing Planning and Management
- BSB115 Management, People and Organisations

Year 5, Semester 1
- AMB241 E-Marketing Strategies
- BSB111 Business Law and Ethics
- BSB113 Economics

Year 6, Semester 1
- AMB201 Marketing and Audience Research
### Part-time Extended Major in Marketing

**Year 1, Semester 1**
- BSB122 Business Information Analysis and Communication
- AMB261 Marketing

**Year 1, Semester 2**
- BSB114 Government, Business and Society
- BSB119 International and Electronic Business

**Year 2, Semester 1**
- AMB200 Consumer Behaviour
- AMB240 Marketing Planning and Management

**Year 2, Semester 2**
- BSB115 Management, People and Organisations
- AMB341 Strategic Marketing

**Year 3, Semester 1**
- AMB110 Accounting
- AMB201 Marketing and Audience Research

**Year 4, Semester 1**
- AMB241 E-Marketing Strategies
- BSB111 Business Law and Ethics

**Year 4, Semester 2**
- AMB340 Services Marketing
- BSB113 Economics

**Year 5, Semester 1**
- AMB341 Strategic Marketing

**Year 5, Semester 2**
- AMB201 Marketing and Audience Research

**Year 6, Semester 1**
- AMB201 Marketing and Audience Research

**Year 6, Semester 2**
- Elective unit

### Marketing Extended Major Units

- AMB202 Integrated Marketing Communication
- AMB220 Advertising Theory and Practice
- AMB250 Business to Business Marketing
- AMB261 Media Relations and Publicity
- AMB251 Innovation and Market Development
- AMB260 Public Relations Theory and Practice
- AMB310 Internship
- AMB330 Relationship and Sales Management
- AMB351 Tourism Marketing
- AMB352 Marketing Decision Making
- AMB353 Retail Marketing
- AMB354 Events Marketing
- IBB213 International Marketing

**Discipline coordinator:** Ms Robina Xavier

### Full-time Course Structure

**Year 1, Semester 1**
- BSB114 Government, Business and Society
- BSB119 International and Electronic Business
- BSB122 Business Information Analysis and Communication
- BSB126 Marketing

**Year 1, Semester 2**
- BSB115 Management, People and Organisations
- AMB260 Public Relations Theory and Practice
- BSB111 Business Law and Ethics
- BSB113 Economics

**Year 2, Semester 1**
- AMB201 Marketing and Audience Research
- AMB261 Media Relations and Publicity
- BSB110 Accounting
- AMB201 Marketing and Audience Research

**Year 2, Semester 2**
- AMB262 Public Relations Writing
- BSB111 Business Law and Ethics
- BSB113 Economics

**Year 3, Semester 1**
- AMB360 Corporate Communication Management
- BSB110 Accounting
- AMB361 Public Relations Campaigns
- BSB111 Business Law and Ethics

**Year 3, Semester 2**
- AMB361 Public Relations Campaigns
- Double Major/Extended Major/Specialisation unit

**Year 4, Semester 1**
- AMB320 Market and Audience Research
- Double Major/Extended Major/Specialisation unit

**Year 4, Semester 2**
- AMB360 Corporate Communication Management
- Double Major/Extended Major/Specialisation unit
- Elective unit

**Year 5, Semester 1**
- AMB201 Marketing and Audience Research
- Double Major/Extended Major/Specialisation unit
- Elective unit

**Year 5, Semester 2**
- AMB260 Public Relations Theory and Practice
- Double Major/Extended Major/Specialisation unit

**Year 6, Semester 1**
- AMB260 Public Relations Theory and Practice
- Double Major/Extended Major/Specialisation unit

**Year 6, Semester 2**
- Elective unit

### Professional Membership

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

### Other Majors

**BUSINESS**

BSB113  Economics

**Year 5, Semester 1**
AMB361  Public Relations Campaigns
Double Major/Extended Major/Specialisation unit

**Year 5, Semester 2**
Double Major/Extended Major/Specialisation unit
Elective unit

**Year 6, Semester 1**
Double Major/Extended Major/Specialisation unit
Elective unit

**Year 6, Semester 2**
Elective unit
Elective unit

*The unit MGB220 Management Research Methods and AMB201 Market and Audience Research are incompatible units. Students undertaking Management or HRM as a double major should contact the school for enrolment advice. From semester 2, 2003 students who complete both AMB201 & MGB220 will be required to undertake an approved substitute unit to satisfy course requirements.

**Full-time Extended Major in Public Relations**

**Year 1, Semester 1**
BSB114  Government, Business and Society
BSB119  International and Electronic Business
BSB122  Business Information Analysis and Communication
BSB126  Marketing

**Year 1, Semester 2**
AMB260  Public Relations Theory and Practice
BSB115  Management, People and Organisations
Extended Major unit*

**Year 2, Semester 1**
AMB201  Marketing and Audience Research
AMB202  Integrated Marketing Communication
AMB261  Media Relations and Publicity
BSB110  Accounting

**Year 2, Semester 2**
AMB262  Public Relations Writing
BSB111  Business Law and Ethics
BSB113  Economics
Extended Major unit*

**Year 3, Semester 1**
AMB360  Corporate Communication Management
AMB370  Public Relations Cases
Elective unit
Elective unit

**Year 3, Semester 2**
AMB361  Public Relations Campaigns
AMB371  Corporate Communication Strategies
Elective unit
Elective unit

*Any unit offered by the School of Advertising, Marketing and Public Relations.

**Part-time Extended Major in Public Relations**

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

**Year 1, Semester 2**
BSB114  Government, Business and Society
BSB119  International and Electronic Business

**Year 2, Semester 1**
AMB202  Integrated Marketing Communication
AMB260  Public Relations Theory and Practice

**Year 2, Semester 2**
AMB261  Media Relations and Publicity
BSB115  Management, People and Organisations

**Year 3, Semester 1**
BSB110  Accounting
Extended Major unit*

**Year 3, Semester 2**
AMB201  Marketing and Audience Research
Extended Major unit*

**Year 4, Semester 1**
AMB262  Public Relations Writing
BSB111  Business Law and Ethics

**Year 4, Semester 2**
AMB360  Corporate Communication Management
BSB113  Economics
Section Three – Course Information

Creative Industries

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OVERVIEW
QUT Creative Industries has a distinctive reputation, nationally and throughout the Asia-Pacific region, for its strong vocational focus, links with industry, and breadth of course offerings throughout a growing and changing industry sector.

Exciting creative industries study areas include:
• Communication Design
• Creative Writing and Cultural Studies
• Dance
• Drama
• Fashion
• Film and Television
• Journalism
• Media Communication
• Music and Sound
• Visual Arts

With common core creative industries studies covering critical knowledge and skills, four types of degree programs are offered:
• studio/practice-based Bachelor of Fine Arts in the performing, creative and media production areas
• professional Bachelor degrees with a strong applied industry focus
• inter-faculty Bachelor degrees, the accelerated double degrees with the faculties of Education, Business, Law and information Technology
• a new interdisciplinary Bachelor of Creative Industries

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

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

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

• Strong international links with Asia, the United States and Europe broaden students’ cultural experiences through touring productions, study exchange programs and reporting trips, and further increase employment opportunities in a global market.

Industry connections are fostered through mentor schemes, internships, professional practice placements, joint projects and

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

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

CIRAC aims to:
• map the growth and dynamics of the sector to show the extent and value of the creative industries in Australia and overseas
• assist the growth and diversification of creative applications in the new information economy, providing know-how to partners from government to micro-business
• develop creative IP for commercialisation, and cutting-edge industry oriented research
• contribute to the development of the Creative Industries Precinct, working with co-locating partners
• establish a research centre in Interaction Design dedicated to R&D leadership in this emergent industry sector.

CREATIVE INDUSTRIES

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

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

Journalism
Discipline Head: Michael Bromley, BA(Hons) CNAA, MA Yale

Media Communications
Discipline Head: T. Flew, BEd (Hons) MEc Sydney, PhD Griffith, GradCertHigherEd QUT

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

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

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

SENIOR STAFF
Faculty Office
Dean: Professor J. Hartley, BA(Hons) Wales, PhD Murdoch, D.Litt Wales, FRSA
Faculty Administration Manager: E.D. Harding, BA Qld
Director Academic Programs and Staffing: Dr Wayne Hindsley, BA, MA, PhD

Acting and Technical Production
Head: Diane Eden, BA Qld

Communication Design
Head: G. Sade, BMus

Creative Writing and Cultural Studies
Assoc Prof: P. M. Neilsen, BA(Hons) MA, PhD Qld, ASA
Doctor of Creative Industries (KK49)

Award title: Doctor of Creative Industries
CRICOS code: 046050K
Location: Gardens Point and Kelvin Grove
Course duration (full-time): 6 semesters
Total credit points: 72
Course coordinator: Dr Brad Haseman

Course Structure
The course comprises two components - coursework and professional projects.
Coursework is taken at the beginning of candidature and provides candidates with the essential conceptual tools they need for doctoral level analysis and reflection on their professional practice and related contextual factors. Candidates will design, implement and evaluate a number of professional projects during the period of their candidature. The scale, scope and focus of these projects will be determined in consultation with supervisors.

Project Track
Year 1, Semester 1
KKN020 Approaches to Enquiry in the Creative Industries
KKN061 The Reflective Practitioner
Elective 1

Year 1, Semester 2
KKN071 Creative Industries Conference 1
KKN065 Project Development in the Creative Industries
Elective 2
GSN442 Project Management 1
GSN443 Project Management 2

Year 2, Semester 1
KKN300-1 DCI Professional Project 1
KKN300-2 DCI Professional Project 1
KKN300-3 DCI Professional Project 1
KKN300-4 DCI Professional Project 1

Year 2, Semester 2
KKN062 The Reflective Practitioner 2
Elective 3
Elective 4
KKN400-1 DCI Professional Project II

Year 3, Semester 1
KKN400-2 DCI Professional Project II
KKN400-3 DCI Professional Project II
KKN400-4 DCI Professional Project II
KKN500-1 DCI Final Professional Project

Year 3, Semester 2
KKN500-2 DCI Final Professional Project
KKN500-3 DCI Final Professional Project
KKN500-4 DCI Final Professional Project
KKN072 Creative Industries Conference 2

Master of Arts (Research) (Creative Industries) (KK51)

Award title: Master of Arts (Research)
CRICOS code: 046055E
Location: Kelvin Grove
Course duration (full-time): Entry with 3 year qualification 1.5 years full-time; Entry with 4 year qualification (Honours) 1 year full-time
Course duration (part-time): Entry with 3 year qualification 3 years part-time; Entry with 4 year qualification (Honours) 2 years part-time
Total credit points: 3-year qualified entry: 144; 4 year qualified entry: 96
Standard credit points per semester (full-time): 48 Credit Points Full-time
Standard credit points per semester (part-time): 24 Credit Points Part-time
Course coordinator: Dr Brad Haseman

Course Structure
ENTRY WITH 3 YEAR QUALIFICATION: (Bachelors degree or equivalent)
Students normally will undertake 48 credit points of coursework and a 96 credit point research project.
ENTRY WITH APPROVED 4 YEAR QUALIFICATION: (Bachelors degree plus Honours/Graduate Diploma or equivalent)
Students will not normally undertake coursework units, unless otherwise recommended by the Discipline Coordinator. They will be required to undertake a 96 credit point research project or thesis.

With approval from the relevant Discipline Coordinator, instead of undertaking 96 credit points of research, students may enrol in 12 or 24 credit points of course work, and reduce the weighting of their research project to 84 or 72 credit points.

Research Component
Depending on the discipline, the research component may be undertaken either as a research thesis of 30,000 words, or as a creative practice-based project with an exegesis or written component (7,500-10,000 words). Students can undertake:

- a significant creative work such as a theatrical or musical production
- a work of fiction or non-fiction
- a screen-based script or production
- a multimedia script or production.

Any project likely to involve University resources must have the support of the appropriate Head of Discipline.

All Disciplines - with 4-year qualified entry

Semester 1
KKN007/1 Research Project 1
KKN007/2 Research Project 2
KKN007/3 Research Project 3
KKN007/4 Research Project 4

Semester 2
KKN007/5 Research Project 5
KKN007/6 Research Project 6
KKN007/7 Research Project 7
KKN007/8 Research Project 8

Dance, Drama, Music, Visual Arts, Communication Design - with 3-year qualified entry

Semester 1
KVB004 Contemporary Aesthetic Debates
KKN020 Approaches to Enquiry in the Creative Industries
KKN007/1 Research Project 1
KKN007/2 Research Project 2

Semester 2
KKN007/3 Research Project 3
KKN007/4 Research Project 4
KKN007/5 Research Project 5

Design Note: An elective of 12 credit points is chosen by students, in consultation with their Principal Supervisor from university wide offerings.

Semester 3
KKN200 Graduate Seminar
KKN007/6 Research Project 6
KKN007/7 Research Project 7
KKN007/8 Research Project 8

Note: KKN200 Graduate Seminar has a pre-requisite of KKN020

Dance, Drama, Music, Visual Arts, Communication Design - with 3 year qualified entry

Semester 1
KVB004 Contemporary Aesthetic Debates
KKN020 Approaches to Enquiry in the Creative Industries
KKN007/1 Research Project 1

Semester 2
KKN007/2 Research Project 2

Note: that an elective of 12 credit points is chosen by students, in consultation with their Principal Supervisor from university wide offerings.
Creative Writing, Cultural Studies, Film & TV, Journalism, Media & Com - with 3-year qualified entry

Semester 1
KKN020 Approaches to Enquiry in the Creative Industries
KWP103 Creative Writing: Novel & Genre
KJP105 Theories Of Journalism
KCP110 Global Media and Communication Policy
KPP104 Film And Television Production Theory

Semester 2
KKN007-1 Research Project
KKN007-2 Research Project
KKN007-3 Research Project
KKN007-4 Research Project

Semester 3
KKN007-5 Research Project
KKN007-6 Research Project
KKN007-7 Research Project

Creative Writing, Cultural Studies, Film & TV, Journalism, Media & Com - with 3 year qualified entry

Semester 1
KKN020 Approaches to Enquiry in the Creative Industries
KWP103 Creative Writing: Novel & Genre
KJP105 Theories Of Journalism
KCP110 Global Media and Communication Policy

Semester 2
KKN007-1 Research Project
KKN007-2 Research Project
KKN007-3 Research Project

Semester 3
KKN007-4 Research Project
KKN007-5 Research Project
KKN007-6 Research Project
KKN007-7 Research Project
KKN007-8 Research Project

KKN061 The Reflective Practitioner (24 credit points)

Year 1, Semester 1
KKN071 Creative Industries Conference 1
KKN065 Project Development in the Creative Industries
KNN061 The Reflective Practitioner

Year 1, Semester 2
KKN071 Creative Industries Conference 1
KKN065 Project Development in the Creative Industries
KNN061 The Reflective Practitioner

Year 2, Semester 1
KKN300-1 DCI Professional Project 1
KKN300-2 DCI Professional Project 1
KKN300-3 DCI Professional Project 1
KKN300-4 DCI Professional Project 1

Year 2, Semester 2
KKN300-5 DCI Professional Project 2
KKN300-6 DCI Professional Project 2
KKN300-7 DCI Professional Project 2
KKN300-8 DCI Professional Project 2

Year 3, Semester 1
KKN300-9 DCI Professional Project 3
KKN300-10 DCI Professional Project 3
KKN300-11 DCI Professional Project 3
KKN300-12 DCI Professional Project 3

Year 3, Semester 2
KKN300-13 DCI Professional Project 4
KKN300-14 DCI Professional Project 4
KKN300-15 DCI Professional Project 4
KKN300-16 DCI Professional Project 4

Year 3, Semester 3
KKN300-17 DCI Professional Project 5
KKN300-18 DCI Professional Project 5
KKN300-19 DCI Professional Project 5
KKN300-20 DCI Professional Project 5

Major of Creative Industries (Communication Design) (KK48)

Location: Kelvin Grove
Course duration (full-time): 3 semesters
Course duration (part-time): 6 semesters (depending on prior study and availability of supervising staff)
Total credit points: 144
Course coordinator: Dr Brad Haseman

Course structure
Year 1, Semester 1
KKN020 Approaches to Enquiry in the Creative Industries

Year 1, Semester 2
KKN071 Creative Industries Conference 1
KKN065 Project Development in the Creative Industries
KNN061 The Reflective Practitioner

Year 2, Semester 1
KKN300-1 DCI Professional Project 1
KKN300-2 DCI Professional Project 1
KKN300-3 DCI Professional Project 1
KKN300-4 DCI Professional Project 1

Year 2, Semester 2
KKN300-5 DCI Professional Project 2
KKN300-6 DCI Professional Project 2
KKN300-7 DCI Professional Project 2
KKN300-8 DCI Professional Project 2

Year 3, Semester 1
KKN300-9 DCI Professional Project 3
KKN300-10 DCI Professional Project 3
KKN300-11 DCI Professional Project 3
KKN300-12 DCI Professional Project 3

Year 3, Semester 2
KKN300-13 DCI Professional Project 4
KKN300-14 DCI Professional Project 4
KKN300-15 DCI Professional Project 4
KKN300-16 DCI Professional Project 4

Year 3, Semester 3
KKN300-17 DCI Professional Project 5
KKN300-18 DCI Professional Project 5
KKN300-19 DCI Professional Project 5
KKN300-20 DCI Professional Project 5

Master of Creative Industries (KK48)

Location: Kelvin Grove
Course duration (full-time): 3 semesters
Course duration (part-time): 6 semesters (depending on prior study and availability of supervising staff)
Total credit points: 144
Course coordinator: Dr Brad Haseman

Course structure
Year 1, Semester 1
KKN020 Approaches to Enquiry in the Creative Industries

Year 1, Semester 2
KKN071 Creative Industries Conference 1
KKN065 Project Development in the Creative Industries
KNN061 The Reflective Practitioner

Year 2, Semester 1
KKN300-1 DCI Professional Project 1
KKN300-2 DCI Professional Project 1
KKN300-3 DCI Professional Project 1
KKN300-4 DCI Professional Project 1

Year 2, Semester 2
KKN300-5 DCI Professional Project 2
KKN300-6 DCI Professional Project 2
KKN300-7 DCI Professional Project 2
KKN300-8 DCI Professional Project 2

Year 3, Semester 1
KKN300-9 DCI Professional Project 3
KKN300-10 DCI Professional Project 3
KKN300-11 DCI Professional Project 3
KKN300-12 DCI Professional Project 3

Year 3, Semester 2
KKN300-13 DCI Professional Project 4
KKN300-14 DCI Professional Project 4
KKN300-15 DCI Professional Project 4
KKN300-16 DCI Professional Project 4

Year 3, Semester 3
KKN300-17 DCI Professional Project 5
KKN300-18 DCI Professional Project 5
KKN300-19 DCI Professional Project 5
KKN300-20 DCI Professional Project 5

Entry Requirements
An approved degree in a related study area from a recognised tertiary institution with a GPA of 5.0 or greater; OR
An approved degree in an unrelated study area from a recognised tertiary institution with a GPA of 5.0 or greater combined with either:
- professional recognition through an equivalent course of study or examination; and/or
- evidence of qualifications (eg recognised prior learning); and/or
- at least two years appropriate full-time work experience.

Related areas of study include the fields of media communication, visual arts, design, the arts or information technology. It should be noted that this course is not suitable for applicants from directly cognate fields of study eg multimedia design, computer graphics and animation.

MCI (Communication Design) - Full-time structure
Year 1
KIN811 Visual Interactions
KCP295 Virtual Cultures
KIN818 Digital Media
KIN817 Project Management

Year 2
KCP336 New Media Technologies
KIN812 Interdisciplinarity for the Creative Industries
KIN809 Interaction Design
KIN810 Information Architecture

Year 3
KIN851 Design Project
KIN851/2 Design Project

MCI (Communication Design) - Part-time structure
Year 1
KIN811 Visual Interactions
KIN818 Digital Media

Year 2
KCP336 New Media Technologies
KIN809 Interaction Design

Year 3
KIN812 Interdisciplinarity for the Creative Industries

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

Communication Design Elective List
Semester 1
KIB803 Temporal Media
KIB816 Interactive Writing
KIB819 Electronic Publishing

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

■ Master of Creative Industries (Dance Teaching) (KD42)
Award title: Master of Creative Industries (Dance Teaching)
Location: External
Course duration (full-time): 3 semesters and summer
Course duration (part-time): 6 semesters
Total credit points: 144
Standard credit points per semester (full-time): 48
Course coordinator: Ms Jude Smith
Discipline coordinator: Assoc Prof Cheryl Stock

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

Course structure
Students are required to complete 10 units. There are nine core units and one elective unit. It is recommended that students complete the units The Reflective Practitioner 1 and Professional Practice Project in the final semester/s of the course.

Part-time students
Select two units from both First and Second Semester, and both units in the Summer Program.

Year 1, Semester 1
Choose two of the following CORE units
KTN001 Performing Narratives
KTN002 Contemporary Performance
KTN003 Applying Information Technology in the Drama Classroom
KTN004 Teaching Drama from 1-10
KTN005 Implementing Drama From 1-10

Year 1, Semester 2
Choose one of the following CORE units
KTN001 Performing Narratives
KTN002 Contemporary Performance
KTN003 Applying Information Technology in the Drama Classroom
KTN004 Teaching Drama from 1-10
KTN005 Implementing Drama From 1-10

Year 2, Semester 1
Two units from List A OR one unit from List A and one unit from List B
KTN006 Drama Project

Year 2, Semester 2
Choose one of the following CORE units
KTN001 Performing Narratives
KTN002 Contemporary Performance
KTN003 Applying Information Technology in the Drama Classroom
KTN004 Teaching Drama from 1-10
KTN005 Implementing Drama From 1-10

Year 3, Semester 1
Select ONE of the following combinations:
- Two units from List A
- One unit from List A and one unit from List B

Year 3, Semester 2
KTN006 Drama Project

List A - Electives
KKB057 Independent Study
KTIB061 Arts Management
KTIB214 Process Drama
KTIB252 The Sound Of Theatre

Q U T H A N D B O O K  2 0 0 4  •  P A G E  1 4 3
Part-time students should contact the Discipline Coordinator to discuss their enrolment program.

**Master of Fine Arts (KK42)**

**Award title:** Master of Fine Arts  
**CRICOS code:** 016349F  
**Location:** Kelvin Grove  
**Course duration (full-time):** 1.5 years full-time  
**Course duration (part-time):** 3 years part-time  
**Total credit points:** 144  
**Standard credit points per semester (full-time):** 48  
**Standard credit points per semester (part-time):** 24  
**Course coordinator:** Dr Brad Haseman  
**Discipline coordinator:** Assoc Prof Cheryl Stock (Dance); Dr Jacqueline Martin (Drama); Assoc Prof Andy Arthurs (Music); Assoc Prof David Hawke (Vis Arts)  

**Suggested Full-time Course Structure**

**Semester 1**
- KKN011 Advanced Professional Practice 1
- KKN012 Advanced Professional Practice 2
- Elective*  
**Semester 2**
- KKN013 Advanced Professional Practice 3  
- Elective  
**Semester 3**
- KKN010 MFA Project  
- KKN010-2 MFA Project  
- KKN010-3 MFA Project  
- KKN010-4 MFA Project  
*It is advised that Dance students choose KKN020 Approaches to Enquiry in the Creative Industries as an elective in the first semester. MFA in Dance is available in creative practice and/or performance. Dance applicants are required to submit a one-page proposal outlining the focus of their study.

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**List B - Electives**

- KCB295 Virtual Cultures  
- KDX104 Architecture Of The Body  
- KDB117 Dance In Education  
- KIB813 Contemporary Issues In Design and Technology  
- KIN818 Digital Media  
- KMB631 World Music  
- KVB702 Australian and Indigenous Art  
- KVB444 Contemporary Asian Visual Culture  
- KVB004 Contemporary Aesthetic Debates  
- KVBA47 Drawing  
- KVB457 Sculpture  
- KVB509 Photomedia and Artistic Practice  
- KWB229 Film And Television Scriptwriting  
- KWB350 Creative Writing: Short Story  
- KKB704 Indigenous Creative Industries  
- KCB336 New Media Technologies  
- KDB106 Dance Analysis  
- KDB114 Australian Dance  
- KIB814 Enabling Immersion  
- KMB638 Sound And Image  
- KMD648 The Music Scene  
- KVB703 Video Art And Culture  
- KVB704 Theories Of Spatial Culture

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**Pathway: Music Composition for the Creative Industries**

- KMB619 Music And Sound Technology  
- KMN626 Music & Sound for Digital Media  
- KMN630 Materials of Music  
- KMB638 Sound And Image  
- KMN618 Composing for Moving Pictures  
- KMB621 Sound Recording And Acoustics  
- KMN609 Independent Project  
- KMB617 Arranging  
- KMN601 Music Project 1  
- KMN602 Music Project 2

**Pathway: Music and Media Technologies**

- KMB619 Music And Sound Technology  
- KMB621 Sound Recording And Acoustics  
- KMB635 Sound Media Musicianship  
- KMN618 Composing for Moving Pictures  
- KMB621 Sound Recording And Acoustics  
- KMN609 Independent Project  
- KMN601 Music Project 1  
- KMN602 Music Project 2

**Pathway: Instrumental Music Teaching**

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

**Masters by Project**

- KMN601 Music Project 1  
- KMN602 Music Project 2  
- KMN603 Music Project 3  
- KMN604 Music Project 4  
- KMN605 Music Project 5

*Elective - chosen from any pathway and/or from list below  
*Elective - chosen from any pathway and/or from list below.

**Other music units available for selection**

- KMB667 Music and Spirituality  
- KMB640 Sex, Drugs, Rock N Roll  
- KMB631 World Music  
- KMN607 Australian Music Culture  
- KMB638 Sound And Image
Graduate Diploma in Creative Industries (Communication Design) (KI36)

Award title: Graduate Diploma in Creative Industries (Communication Design)
CRICOS code: 043123M
Location: Kelvin Grove
Course duration (full-time): 2 semesters
Course duration (part-time): 4 semesters
Total credit points: 96
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Angelina Russo
Discipline coordinator: Angelina Russo

Full-time Course Structure
Semester 1
KCP295 Virtual Cultures
KIN811 Visual Interactions
KIN817 Project Management
KIN818 Digital Media
Semester 2
KCP336 New Media Technologies
KIN809 Interaction Design
KIN810 Information Architecture
KIN812 Interdisciplinarity for the Creative Industries

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

Graduate Diploma in Creative Industries (Creative Writing) (KW36)

Award title: Graduate Diploma in Creative Industries (Creative Writing)
CRICOS code: 046673A
Location: Kelvin Grove
Course duration (full-time): 2 semesters
Course duration (part-time): 4 semesters
Total credit points: 96
Course coordinator: Assoc Prof Philip Neilsen
Discipline coordinator: Assoc Prof Philip Neilsen

Articulation
The Graduate Diploma is designed to articulate from the Graduate Certificate in Creative Industries (Creative Writing).

Full-time Course Structure
Semester 1
KWP103 Creative Writing: Novel and Genre
KWP104 Editing and Developing the Manuscript
KWB350 Creative Writing: The Short Story
Elective
Semester 2
KWB380 Creative Non-Fiction: Life Writing
KWB229 Film and Television Scriptwriting
Elective
Plus select one of the following units:
KWB399 The Writing and Publishing Industry
KWB314 Corporate Writing and Editing

Graduate Diploma in Creative Industries (Dance Teaching) (KD36)

Award title: Graduate Diploma in Creative Industries (Dance Teaching)
Location: External
Course duration (full-time): 2 semesters plus Summer
Course duration (part-time): 4 semesters
Total credit points: 96
Course coordinator: Ms Jude Smith
Discipline coordinator: Assoc Prof Cheryl Stock

Course Structure
Full time students should select 3 units from the first and second semester structure, and both units in the Summer Program. Part-time students should select 2 units from the first and second semester structure, and either one or both units in the Summer Program.

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

Graduate Diploma in Creative Industries (Drama Teaching) (KT36)

Award title: Graduate Diploma in Creative Industries (Drama Teaching)
CRICOS code: 046672B
Location: Kelvin Grove
Course duration (full-time): 2 semesters
Course duration (part-time): 4 semesters
Total credit points: 96
Course coordinator: Judith McLean; Administrator: Sandra Gattenhof
Discipline coordinator: Judith McLean

Full-time Course Structure
Year 1, Semester 1
Choose two of the following CORE units:
KTN001 Performing Narratives
KTN002 Contemporary Performance
KTN003 Applying Information Technology in the Drama Classroom
KTN004 Teaching Drama from 1-10
CREATIVE INDUSTRIES

Graduate Diploma in Creative Industries (Film and Television) (KP36)

Award title: Graduate Diploma in Creative Industries (Film and Television)
CRICOS code: 040324D
Location: Kelvin Grove
Course duration (full-time): 2 semesters
Course duration (part-time): 4 semesters
Total credit points: 96
Standard credit points per semester (full-time): 48
Course coordinator: Assoc Prof Stephanie Donald
Discipline coordinator: Assoc Prof Stephanie Donald

Course structure - Full-time

Year 1, Semester 1
KWP111 Media Writing
KPP155 Media Production
KPP104 Film And Television Production Theory
KPB314 Media Business

Year 1, Semester 2
KPP185 Informational Production
KPB358 Documentary Theory And Practice
Elective

Year 2, Semester 1
KPP115 Media Production
KWP111 Media Writing

Year 2, Semester 2
KPP185 Informational Production
KPB314 Media Business
KPP104 Film And Television Production Theory
Elective

Part-time Course Structure

Year 1, Semester 1
Two units taken from List A OR one unit from List A and one unit from
List B
Year 2, Semester 1
Two units taken from List A OR one unit from List A and one unit from
List B

Elective
KTP104 Film And Television Production Theory
Year 2, Semester 1
Elective
KPB358 Documentary Theory And Practice
Elective

Graduate Diploma in Journalism (KJ36)

Award title: Graduate Diploma in Journalism
CRICOS code: 040340D
Location: Kelvin Grove
Course duration (full-time): 2 semesters
Course duration (part-time): 4 semesters
Total credit points: 96
Standard credit points per semester (full-time): 48
Course coordinator: Dr Angela Romano
Discipline coordinator: Prof Michael Bromley

Course structure - Full-time

Year 1, Semester 1
KJP105 Theories Of Journalism
KJP120 Newswriting
Journalism Elective Unit - List A
Journalism Elective Unit - List A or List B

Year 1, Semester 2
KJP224 Feature Writing
Journalism Elective Unit - List A
Journalism Elective Unit - List A or List B

Year 2, Semester 1
KJP121 Journalistic Inquiry
Elective Unit from List A
Elective Unit from List A or List B

Year 2, Semester 2
Elective Unit from List A
Elective Unit from List A or List B

Elective Unit from List A or List B

Year 2, Semester 1
KJP120 Newswriting
KJP105 Theories Of Journalism

Year 2, Semester 2
KJP224 Feature Writing
Elective Unit from List A
KJP121 Journalistic Inquiry
Elective Unit from List A or List B

Year 1, Semester 1
KJP224 Feature Writing
Elective Unit from List A

Year 2, Semester 1
KJP121 Journalistic Inquiry
Elective Unit from List A or List B

Elective Unit from List A or List B

Elective Unit from List A

Elective Unit from List A or List B

Elective Unit from List A or List B

Journalism Elective Units - List A
KJB239 Journalism Ethics And Issues
KKB275 Creative Industries Legal Issues
KJP121 Journalistic Inquiry
KJP232 Radio And Television Journalism 1
KJB280 International Journalism
KJB322 Desktop Publishing And Editing
KJB337 Public Affairs Reporting
KJB303 News Production
KJB339 Fashion and Style Journalism
KJB338 Radio And Television Journalism 2

Journalism Elective Units - List B
KCB213 Strategic Speech Communication
KCB311 Political Communication
KCP018 Creative Industries
KCP110 Global Media and Communication Policy
KCP295 Virtual Cultures
KCP336 New Media Technologies
KCP348 Applied Media Communication
KCP349 Media Audiences
KKB390 Supervised Project
KKB818 Introduction To Multimedia Technology
KKN320 Workplace Learning (12cp)
KKN330 Workplace Learning (24cp)
KWB229 Film And Television Scriptwriting
KPB118 Photomedia: Traditions and Techniques
KPB130 Media Text Analysis
KPP105 Media Production
KPP155 Media Production
KWB710 Ozlit
KWB314 Corporate Writing And Editing
KWB315 Persuasive Writing
KWB399 The Writing And Publishing Industry
KWB380 Creative Nonfiction: Life Writing
KWB381 Creative Nonfiction: Arts, Humour, Travel
KWB350 Creative Writing: Short Story
KWB712 Youth and Children's Writing
KWP103 Creative Writing: Novel & Genre
KWP104 Editing and Developing the Manuscript
KWP111 Media Writing
KPP104 Film And Television Production Theory
KTB307 Writing For Performance
KVB509 Photomedia and Artistic Practice
KVP100 Graphic Design

Graduate Diploma in Music (KM36)
Award title: Graduate Diploma in Music
CRICOS code: 03471D
Location: Kelvin Grove
Course duration (full-time): 2 semesters
Course duration (part-time): 4 semesters
Total credit points: 96
Course coordinator: Assoc Prof Adrian Thomas
Discipline coordinator: Prof Andy Arthurs

Course of Study
Eight 12 credit point units, including KMN609 Independent Project and at least two other KMN units.

Course structure
Pathway: Music Composition for the Creative Industries
KMB619 Music And Sound Technology
KMB056 The Music Industry
KMN609 Independent Project
KMB617 Arranging

Pathway: Music and Media Technologies
KMB619 Music And Sound Technology
KMB621 Sound Recording And Acoustics
KMB635 Sound Media Musicanship
KMN626 Music & Sound for Digital Media
KMN606 Digital Recording
KKB818 Introduction To Multimedia Technology
KMB056 The Music Industry
KMN609 Independent Project

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

Other music units available for selection
KMB640 Sex, Drugs, Rock N Roll
KMB631 World Music
KMN607 Australian Music Culture
KMB638 Sound And Image
KMB67 Music and Spirituality

Graduate Certificate in Creative Industries (Creative Writing) (KW35)
Award title: Graduate Certificate in Creative Industries (Creative Writing)
CRICOS code: 040322F
Location: Kelvin Grove
Course duration (full-time): 1 semester
Course duration (part-time): Up to 4 semesters
Total credit points: 48
Standard credit points per semester (part-time): 24
Course coordinator: Assoc Prof Philip Neilsen
Discipline coordinator: Assoc Prof Philip Neilsen

Full time structure
Year 1, Semester 1
KWP103 Creative Writing: Novel & Genre
Plus Select THREE units from:
KWB350 Creative Writing: Short Story
KWB250 Introduction To Creative Writing
KWB380 Creative Nonfiction: Life Writing
KWB399 The Writing And Publishing Industry
KWB229 Film And Television Scriptwriting
KWB370 Electronic Creative Writing
KWB381 Creative Nonfiction: Arts, Honour, Travel
KWB314 Corporate Writing And Editing
KWB315 Persuasive Writing
KWB712 Youth and Children’s Writing
KWB111 Media Writing

Note: Please check semester of offer when enrolling in units.

Part-time structure
Students may do one or two units in a semester, chosen from the same list as for the full-time structure. The only compulsory unit is KWP103 Creative Writing: Novel and Genre

Graduate Certificate in Creative Industries (Dance Teaching) (KD35)
Award title: Graduate Certificate in Creative Industries (Dance Teaching)
CRICOS code: Not required
Location: External
Course duration (external): 1 semester full-time; 2 semesters part-time
Total credit points: 48
Course coordinator: Ms Jude Smith
Discipline coordinator: Assoc Prof Cheryl Stock

Course Structure
Full time students should select 4 units (two core and 2 electives) from first or second semester. Students can replace one elective from Semester 1 or 2 with a residency unit in the Summer program.

Part-time students should select 4 units (two core and 2 electives) across first or second semester. Students can replace one elective from Semester 1 or 2 with a residency unit in the Summer program.

Full-time structure
Select 4 units (2 core and 2 electives) from first or second semester. Students can replace one elective from Semester 1 or 2 with a residency unit in the Summer Program.
Part-time structure
Select 4 units (2 core and 2 electives) across first or second semester.
Students can replace one elective from Semester 1 or 2 with a residency unit in the Summer Program.

First Semester
Core Units
KDP104 Safe Dance Practice
KDP190 Professional Practice & Business Administration for Dance

Teachers
KDP105 Dance Analysis and Histories
KDP189 Dance Assessment & Reporting Procedures
KDP191 Dance Teaching Methodologies

Second Semester
Core Units
KDP104 Safe Dance Practice
KDP190 Professional Practice & Business Administration for Dance

Teachers
KDP105 Dance Analysis and Histories
KDP189 Dance Assessment & Reporting Procedures
KDP191 Dance Teaching Methodologies

Summer Program
KDP180 Dance Teaching 1 (residency) (elective)

NOTE
Students should contact the Course Coordinator to discuss their enrolment program.

Graduate Certificate in Creative Industries (Drama Teaching) (KT35)
Award title: Graduate Certificate in Creative Industries (Drama Teaching)
CRICOS code: 040323E
Location: Kelvin Grove
Course duration (full-time): 1 semester
Course duration (part-time): 2 semesters
Total credit points: 48
Course coordinator: Judith McLean
Discipline coordinator: Judith McLean

Full-time Course Structure
Year 1, Semester 1
Choose two of the following CORE units:
KTN001 Performing Narratives
KTN002 Contemporary Performance
KTN003 Applying Information Technology in the Drama Classroom
KTN004 Teaching Drama from 1-10
KTN005 Implementing Drama From 1-10
Two units taken from List A

Part-time Course Structure
Year 1, Semester 1
Choose two of the following CORE units:
KTN001 Performing Narratives
KTN002 Contemporary Performance
KTN003 Applying Information Technology in the Drama Classroom
KTN004 Teaching Drama from 1-10
KTN005 Implementing Drama From 1-10
Year 1, Semester 2
Two units taken from List A

List A - Electives
See Master of Creative Industries (Drama Teaching) (KT42) for details.

Graduate Certificate in Creative Industries (Film and Television) (KP35)
Award title: Graduate Certificate in Creative Industries (Film and Television)
CRICOS code: 040327A
Location: Kelvin Grove
Course duration (part-time): 2 semesters
Total credit points: 48
Course coordinator: Assoc Prof Stephanie Donald
Discipline coordinator: Assoc Prof Stephanie Donald

Part-time course structure
Year 1, Semester 1
KPP155 Media Production
KPP104 Film And Television Production Theory
Year 1, Semester 2
KPP185 Informational Production
KWP111 Media Writing

Graduate Certificate in Creative Industries (Publishing and Editing) (KW37)
Award title: Graduate Certificate in Creative Industries (Publishing and Editing)
CRICOS code: 040323E
Location: Kelvin Grove
Course duration (part-time): Up to 4 semesters
Total credit points: 48
Course coordinator: Assoc Prof Philip Neil sen
Discipline coordinator: Assoc Prof Philip Neil sen

Part-time Course Structure
Semester 1
KWP104 Editing and Developing the Manuscript
KJP322 Desktop Publishing And Editing
Semester 2
Select two from the following
KWB399 The Writing And Publishing Industry
KIB819 Electronic Publishing
KWB314 Corporate Writing And Editing

Graduate Certificate in Journalism (KJ35)
Award title: Graduate Certificate in Journalism
CRICOS code: 040323E
Location: Kelvin Grove
Course duration (full-time): 1 semester
Course duration (part-time): 2 semesters
Total credit points: 48
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Dr Angela Romano
Discipline coordinator: Prof Michael Bromley

Full-time Course structure
Year 1, Semester 1
KJP120 Newswriting
KJP224 Feature Writing

Year 1, Semester 2
Journalism elective unit - List A
Pick one of the following three:
KJP105 Theories Of Journalism
KJB239 Journalism Ethics And Issues
KKB275 Creative Industries Legal Issues

Part-time Course structure
Year 1, Semester 1
KJP224 Feature Writing
KJP120 Newswriting
Year 1, Semester 2
Journalism elective unit - List A
Choose one of the following units:
KJP105 Theories Of Journalism
KJB239 Journalism Ethics And Issues
KKB275 Creative Industries Legal Issues

Journalism Elective Units - List A
Electives
KJB239 Journalism Ethics And Issues
KKB275 Creative Industries Legal Issues
KJP121 Journalistic Inquiry
KJP232 Radio And Television Journalism 1
KJB280 International Journalism
KJB322 Desktop Publishing And Editing
KJB337 Public Affairs Reporting
KJB303 News Production
KJB339 Fashion and Style Journalism
KJB338 Radio And Television Journalism 2
Graduate Certificate in Music (KM35)
Award title: Graduate Certificate in Music
CRICOS code: 034715F
Location: Kelvin Grove
Course duration (full-time): 1 semester
Course duration (part-time): 2 semesters
Total credit points: 48
Standard credit points per semester (full-time): 48
Course coordinator: Assoc Prof Adrian Thomas
Discipline coordinator: Prof Andy Artsners

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

Course structure
Pathway: Music Composition for the Creative Industries*

KMB619 Music And Sound Technology
KMN630 Materials of Music
KMB638 Sound And Image
KMN618 Composing for Moving Pictures

Pathway: Music and Media Technologies*

KMB619 Music And Sound Technology
KMB621 Sound Recording And Acoustics
KMB635 Sound Media Musicianship
KMN626 Music & Sound for Digital Media

Pathway: Instrumental Music Teaching*

KMB622 Multi-Instrumental Music A
KMP434 Music Curriculum Studies 1A
KMB623 Conducting
KMB617 Arranging

Pathway: Contemporary Music Studies (choose any four)

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

Bachelor of Creative Industries (Honours) (Creative Writing/Media Communication/Communication Design/Dance/Drama/Visual Arts) (KK52)
Award title: Bachelor of Creative Industries (Honours) (Study Area A)
CRICOS code: 040321G
Location: Kelvin Grove
Course duration (full-time): 2 semesters
Total credit points: 96
Standard credit points per semester (full-time): 48
Course coordinator: Dr Glen Thomas
Discipline coordinator: Assoc Prof Cheryl Stock (Dance); Dr Paul Makeham (Drama); Mr Daniel Mafe (Visual Arts); Dr Christina Spurgeon (Media & Communication); Ms Angelina Russo (Communication Design); Assoc Prof Philip Neilsen (Creative Writing)

Course structure
Year 1, Semester 1
KKN004 Honours Project (1/5)
KKN004 Honours Project (2/5)
KKN020 Approaches to Enquiry in the Creative Industries

Year 1, Semester 2
KKN004 Honours Project (3/5)
KKN004 Honours Project (4/5)
KKN004 Honours Project (5/5)
KKN002 Honours Graduate Seminar List A
KTN200 Dramaturgy
KVB004 Contemporary Aesthetic Debates
KWP103 Creative Writing: Novel & Genre
KPP104 Film And Television Production Theory
KJP105 Theories Of Journalism
KCP110 Global Media and Communication Policy

Bachelor of Journalism (Honours) (KK54)
Award title: Bachelor of Journalism (Honours)
CRICOS code: 040326B
Location: Kelvin Grove
Course duration (full-time): 2 semesters
Total credit points: 96
Standard credit points per semester (full-time): 48
Course coordinator: Dr Glen Thomas
Discipline coordinator: Dr Lee Duffield

Course structure
Year 1, Semester 1
KKN004 Honours Project (1/5)
KKN004 Honours Project (2/5)
KKN020 Approaches to Enquiry in the Creative Industries

Year 1, Semester 2
KKN004 Honours Project (3/5)
KKN004 Honours Project (4/5)
KKN004 Honours Project (5/5)
KKN002 Honours Graduate Seminar
Bachelor of Creative Industries (Honours) (KK55)
Award title: Bachelor of Creative Industries (Honours)
CRICOS code: 031574E
Location: Kelvin Grove
Course duration (full-time): 1 Year Full-time
Total credit points: 96
Standard credit points per semester (full-time): 48
Course coordinator: Dr Glen Thomas
Discipline coordinator: Mr Andrew Brown

Course structure
Year 1, Semester 1
KKN004 Honours Project (1/5)
KKN004 Honours Project (2/5)
KKN20 Approaches to Enquiry in the Creative Industries
KIN817 Project Management
Elective
Year 1, Semester 2
KKN004 Honours Project (3/5)
KKN004 Honours Project (4/5)
KKN004 Honours Project (5/5)
KKN002 Honours Graduate Seminar

List A - Creative Industries Honours Electives
KTN200 Dramaturgy
KVP004 Contemporary Aesthetic Debates
KWP103 Creative Writing: Novel & Genre
KPP104 Film And Television Production Theory
KJP105 Theories Of Journalism
KCP110 Global Media and Communication Policy

*Students may choose from units offered elsewhere in the University, which are deemed by the Discipline Coordinator to be relevant to the research project.

Bachelor of Creative Industries
(Communication Design) (KI32)
Award title: Bachelor of Creative Industries (Communication Design)
CRICOS code: 040304G
Location: Kelvin Grove
Course duration (full-time): 3 years
Total credit points: 288
Standard credit points per semester (full-time): 48
Discipline coordinator: Angelina Russo

BCI Communication Design
Year 1, Semester 1
KIB801 Foundations Of Communication Design 1
KIB807 Media Technology 1
Creative Industries Core Unit - List A
Creative Industries Core Unit - List A
Year 1, Semester 2
KIB802 Foundations Of Communication Design 2
KIB808 Media Technology 2
Creative Industries Core Unit - List A
Elective
Year 2, Semester 1
KIB803 Temporal Media
KIB809 Interaction Design
Creative Industries Core Unit - List A
Elective
Year 2, Semester 2
KIB804 3-D Animation 1
KIB812 Interdisciplinarity for the Creative Industries
Elective
Elective
Year 3, Semester 1
KIB805 Design Project A
KIB810 Information Architecture
Elective
Elective
Year 3, Semester 2
KIB806 Professional Studies
KIB817 Project Management
Elective
Elective

NOTE:
Students must enrol in either a submajor plus 2 open electives (OUTSIDE of the Communication Design offering) OR a Minor plus 4 open electives (OUTSIDE the Communication Design offering).

List A: Creative Industries Core Units
KKB008 Narrative in the Creative Industries
KKB018 Creative Industries
KKB418 Cultures and Creativity
KKB618 Writing For Creative Industries
KKB818 Introduction To Multimedia Technology

Interaction Design Minor
KIB819 Electronic Publishing
KIB815 Inter-facing Media
KIB822 Informational Arts
KIB821 Mixed Realities

Sub-Majors
Arts and Visual Culture (KAV)
Introductory Units - compulsory
KVB702 Australian and Indigenous Art
KVB447 Drawing
Advanced Units - both required units plus any 2 to complete submajor; or both required units to complete minor
KVB712 Contemporary Art Issues (required)
KVB701 Modernism (required)
KVB444 Contemporary Asian Visual Culture
KVB703 Video Art And Culture
KVB457 Sculpture
KVB704 Theories Of Spatial Culture

Communication (KCN)
Introductory Units - compulsory
KCB101 Communication in the New Economy
KCB213 Strategic Speech Communication
Advanced Units - choose any 4 to complete submajor; or any 2 to complete minor
KWB314 Corporate Writing And Editing
KIB816 Interactive Writing
KCB150 Media And Communications Industries
KCB311 Political Communication
KCB334 Media and Communication Research Methods

Communication Design (KCD)
Introductory Units - compulsory
KIB814 Enabling Immersion
KIB825 Animation Practices
Advanced Units - choose all 4 to complete submajor; or any 2 to complete minor
KIB811 Visual Interactions
KIB816 Interactive Writing
KIB813 Contemporary Issues In Design and Technology
KIB804 3-D Animation 1
Creative and Professional Writing (KCW)
Introductory Units - compulsory
KWB250 Introduction To Creative Writing
KWB380 Creative Nonfiction: Life Writing
Advanced Units - choose any 4 to complete submajor; or any 2 to complete minor
KWB314 Corporate Writing And Editing
KWB381 Creative Nonfiction: Arts, Humour, Travel
KWB399 The Writing And Publishing Industry
KWB229 Film And Television Scriptwriting
KWB350 Creative Writing: Short Story

Dance (KDN)
Introductory Units - compulsory
KDB125 Deconstructing Dance In History
KDB176 Popular Dance Styles
Advanced Units - choose all 4 to complete submajor; or any 2 to complete minor
KDX104 Architecture Of The Body
KDB106 Dance Analysis
KDB172 World Dance
KDB114 Australian Dance

Digital Media (KDM)
Introductory Units - compulsory
KCB140 Media And Society: From Printing Press To Internet
KCB150 Media And Communications Industries
Advanced Units - choose all 4 to complete submajor; or any 2 to complete minor

KCB295 Virtual Cultures
KCB336 New Media Technologies
KPB209 Australian Television
KCB204 Globalisation And New Media

Indigenous Studies
Introductory Units - compulsory
HHB123 Indigenous Australian Culture Studies
KWB701 Indigenous Writing* Advanced Units - choose any 4 to complete submajor; or any 2 to complete minor
HHB210 Indigenous Australia: Country, Kin And Culture
HHB255 Indigenous Politics And Political Culture
JSB352 Indigenous Justice
EDB007 Culture Studies: Indigenous Education
KKB704 Indigenous Creative Industries
HHB276 Indigenous Knowledge: Research Ethics and Protocols *to be confirmed

Journalism (KJO)
Introductory Units - compulsory
KJB101 Journalism Information Systems
KJB120 Newswriting Advanced Units - both required units plus any 2 to complete submajor; or both required units to complete minor
KJB121 Journalistic Inquiry (required)
KJB224 Feature Writing (required)
KCB213 Strategic Speech Communication
KJB239 Journalism Ethics And Issues
KJB280 International Journalism

Literary and Cultural Studies (KLC)
Introductory Units - compulsory
KWB716 Introduction To Literary Theory And Cultural Studies
KWB710 Ozlit Advanced Units - both required units plus any 2 to complete submajor; or both required units to complete minor
KWB321 Body Matters (required)
KWB729 Shakespeare, Then and Now (required)
KWB625 American Stories
KWB712 Youth and Children’s Writing
KWB724 Wonderlands: Literature And Culture In The 19th Century
KWB725 Popular Fictions, Popular Culture

Music and Sound Studies (KMS)
Introductory Units - compulsory
KMB640 Sex, Drugs, Rock N Roll
KMB667 Music And Spirituality Advanced Units - choose any 4 to complete submajor; or any 2 to complete minor
KMB649 Introductory Musicianship
KMB650 Introductory Ensemble
KMB631 World Music
KMB619 Music And Sound Technology
KMB621 Sound Recording And Acoustics
KMB638 Sound And Image

Screen Studies (KSC)
Introductory Units - compulsory
KPB130 Media Text Analysis
KPB305 American Film: Genres and Directors OR
KPB141 Film And Television Language Advanced Units - choose all 4 to complete submajor; or any 2 to complete minor
KPB359 Film History
KPB358 Documentary Theory And Practice
KPB343 Australian Film
KPB344 International Cinema

Television (KTV)
Introductory Units - compulsory
KPB370 Principles of Television
KPB141 Film And Television Language Advanced Units - choose all 4 to complete submajor; or any 2 to complete minor
KPB341 Media Business
KPB155 Media Production
KPB260 Community And Educational Video
KPB371 Advanced Principles of Television

Theatre Studies (KTS)
Introductory Units - compulsory
KTB208 Elements Of Drama

Creative Industries

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### Bachelor of Creative Industries (Creative Writing) (KW32)

**Award title:** Bachelor of Creative Industries (Creative Writing)  
**CRICOS code:** 040296C  
**Location:** Kelvin Grove  
**Course duration (full-time):** 3 years  
**Total credit points:** 288  
**Standard credit points per semester (full-time):** 48  
**Course coordinator:** Ms Donna Brien  
**Discipline coordinator:** Assoc Prof Philip Neilsen

#### Course structure

**Year 1, Semester 1**  
- KWB250 Introduction To Creative Writing  
- KWB111 Media Writing  
- Creative Industries Core Unit  
- Elective

**Year 1, Semester 2**  
- KWB350 Creative Writing: Short Story  
- KJB224 Feature Writing  
- Creative Industries Core Unit  
- Elective

**Year 2, Semester 1**  
- KWB229 Film And Television Scriptwriting  
- Creative Industries Core Unit  
- Elective  
- Choose one of the following:  
  - KWB315 Persuasive Writing  
  - KJB322 Desktop Publishing And Editing

**Year 2, Semester 2**  
- KWB380 Creative Nonfiction: Life Writing  
- Creative Industries Core Unit  
- Elective  
- Choose one from the following:  
  - KWB712 Youth and Children's Writing  
  - KWB314 Corporate Writing And Editing

**Year 3, Semester 1**  
- KWB370 Electronic Creative Writing  
- Creative Industries Core Unit  
- Elective  
- Elective

**Year 3, Semester 2**  
- KWB399 The Writing And Publishing Industry  
- KWB395 Creative Writing Project 1 [12cp]  
- Elective  
- Elective

#### List A: Creative Industries Core Units

See Bachelor of Creative Industries (Communication Design) (KI32) for details.

#### Sub-Majors

See Bachelor of Creative Industries (Communication Design) (KI32) for details.

#### Creative Industries Open Electives

See Bachelor of Creative Industries (Communication Design) (KI32) for details.

### Bachelor of Creative Industries (Dance) (KD32)

**Award title:** Bachelor of Creative Industries (Dance)  
**CRICOS code:** 040303J  
**Location:** Kelvin Grove  
**Course duration (full-time):** 3 years  
**Total credit points:** 288  
**Standard credit points per semester (full-time):** 48  
**Course coordinator:** Mr Evan Jones  
**Discipline coordinator:** Assoc Prof Cheryl Stock

#### Course structure

**Year 1, Semester 1**  
- KDB180 Dance Technique Studies 1  
- KDS104 Architecture Of The Body  
- KDB125 Deconstructing Dance In History
CREATIVE INDUSTRIES

Year 1, Semester 2
Creative Industries Core Unit - List A
KDB181 Dance Technique Studies 2
KDX143 Choreographic Studies 1
KDB106 Dance Analysis

Year 2, Semester 1
Creative Industries Core Unit - List A
KDB182 Dance Technique Studies 3
KDX144 Choreographic Studies 2
Elective

Year 2, Semester 2
Creative Industries Core Unit - List A
KDX144-1 Choreographic Studies 2
KDB114 Australian Dance
KDB221 Integrated Professional Skills

Year 3, Semester 1
Choose four from the following:
KDB172 World Dance
KDB158 Dance And Technology 1
KDB117 Dance In Education
KSB011 Music Theatre Skills
Elective
Elective
Elective

Year 3, Semester 2
Choose four from the following:
KDB171 Theatre Dance Styles
KDB159 Dance And Technology 2
KDB183 Dance Technique Studies 4
KDB176 Popular Dance Styles
KSB012 Music Theatre Project
Elective
Elective
Elective

NOTE
Students wishing to graduate with the BCI (Dance) must have completed a minimum of four elective units outside the Dance Discipline.

List A: Creative Industries Core Units
See Bachelor of Creative Industries (Communication Design) (KI32) for details.

Sub-Majors
See Bachelor of Creative Industries (Communication Design) (KI32) for details.

Creative Industries Open Electives
See Bachelor of Creative Industries (Communication Design) (KI32) for details.

■ Bachelor of Creative Industries (Drama) (KT32)
Award title: Bachelor of Creative Industries (Drama)
CRICOS code: 040298A
Location: Kelvin Grove
Course duration (full-time): 3 years
Total credit points: 288
Standard credit points per semester (full-time): 48
Course coordinator: Christine Comans
Discipline coordinator: Judith McLean

Course structure
Year 1, Semester 1
Creative Industries Core Unit
KTB252 The Sound Of Theatre
KSB259 The Performance Instrument: Body And Voice
KTB257 Studies In Acting 1

Year 1, Semester 2
Creative Industries Core Unit
KTB251 20th Century Stages
KTB271 Studies In Directing
KTB273 Performance 1

Year 2, Semester 1
Creative Industries Core Unit
KTB214 Process Drama
KSB278 Technical Theatre

Elective

Year 2, Semester 2
Creative Industries Core Unit
KTB304 Forming Knowledge
Elective
Elective

Year 3, Semester 1
KTB253 Staging Australia
KTB275 Understanding Performance
Elective
Elective

Year 3, Semester 2
KTB272 Drama And Community Cultural Development
Elective
Elective
Elective

BCI (Drama) Electives Semester 1
KKB320 Workplace Learning (12cp)
KKB057 Independent Study
KT061 Arts Management
KTB308 Performance 2
KTB277 Physical Theatre
KTB306 Directing for Theatre*
KTB310 Studies in Acting 3*
Elective
*3rd year students only

Note that KKB057 Independent Study is available only to third year students. Conditions apply - see course coordinator.

BCI (Drama) Electives Semester 2
KKB320 Workplace Learning (12cp)
KKB057 Independent Study
KT061 Arts Management
KTB258 Studies In Acting 2
KTB280 Drama As Social Action
KTB307 Writing For Performance
KTB062 Arts Events
KTB309 Performance 3*
*3rd year students only

Note that KKB057 is available only to third year students. Conditions apply - see course coordinator.

Sub-Majors
See Bachelor of Creative Industries (Communication Design) (KI32) for details.

List A: Creative Industries Core Units
See Bachelor of Creative Industries (Communication Design) (KI32) for details.

Creative Industries Open Electives
See Bachelor of Creative Industries (Communication Design) (KI32) for details.

■ Bachelor of Creative Industries (Interdisciplinary) (KK32)
Award title: Bachelor of Creative Industries
CRICOS code: 040297B
Location: Kelvin Grove
Course duration (full-time): 3 years
Total credit points: 288
Standard credit points per semester (full-time): 48
Course coordinator: Dr Paul Makeham

Course Design
In addition to selecting core studies in creative industries from units covering Narrative in the Creative Industries, Creative Industries, Cultures and Creativity, Writing for Creative Industries and Introduction to Multimedia, students can choose from three course structures.

Students may complement their studies with units from another QUT Faculty including Business, Information Technology, Science, Law, Health, Built Environment and Engineering, Education and Social Science. Please note that submajors in Entrepreneurship, Advertising and Public Relations are available through the Faculty of Business.
In their final year Bachelor of Creative Industries students will have the opportunity to engage in internships, industry placements and practical projects in order to prepare themselves for entry-level positions in their chosen career.

Course structure - Overview
Students are required to conform to one of the following three course structures:

**STRUCTURE ONE**
- Four Creative Industries Core Units
- Three submajors (units each)
- Two elective units

**Semester 1, Year 1**
- Creative Industries Core Unit - List A
- Sub-Major One
- Sub-Major Two
- Sub-Major Three

**Semester 2, Year 1**
- Creative Industries Core Unit - List A
- Sub-Major One
- Sub-Major Two
- Sub-Major Three

**Semester 1, Year 2**
- Creative Industries Core Unit - List A
- Sub-Major One
- Sub-Major Two
- Sub-Major Three

**Semester 2, Year 2**
- Creative Industries Core Unit - List A
- Sub-Major One
- Sub-Major Two
- Sub-Major Three

**Semester 1, Year 3**
- Sub-Major One
- Sub-Major Two
- Elective

**Semester 2, Year 3**
- Sub-Major One
- Sub-Major Two
- Elective

**STRUCTURE TWO**
- Four Creative Industries Core Units
- Two submajors (6 units each)
- One minor (4 units each)
- Four elective units

**Semester 1, Year 1**
- Creative Industries Core Unit - List A
- Sub-Major One
- Sub-Major Two
- Minor

**Semester 2, Year 1**
- Creative Industries Core Unit - List A
- Sub-Major One
- Sub-Major Two
- Minor

**Semester 1, Year 2**
- Creative Industries Core Unit - List A
- Sub-Major One
- Sub-Major Two
- Elective

**Semester 2, Year 2**
- Creative Industries Core Unit - List A
- Sub-Major One
- Sub-Major Two
- Elective

**Semester 1, Year 3**
- Sub-Major One
- Sub-Major Two
- Minor

**Semester 2, Year 3**
- Sub-Major One
- Sub-Major Two
- Elective

**List A: Creative Industries Core Units**
See Bachelor of Creative Industries (Communication Design) (KI32) for details.

**Sub-Majors**
See Bachelor of Creative Industries (Communication Design) (KI32) for details.

**Creative Industries Open Electives**
See Bachelor of Creative Industries (Communication Design) (KI32) for details.

**Bachelor of Creative Industries (Media and Communication) (KC32)**

**Award title:** Bachelor of Creative Industries (Media and Communication)

**CRICOS code:** 040305G

**Location:** Kelvin Grove

**Course duration (full-time):** 3 Years

**Total credit points:** 288

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

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

**Course coordinator:** Ms Jillian Clare

**Discipline coordinator:** Dr Terry Flew

**Course structure**

**Year 1, Semester 1**
- KCB101 Communication in the New Economy
- KCB213 Strategic Speech Communication
- KCB140 Media And Society: From Printing Press To Internet
- Creative Industries Core Unit - See List A

**Year 1, Semester 2**
- KCB150 Media And Communications Industries
- KCB334 Media and Communication Research Methods
- Creative Industries Core Unit - See List A
- Creative Industries Core Unit - See List A

**Year 2, Semester 1**
- Creative Industries Core Unit - See List A
- Elective
- Elective
- Choose one from the following:
  - KPB209 Australian Television
  - KCB295 Virtual Cultures

**Year 2, Semester 2**
- KCB335 Managing Communication Resources
KCB336 New Media Technologies
Elective

Year 3, Semester 1
KCB349 Media Audiences
KCB311 Political Communication
Elective

Year 3, Semester 2
KCB348 Applied Media Communication
Elective

Choose one from the following:
KCB204 Globalisation And New Media
KKB704 Indigenous Creative Industries
KKB275 Creative Industries Legal Issues

List A: Creative Industries Core Units
See Bachelor of Creative Industries (Communication Design) (KI32) for details.

Sub-Majors
See Bachelor of Creative Industries (Communication Design) (KI32) for details.

Creative Industries Open Electives
See Bachelor of Creative Industries (Communication Design) (KI32) for details.

■ Bachelor of Creative Industries (Television) (KP32)
Award title: Bachelor of Creative Industries (Television)
CRICOS code: 048294G
Location: Kelvin Grove
Course duration (full-time): 3 years
Course coordinator: Dr Alan McKee
Discipline coordinator: Assoc Prof Stephanie Donald

Course structure
Semester 1, Year 1
KPB370 Principles of Television
KPB155 Media Production
OR options below:
If a student has advanced standing in skills and approaches taught in KPB155 Media Production, they may opt to take one of the following as a required unit:
KPB118 Photomedia: Traditions and Techniques OR
KWB111 Media Writing OR
KIB801 Foundations Of Communication Design 1 OR
KMB621 Sound Recording And Acoustics Creative Industries Core Unit Elective

Semester 2, Year 1
KPB141 Film And Television Language
KPB185 Informational Production Creative Industries Core Unit Elective

Semester 1, Year 2
KPB372 Televisual Formats (unit runs over 2 semesters)
KCB349 Media Audiences Creative Industries Core Unit Elective

Semester 2, Year 2
KPB372 Televisual Formats (unit runs over 2 semesters)
KPB351 Advanced Principles of Television OPTIONS - students who have not taken options from Semester 1, Year 1 may do so in semester 2:
KVB509 Photomedia and Artistic Practice OR
KMB638 Sound And Image OR
KWB229 Film And Television Scriptwriting Creative Industries Core Unit

Semester 1, Year 3
KPB275 Television Online
KPB314 Media Business
OR
KPB209 Australian Television Elective

Semester 2, Year 3
KKB320 Workplace Learning (12cp) OR
KKB330 Workplace Learning (24cp)
KJB130 Factual Television Elective (if student chooses 12 credit point Workplace Learning Unit) Elective

List A: Creative Industries Core Units
See Bachelor of Creative Industries (Communication Design) (KI32) for details.

Sub-Majors
See Bachelor of Creative Industries (Communication Design) (KI32) for details.

■ Bachelor of Creative Industries (Visual Arts) (KV32)
Award title: Bachelor of Creative Industries (Visual Arts)
CRICOS code: 040295D
Location: Kelvin Grove
Course duration (full-time): 3 years full-time
Total credit points: 288
Standard credit points per semester (full-time): 48

Discipline coordinator: Assoc Prof David Hawke

Course structure
Year 1, Semester 1
KVB740 Studio Art Practice 1
KVB702 Australian and Indigenous Art Creative Industries Core Unit

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

Year 2, Semester 1
KVB742 Studio Art Practice 3 Creative Industries Core Unit
KVB444 Contemporary Asian Visual Culture

Year 2, Semester 2
KVB703 Video Art And Culture Creative Industries Core Unit Visual Arts Elective Elective

Year 3, Semester 1
Elective
Elective
Elective

Year 3, Semester 2
Visual Arts Elective Elective Elective Elective

List A: Creative Industries Core Units
See Bachelor of Creative Industries (Communication Design) (KI32) for details.

Sub-Majors
See Bachelor of Creative Industries (Communication Design) (KI32) for details.

Visual Arts Electives
KVB447 Drawing
KVB457 Sculpture
KVB503 Clay Materials
KVP507 Painting (semester two only)
KVB509 Photomedia and Artistic Practice
KVB511 Printmaking
Creative Industries Open Electives
See Bachelor of Creative Industries (Communication Design) (KI32) for details.

Bachelor of Fine Arts (Acting) (KS25)
Award title: Bachelor of Fine Arts (Acting)
CRICOS code: 040300A
Location: Kelvin Grove
Course duration (full-time): 3 Years
Total credit points: 288
Course coordinator: Dianne Eden
Discipline coordinator: Dianne Eden

Course structure
Semester 1, Year 1
KSB202 Acting 1
KSB204 Voice And Movement 1
Creative Industries Core Unit
Elective (see note 1)

Semester 2, Year 1
KSB203 Acting 2
KSB205 Voice And Movement 2
KTB251 20th Century Stages
Creative Industries Core Unit

Semester 1, Year 2
KSB011 Music Theatre Skills
KSB247 Acting 3
KSB233 Voice And Movement 3
Elective (see note 1)

Semester 2, Year 2
KSB012 Music Theatre Project
KSB248 Acting 4
KSB234 Voice And Movement 4
KTB271 Studies In Directing

Semester 1, Year 3
KTB253 Staging Australia
KSB255 Theatre Project 1

Semester 2, Year 3
KSB056 Professional Studies
KSB256 Theatre Project 2

NOTE:
1. Students must choose two electives from outside the Acting discipline.
2. KSB202 and KSB203 are Designated units. These units are compulsory units which result in the development of particular skills and abilities. A satisfactory level of performance in a designated unit is a grade of 3 or higher, or S-Satisfactory. This level of achievement is required for successful completion of this course. See Student Rules for more details.

List A: Creative Industries Core Units
See Bachelor of Creative Industries (Communication Design) (KI32) for details.

Creative Industries Open Electives
See Bachelor of Creative Industries (Communication Design) (KI32) for details.

Bachelor of Fine Arts (Communication Design) (KI25)
Award title: Bachelor of Fine Arts (Communication Design)
CRICOS code: 020296B
Location: Kelvin Grove
Course duration (full-time): 3 Years
Total credit points: 288
Course coordinator: Angelina Russo
Discipline coordinator: Angelina Russo

Pathway 1 - Animation
Year 1, Semester 1
KIBB07 Media Technology 1
KVB755 Foundations of Drawing for Animation
Creative Industries Core Unit - List A
Creative Industries Core Unit - List A

Year 1, Semester 2
KVB756 Drawing For Animation 2
KIBB08 Media Technology 2
KIBB14 Enabling Immersion
KMB626 Music And Sound For Multimedia

Year 2, Semester 1
KIBB04 3-D Animation 1
KIBB03 Temporal Media
KIBB09 Interaction Design
KDX104 Architecture Of The Body

Year 2, Semester 2
KIBB20 3-D Animation 2
KIBB16 Interactive Writing
KSB202 Acting 1
KIBB21 Mixed Realities

Year 3, Semester 1
KIBB05 Design Project A
KIBB26 3-D Animation 3
KIBB13 Contemporary Issues In Design and Technology
Elective

Year 3, Semester 2
KIBB06 Design Project B
KIBB056 Professional Studies
Elective

Pathway 2 - Interaction Design
Year 1, Semester 1
KIBB01 Foundations Of Communication Design 1
KIBB07 Media Technology 1
Creative Industries Core Unit - List A
Creative Industries Core Unit - List A

Year 1, Semester 2
KIBB02 Foundations Of Communication Design 2
KIBB08 Media Technology 2
KIBB14 Enabling Immersion
KMB626 Music And Sound For Multimedia

Year 2, Semester 1
KIBB09 Interaction Design
KIBB03 Temporal Media
KIBB04 3-D Animation 1
KIBB16 Interactive Writing

Year 2, Semester 2
KIBB10 Information Architecture
KIBB15 Inter-facing Media
KIBB21 Mixed Realities
PYB057 Applied Cognitive Psychology

Year 3, Semester 1
KIBB05 Design Project A
KIBB22 Informational Arts
KIBB13 Contemporary Issues In Design and Technology
Elective

Year 3, Semester 2
KIBB06 Design Project B
KIBB056 Professional Studies
Elective

Pathway 3 - Sound Design
Year 1, Semester 1
KIBB07 Media Technology 1
KMB619 Music And Sound Technology
KMB657 Music Production 1
Creative Industries Core Unit - List A

Year 1, Semester 2
KIBB08 Media Technology 2
KMB626 Music And Sound For Multimedia
KMB658 Music Production 2
Choose one from:
KMB667 Music and Spirituality
KMB648 The Music Scene

Year 2, Semester 1
KIBB09 Interaction Design
KMB618 Soundtracks For Film And Television
KMB659 Music Production 3
Choose one from:
KMB631 World Music
KMB640 Sex, Drugs, Rock N Roll

Year 2, Semester 2
KIBB15 Inter-facing Media
KMB635 Sound Media Musicanship
KMB660  Music Production 4
Creative Industries Core Unit - List A
Year 3, Semester 1
KMB661-i Music Production 5 - *subject to approval
KMB618 Soundtracks For Film And Television
Elective
Year 3, Semester 2
KMB661-2 Music Production 5 - *subject to approval
KJB056 Professional Studies
Elective
Creative Industries Core Units - KI25 only
KKB008 Narrative in the Creative Industries
KKB018 Creative Industries
KKB418 Cultures and Creativity
KKB618 Writing For Creative Industries
Creative Industries Open Electives
See Bachelor of Creative Industries (Communication Design) (KI32) for
details.

■ Bachelor of Fine Arts (Creative Writing Production) (KW25)
Award title: Bachelor of Fine Arts (Creative Writing Production)
CRICOS code: 040306F
Location: Kelvin Grove
Course duration (full-time): 3 Years
Total credit points: 288
Standard credit points per semester (full-time): 48
Course coordinator: Ms Donna Brien
Discipline coordinator: Assoc Prof Philip Neilsen
Course structure
Semester 1, Year 1
KWB250 Introduction To Creative Writing
KWB111 Media Writing
Creative Industries Core Unit
Elective
Semester 2, Year 1
KWB350 Creative Writing: Short Story
KWB229 Film And Television Scriptwriting
Creative Industries Core Unit
Elective
Semester 1, Year 2
KWB370 Electronic Creative Writing
KWB381 Creative Nonfiction: Arts, Humour, Travel
Elective
Please select one of the following:
KJB224 Feature Writing
KWB315 Persuasive Writing
Semester 2, Year 2
KWB380 Creative Nonfiction: Life Writing
KWB395 Creative Writing Project 1 [12cp]
Elective
Please select one of the following:
KWB712 Youth and Children’s Writing
KWB314 Corporate Writing and Editing
Semester 1, Year 3
KWB382 Editing and Creative Writing [24cp]
Elective
Elective
Semester 2, Year 3
KWB396 Creative Writing Project 2 [36cp]
KWB399 The Writing And Publishing Industry
List A: Creative Industries Core Units
See Bachelor of Creative Industries (Communication Design) (KI32) for
details.
Sub-Majors
See Bachelor of Creative Industries (Communication Design) (KI32) for
details.
Creative Industries Open Electives
See Bachelor of Creative Industries (Communication Design) (KI32) for
details.

■ Bachelor of Fine Arts (Dance) (KD25)
Award title: Bachelor of Fine Arts (Dance)
CRICOS code: 032393B
Location: Kelvin Grove
Course duration (full-time): 3 Years
Total credit points: 288
Standard credit points per semester (full-time): 48
Course coordinator: Mr Evan Jones
Course structure
Year 1, Semester 1
KDX111 Performance 1
KDB180 Dance Technique Studies 1
KDX104 Architecture Of The Body
KDB125 Deconstructing Dance In History
Year 1, Semester 2
KDX112 Performance 2
KDB181 Dance Technique Studies 2
KDX143 Choreographic Studies 1
KDB106 Dance Analysis
Year 2, Semester 1
KDB193 Dance Project 1A
KDB182 Dance Technique Studies 3
KDX144-1Choreographic Studies 2
Year 2, Semester 2
KDB192 Performance 3
KDB183 Dance Technique Studies 4
KDX144-2Choreographic Studies 2
KDB114 Australian Dance
KDB221 Integrated Professional Skills
Year 3, Semester 1
Creative Industries Core Unit - List A
KDX141 Performance 3
KDB182 Dance Technique Studies 3
KDX144-1Choreographic Studies 2
Year 3, Semester 2
KDB199 Dance Project 1B
KKB320 Workplace Learning (12cp)
Choose three from the following units:
KDB159 Dance And Technology 1
KDB172 World Dance
KSB011 Music Theatre Skills
Elective
NOTE
Students wishing to graduate with the Bachelor of Fine Arts (Dance) must
have completed two units outside the Dance area.
List A: Creative Industries Core Units
See Bachelor of Creative Industries (Communication Design) (KI32) for
details.
Creative Industries Open Electives
See Bachelor of Creative Industries (Communication Design) (KI32) for
details.

■ Bachelor of Fine Arts (Fashion Design) (KF25)
Award title: Bachelor of Fine Arts (Fashion Design)
CRICOS code: 046860J
Location: Kelvin Grove
Course duration (full-time): 3 years
Total credit points: 288
Standard credit points per semester (full-time): 48
Course coordinator: Assoc Prof Suzi Vaughan
Course structure
Semester 1, Year 1
KFB401 Design Studio 1
KVB757 Drawing For Fashion 1 (1/2)  
KFB407-1 Textiles  
Creative Industries Core Unit - List A  

Semester 2, Year 2  
KFB402 Design Studio 2  
KVB757 Drawing for Fashion 1 (2/2)  
KFB407-2 Textiles  
KFB408 Fashion In Context  

Semester 1, Year 2  
KVB758 Drawing for Fashion 2 (1/2)  
KFB410-1 Research Seminar  
KFB403 Design Studio 3  
Creative Industries Core Unit - See List A  

Semester 2, Year 2  
KFB404 Design Studio 4  
KVB758 Drawing for Fashion 2 (2/2)  
KFB410-2 Research Seminar  
Elective  
Fashion Elective - choose one from:  
KFB411 Advanced Textiles  
KVB759 Fashion Illustration  
KJB339 Fashion and Style Journalism  

Semester 1, Year 3  
KFB405 Design Studio 5  
KKB320 Workplace Learning (12cp)  
KFB056 Professional Studies (Fashion)  
Elective  

Semester 2, Year 3  
KFB406 Design Studio 6  
KFB412 Applied Planning  
Fashion Elective - choose one from:  
KFB411 Advanced Textiles  
KVB759 Fashion Illustration  
KJB339 Fashion and Style Journalism  
KFB414 Cross Media Design Applications  
KFB415 Design Project  

SOME SUGGESTED BUSINESS PATHWAYS AND ELECTIVES  
Enterprise Development  
MBB227 Product Innovation And Market Development  
MBB223 Technology And International Business  
Marketing and Retailing  
MBB217 Marketing Management  
MBB229 Retail Marketing  

List A: Creative Industries Core Units  
See Bachelor of Creative Industries (Communication Design) (KI32) for details.  

Creative Industries Open Electives  
See Bachelor of Creative Industries (Communication Design) (KI32) for details.  

Bachelor of Fine Arts (Film and Television)  
(KP25)  
Award title: Bachelor of Fine Arts (Film and Television)  
CRICOS code: 040299M  
Location: Kelvin Grove  
Course duration (full-time): 3 Years  
Total credit points: 288  
Course coordinator: Ms Helen Yeates  
Discipline coordinator: Assoc Prof Stephanie Donald  

Course structure - Production Pathway  
Semester 1, Year 1  
KWB111 Media Writing  
KPB155 Media Production  
KPB359 Film History  
Creative Industries Core Unit  

Semester 2, Year 1  
KPB141 Film And Television Language  
KPB185 Informational Production  
KPB305 American Film: Genres and Directors  
OR  
KPB344 International Cinema  
Creative Industries Core Unit  

Semester 1, Year 2  
KPB190 Creative Production  
KPB314 Media Business  
KPB118 Photomedia: Traditions and Techniques  

Semester 2, Year 2  
KPB265 Corporate Production  
KWB229 Film And Television Scriptwriting  
KPB358 Documentary Theory And Practice  

Semester 1, Year 3  
KPB360 Documentary Production  
KPB268 Film And Television Drama Practice  
Elective  

Semester 2, Year 3  
KPB270 Film Drama Production  
Elective  

Course structure - Writing for Screen Pathway  
Semester 1, Year 1  
KWB250 Introduction To Creative Writing  
KWB111 Media Writing  
KPB155 Media Production  
Creative Industries Core Unit  

Semester 2, Year 1  
KPB185 Informational Production  
KWB350 Creative Writing: Short Story  
Creative Industries Core Unit  
Elective  

Semester 1, Year 2  
KPB190 Creative Production  
KWB229 Film And Television Scriptwriting  
Elective  

Semester 2, Year 2  
KPB265 Corporate Production  
KWB380 Creative Nonfiction: Life Writing  
KWB399 The Writing And Publishing Industry  

Semester 1, Year 3  
KPB268 Film And Television Drama Practice  
KWB370 Electronic Creative Writing  
KPB314 Media Business  
KTB307 Writing For Performance  

Semester 2, Year 3  
KPB270 Film Drama Production  
KWB395 Creative Writing Project 1 [12cp]  
OR  
KWB712 Youth and Children’s Writing  

Course structure - Multimedia Pathway  
Semester 1, Year 1  
KWB111 Media Writing  
KPB155 Media Production  
KKB807 Media Technology 1  
Creative Industries Core Unit  

Semester 2, Year 1  
KPB185 Informational Production  
KKB808 Media Technology 2  
KJB816 Interactive Writing  
Creative Industries Core Unit  

Semester 1, Year 2  
KPB190 Creative Production  
KJB809 Interaction Design  
KJB803 Temporal Media  

Semester 2, Year 2  
KPB358 Documentary Theory And Practice  
KJB804 3-D Animation 1  
KJB810 Information Architecture  
KMB826 Music And Sound For Multimedia  

Semester 1, Year 3  
KPB360 Documentary Production  
KPB314 Media Business  
KJB805 Design Project A  

Semester 2, Year 3  
KWB229 Film And Television Scriptwriting  
KJB822 Informational Arts  
Elective  
Elective  

List A: Creative Industries Core Units  
See Bachelor of Creative Industries (Communication Design) (KI32) for details.
Creative Industries Open Electives
See Bachelor of Creative Industries (Communication Design) (KI32) for details.

### Bachelor of Fine Arts (Technical Production) (KS26)

**Award title:** Bachelor of Fine Arts (Technical Production)

**CRICOS code:** 040301M

**Location:** Kelvin Grove

**Course duration (full-time):** 3 years

**Total credit points:** 288

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

**Course coordinator:** Ms Sue Benfer

**Discipline coordinator:** Ms Dianne Eden

#### Course structure

**Year 1, Semester 1**
- KSB274 Theatrecraft
- KSB289 Technical Production 1
- KSB292 Stage Management 1
- Creative Industries Core Unit

**Year 1, Semester 2**
- KMB621 Sound Recording And Acoustics
- KT251 20th Century Stages
- Creative Industries Core Unit
- Elective (see note 1)

**Year 2, Semester 1**
- KSB290 Technical Production 2
- KSB293 Stage Management 2
- KTB253 Staging Australia
- KSB276 Visual Theatre - Design

**Year 2, Semester 2**
- KSB291 Technical Production 3
- KTB271 Studies In Directing
- KTB061 Arts Management
- Elective (see note 1)

**Year 1, Year 3**
- KSB294 Stage Management 3
- KSB255 Theatre Project 1

**Year 2, Year 3**
- KSB056 Professional Studies
- KSB256 Theatre Project 2

**NOTES:**
1. Students must choose two electives outside the Technical Production Discipline.

#### List A: Creative Industries Core Units

See Bachelor of Creative Industries (Communication Design) (KI32) for details.

### Creative Industries Open Electives

See Bachelor of Creative Industries (Communication Design) (KI32) for details.

### Bachelor of Fine Arts (Visual Arts) (KV25)

**Award title:** Bachelor of Fine Arts (Visual Arts)

**CRICOS code:** 040302K

**Location:** Kelvin Grove

**Course duration (full-time):** 3 Years

**Total credit points:** 288

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

**Discipline coordinator:** Assoc Prof David Hawke

#### Course structure - Studio Pathway

**Semester 1, Year 1**
- KVB702 Australian and Indigenous Art
- KVB740 Studio Art Practice 1*
- Creative Industries Core Unit

**Semester 2, Year 1**
- KVB701 Modernism
- KVB741 Studio Art Practice 2*
- Elective

**Semester 1, Year 2**
- KVB742 Studio Art Practice 3
- KVB444 Contemporary Asian Visual Culture

**Semester 2, Year 2**
- KVB743 Studio Art Practice 4
- KVB703 Video Art And Culture
- Elective

**Semester 1, Year 3**
- KVB744 Studio Project 1
- KVB712 Contemporary Art Issues
- Elective

**Semester 2, Year 3**
- KVB745 Studio Project 2
- KVB704 Theories Of Spatial Culture
- Elective

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

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

### Course structure - Intermedia Pathway

**Semester 1, Year 1**
- KVB740 Studio Art Practice 1*
- KMB657 Music Production 1
- Creative Industries Core Unit

**Semester 2, Year 1**
- KVB741 Studio Art Practice 2*
- KMB658 Music Production 2
- KKB818 Introduction To Multimedia Technology

**Semester 1, Year 2**
- KMB659 Music Production 3
- KMB621 Sound Recording And Acoustics
- Creative Industries Core Unit
- Elective

**Semester 2, Year 2**
- KJB808 Media Technology 2
- KMB635 Sound Media Musicianship
- KMB660 Music Production 4
- KVB703 Video Art And Culture

**Semester 1, Year 3**
- KMB661 Music Production 5
- KVB712 Contemporary Art Issues
- KJB809 Interaction Design

**Semester 2, Year 3**
- KMB661 Music Production 5
- KMB638 Sound And Image
- Elective

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

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

#### List A: Creative Industries Core Units

See Bachelor of Creative Industries (Communication Design) (KI32) for details.

### Creative Industries Open Electives

See Bachelor of Creative Industries (Communication Design) (KI32) for details.

### Bachelor of Journalism (KJ32)

**Award title:** Bachelor of Journalism

**CRICOS code:** 040293F

**Location:** Kelvin Grove

**Course duration (full-time):** 3 Years

**Total credit points:** 288

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

**Discipline coordinator:** Dr Lee Duffield

**Course coordinator:** Prof Michael Bromley
Professional Recognition
Creative Industries’ Journalism degrees are recognised by the Australian Journalists’ Association section of the Media, Entertainment and Arts Alliance.

Full time course structure

**Semester 1, Year 1**
- KJB120 Newswriting
- KJB101 Journalism Information Systems
- Creative Industries Core Unit - List A
- Elective

**Semester 2, Year 1**
- KJB121 Journalistic Inquiry
- KCB213 Strategic Speech Communication
- KKB275 Creative Industries Legal Issues
- Creative Industries Core Unit - List A

**Semester 1, Year 2**
- KPB155 Media Production
- KJB224 Feature Writing
- KJB239 Journalism Ethics And Issues
- Creative Industries Core Unit - List A

**Semester 2, Year 2**
- KJB232 Radio And Television Journalism 1
- KKB275 Creative Industries Core Unit - List A
- Elective

**Semester 1, Year 3**
- KJB322 Desktop Publishing And Editing
- KJB338 Radio And Television Journalism 2
- Elective
- Elective

**Semester 2, Year 3**
- KJB303 News Production
- KJB337 Public Affairs Reporting
- Elective
- Elective

**NOTES:**
* Students must enrol in at least four electives outside of their discipline area.

**List A: Creative Industries Core Units**
See Bachelor of Creative Industries (Communication Design) (KI32) for details.

**Sub-Majors**
See Bachelor of Creative Industries (Communication Design) (KI32) for details.

**Creative Industries Open Electives**
See Bachelor of Creative Industries (Communication Design) (KI32) for details.

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**Bachelor of Music (KM32)**

**Award title:** Bachelor of Music  
**CRICOS code:** 022140F  
**Location:** Kelvin Grove  
**Course duration (full-time):** 3 Years  
**Total credit points:** 288  
**Course coordinator:** Assoc Prof Adrian Thomas  
**Discipline coordinator:** Prof Andy Arthurs

**Course Structure**

**Year 1, Semester 1**
- KMB651 Music Performance 1  
- KMB632 Core Musicianship 1  
- KMB619 Music And Sound Technology  
- Creative Industries Core Unit

**Year 1, Semester 2**
- KMB652 Music Performance 2  
- KMB633 Core Musicianship 2  
- KMB621 Sound Recording And Acoustics  
- Choose one from:  
  - KMB648 The Music Scene  
  - KMB638 Sound And Image  
  - KMB667 Music and Spirituality  
  - KMB622 Multi-Instrumental Music A

**Year 2, Semester 1**
- KMB653 Music Performance 3  
- KMB630 Music Textures  
- KMB637 Jazz And Popular Music Musicianship

**Year 2, Semester 2**
- KMB654 Music Performance 4  
- KMB635 Sound Media Musicianship  
- KMB636 Cross Cultural Musicianship  
- Choose one from:  
  - KMB640 Sex, Drugs, Rock N Roll  
  - KMB631 World Music  
  - KMB616 Group Music  
  - KMB618 Soundtracks For Film And Television  
  - KMB623 Conducting  
  - Creative Industries or other non-music elective

**Year 3, Semester 1**
- KMB655 Music Performance 5  
- Creative Industries or other non-music elective  
- Choose one from:  
  - KMB618 Soundtracks For Film And Television  
  - KMB631 World Music  
  - KMB623 Conducting  
  - KMB616 Group Music  
  - KMB640 Sex, Drugs, Rock N Roll

**Year 3, Semester 2**
- KMB655 Music Performance 5  
- Creative Industries or other non-music elective  
- Choose one from:  
  - KMB617 Arranging  
  - KMB056 The Music Industry  
  - KMB648 The Music Scene  
  - KMB638 Sound And Image  
  - KKB057 Independent Study  
  - KMB626 Music And Sound For Multimedia  
  - KMB667 Music and Spirituality

**INDEPENDENT STUDY:** Requires a GPA of 5 or higher.

**NOTES:**
- KMB619 Delivered in intensive mode prior to the start of semester 1.  
- KMB655 Students who have completed the unit KMB681 Music Project 1 but not its successor, KMB682, should enrol in KMB682, available in both semesters of 2004. You should not enrol in KMB655.  
- In addition to the two Faculty Core units in semesters 1 and 4, students must pass a minimum of two and a maximum of four other non-music units offered by the Faculty of Creative Industries OR from any discipline or disciplines within QUT with the exception of Education.

**Course Structure**

**Year 1, Semester 1**
- KMB657 Music Production 1  
- KMB632 Core Musicianship 1  
- KMB619 Music And Sound Technology  
- Creative Industries Core Unit

**Year 1, Semester 2**
- KMB658 Music Production 2  
- KMB633 Core Musicianship 2  
- KMB626 Music And Sound For Multimedia  
- Choose one from:  
  - KMB648 The Music Scene  
  - KMB638 Sound And Image  
  - KMB667 Music and Spirituality

**Year 2, Semester 1**
- KMB659 Music Production 3  
- KMB630 Music Textures  
- KMB637 Jazz And Popular Music Musicianship  
- OR

**Year 2, Semester 2**
- KMB659 Music Production 3  
- KMB630 Music Textures  
- KMB637 Jazz And Popular Music Musicianship  
- OR

Q U T H A N D B O O K 2 0 0 4 • P A G E 1 6 0
KMB631 World Music
KMB616 Group Music
KMB640 Sex, Drugs, Rock N Roll
KMB618 Soundtracks For Film And Television
KMB623 Conducting Creative Industries or other non-music elective

<table>
<thead>
<tr>
<th>Year 2, Semester 2</th>
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<tr>
<td>KMB660 Music Production 4</td>
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<tr>
<td>KMB365 Sound Media Musicanship OR</td>
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<td>KMB634 Contemporary Art Music Musicanship Creative Industries Core Unit</td>
<td>Choose one from:</td>
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<tr>
<td>KMB617 Arranging</td>
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<td>KMB626 Music And Sound For Multimedia</td>
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<td>KMB616 Group Music</td>
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<td>KMB638 Sound And Image</td>
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<tr>
<td>KMB648 The Music Scene</td>
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<td>KMB667 Music and Spirituality Creative Industries or other non-music elective</td>
<td>Choose one from:</td>
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<td>KMB681 World Music</td>
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<td>KMB640 Sex, Drugs, Rock N Roll</td>
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<td>KMB616 Group Music</td>
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<td>KMB623 Conducting</td>
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<th>Year 3, Semester 1</th>
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<td>KMB661 Music Production 5 Creative Industries or other non-music elective</td>
<td>Choose one from:</td>
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<td>KMB618 Soundtracks For Film And Television</td>
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<td>KMB631 World Music</td>
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<td>KMB640 Sex, Drugs, Rock N Roll</td>
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<td>KMB616 Group Music</td>
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<td>KMB623 Conducting Year 3, Semester 2</td>
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<td>KMB661 Music Production 5 Creative Industries or other non-music elective</td>
<td>Choose one from:</td>
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<td>KMB616 Group Music</td>
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<td>KMB617 Arranging</td>
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<td>KMB626 Music And Sound For Multimedia</td>
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**NOTES:**

KMB619 Delivered in intensive mode prior to the start of semester 1.
KMB655 Students who have completed the unit KMB681 Music Project 1 but not its successor, KMB682, should enrol in KMB682, available in both semesters of 2004. You should not enrol in KMB655.
In addition to the two Faculty Core units in semesters 1 and 4, students must pass a minimum of two and a maximum of four other non-music units offered by the Faculty of Creative Industries OR from any discipline or disciplines within QUT with the exception of Education.

**List A: Creative Industries Core Units**

See Bachelor of Creative Industries (Communication Design) (KI32) for details.

**Creative Industries Open Electives**

See Bachelor of Creative Industries (Communication Design) (KI32) for details.

**Associate Degree (Dance) (KD15)**

**Award title:** Associate Degree (Dance)

**CRICOS code:** 018478C

**Location:** Kelvin Grove

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

**Total credit points:** 192

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

**Course coordinator:** Mr Evan Jones

**Discipline coordinator:** Assoc Prof Cheryl Stock

**Associate Degree in Dance**

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
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<tbody>
<tr>
<td>KDX111 Performance 1</td>
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<td>KDB180 Dance Technique Studies 1</td>
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<tr>
<td>KDX104 Architecture Of The Body</td>
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<tr>
<td>KDB125 Deconstructing Dance In History</td>
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</table>

International students have an option to study the following instead of KDB125 Deconstructing Dance in History

**QCD110 Communication For Business**

**Year 2, Semester 2**

| KDX112 Performance 2 |                                                                 |
| KDB181 Dance Technique Studies 2 |                                                                 |
| KDX143 Choreographic Studies 1 |                                                                 |
| KDB106 Dance Analysis International students have an option to study the following instead of KDB106 Dance Analysis |

**QCD210 Communication For Business 2**

**Year 2, Semester 1**

| KDX141 Performance 3 |                                                                 |
| KDB182 Dance Technique Studies 3 |                                                                 |
| KDX144-1 Choreographic Studies 2 |                                                                 |

Choose one of the following:

**KDB172 World Dance**

**KSB011 Music Theatre Skills**

**Elective Semester 2, Year 2**

| KDX142 Performance 4 |                                                                 |
| KDB183 Dance Technique Studies 4 |                                                                 |
| KDX144-2 Choreographic Studies 2 |                                                                 |

**Creative Industries Open Electives**

See Bachelor of Creative Industries (Communication Design) (KI32) for details.

**Advanced Certificate in Dance Teaching (KD06)**

**Award title:** Advanced Certificate in Dance Teaching

**Location:** External

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

**Course duration (external):** 1 semester full-time; 2 semesters part-time

**Total credit points:** 96

**Course coordinator:** Ms Jude Smith

**Course Structure**

Students are required to complete eight units. Students should contact the Course Coordinator to discuss their enrolment program

**Full-time Students**

Select three units from both First and Second semesters and both units in the Summer Program.

**Part-time Students**

Select two units from both First and Second semesters and one or both units in the Summer Program.

**First Semester**

| KDB189 |                                                                 |
| KDB190 Professional Practice And Business Administration For Dance Teachers |                                                                 |
| KDB191 Dance Teaching Methodologies |                                                                 |
| KDB192 Stagecraft And Costume Design For Dance |                                                                 |
| KDB197 Dance Analysis And Dance Histories |                                                                 |
| KDB198 Safe Dance Practice |                                                                 |

**Second Semester**

| KDB189 Dance Assessment And Reporting Procedures (\*name to be approved) |                                                                 |
| KDB190 Professional Practice And Business Administration For Dance Teachers |                                                                 |
| KDB191 Dance Teaching Methodologies |                                                                 |
| KDB192 Stagecraft And Costume Design For Dance |                                                                 |
| KDB197 Dance Analysis And Dance Histories |                                                                 |
| KDB198 Safe Dance Practice |                                                                 |

**Summer Program**

(Full-time students select both units, part-time students select one or both units)

| KDB195 Dance Teaching Studies 1 |                                                                 |
| KDB196 Dance Teaching Studies 2 |                                                                 |
Certificate in Dance Teaching (KD05)

Award title: Certificate in Dance Teaching  
Location: External  
Course duration (full-time): 1 semester  
Course duration (part-time): 1 year  
Total credit points: 48  
Standard credit points per semester (full-time): 48  
Standard credit points per semester (part-time): 24  
Course coordinator: Ms Jude Smith

Course Structure

Students are required to complete four units - the core unit (KDB198) and 3 electives. Students should contact the Course Coordinator to discuss their enrolment program.

Full-time Students

Select four units (one core (KDB198) and three electives) from either First or Second Semester.

Part-time Students

Select four units (one core (KDB198) and three electives) across First or Second Semester. Students may choose to replace one elective with the summer residency.

First Semester

KDB198 Safe Dance Practice  
KDB189 Dance Assessment And Reporting Procedures (*name to be approved)  
KDB190 Professional Practice And Business Administration For Dance Teachers  
KDB191 Dance Teaching Methodologies  
KDB197 Dance Analysis And Dance Histories

Second Semester

KDB198 Safe Dance Practice  
KDB189 Dance Assessment And Reporting Procedures (*name to be approved)  
KDB190 Professional Practice And Business Administration For Dance Teachers  
KDB191 Dance Teaching Methodologies  
KDB197 Dance Analysis And Dance Histories

Summer Program

KDB195 Dance Teaching Studies 1 (residency)
Section Three – Course Information

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OVERVIEW

QUT’s Faculty of Education is the largest provider of teacher education in Australia with over 5000 students; over 2000 of which are in postgraduate courses.

The strong, practical theme in the Faculty’s courses provides a balance of theory and practical skills that ensures graduates are not limited by the employment opportunities provided by classroom teaching alone.

Based at the Kelvin Grove campus of QUT, the Faculty comprises four schools. All courses meet national and international standards. Our continuing commitment to preservice teacher education is backed by a growing commitment to inservice teacher education and postgraduate programs, and an extension into allied professional and academic areas.

SENIOR STAFF

Faculty Office
Dean: Professor Vi McLean, DipT BKTC, BEdSt Qld, MEd PhD Arizona

Director, Academic Programs: Dr I Macpherson, BA, DipEd, BEd, MEdSt Qld, PhD Penn St, MACE

Faculty Administration Manager: B. Zebergs

School of Cultural and Language Studies in Education
Head: Associate Professor J Brannock
Professor: N. Kyle, BA(Hons) PhD N’cle
Associate Professors:
P.A. McKay, BEd SACA, MA ASU, PhD Qld
P. Singh, DipT TCAE, BEdSt(Hons) Qld, PhD Qld
S.C. Taylor, BSc(Hons) DipEd Leic, BEd(Hons) PhD James Cook

School of Early Childhood
Head: C. Tayler, DipTeach BEd MLCAE, PhD UWA, FACE
Associate Professors:
S.K. Wright, BEd MEd Alta, PhD N’cle (NSW)

School of Learning & Professional Studies
Head: Professor: W. Patton, BEd James Cook, BA(Hons) PhD Qld

Professor: G.M. Boulton-Lewis, CertT NSW, BA PhD Canberra CAE, BA PhD Qld, FACE

Associate Professors:
R.R. Ballantyne, BA(Hons) UED MA Natal, PhD CapeT
B. Delahaye, BBus QIT, MBA Qld, PhD Griff, CMAHRI, AIMM
R.G. Elliott, BSc, BEd(Hons) PhD Qld

School of Mathematics, Science and Technology Education
Head: Professor T.J. Cooper, BSc(Hons) DipEd PhD Adel

Professors:
L.D. English, DipT BEd MEd KGCAE, PhD Qld
C.J. McRobbie, BSc BEd Qld, MSc Pacific, PhD Monash, MACE, MRACI

RESEARCH CENTRES

Centre for Mathematics, Science and Technology Education

The Centre for Mathematics, Science and Technology Education is dedicated to developing excellence in mathematics and science education through research and the application of this research to graduate teaching and research training, consultancy, curriculum development and the production of educational resources.

The Centre draws upon staff who are experienced in pre-service, in-service, higher degree and continuing education courses, and in supervising theses in mathematics, science and technology education, support researchers with specialist skills and experiences, students, research assistants, and collaborators across fields of knowledge with potential to inform research in mathematics, science and technology education.

The goals of the Centre are:
• to promote a numerate, scientifically and technology literate society;
• to bring to the community the benefits of learning and research in mathematical, scientific, technological and related domains;
• to provide a focus for teaching, research, development, consultation and postgraduate courses in the areas relating to these domains.

Centre for Innovation in Education

The Centre for Innovation in Education aims to conduct research in the following three focus areas of education:
• Pedagogy and Lifespan Learning
• Policy Development and Service Delivery
• Learning Organisations in Social Contexts.

These focus areas reflect both the research expertise and recent research achievements of members of the Centre and the broader focus of Faculty research, which has knowledge work as its unifying component.

The CIE aims to contribute to the overall goal of the Faculty to be in the top 10 Australian contributors to internationally recognised educational research, a leader in collaborative research with the education professions, and a nationally recognised innovator in research education.
Doctor of Education (ED11)

Award title: Doctor of Education
CRICOS code: 015023C
Location: Kelvin Grove

Course duration (part-time): 3.5 years for holders of a relevant Masters degree part-time; 4.5 years without a relevant Masters part-time.

Total credit points: 288

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

Course coordinator: Dr Susan Danby

Course Structure
The degree consists of 288 credit points of which 72 credit points are coursework, followed by a thesis of 216 credit points. All coursework must be completed before work can commence on the thesis. For the unit Interdisciplinary Education Studies (a 24 credit point unit), students undertake a four-day on-campus study school in January of their commencing year. Subsequently, in the second and third semesters of their enrolment, students attend two four-day study schools on campus (July and the following January) in which they work on the methodology and design of their thesis (each unit worth 24 credit points).

The thesis is undertaken in one of the research centres of the Faculty. You are expected to develop a high level of research skill and analysis and make an original contribution to knowledge and professional practice.

Stage 1: Coursework
The 72 credit points of coursework in Stage 1 will consist of:
(i) four 12 credit point Master of Education coursework units; and
(ii) one 24 credit point semester-long unit (EDR703 Interdisciplinary Education Studies [Advanced Seminars]).

All candidates do this as their first on-campus summer school.

Note: Students entering the course with an Master of Education degree (or equivalent) should apply for exemption from the four 12 credit point units.

Stage 2: Research
These 216 credit points are the thesis component of the award which contains the following steps:

Thesis Preparation
During the preparation of the thesis, candidates will be required to demonstrate an understanding of the research process. This understanding will include a capacity to critique research literature, to assess research designs and evaluate the appropriateness of research methodologies. This preparation step will involve a 20,000 word maximum. (This work will be the focus of the first winter school and second summer school).

Thesis Confirmation of Candidature
All candidates must prepare and orally present a research proposal. This oral presentation must be accompanied by a 10,000 word paper.

Thesis Implementation
All candidates must design, implement and orally defend a thesis of 60,000 words minimum or equivalent.

Thesis Submission
Completion and oral presentation of a thesis or alternative to a Faculty review panel for approval; production of the thesis in a suitable form for examination.

Provisional Enrolment
With the Dean of Education’s approval, students with less qualifications but exemplary professional practice may be given provisional entry.

(i) A candidate so admitted shall be required to complete the four designated qualifying units at credit level (grade of 5) or better.

(ii) A candidate who completes course units at a satisfactory level during the period of provisional enrolment will be permitted to count these units towards the degree.

(iii) Unless the Faculty Academic Board accepts that exceptional circumstances justify extension of provisional status, it must be cleared within one calendar year from enrolment in the course. Such clearance will require submission of a positive recommendation by the Course Coordinator for approval by the Faculty Academic Board. The maximum period of extension of provisional candidacy shall be one year.

Standard Course structure

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1, Semester 1</td>
<td>EDR703</td>
<td>Interdisciplinary Education Studies [Advanced Seminars]</td>
</tr>
<tr>
<td>Year 1, Semester 1</td>
<td>EDR702/1</td>
<td>Thesis (Preparation)</td>
</tr>
<tr>
<td>Year 2, Semester 1</td>
<td>EDR702/2</td>
<td>Thesis (Preparation)</td>
</tr>
<tr>
<td>Year 2, Semester 2</td>
<td>EDR702/3</td>
<td>Thesis (Confirmation)</td>
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<tr>
<td>Year 3, Semester 1</td>
<td>EDR702/4</td>
<td>Thesis (Implementation)</td>
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<tr>
<td>Year 3, Semester 2</td>
<td>EDR702/5</td>
<td>Thesis (Implementation)</td>
</tr>
<tr>
<td>Year 3, Semester 2</td>
<td>EDR702/6</td>
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</tr>
<tr>
<td>Year 3, Summer Program</td>
<td>EDR702/7</td>
<td>Thesis (Implementation)</td>
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<tr>
<td>Year 4, Semester 1</td>
<td>EDR702/8</td>
<td>Thesis (Implementation)</td>
</tr>
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<td>Year 4, Semester 2</td>
<td>EDR702/9</td>
<td>Thesis (Submission)</td>
</tr>
</tbody>
</table>

Master of Education (ED13)

Award title: Master of Education (Study Area A)
CRICOS code: 047454D
Location: Kelvin Grove and External

Course duration (full-time): 1 year
Course duration (part-time): 2 years

Total credit points: 96

Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24

Course coordinator: Dr Donna Berthelsen

Course Structure
The course consists of a total of 96 credit points from studies in coursework, or a combination of coursework and research units from across the following areas of interest: adult and workplace education, behaviour management, career guidance, early childhood education, higher education, information and communication technology, language and literacy education, leadership and management, leading learning and teaching in the middle years, learning support and inclusive education, mathematics education, physical and health education, school guidance and counselling, and science education.

Students are required to obtain a total of 96 credit points from studies in coursework units or from a combination of coursework and research studies. The course core unit Understanding Educational Research must be undertaken in the first semester of enrolment in the course, and either

Option 1
For those students who want their parchment annotated with their chosen area of interest, four units from the chosen area of interest, including the foundation unit for that area of interest, plus three units from anywhere within the course must be completed, or
Option 2
For those students who choose not to have their parchment annotated with their chosen area of interest, seven units must be completed from anywhere within the course.

Course structure

Course Structure Option 1 - Area of Interest
Course Core Unit (this unit must be completed in the first semester of enrolment):
EDN611 Understanding Educational Research
Select 48 credit points from one area of interest, including the Area of Interest Foundation unit, and 36 credit points from anywhere within the course.

Course Structure Option 2 - no Area of Interest
Course Core Unit (this unit must be completed in the first semester of enrolment):
EDN611 Understanding Educational Research
Select seven units (84 credit points) from anywhere within the course.

Faculty Units - Individually Supervised Units

Research units
EDN611 Understanding Educational Research
NOTE: EDN611 must be completed in the first semester of enrolment
EDN612 Conducting Educational Research
Note that students intending to enrol in EDN608 or EDN620 must first have completed both EDN611 and EDN612.
EDN620 Dissertation
Students enrol in 3 stages EDN620/1 Dissertation (Stage 1), EDN620/2 Dissertation (Stage 2) and EDN620/3 Dissertation (Stage 3)
EDN608 Project
Students enrol in 2 stages EDN608/1 Project (Stage 1) and EDN608/2 Project (Stage 2)
EDN603 Independent Study
EDN602 Advanced Seminars
Students may elect to have EDN603, EDN608 or EDN620 allocated to the chosen area of interest provided the research relates to that area.

Areas of Interest

Adult and Workplace Education
Foundation unit:
SPN621 Adult And Workplace Education: Principles And Practices
SPN622 Legal Risks Management And Workplace Education
SPN623 Strategic Workplace Education and the Learning Organisation
SPN624 Foundations Of Adult Learning And Development
CLN602 Diversity and Multiliteracies
CLN604 Globalisation & Educational Change
CLN601 Cyberlearning: Information & Knowledge in the Digital Age

Behaviour Management
Foundation unit:
SPN617 Issues In Classroom Management
CLN632 Youth Focussed Behaviour Management And Schools
SPN615 Educational Intervention For Challenging Behaviour In The Classroom
SPN616 Behaviour Management: Programs And Planning

Career Guidance
Foundation unit:
SPN618 Career Development Programs
SPN612 Psychoeducational Assessment
SPN619 Career Theory
SPN620 Career Counselling

Early Childhood Education
Foundation unit:
EAN608 Constructions Of Childhood And Early Education
EAN601 Early Childhood Teachers Knowledge In Action
EAN602 Leading Early Childhood Services And Policies For Future Generations
EAN603 Development In Early Childhood Contexts
EAN604 Young Children, Families And Community
EAN607 Consultation And Teamwork
EAN606 Including Children Who Have Disabilities In Early Childhood Programs

Higher Education
Foundation unit:
EDN626 Learning And Teaching In Higher Education
EDN627 Contexts And Issues In Higher Education
EDN628 Postgraduate Research Supervision
EDN629 Presentation And Delivery Modes In Higher Education
EDN630 Higher Education: Curriculum Design, Assessment And Evaluation

Information and Communication Technology
Foundation unit:
MDN633 Curriculum Studies In Technology Education
MDN619 Technologically Supported Teaching And Learning Environments
MDN623 Communications Technology In Education
MDN637 Flexible Delivery: Pedagogical Issues And Imperatives
MDN632 Databases In Educational Context
CLN601 Cyberlearning: Information & Knowledge In The Digital Age

Language and Literacy Education
Foundation unit:
CLN609 Language, Literacies And Learning
CLN601 Cyberlearning: Information & Knowledge In The Digital Age
CLN602 Diversity And Multiliteracies
CLN603 Designing Spaces For Learning
CLN604 Globalisation & Educational Change
CLN605 Intercultural Pedagogies: Comparative Perspectives

Leadership and Management
Foundation unit:
SPN625 Changing Agendas In Leadership
SPN626 Leading And Managing People
SPN627 Policy Development And Analysis
SPN628 Leadership For Change
SPN629 Current Issues In Leadership
CLN604 Globalisation & Educational Change

Leading Learning and Teaching in the Middle Years
Foundation unit:
SPN633 Critical Frameworks For Analysing The Middle Years Of Schooling
MDN637 Flexible Delivery: Pedagogical Issues And Imperatives
SPN634 Rethinking Programs And Pedagogies: The Middle Years Of Schooling
SPN635 Assessment And Reporting In The Middle Years Of Schooling
CLN602 Diversity And Multiliteracies

Learning Support and Inclusive Education
Foundation unit:
SPN613 Learners With Special Needs: Programming For Inclusive Education
CLN631 Policies And Practices For Inclusive Education
EAN607 Consultation And Teamwork
SPN614 Teaching Students With Learning Difficulties/Disabilities
SPN615 Educational Intervention For Challenging Behaviour In The Classroom

Mathematics Education
Foundation unit:
MDN624 Contemporary Mathematics Curriculum: Context And Challenge
MDN626 Pedagogy In Mathematics Education
MDN627 Student Assessment In Mathematics
MDN636 Understanding Concepts In Mathematics And Science

Physical and Health Education
For continuing students only.
Not available to commencing students in 2004
HMM201 Developing Teaching And Learning Initiatives For The Health And Physical Education Key Learning Area
HMM202 Developing And Assessing Higher Order Thinking Skills In School Physical Education
HMM203 Application Of The Sciences To Teaching And Learning In Physical Education And Sport
NOTE: Students must either undertake EDN611 before EDN612 or EDN611 Understanding Educational Research
First Semester of Study
Standard Full-time Course Structure
the Master of Education (Research).

The preparation stage involves the acquisition of knowledge of a research method to be used in the study and commencement of a range of appropriate research methods and in-depth knowledge of the proposed research, preparation of a research proposal including a draft review of the literature and research methods, and presentation and justification of the proposal to other students and academic staff at a confirmation of candidature seminar. The implementation involves execution of the research for the thesis. The submission stage is the completion and presentation of a thesis at a Final Oral seminar for approval by the final oral review panel, followed by production of the thesis in a suitable form for examination.

Course Requirements
University / Faculty rules governing credit, supervision, confirmation of candidature and examination of thesis apply to the Master of Education (Research).

Second Semester of Study
EDN612 Conducting Educational Research
IFN300 Masters Research
In instances where a candidate has exceeded the normal course duration and an extension of time has been approved students may enrol in:
IFN101 Full-time Masters Research (Extension)

Standard Part-time Course Structure
First Semester of Study
EDN611 Understanding Educational Research
IFN302 Masters Research
NOTE: Students must either undertake EDN611 before EDN612 or undertake them concurrently.

Second Semester of Study
EDN612 Conducting Educational Research
IFN302 Masters Research

Third Semester of Study
IFN200 Masters Research

Fourth Semester of Study
IFN200 Masters Research
In instances where a candidate has exceeded the normal course duration and an extension of time has been approved students may enrol in:
IFN201 Part-time Masters Research (extension)

Master of Education (Teaching English to Speakers of Other Languages - TESOL) (ED14)
Award title: Master of Education (TESOL)
CRICOS code: 002330K
Location: Kelvin Grove
Course duration (full-time): 1 year
Course duration (part-time): 2 years
Total credit points: 96
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Dr Jane Crawford

Entry requirements
Applicants must possess an appropriate bachelor degree or equivalent at a standard acceptable to the Dean of the Faculty OR other qualifications acceptable to the Dean, which may include substantial work experience in TESOL or involvement in other relevant professional research activities AND at least one year’s practical experience in some branch of education acceptable to the Dean.

Applicants who are non-native speakers of English must meet the University’s English language proficiency entry requirements.

Course structure
Students in the Masters program are required to complete 96 credit points of study and in doing so, undertake two compulsory units of 12 credit points each Second Language Acquisition and Principles of Second Language Methodology. Students then have the choice of pursuing one of two options:

Option 1: requires the completion of six elective units of 12 credit points each Second Language Education

- Research Methods in Second Language Education
- Language and Culture
- Directed Reading in Second Language Education
- Technology and Second Language Learning
- Language Assessment and Program Evaluation
- in TESOL
- Personalised Language Development
- Second Language Curriculum Design Options
- Sociolinguistics
- From Theory to Practice: Practical Applications in the TESOL Classroom
- Grammar for Teachers
- English Language Teaching Management
- Functional Grammar and Discourse
- Adult Literacy and Second Language Learners
Option 2: requires the completion of elective units and a 24 or 36 credit point research project to total 96 credit points.

**Graduate Certificate in Education (TESOL) - Exit Point**

Graduate Certificate Exit Point

Following the successful completion of four Master of Education (TESOL) units (including two core units and two electives), students may elect either to discontinue enrolment and graduate with a Graduate Certificate in Education (TESOL), or to pursue a further four units in order to complete the Master of Education (TESOL).

**Provisional Enrolment**

Students who do not meet the entry requirements may be admitted on a provisional basis and be required to undertake preliminary coursework and reading as determined by the course coordinator. After satisfactory completion of the preliminary studies students may be admitted to full candidature.

**Full-time Course structure**

**First semester of study**

- CLN608 Second Language Acquisition
- CLN612 Principles Of Second Language Methodology

**Second semester of study**

- Elective unit
- Elective unit
- Elective unit
- Elective unit

**Part-time Course structure**

**First semester of study**

- CLN608 Second Language Acquisition
- CLN612 Principles Of Second Language Methodology

**Second semester of study**

- Elective unit
- Elective unit
- Elective unit
- Elective unit

**Third semester of study**

- Elective unit
- Elective unit

**Fourth semester of study**

- Elective unit
- Elective unit

**Elective units**

Note, a selection of these units will be offered each semester.

Some electives may be offered in Summer Program.

- CLN613 Second Language Curriculum Design Options
- CLN614 Research Methods And Second Language Education
- CLN615 Directed Reading In Second Language Education
- CLN616 Language Assessment And Program Evaluation In TESOL
- CLN617 Personalised Language Development
- CLN618 Technology And Second Language Learning
- CLN619 Functional Grammar And Discourse
- CLN620 Language And Culture
- CLN640 Sociolinguistics
- CLN641 From Theory To Practice -Practical Applications In The TESOL Classroom
- CLN642 Grammar For Teachers
- CLN643 English Language Teaching Management

Students must consult with the Course Coordinator to discuss their research topic and to complete the appropriate forms before enrolling in the following:

- CLB339 Adult Literacy And Second Language Learners

**NOTE** Assessment for CLB339 is completed at Masters level.

- EDN603 Independent Study
- EDN608 Project
- EDN620 Dissertation
- EDN611 Understanding Educational Research
- EDN612 Conducting Educational Research

---

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

**Award title:** Graduate Diploma in Education (Computer Education)

**Location:** Kelvin Grove and External

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

**Total credit points:** 96

**Course coordinator:** Mr Paul Shield

**Course Structure**

To meet course requirements, students must complete four core units and four elective units. Students may elect to undertake one of the strands listed to accommodate their professional requirements.

It is suggested that applicants with little knowledge of computing do the elective unit Computer Applications in Education in their first semester. Normally this unit may only be attempted in the first semester of the first year of study. Students in other than their first year of study will only be allowed to undertake the unit with the explicit approval of the course coordinator.

Note: Four units must be completed at a grade of 4 or above before the unit Computer Education Project can be undertaken.

**Course structure**

**Secondary Computer Studies**

**Year 1, Semester 1**

- MDP532 Computer Systems In An Educational Context
- MDP537 Major Issues In Computer Education

**Year 1, Semester 2**

- MDP508 Computer Use In The Primary Curriculum
- MDP536 Computer Graphics In Teaching

**Year 2, Semester 1**

- MDP507 Teaching Secondary Computer Studies
- MDP537 Major Issues In Computer Education

**Year 2, Semester 2**

- MDP506 Computer Education Project
- MDP534 Educational Applications Of Artificial Intelligence

**Secondary General**

**Year 1, Semester 1**

- MDP530 Computer Applications In Education
- MDP537 Major Issues In Computer Education

**Year 1, Semester 2**

- MDP534 Educational Applications Of Artificial Intelligence

**Primary**

**Year 1, Semester 1**

- MDP530 Computer Applications In Education
- MDP537 Major Issues In Computer Education

**Year 1, Semester 2**

- MDP534 Educational Applications Of Artificial Intelligence
**Graduate Diploma in Education (Early Childhood) (ED20)**

**Award title:** Graduate Diploma in Education (Early Childhood)

**Location:** Kelvin Grove and External

**Course duration (external):** 2 years

**Total credit points:** 96

**Course coordinator:** Dr Ann Farrell

**Special Course Requirements**

Students should note that there is a compulsory period of two weeks practice teaching with children in the early childhood age range, to be undertaken at the completion of the first four units of the course. A further compulsory period of two weeks with children in the early childhood age range is held toward the end of the course to provide opportunities for extending practical knowledge of program design and evaluation. Some students may need to undertake these practicals during school holidays.

Students are required to undergo a criminal history check (renewable every two years) before undertaking practicum units.

**Course structure**

- **Year 1, Semester 1**
  - EAP533 Change In Children: Birth To Eight Years
  - EAP534 Curriculum In Early Childhood 1

- **Year 1, Semester 2**
  - EAP534 Curriculum In Early Childhood 1
  - EAP535 Curriculum In Early Childhood 2
  - EDP508 Practicum In Early Childhood 1

  Practicum units may be undertaken in either Semester 2 or the Summer Program

- **Year 2, Semester 1**
  - EAP536 Curriculum In Early Childhood 3

- **Year 2, Semester 2**
  - Practicum units may be undertaken in either semester 2 or the Summer Program
  - EDP509 Practicum In Early Childhood 2

  Two elective units

- **Elective Units - Semester 1**
  - Students will complete a total of three elective units
  - EAP537 Contexts Of Early Childhood Education
  - EAB413 Management Of Early Childhood Services
  - EAB444 Inclusive Practices In Early Childhood
  - EAB410 Early Education: Deciding The Curriculum
  - EAP539 Transactions In Early Childhood Education
  - EAB440 Working With Parents And Community

  Students entering the course mid-year will undertake a modified structure

**Graduate Diploma in Education (Learning Support) (ED28)**

**Award title:** Graduate Diploma in Education (Learning Support)

**Location:** Kelvin Grove and External

**Course duration (external):** 1 year full-time or 2 years part-time

**Total credit points:** 96

**Course coordinator:** Dr Ruth Fielding-Barnsley

**Course structure**

- **Year 1, Semester 1**
  - SPP500 Learners With Special Needs
  - SPP504 Curriculum: Learners With Special Needs
  - SPP502 Programming For Students With Learning Difficulties/disabilities

  AND EITHER

  - SPP503 Literacy And Learning
  - SPP501 Consultation And Communication
  - CLP501 Socio-Cultural Issues In Education

**Graduate Diploma in Education (Teacher Librarianship) (ED25)**

**Award title:** Graduate Diploma in Education (Teacher Librarianship)

**Location:** Kelvin Grove and External

**Course duration (external):** 1 year full-time or 2 years part-time

**Total credit points:** 96

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

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

**Course coordinator:** Assoc Prof Kerry Mallan

**Professional Recognition**

The course is recognised by the Australian Library and Information Association as a specialist professional qualification.

**Course Structure**

To be eligible to graduate you must complete 60 credit points of core units and 36 credit points of electives. The table opposite shows the core and elective units. Students may select up to 24 credit points of the elective units from other University courses as approved by the course coordinator.

**Core Units**

- CLP527 Learning In The Information Age
- CLP528 Literary and Popular Resources For Learning
- CLP529 Communication Within An Information Environment
- CLP530 Accessing Information Sources
- CLP531 Field Program

**Electives**

- CLB451 Storytelling: Cultural Perspectives
- CLB452 Media Literacy And The School
- CLP532 Bibliographic Organisation
- EDB440 Independent Study
- CLP534 Contemporary Publishing: Trends And Practices
- CLN601 Cyberlearning: Information & Knowledge in the Digital Age
- CLN603 Designing Spaces for Learning
- CLN625 New Literacies And Technologies

  Masters level units are CLN601, CLN603, CLN625

**Graduate Certificate in Education (ED61)**

**Award title:** Graduate Certificate in Education (Study Area A)

**Location:** Kelvin Grove and External

**Course duration (full-time):** 1 semester (subject to unit availability)

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

**Total credit points:** 48

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

**Course coordinator:** Dr Ian Ginns

**Course Structure**

The Graduate Certificate in Education course consists of 48 credit points of units from a postgraduate course within the Faculty of Education deemed by the Dean of the Faculty to form a coherent program of study. Units within the Graduate Certificate in Education course can be presented in internal, external or block mode where students are required to attend on-campus for up to five days normally during the January or July school holiday period. In some instances units can be completed in a modularised form which allows you to complete the assessment on a credit point basis.
The areas of interest include adult and workplace education, autistic spectrum disorder, behaviour management, career guidance, educational counselling, higher education, information and communication technology, leadership and management, learning leadership, marine studies, mathematics education, teaching English as a foreign language (young children) [international students only], information literacy, learning support.

Course structure

**Adult and Organisational Learning**
SPB026 Adult Education In The Workplace And Community
SPB027 Orientation To Adult And Workplace Programs
SPB028 The Group In Adult And Workplace Education
SPB029 Instructional Strategies For Adult And Workplace Education

**Adult and Workplace Education**
EDN603 Independent Study
SPB026 Adult Education In The Workplace And Community
SPN623 Strategic Workplace Education and the Learning Organisation
SPN624 Foundations Of Adult Learning And Development

**Autistic Spectrum Disorder**
Module 1: Introduction to Autistic Spectrum Disorder
Module 2: Behaviour Management for Autistic Spectrum Disorder

EDN603 Independent Study
SPN615 Educational Intervention For Challenging Behaviour In The Classroom

**Behaviour Management**
CLN632 Youth Focussed Behaviour Management And Schools
SPN615 Educational Intervention For Challenging Behaviour In The Classroom

SPN616 Behaviour Management: Programs And Planning
SPN617 Issues In Classroom Management

**Career Guidance**
SPB006 Educational Counselling
SPN610 Advanced Educational Counselling
SPN618 Career Development Programs
SPN619 Career Theory
SPN620 Career Counselling

Students will complete either SPB006 or SPN610 depending on previous studies.

**Educational Counselling**
SPB006 Educational Counselling
SPN610 Advanced Educational Counselling
SPN611 Educational Counselling Professional Practice
SPN618 Career Development Programs

**Higher Education**
EDN626 Learning And Teaching In Higher Education
EDN627 Contexts And Issues In Higher Education
EDN628 Postgraduate Research Supervision
EDN629 Presentation And Delivery Modes In Higher Education
EDN630 Higher Education: Curriculum Design, Assessment And Evaluation

**Information and Communication Technology**
CLP530 Accessing Information Sources

**Language Acquisition and Principles of Second Language**
Students are required to complete the two core units Second Languages - TESOL) (ED77)

**Mathematics Education**
MDN624 Contemporary Mathematics Curriculum: Context And Challenge
MDN623 Mathematics Curriculum Studies 1
MDN625 Exploring Students’ Mathematical Reasoning
MDN626 Pedagogy In Mathematics Education
MDN627 Student Assessment In Mathematics
MDN636 Understanding Concepts In Mathematics And Science

**Marine Studies (Advanced)**
MDB395 Marine Studies Curriculum
MDN630 Learning And Teaching In Contemporary Science Classrooms

**Marine Studies**
MDB395 Marine Studies Curriculum
MDN630 Learning And Teaching In Contemporary Science Classrooms

**Mathematics Education**
MDN636 Understanding Concepts In Mathematics And Science

**Marine Studies (Advanced)**
MDB395 Marine Studies Curriculum
MDN630 Learning And Teaching In Contemporary Science Classrooms

**Science Education**
MDN628 Contemporary Science Curriculum: Context And Challenge
MDN629 Development Of Students’ Scientific Reasoning Skills
MDN630 Learning And Teaching In Contemporary Science Classrooms
MDN636 Understanding Concepts In Mathematics And Science

EDN603 Independent Study

**Subject**

**Full-time Course Structure**
First semester of study

**Graduate Certificate in Education (Teaching English to Speakers of Other Languages - TESOL) (ED77)**

**Award title:** Graduate Certificate in Education (TESOL) (ED77)

**CRICOS code:** 014019G

**Location:** Kelvin Grove

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

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

**Total credit points:** 48

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

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

**Course coordinator:** Dr Jane Crawford

**Course structure**

The Graduate Certificate in Education (TESOL) consists of four units taken from the Master of Education (TESOL) course. Students are required to complete the two core units Second Language Acquisition and Principles of Second Language Methodology and two electives.

**Full-time Course Structure**

**First semester of study**

CLN608 Second Language Acquisition
CLN612 Principles Of Second Language Methodology

**Elective unit**

**Elective unit**
Part-time Course Structure

First semester of study
- CLN608 Second Language Acquisition
- CLN612 Principles Of Second Language Methodology

Second semester of study
- Elective unit
- Elective unit

Elective Units
Note, a selection of these units will be offered each semester. Some electives may be offered in Summer Program.
- CLN613 Second Language Curriculum Design Options
- CLN616 Language Assessment And Program Evaluation In TESOL
- CLN617 Personalised Language Development
- CLN618 Technology And Second Language Learning
- CLN619 Functional Grammar And Discourse
- CLN620 Language And Culture
- CLN640 Sociolinguistics
- CLN641 From Theory To Practice -Practical Applications In The TESOL Classroom
- CLN643 Grammar For Teachers
- EAB023 Early Childhood Mathematics Education
- EAB022 Early Childhood Science Education
- EAB021 Early Childhood Health and Nutrition
- EAB003 Development and Learning in Early Childhood 1
- EAB004 Development and Learning in Early Childhood 2
- EAB010 Early Childhood Curriculum: Arts 1
- EAB006 Leadership and Management in Early Childhood Services
- EAB007 Working with Parents and Other Adults in Early Childhood
- EAB008 Early Childhood Language and Literacies and Communication 1
- EAB009 Early Childhood Language and Literacies and Communication 2
- EAB010 Early Childhood Mathematics Education
- EAB011 Early Childhood Curriculum: Arts 1
- EAB012 Early Childhood Curriculum: Arts 2
- EAB013 Early Childhood Society, Environment and Health Education
- EAB014 Early Childhood Mathematics Education
- EAB015 Early Childhood Mathematics Education
- EAB016 Early Childhood Practicum (Child Care)
- EAB02 Early Childhood Foundations 2: Families and Childcare in Early Childhood Education and Care
- EAB002 Early Childhood Foundations 2: Families and Childcare in Early Childhood Education and Care
- EAB021 Early Childhood Health and Nutrition
- EAB020 Action Research in Early Childhood Education
- EAB019 Programs for Infants and Toddlers (0-3 Years)
- EAB018 Early Childhood Mathematics Education
- EAB017 Integrated Early Childhood Curriculum
- EDN603 Independent Study

Bachelor of Early Childhood (ED83)
Award title: Bachelor of Early Childhood
Location: External
Course duration (external): 3 years
Total credit points: 288
Standard credit points per semester (part-time): 24
Course coordinator: Ms Di Nailon

Professional Recognition
The Bachelor of Early Childhood is accredited by the Department of Families, Youth and Community Care for employment in the area of child care. Graduates are not eligible for teacher registration in Queensland.

Field Experience Requirement
As required by Queensland’s Child Protection Act, students must undergo national criminal history checks (which must be renewed every two years) prior to undertaking field experience. Applicants for registration as a teacher in Queensland are also subject to national criminal history checks.

Part-time course structure
Year 1, Semester 1
- MDB440 Computers And Education
- EAB364 Academic And Professional Communication

Year 1, Semester 2
- EAB011 Early Childhood Curriculum: Arts 1
- EAB013 Early Childhood Society, Environment and Health Education

Year 2, Semester 1
- EAB014 Early Childhood Mathematics Education
- EAB008 Early Childhood Language and Literacies and Communication 1
- EAB006 Leadership and Management in Early Childhood Services

Year 2, Semester 2
- EAB005 Inclusion in Early Childhood Education
- EAB004 Development and Learning Early Childhood 2
- EAB002 Early Childhood Field Studies 1: Development and Learning in the Field

Year 3, Semester 1
- EAB004 Development and Learning Early Childhood 2
- EAB002 Early Childhood Field Studies 1: Development and Learning in the Field

Year 3, Semester 2
- EAB017 Integrated Early Childhood Curriculum
- EAB020 Action Research in Early Childhood Education

Bachelor of Early Childhood Studies (ED82)
CRICOS code: 020305F
Location: Kelvin Grove
Course duration (full-time): 3 years
Total credit points: 288
Standard credit points per semester (full-time): 48
Course coordinator: Ms Di Nailon

Professional Recognition
The Bachelor of Early Childhood Studies is accredited by the Department of Families, Youth and Community Care for employment in the area of child care. Graduates are not eligible for teacher registration in Queensland.

Field Experience Requirement
As required by Queensland’s Child Protection Act, students must undergo national criminal history checks (which must be renewed every two years) prior to undertaking field experience.

Course structure
Year 1, Semester 1
- EDB006 Learning Networks
- EAB364 Academic And Professional Communication
- EAB008 Early Childhood Language and Literacies and Communication 1
- EAB001 Early Childhood Foundations 1: Historical and Comparative Perspectives of Early Childhood Education

Year 2, Semester 1
- EAB003 Development and Learning in Early Childhood 1
- EAB011 Early Childhood Curriculum: Arts 1
- EAB016 Early Childhood Practicum (Child Care)
- EAB002 Early Childhood Foundations 2: Families and Childcare in Early Childhood Education and Care
- EAB014 Early Childhood Mathematics Education
- EAB013 Early Childhood Society, Environment and Health Education

Year 2, Semester 2
- EAB021 Early Childhood Health and Nutrition
- EAB009 Early Childhood Language and Literacies and Communication 2
- EAB006 Leadership and Management in Early Childhood Services Pathway Unit

Year 3, Semester 1
- EAB005 Inclusion in early childhood settings
- EDB013 Early Childhood Field Studies 3: Immersion in Inclusive Educational Practices
- EAB012 Early Childhood Curriculum: Arts 2
- EAB019 Programs for Infants and Toddlers (0-3 Years)

Year 3, Semester 2
- EAB017 Integrated Early Childhood Curriculum
- EAB007 Working with Parents and Other Adults in Early Childhood Education and Care Services
- EAB020 Action Research in Early Childhood Education Pathway Unit

List 1 : Pathway Studies Electives
PATHWAY STUDIES UNITS - LIST 1
Students will take 2 pathway units, one in year 2, semester 2 and one in year 3, semester 2. The two pathway units should be taken from the same area.

Early Childhood Mathematics, Science and ICT Education
- EAB022 Early Childhood Science Education
- EAB023 Early Childhood Mathematics Education
- EAB024 Sociology of Early Childhood Mathematics Education
- EAB422 Information and Communication Technologies and the Young Child

Integrating Arts Curriculum
- EAB416 Early Childhood Art Education
- EAB361 Storytelling In Early Childhood
- EAB363 Creating Curriculum With Young Children
- EAB423 Museums: Places Of Learning

Studies in Inclusive Education
- CLB049 The Global Teacher
Students must satisfy any specific entry requirements for Arts units.

Arts, Drama and Dance or from the Integrated Arts Curriculum area listed above.

Students may also choose three elective units in areas such as management and sociology and psychology of adult education.

The course consists of nine core units in areas such as effective adult teaching and learning strategies, knowledge capital management and sociology and psychology of adult education. Students may also choose three elective units in areas such as business communication, learning support, adult literacy and vocational education and training. Students will complete four workplace education units in an adult or workplace setting of their choosing.

Field Experience Requirement
As required by Queensland’s Child Protection Act, students must undergo national criminal history checks (which must be renewed every two years) prior to undertaking field experience.

Course Structure
The course consists of nine core units in areas such as effective adult teaching and learning strategies, knowledge capital management and sociology and psychology of adult education. Students may also choose three elective units in areas such as business communication, learning support, adult literacy and vocational education and training. Students will complete four field experience units in an adult or workplace setting of their choice.

Full-time Course Structure

**Semester 1**
- SPB026 Adult Education In The Workplace And Community
- EDB400-1 Field Experience 1 (Stage 1)
- EDB401-1 Field Experience 2 (Stage 1)
- SPB027 Orientation To Adult And Workplace Programs
- SPB029 Instructional Strategies For Adult And Workplace Education

**Semester 2**
- CLB304 Context Of Adult And Workplace Education
- SPB028 The Group In Adult And Workplace Education
- SPB023 Adult Learning And Development
- EDB400-2 Field Experience 1 (Stage 2)
- EDB401-2 Field Experience 2 (Stage 2)

**Semester 3**
- EDB402 Field Experience 3
- SPB030 Programming In Adult And Workplace Education
- SPB034 Organisation And Administration Of Adult And Workplace Education

**Semester 4**
- Education Studies Elective
- Curriculum Studies Elective
- SPB025 The Individual In Adult And Workplace Education
- EDB403 Field Experience 4
Part-time Course Structure

Year 1, Semester 1
- EAB028 The Group In Adult And Workplace Education
- EAB026 Adult Education In The Workplace And Community
- EAB029 Instructional Strategies For Adult And Workplace Education
- CLB304 Context Of Adult And Workplace Education

Year 2, Semester 2
- SPB028 The Group In Adult And Workplace Education
- EDB400-1 Field Experience 1 (Stage 1)
- EDB401-1 Field Experience 2 (Stage 1)

Year 3, Semester 1
- SPB030 Programming In Adult And Workplace Education
- SPB034 Organisation And Administration Of Adult And Workplace Education

Year 3, Semester 2
- EAB025 The Individual In Adult And Workplace Education
- EDB402 Field Experience 3

Year 4, Semester 1
- EDB403 Field Experience 4
- EAB027 Orientation To Adult And Workplace Programs
- EAB026 Adult Education In The Workplace And Community

Year 4, Semester 2
- EDB400 Field Experience 1 (Stage 2)
- EDB401-2 Field Experience 2 (Stage 2)
- SPB023 Adult Learning And Development

Field Experience Requirement
As required by Queensland’s Child Protection Act, students must undergo national criminal history checks (which must be renewed every two years) prior to undertaking field experience. Applicants for registration as a teacher in Queensland are also subject to national criminal history checks.

Research Pathway
Students may be invited to undertake the Research Pathway option. The pathway is designed to develop research skills and their future career. The amended structure for Research Pathway students will be:

Year 2, Semester 1
- EAB004 Development and Learning Early Childhood 2
- EDB011 Early Childhood Field Studies 1: Development and Learning in the Field
- EAB013 Early Childhood Society, Environment and Health Education
- EAB014 Early Childhood Mathematics Education

Year 2, Semester 2
- EDB003 Teaching and Learning Studies 3: Practising Education
- EDB012 Early Childhood Field Studies 2: Practising Education in the Field
- EAB015 Early Childhood Mathematics, Science and Technology Education 2
- EAB009 Early Childhood Language and Literacies

Year 3, Semester 1
- EAB005 Inclusion in Early Childhood Settings
- EDB013 Early Childhood Field Studies 3: Immersion in Inclusive Educational Practices
- EAB012 Early Childhood Curriculum: Arts 2
- EAB016 Research in Early Childhood Education

Year 3, Semester 2
- EAB017 Integrated Early Childhood Curriculum
- EAB010 Early Childhood Language and Literacies
- EDB013 Early Childhood Field Studies 4: Professional Work of Teachers - Induction into the Field
- EDB015 Internship (Early Childhood)
- EAB018/2 Applied Early Childhood Curriculum Project

ED92 - Research Pathway Option

Research Pathway Option
Students with a GPA of 5.5 or above will be invited to undertake the research pathway option. The research pathway option is designed to meet the needs of students wishing to undertake research-based higher degree study in the course of their future career. The pathway is designed to develop research skills and a research oriented, reflective approach to teaching. The amended structure for Research Pathway students will be:

Year 3, Semester 1
- EAB005 Inclusion in Early Childhood Settings
- EDB013 Early Childhood Field Studies 3: Immersion in Inclusive Educational Practices
- EAB012 Early Childhood Curriculum: Arts 2
- EDB410 Introduction To Research Methods In Education

Year 3, Semester 2
- EAB017 Integrated Early Childhood Curriculum
- EAB010 Early Childhood Language and Literacies
- EAB011 Early Childhood Curriculum: Arts 1
- EAB012 Early Childhood Curriculum: Arts 2
- EAB007 Working with Parents and Other Adults in Early Childhood Education and Care Services
- EDB014 Early Childhood Field Studies 4: Professional Work of Teachers - Induction into the Field
- EDB015 Internship (Early Childhood)
- EAB018/2 Applied Early Childhood Curriculum Project

ED92 - Research Pathway Option

Research Pathway Option
Students with a GPA of 5.5 or above will be invited to undertake the research pathway option. The research pathway option is designed to meet the needs of students wishing to undertake research-based higher degree study in the course of their future career. The pathway is designed to develop research skills and a research oriented, reflective approach to teaching. The amended structure for Research Pathway students will be:

Year 3, Semester 1
- EAB005 Inclusion in Early Childhood Settings
- EDB013 Early Childhood Field Studies 3: Immersion in Inclusive Educational Practices
- EAB012 Early Childhood Curriculum: Arts 2
- EDB410 Introduction To Research Methods In Education
- EAB017 Integrated Early Childhood Curriculum
- EAB010 Early Childhood Language and Literacies
- EAB011 Early Childhood Curriculum: Arts 1
- EAB012 Early Childhood Curriculum: Arts 2
- EAB007 Working with Parents and Other Adults in Early Childhood Education and Care Services
- EDB014 Early Childhood Field Studies 4: Professional Work of Teachers - Induction into the Field
- EDB015 Internship (Early Childhood)
- EAB018/2 Applied Early Childhood Curriculum Project

ED92 - Research Pathway Option

Research Pathway Option
Students with a GPA of 5.5 or above will be invited to undertake the research pathway option. The research pathway option is designed to meet the needs of students wishing to undertake research-based higher degree study in the course of their future career. The pathway is designed to develop research skills and a research oriented, reflective approach to teaching. The amended structure for Research Pathway students will be:

Year 3, Semester 1
- EAB005 Inclusion in Early Childhood Settings
- EDB013 Early Childhood Field Studies 3: Immersion in Inclusive Educational Practices
- EAB012 Early Childhood Curriculum: Arts 2
- EDB410 Introduction To Research Methods In Education
- EAB017 Integrated Early Childhood Curriculum
- EAB010 Early Childhood Language and Literacies
- EAB011 Early Childhood Curriculum: Arts 1
- EAB012 Early Childhood Curriculum: Arts 2
- EAB007 Working with Parents and Other Adults in Early Childhood Education and Care Services
- EDB014 Early Childhood Field Studies 4: Professional Work of Teachers - Induction into the Field
- EDB015 Internship (Early Childhood)
- EAB018/2 Applied Early Childhood Curriculum Project

ED92 - Research Pathway Option

Research Pathway Option
Students with a GPA of 5.5 or above will be invited to undertake the research pathway option. The research pathway option is designed to meet the needs of students wishing to undertake research-based higher degree study in the course of their future career. The pathway is designed to develop research skills and a research oriented, reflective approach to teaching. The amended structure for Research Pathway students will be:

Year 3, Semester 1
- EAB005 Inclusion in Early Childhood Settings
- EDB013 Early Childhood Field Studies 3: Immersion in Inclusive Educational Practices
- EAB012 Early Childhood Curriculum: Arts 2
- EDB410 Introduction To Research Methods In Education
- EAB017 Integrated Early Childhood Curriculum
- EAB010 Early Childhood Language and Literacies
- EAB011 Early Childhood Curriculum: Arts 1
- EAB012 Early Childhood Curriculum: Arts 2
- EAB007 Working with Parents and Other Adults in Early Childhood Education and Care Services
- EDB014 Early Childhood Field Studies 4: Professional Work of Teachers - Induction into the Field
- EDB015 Internship (Early Childhood)
- EAB018/2 Applied Early Childhood Curriculum Project

Year 3, Semester 2
- EAB017 Integrated Early Childhood Curriculum
- EAB010 Early Childhood Language and Literacies
- EAB011 Early Childhood Curriculum: Arts 1
- EAB012 Early Childhood Curriculum: Arts 2
- EAB007 Working with Parents and Other Adults in Early Childhood Education and Care Services
- EDB014 Early Childhood Field Studies 4: Professional Work of Teachers - Induction into the Field
- EDB015 Internship (Early Childhood)
- EAB018/2 Applied Early Childhood Curriculum Project

Year 4, Semester 1
- EAB018/1 Applied Early Childhood Curriculum Project
- EAB006 Leadership and Management in Early Childhood Services
- EDB411 Dissertation

Year 4, Semester 2
- EAB018/1 Applied Early Childhood Curriculum Project
- EAB006 Leadership and Management in Early Childhood Services
- EDB411 Dissertation

List 1: Pathway Studies Electives
All students (except those following the LOTE pathway) take a total of four units from this list during Years 3 - 4 (refer to course structure on previous pages for exact semesters). The 4 units should be drawn from one of the specified groups below.
Students electing to undertake EDB440 Independent Study, will undertake this unit as the fourth unit in their chosen pathway area and study will be specific to the area.

**RESEARCH PATHWAY**

(see above for complete research pathway)

EDB410 Introduction To Research Methods In Education
EDB411/1 Dissertation (Part 1)
EDB411/2 Dissertation (Part 2)
EDB411/3 Dissertation (Part 3)

**MIDDLE YEARS OF SCHOOLING PATHWAY**

CLB323 Teaching Adolescent Literature
MDB021 Mathematics Curriculum Studies 1
SPB022 The Middle Years Curriculum
SPB008 The Middle Years Of Schooling
SPB020 Classroom Assessment Practices
SPB018 Teaching Strategies

EDB440 Independent Study (compulsory)

**STUDIES IN INCLUSIVE EDUCATION**

CLB045 Becoming a Second Language User
CLB049 The Global Teacher
CLB347 Teaching English as an Additional Language
CLB401 Cultural Diversity in Education
CLB403 Gender and Sexuality Issues for Teachers

MDS030 Understanding and Educating Gifted Learners
SPB003 Teaching Children with Low Incidence Disabilities and Health Problems

SPB004 Teaching Students with Learning Difficulties
SPB007 Human Sexuality and Learning
EDB440 Independent Study (compulsory)

**STUDIES IN INDIGENOUS EDUCATION**

CLB402 Issues in Indigenous Education
HHB255 Indigenous Politics and Political Culture
HHB276 Indigenous Research, Ethics and Protocol

KKB701 Indigenous Australian Writing (to be confirmed)

EDB440 Independent Study (compulsory)

**MANAGING LEARNERS AND LEARNING**

SPB004 Teaching Students with Learning Difficulties
SPB006 Educational Counselling
SPB010 Education Law and the Beginning Teacher
SPB012 Classroom Behaviour Management
SPB017 Classroom Management: Models and Practice
SPB018 Teaching Strategies

EDB440 Independent Study (compulsory)

**DISCIPLINE BASED PATHWAYS**

**LITERATURE AND MEDIA STUDIES**

CLB441 Children’s Literature
CLB452 Media Literacy and the School
CLB323 Teaching Adolescent Literature

CLB050 Popular Culture and Future Literacies (not available in 2004)

EAB361 Storytelling in Early Childhood

EDB440 Independent Study (compulsory)

**INVESTIGATING MATHEMATICS**

MDB347 Excursions in Number
MDB396 Excursions in Geometry

MDB021 Mathematics Curriculum Studies 1

MDB529 Diagnostic Assessment & Remedial Intervention in Mathematics

EAB023 Early Childhood Mathematics Education (not offered in 2004)

EDB440 Independent Study (compulsory)

**EXPLORING SCIENCE**

MDB389 Life and Living Processes
MDB390 Natural and Processed Materials
MDB391 Earth and Space

MDB454 Science Technology and Society

EAB022 Early Childhood Science Education

EAB423 Museums: Places of Learning

EDB440 Independent Study (compulsory)

**INFORMATION AND COMMUNICATION TECHNOLOGIES**

MDB392 Educational Computing Environments
MDB393 Networked Communities
MDB397 Multimedia (Part 3)

EAB422 Information & Communication Technologies & the Young Child

CLB452 Media Literacy and the School

MDB377 Project Planning & Implementation for Educational Purposes (compulsory)

**EARLY CHILDHOOD MATHEMATICS, SCIENCE AND ICT EDUCATION**

EAB022 Early Childhood Science Education
### Bachelor of Education (In-service) (ED26)

**Award title:** Bachelor of Education  
**CRICOS code:** 000374C  
**Location:** Kelvin Grove and External  

**Course duration (full-time):** 1 year  
**Course duration (part-time):** 2 years  
**Course duration (external):** 1 year full-time or 2 years part-time  
**Total credit points:** 96  

**Course coordinator:** Assoc Prof John Lidstone

**Option 1**  
Students may undertake four 12 credit point units from the Faculty of Education elective units listed OR from the following inservice or preservice courses (subject to course rules).

**Option 2**  
Students may undertake four units of 12 credit points each offered by other faculties within QUT. Approval must be obtained from the Unit Coordinator offering the elective.

**Option 3**  
Students may undertake four units of 12 credit points each from a combination of options one and two.

### Course structure

**Core Units**

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<th>Year, Semester 1</th>
<th>Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>EAB442</td>
<td>Motor And Social Development In Early Childhood</td>
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<td>EDB001</td>
<td>Teaching and Learning Studies 1: Teaching in New Times</td>
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<td>EAB434</td>
<td>Management Of Early Childhood Services</td>
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<td>EAB433</td>
<td>Cognition And Language In Early Childhood</td>
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<td>CLB306</td>
<td>Understanding Educational Practices</td>
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<td>SPB002</td>
<td>Psychology Of Learning And Teaching</td>
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<td>EAB444</td>
<td>Inclusive Practices In Early Childhood</td>
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<td>EAB413</td>
<td>Management Of Early Childhood Services</td>
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<td>EAB420</td>
<td>Early Childhood Professional Practice: Child Care</td>
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<td>EAB414</td>
<td>Management Of Early Childhood Services</td>
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<td>EAB435</td>
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<td>Cognition And Language In Early Childhood</td>
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<td>CLB306</td>
<td>Understanding Educational Practices</td>
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<td>EAB345</td>
<td>Early Childhood Curriculum: Language Education</td>
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<td>EAB443</td>
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<td>EAB444</td>
<td>Inclusive Practices In Early Childhood</td>
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<th>Course Title</th>
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<td>EAB011</td>
<td>Early Childhood Curriculum: Arts 1</td>
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<td>SPB002</td>
<td>Psychology Of Learning And Teaching</td>
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<td>EAB423</td>
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<tr>
<td>EAB346</td>
<td>Early Childhood Curriculum: Science, Society And The Environment</td>
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<tr>
<td>EAB444</td>
<td>Inclusive Practices In Early Childhood</td>
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</tbody>
</table>

### Full-time Internal/External Course Structure

**Year 1, Semester 1**

- **Course:** Teaching and Learning Studies 1: Teaching in New Times  
- **Course:** Early Childhood Field Studies 1: Development and Learning in the Field  
- **Course:** Motor And Social Development In Early Childhood  
- **Course:** Early Childhood Mathematics Education  

**Year 1, Semester 2**

- **Course:** Human Development And Education  
- **Course:** Early Childhood Field Studies 2: Practising Education in the Field  
- **Course:** Early Childhood Curriculum: Language Education  
- **Course:** Cognition And Language In Early Childhood  

**Year 2, Semester 1**

- **Course:** Early Childhood Professional Practice: Child Care  
- **Course:** Early Childhood Professional Practice: Choice  
- **Course:** Early Childhood Curriculum: Science, Society And The Environment  
- **Course:** Understanding Educational Practices  

**Year 2, Semester 2**

- **Course:** Early Childhood Curriculum: Language Education  
- **Course:** Early Childhood Field Studies 2: Practising Education in the Field  

**Year 3, Semester 1**

- **Course:** Early Childhood Curriculum: Language Education  
- **Course:** Early Childhood Field Studies 1: Development and Learning in the Field  

**Year 3, Semester 2**

- **Course:** Early Childhood Professional Practice: Child Care  
- **Course:** Inclusive Practices In Early Childhood  
- **Course:** Management Of Early Childhood Services  

**Year 4, Semester 1**

- **Course:** Early Childhood Professional Practice: Child Care  
- **Course:** Management Of Early Childhood Services  

**Year 4, Semester 2**

- **Course:** Early Childhood Professional Practice: Choice  
- **Course:** Management Of Early Childhood Services  

**Accelerated Progression: Part-time Internal/External Course Structure**

**Year 1, Semester 1**

- **Course:** Motor And Social Development In Early Childhood  
- **Course:** Teaching and Learning Studies 1: Teaching in New Times  

**Year 1, Semester 2**

- **Course:** Human Development And Education  
- **Course:** Cognition And Language In Early Childhood  

**Year 1, Semester 3 (Summer Program)**

- **Course:** Early Childhood Curriculum: Language Education  
- **Course:** Early Childhood Field Studies 1: Development and Learning in the Field  

**Year 2, Semester 1**

- **Course:** Early Childhood Curriculum: Language Education  
- **Course:** Early Childhood Field Studies 2: Practising Education in the Field  

**Year 2, Semester 2**

- **Course:** Early Childhood Professional Practice: Child Care  
- **Course:** Inclusive Practices In Early Childhood  

**Year 3, Semester 1**

- **Course:** Early Childhood Curriculum: Arts 1  
- **Course:** Psychology Of Learning And Teaching  

**Year 3, Semester 2**

- **Course:** Early Childhood Curriculum: Language Education  
- **Course:** Early Childhood Field Studies 2: Practising Education in the Field  

**Year 4, Semester 1**

- **Course:** Early Childhood Professional Practice: Child Care  
- **Course:** Management Of Early Childhood Services  

**Year 4, Semester 2**

- **Course:** Early Childhood Professional Practice: Choice  
- **Course:** Management Of Early Childhood Services  

**Accelerated Progression: Full-time Internal/External Course Structure**

**Year 1, Semester 1**

- **Course:** Teaching and Learning Studies 1: Teaching in New Times  
- **Course:** Early Childhood Field Studies 1: Development and Learning in the Field  
- **Course:** Motor And Social Development In Early Childhood  
- **Course:** Early Childhood Mathematics Education  

**Year 2, Semester 2**

- **Course:** Human Development And Education  
- **Course:** Early Childhood Field Studies 2: Practising Education in the Field  
- **Course:** Early Childhood Curriculum: Language Education  
- **Course:** Cognition And Language In Early Childhood  

**Year 3, Semester 1**

- **Course:** Early Childhood Professional Practice: Child Care  
- **Course:** Inclusive Practices In Early Childhood  
- **Course:** Management Of Early Childhood Services  
- **Course:** Early Childhood Curriculum: Language Education  

**Year 3, Semester 2**

- **Course:** Early Childhood Professional Practice: Child Care  
- **Course:** Inclusive Practices In Early Childhood  
- **Course:** Management Of Early Childhood Services  
- **Course:** Early Childhood Curriculum: Language Education  

**Year 4, Semester 1**

- **Course:** Early Childhood Professional Practice: Child Care  
- **Course:** Inclusive Practices In Early Childhood  
- **Course:** Management Of Early Childhood Services  
- **Course:** Early Childhood Curriculum: Language Education  

**Year 4, Semester 2**

- **Course:** Early Childhood Professional Practice: Choice  
- **Course:** Management Of Early Childhood Services  
- **Course:** Early Childhood Curriculum: Language Education  
- **Course:** Inclusive Practices In Early Childhood  

### Professional Recognition

Students based outside Queensland should note that a proportion of the practicum requirements for this course may need to be completed in a Queensland school if registration with the Queensland Board of Teacher Registration is required. As required by Queensland’s Child Protection Act, students must undergo national criminal history checks (which must be renewed every two years) prior to undertaking field experience. Applicants for registration as a teacher in Queensland are also subject to national criminal history checks.

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**Course duration (external):** 4 years part-time or 2 years full-time; 1.5 years full-time or 3 years part-time Summer Program Option  
**Total credit points:** 192  
**Course coordinator:** Dr Felicity McARDLe
Childhood specialisations are also accredited by the Department of Education, Queensland. Applicants for teacher registration in Queensland are subject to national criminal history checks (which must be renewed every two years) prior to undertaking field experience.

**Field Experience Requirement**

As required by Queensland’s Child Protection Act, students must undergo national criminal history checks (which must be renewed every two years) prior to undertaking field experience.

**Part-time course structure - students are required to complete 20 units over 5 years part-time.**

**Year 1, Semester 1**

- MDB440 Computers And Education
- EAB364 Academic And Professional Communication

**Year 1, Semester 2**

- EAB011 Early Childhood Curriculum: Arts 1
- EAB013 Early Childhood Society, Environment and Health Education

**Year 2, Semester 1**

- EAB014 Early Childhood Mathematics Education
- EAB008 Early Childhood Language and Literacies

**Year 2, Semester 2**

- EAB005 Inclusion in Early Childhood Education
- EAB006 Leadership and Management in Early Childhood Services

**Year 3, Semester 1**

- EDB004 Development and Learning in Early Childhood
- EDB011 Early Childhood Field Studies 1: Development and Learning in the Field

**Year 3, Semester 2**

- EDB003 Teaching and Learning Studies 3: Practising Education
- EDB012 Early Childhood Field Studies 2: Practising Education in the Field

**Year 4, Semester 1**

- EAB015 Early Childhood Science and Information and Communication Technologies Education
- EAB009 Early Childhood Language and Literacies and Communication 2

**Year 4, Semester 2**

- EDB007 Culture Studies: Indigenous Education
- EAB010 Early Childhood Language, Literacies and Communication 3

**Year 5, Semester 1**

- EAB017 Integrated Early Childhood Curriculum
- EAB012 Early Childhood Curriculum: Arts 2

**Year 5, Semester 2**

- EDB014 EC Field Studies 4: Professional Work of Teachers: Induction in the Field
- EDB015 Internship
- EAB020 Action Research in Early Childhood

### Bachelor of Education (Preservice Early Childhood) (ED91)

**Award title:** Bachelor of Education (Preservice Early Childhood)

**Location:** Kelvin Grove

**Course duration (full-time):** 4 years

**Total credit points:** 384 CP

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

**Course coordinator:** Dr Jackie Stokes

**Professional recognition**

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

### Field Experience Requirement

As required by Queensland’s Child Protection Act, students must undergo national criminal history checks (which must be renewed every two years) prior to undertaking field experience.

**Languages Other Than English (LOTE) Pathway**

Students undertaking a LOTE pathway may be required to attend other campuses. Students wishing to undertake studies in French, German, Indonesian or Japanese are required to select a specified sequence relevant to their chosen area of study.
of six units (72 credit points). Students who have taken their LOTE to Year 12 or equivalent do not take the introductory units.

Research pathway
Certain students will be invited to undertake the Research Pathway Option. This option is designed to meet the needs of students wishing to undertake research-based higher degree study in the course of their future career. The pathway is designed to develop research skills and a research-oriented, reflective approach to teaching.

Course structure
Year 1, Semester 1
CLB004 Integrated Foundation Studies 1: Visual and Verbal Language and Literacies
EDB001 Teaching and Learning Studies 1: Teaching in New Times
EDB006 Learning Networks
MDB001 Integrated Foundations Studies 2: Scientific and Quantitative Literacy

Year 1, Semester 2
CLB005 Integrated Foundation Studies 3: Wellness and Active Citizenship
CLB006 Primary Curriculum and Pedagogies: Language and Literacies 1
EDB007 Culture Studies: Indigenous Education
MDB002 Primary Curriculum and Pedagogies: Mathematics 1

Year 2, Semester 1
EDB002 Teaching and Learning Studies 2: Development and Learning
EDB021 Primary Field Studies 1: Development and Learning in the Field
MDB004 Primary Curriculum & Pedagogies: Information and Communication Technologies
MDB006 Primary Curriculum & Pedagogies: Science

Year 2, Semester 2
CLB008 Primary Curriculum and Pedagogies: Studies of Society and Environment Pathway studies 1
HMB300 Primary Curriculum & Pedagogies: Health & Physical Education
KKB201 Primary Curriculum & Pedagogies: Arts 1
KKB202 Primary Curriculum & Pedagogies: Arts 2

Year 3, Semester 1
CLB007 Primary Curriculum and Pedagogies: Language and Literacies 2
Pathway Studies 2
Pathway studies 3
KKB201 Primary Curriculum & Pedagogies: Arts 1 OR
KKB202 Primary Curriculum & Pedagogies: Arts 2 OR
KKB201 Primary Curriculum & Pedagogies: Arts 1

Year 3, Semester 2
EDB003 Teaching and Learning Studies 3: Practising Education
EDB022 Primary Field Studies 2: Practising Education in the Field
MDB003 Primary Curriculum & Pedagogies: Mathematics 2
MDB005 Primary Curriculum & Pedagogies: Design and Technology Education

Year 4, Semester 1
EDB004 Teaching and Learning Studies 4: Focus on Inclusive Education
EDB023 Primary Field Studies 3: Immersion in Inclusive Education
SPB035 Primary Curriculum and Pedagogies: Integrated Primary and Middle Years Curriculum Project
SPB036 Primary Curriculum and Pedagogies: Assessment and Reporting

Year 4, Semester 2
EDB005 Teaching and Learning Studies 5: Professional Work of Teachers
EDB024 Primary Field Studies 4: Professional Work of Teachers - Induction into the Field
EDB025 Internship (Primary)
Pathway studies 4 (Project)

ED91 - LOTE Pathway
Year 1, Semester 1
EDB006 Learning Networks
Arts Discipline Elective
CLB004 Integrated Foundation Studies 1: Visual and Verbal Language and Literacies

LOTE 1 or 3

Year 1, Semester 2
EDB001 Teaching and Learning Studies 1: Teaching in New Times
CLB006 Primary Curriculum and Pedagogies: Language and Literacies 1
MDB002 Primary Curriculum and Pedagogies: Mathematics 1

LOTE 2 or 4

Year 2, Semester 1
EDB002 Teaching and Learning Studies 2: Development and Learning
EDB021 Primary Field Studies 1: Development and Learning in the Field
MDB006 Primary Curriculum & Pedagogies: Science

LOTE 3 or 5

Year 2, Semester 2
EDB007 Culture Studies: Indigenous Education
CLB008 Primary Curriculum and Pedagogies: Studies of Society and Environment
HMB300 Primary Curriculum & Pedagogies: Health & Physical Education

LOTE 4 or 6

Year 3, Semester 1
CLB007 Primary Curriculum and Pedagogies: Language and Literacies 2
CLB042 Primary LOTE Curriculum Studies 1
MDB004 Primary Curriculum & Pedagogies: Information and Communication Technologies

LOTE 5 or 7

Year 3, Semester 2
EDB003 Teaching and Learning Studies 3: Practising Education
EDB022 Primary Field Studies 2: Practising Education in the Field
MDB003 Primary Curriculum & Pedagogies: Mathematics 2

LOTE 6 or 8

Year 4, Semester 1
EDB004 Teaching and Learning Studies 4: Focus on Inclusive Education
EDB023 Primary Field Studies 3: Immersion in Inclusive Education
KKB202 Primary Curriculum & Pedagogies: Arts 2 OR
KKB201 Primary Curriculum & Pedagogies: Music, Visual Arts & Media
SPB036 Primary Curriculum and Pedagogies: Assessment and Reporting

Year 4, Semester 2
EDB005 Teaching and Learning Studies 5: Professional Work of Teachers
EDB024 Primary Field Studies 4: Professional Work of Teachers - Induction into the Field
EDB025 Internship (Primary)
CLB043 Primary Curriculum 2 LOTE

ED91 - Research Pathway Option
Years 1 & 2 as per normal course structure

Year 3, Semester 1
KKB201 Primary Curriculum & Pedagogies: Music, Visual Arts & Media OR
KKB202 Primary Curriculum & Pedagogies: Dance & Drama
EVB411/1 Dissertation (Stage 1)
CLB007 Primary Curriculum and Pedagogies: Language and Literacies 2
EVB410 Introduction To Research Methods In Education

Year 3, Semester 2
EVB003 Teaching and Learning Studies 3: Practising Education
MDB003 Primary Curriculum & Pedagogies: Mathematics 2
EDB022 Primary Field Studies 2: Practising Education in the Field
MDB005 Primary Curriculum & Pedagogies: Design & Technology Education

Year 4, Semester 1
EVB004 Teaching and Learning Studies 4: Focus on Inclusive Education
EDB023 Primary Field Studies 3: Immersion in Inclusive Education
SPB036 Primary Curriculum and Pedagogies: Assessment and Reporting
EVB411/2 Dissertation (Stage 2)

Year 4, Semester 2
EVB005 Teaching and Learning Studies 5: Professional Work of Teachers
EDB024 Primary Field Studies 4: Professional Work of Teachers - Induction into the Field
undertaking field experience. Applicants for registration as a teacher in Queensland are also subject to national criminal history checks.

**Full-time: Internal/External Course Structure**

**Semester 1 (Full-time Course Structure)**
- EDB001 Teaching and Learning Studies 1: Teaching in New Times
- MDB450 Primary Mathematics Curriculum
- EDB430 Primary Professional Practice 1: Classroom Management
- CLB376 Studies Of Society And Environment Curriculum

**Semester 2 (Full-time Course Structure)**
- SPB001 Human Development And Education
- CLB454 Language And Literacy Curriculum
- MDB004 Primary Curriculum & Pedagogies: Information and Communication Technologies
- EDB431 Primary Professional Practice 2: Curriculum Decision Making

**Semester 3 (Full-time Course Structure)**
- Students with an approved LOTE background in their undergraduate degree who wish to undertake CLB334 Primary LOTE Curriculum Studies in place of CLB413 Programming and Assessment in Language and Mathematics should contact the Student Affairs office on 3864 3947. Primary LOTE Curriculum Studies is only offered internally in semester two.
- SPB002 Psychology Of Learning And Teaching
- EDB432 Primary Professional Practice 3: Inclusive Curriculum
- HM3307 Health and Physical Education Curriculum (Primary)
- CLB413 Programming And Assessment In Language And Mathematics

**Full-time: Internal/External Accelerated Course Structure**

**Year 1, Semester 1**
- EDB001 Teaching and Learning Studies 1: Teaching in New Times
- MDB450 Primary Mathematics Curriculum
- EDB430 Primary Professional Practice 1: Classroom Management
- CLB376 Studies Of Society And Environment Curriculum
- SPB001 Human Development And Education

**Year 1, Semester 2**
- CLB454 Language And Literacy Curriculum
- MDB004 Primary Curriculum & Pedagogies: Information and Communication Technologies
- EDB431 Primary Professional Practice 2: Curriculum Decision Making
- KK914 Visual And Performing Arts Curriculum 1

**Year 1, Semester 3 (Summer Program)**
- KKB201 Primary Curriculum & Pedagogies: Music, Visual Arts & Media
- OR
- KKB202 Primary Curriculum & Pedagogies: Dance & Drama

**Year 2, Semester 1**
- EDB433 Primary Professional Practice 4: Beginning Teaching
- SPB002 Psychology Of Learning And Teaching
- HM3307 Health and Physical Education Curriculum (Primary)
- CLB413 Programming And Assessment In Language And Mathematics
- Students with an approved LOTE background in their undergraduate degree who wish to undertake CLB334 Primary LOTE Curriculum Studies in place of CLB413 Programming and Assessment in Language and Mathematics should contact the Student Affairs office on 3864 3947. Primary LOTE Curriculum Studies is only offered internally in semester two.

**Part-time: Internal/External Course Structure**

**Year 1, Semester 1**
- MDB450 Primary Mathematics Curriculum
- EDB001 Teaching and Learning Studies 1: Teaching in New Times
Bachelor of Education (Secondary) (ED90)

Award title: Bachelor of Education (Secondary)
CRICOS code: 000783G
Location: Gardens Point, Kelvin Grove and Carseldine
Course duration (full-time): Four years
Total credit points: 384
Standard credit points per semester (full-time): 48
Course coordinator: Dr Peter Bond

Professional Recognition

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

Field Experience Requirement

As required by Queensland’s Child Protection Act, students must undergo national criminal history checks (which must be renewed every two years) prior to undertaking field experience.

Course Structure

The Bachelor of Education is an exciting new learning opportunity, which will challenge students to investigate, question, and create new knowledge about teaching and learning. The course has been designed using the principles of outcomes-based education, an educational approach that not only describes the long-term learning outcomes that are desired from the course, but which accepts that the learning pathway towards these outcomes may be different for individual students.

Each program consists of several different types of units:
- core units cover material which is considered essential for all preservice teacher education students in current contexts
- parallel units are specific to each program, but are offered as similar units in the other programs
- strand units focus on issues related to that program and must be successfully completed to graduate from the course
- specialist pathway units allow students to undertake a specific area of study of at least 48 credit points.

Students complete a total of 384 credit points of study and will specialise in two teaching areas appropriate for teaching grades 8-12 in Queensland. A total of between 144 and 168 credit points of study will be undertaken in these two teaching areas depending on the areas selected. The teaching area studies are also referred to as discipline studies. Students completing 144 credit points of discipline studies will have the option to undertake an additional 24 credit points of discipline studies as electives or 24 credit points of education pathway units from those listed. The remaining credit points will be drawn from Education-related studies and will include a minimum of 100 days of field study experience in a range of classrooms and other educational settings, and curriculum studies relevant to the selected teaching areas. Core education units will cover teaching and learning studies, technology studies, Indigenous and sociocultural studies. Applied curriculum tasks give students the opportunity to relate their practical school experiences to their theoretical studies.

Successful applicants receive an offer in one of three streams: General, Home Economics or Physical Education. Restrictions apply to some teaching area combinations.

Students will select their two teaching areas from the following lists (one from Group X and one from Group Y):

**GROUP X**
- Accounting/Business Management
- Business Communication and Technologies
- Computing

**GROUP Y**
- English
- Home Economics (available only to students entering through the Home Economics entry point)
- Mathematics
Physical Education (available only to students entering through the Physical Education entry point)
Science Studies
Social Science
English as a Second Language (ESL)
GROUP Y
Accounting/Business Management
Biology
Business Communications and Technologies
Chemistry
Earth Science
Economics
English
Film and Media Studies (subject to quota)
French
Geography
German
Health Education
History
Indonesian
Japanese
Legal Studies
Mathematics
Physics

Course structure
Possible Combinations of Subject Areas

****GROUP X ****
Accounting/Business Management
Business Communication & Technologies
Computing
English
Home Economics (available only to students entering through the Home Economics entry point)
Mathematics
Physical Education (available only to students entering through the Physical Education entry point)
Science Studies
Social Science
English as a Second Language (ESL)

****GROUP Y ****
Accounting/Business Management
Biology
Business Communications & Technologies
Chemistry
Earth Science
Economics
English
Film & Media Studies (subject to quota)
French
Geography
German
Health Education
History
Indonesian
Japanese
Legal Studies
Mathematics
Physics

NOTE:
Where the same subject is listed in both Groups X and Y (eg. English), it may only be selected once.
There may be limited places in some disciplines as a second teaching area.
Students selecting Home Economics or Physical Education are to complete 96 credit points in these areas.
Some subjects are taught at Gardens Point and Carseldine campuses and timetable incompatibilities may exist with subjects taught at Kelvin Grove.
Students wishing to take biology, chemistry, earth science, or physics with subject areas other than mathematics or science studies should check for possible timetable difficulties.

Mathematics has an Assumed Knowledge of Maths B (4 SA)

Year 1, Semester 1
EDB006 Learning Networks
2 x Discipline Studies X Unit
1 x Discipline Studies Y Unit

Year 2, Semester 1
EDB001 Teaching and Learning Studies 1: Teaching in New Times
1 x Discipline Studies X Unit
2 x Discipline Studies Y Unit

Year 2, Semester 2
EDB002 Teaching and Learning Studies 2: Development and Learning
EDB031 Secondary Field Studies 1: Development and Learning in the Field
Curriculum Studies 1X
Curriculum Studies 1Y

Year 3, Semester 1
EDB007 Culture Studies: Indigenous Education
OR
Extension Unit in Discipline X or Y for students choosing the Discipline Extension Pathway
AND
2 x Discipline Studies X Unit
1 x Discipline Studies Y Unit

Year 3, Semester 2
EDB003 Teaching and Learning Studies 3: Practising Education
EDB032 Secondary Field Studies II: Practising Education in the Field
Curriculum 2X
Curriculum 2Y

Year 4, Semester 1
EDB004 Teaching & Learning Studies IV: Inclusive Education
EDB033 Secondary Field Studies III: Immersion in Inclusive Educational Practices
Curriculum 3X
Curriculum 3Y

Year 4, Semester 2
EDB005 Teaching & Learning Studies V: Professional Work of Teachers
EDB034 Secondary Field Studies IV: Professional Work of Teachers: Induction into the Field
EDB035 Internship
AND
Pathway Elective Unit
OR
EDB007 Culture Studies: Indigenous Education

ED90 Pathway Elective Units
Possible Combinations of Subject Areas
Middle Years of Schooling
SPB008 The Middle Years Of Schooling
SPB018 Teaching Strategies
SPB020 Classroom Assessment Practices
SPB022 The Middle Years Curriculum
CLB323 Teaching Adolescent Literature
MDB021 Mathematics Curriculum Studies 1
Studies in Inclusive Education
CLB045 Becoming a Second Language User
CLB049 The Global Teacher
CLB347 Teaching English as an Additional Language
CLB401 Cultural Diversity And Education
CLB403 Gender And Sexuality Issues For Teachers
MDB030 Understanding and Educating Gifted Learners
SPB003 Teaching Children With Low Incidence Disabilities And Health Problems
SPB004 Teaching Students with Learning Difficulties
SPB007 Human Sexuality And Learning
Studies in Indigenous Education
CLB402 Issues In Indigenous Education
HHB255 Indigenous Politics And Political Culture
HHB276 Indigenous Research, Ethics and Protocols
KKB701 Indigenous Australian Writing (to be confirmed)
Studies in Managing Learners and Learning
SPB004 Teaching Students with Learning Difficulties
SPB006 Educational Counselling
SPB010 Education, Law And The Beginning Teacher
SPB012 Classroom And Behaviour Management
SPB017 Classroom Management: Models And Practice
■ Bachelor of Education (Secondary) - Graduate Course (ED55)

**Award title:** Bachelor of Education  
**CRICOS code:** 031572G  
**Location:** Kelvin Grove

**Course duration (full-time):** 2 years; 1.5 years Summer Program Option  
**Course duration (part-time):** 4 years; 3 years Summer Program Option  
**Course duration (external):** 2 years full-time or 4 years part-time; 1.5 years full-time or 3 years part-time Summer Program Option

**Total credit points:** 192  
**Course coordinator:** Dr Gillian Kidman

**ED90 Curriculum Studies Units**

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<td>Film and Media Curriculum Studies 1</td>
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<td>Earth Science Curriculum Studies 2</td>
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<tr>
<td>MDB020</td>
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<tr>
<td>MDB021</td>
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<tr>
<td>MDB022</td>
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<tr>
<td>MDB023</td>
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<tr>
<td>MDB024</td>
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<td>MDB026</td>
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<tr>
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<td>Science Curriculum Studies 1</td>
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<tr>
<td>MDB029</td>
<td>Science Curriculum Studies 3</td>
</tr>
<tr>
<td>PUB343</td>
<td>Home Economics Curriculum Studies 1</td>
</tr>
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<td>Home Economics Curriculum Studies 2</td>
</tr>
<tr>
<td>PUB743</td>
<td>Home Economics Curriculum Studies 3</td>
</tr>
</tbody>
</table>

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**Professional Recognition**

Students based outside Queensland should note that a proportion of the practicum requirements for this course may need to be completed in a Queensland school if registration with the Queensland Board of Teacher Registration is required. As required by Queensland’s Child Protection Act, students must undergo national criminal history checks (which must be renewed every two years) prior to undertaking field experience. Applicants for registration as a teacher in Queensland are also subject to national criminal history checks.

**Course Structure**

Students pursue two teaching areas which are offered in the secondary school curriculum. Curriculum areas available in this course include Accounting/Business Management, Business Communication and Technologies Education, Art, Biology, Chemistry, Computing, Dance, Drama, Earth Science, Economics, English, Languages Other Than English (LOTE), Legal Studies, Mathematics, Music, Physical Education, Physics, Science Studies, Social Science.

Please note that Dance, Drama, Music, Art, LOTE, ESL, Home Economics, Film and Media, Health Education, and Physical Education curriculum studies are not available in the external mode. ESL can be chosen as a second teaching area only with English or LOTE as the first teaching area.

Students undertaking the option of a double LOTE specialisation must take LOTE as the first teaching area and Primary LOTE as the second teaching area. Students must complete LOTE and Primary LOTE Curriculum Studies 1 and 2. These students will be given LOTE teaching experience in primary schools during their third secondary professional practice block. LOTE includes French, German, Japanese, Indonesian, Chinese, Korean, and Italian.

**Full-time Internal/External Course Structure**

**Semester 1**

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
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<tbody>
<tr>
<td>SPB001</td>
<td>Human Development And Education</td>
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<tr>
<td>EDB450</td>
<td>Secondary Professional Practice 1: Classroom Management</td>
</tr>
<tr>
<td>CLB341</td>
<td>Language, Technology And Education</td>
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<tr>
<td>EDB006</td>
<td>Learning Networks</td>
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<tr>
<td>EDB001</td>
<td>Teaching and Learning Studies 1: Teaching in New Times</td>
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**Semester 2**

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<tbody>
<tr>
<td>SPB002</td>
<td>Psychology Of Learning And Teaching</td>
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<tr>
<td>EDB451</td>
<td>Secondary Professional Practice 2: Curriculum Decision Making</td>
</tr>
<tr>
<td>EDB452</td>
<td>Secondary Professional Practice 3: The Inclusive Curriculum</td>
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<tr>
<td>EDB453</td>
<td>Secondary Professional Practice 4: The Beginning Teacher</td>
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**Semester 3**

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<tr>
<td>EDB450</td>
<td>Secondary Professional Practice 1: Classroom Management</td>
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<tr>
<td>CLB341</td>
<td>Language, Technology And Education</td>
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<tr>
<td>EDB006</td>
<td>Learning Networks</td>
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<tr>
<td>EDB001</td>
<td>Teaching and Learning Studies 1: Teaching in New Times</td>
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**Semester 4**

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<th>Code</th>
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<tbody>
<tr>
<td>EDB453</td>
<td>Secondary Professional Practice 4: The Beginning Teacher</td>
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</tbody>
</table>

**Full-time Internal/External Accelerated Structure Option**

**Year 1, Semester 1**

<table>
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<tbody>
<tr>
<td>SPB001</td>
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<td>EDB450</td>
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<td>EDB006</td>
<td>Learning Networks</td>
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<td>EDB001</td>
<td>Teaching and Learning Studies 1: Teaching in New Times</td>
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**Year 1, Semester 2**

<table>
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<tr>
<th>Code</th>
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<tbody>
<tr>
<td>SPB002</td>
<td>Psychology Of Learning And Teaching</td>
</tr>
<tr>
<td>EDB451</td>
<td>Secondary Professional Practice 2: Curriculum Decision Making</td>
</tr>
</tbody>
</table>
Curriculum Studies 1X
Curriculum Studies 1Y

Year 1, Semester 3 (Summer Program Option)
Education Studies Elective
Education Studies Elective
Curriculum Elective

EDB452 Secondary Professional Practice 3: The Inclusive Curriculum

Year 2, Semester 1
CLB306 Understanding Educational Practices
EDB453 Secondary Professional Practice 4: The Beginning Teacher
Curriculum Studies 2X
Curriculum Studies 2Y

Part-time Internal/External Course structure

Year 1, Semester 1
SPB001 Human Development And Education
External Students:
CLB341 Language, Technology And Education
Internal Students:
EDB006 Learning Networks

Year 1, Semester 2
SPB002 Psychology Of Learning And Teaching
Curriculum Studies 1X

Year 2, Semester 1
EDB450 Secondary Professional Practice 1: Classroom Management
EDB001 Teaching and Learning Studies 1: Teaching in New Times

Year 2, Semester 2
EDB451 Secondary Professional Practice 2: Curriculum Decision Making
Curriculum Studies 1Y

Year 3, Semester 1
CLB306 Understanding Educational Practices
Curriculum Studies 2X

Year 3, Semester 2
Education Studies Elective
Education Studies Elective

Year 4, Semester 1
EDB452 Secondary Professional Practice 3: The Inclusive Curriculum
Curriculum Studies 2Y

Year 4, Semester 2
EDB453 Secondary Professional Practice 4: The Beginning Teacher
Curriculum Elective

Part-time Internal/External Accelerated Course structure Option

Year 1, Semester 1
External Students:
CLB341 Language, Technology And Education
Internal Students:
EDB006 Learning Networks
EDB001 Teaching and Learning Studies 1: Teaching in New Times

Year 1, Semester 2
SPB001 Human Development And Education
Curriculum Studies 1X

Year 1, Semester 3 (Summer Program)
CLB306 Understanding Educational Practices
Education Studies Elective

Year 2, Semester 1
EDB450 Secondary Professional Practice 1: Classroom Management
Curriculum Studies 2X

Year 2, Semester 2
EDB451 Secondary Professional Practice 2: Curriculum Decision Making
Curriculum Studies 1Y

Year 2, Semester 3 (Summer Program)
SPB002 Psychology Of Learning And Teaching
Curriculum Elective

Year 3, Semester 1
EDB452 Secondary Professional Practice 3: The Inclusive Curriculum
Curriculum Studies 2Y

Year 3, Semester 2
EDB453 Secondary Professional Practice 4: The Beginning Teacher
Education Studies Elective

ED55 Curriculum Studies 1
CLB355 Accounting/business Management Curriculum Studies 1
KVB413 Art Curriculum Studies 2
MDB326 Biology Curriculum Studies 2
CLB358 Business Communications And Technologies Curriculum Studies 2
MDB328 Chemistry Curriculum Studies 2
MDB330 Computing Curriculum Studies 2
KDB429 Dance Curriculum Studies 2
KTB415 Drama Curriculum Studies 2
MDB332 Earth Science Curriculum Studies 2
CLB360 Economics Curriculum Studies 2
CLB362 English Curriculum Studies 2
CLB448 English As A Second Language Curriculum Studies 2
CLB328 Film And Media Curriculum Studies 2
CLB362 Geography Curriculum Studies 2
HMB395 Health Education Curriculum Studies 2
CLB364 History Curriculum Studies 2
PUB322 Home Economics Curriculum Studies 2
CLB366 Legal Studies Curriculum Studies 2
CLB330 LOTE Curriculum Studies 2
MDB334 Mathematics Curriculum Studies 2: Senior Mathematics
MDB452 Mathematics Curriculum Studies 2: Junior and Vocational Mathematics
KMP431 Music Curriculum Studies 2
KMP433 Music Curriculum Studies 2A
HMB370 Physical Education Curriculum Studies 2
MDB336 Physics Curriculum Studies 2
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OVERVIEW

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

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

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

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

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

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

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

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

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

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

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

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

SENIOR STAFF

Faculty Office

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

Faculty Administration Manager: M. Rimland, BA Qld

Health Project Manager: C. Cliff, BSc ANU, PhD Keele, CChem, DipEnvStud Macq, GradDipOutdoorEd Brisbane CAE, GradDipBusAdmin

School of Human Movement Studies

Head: Professor A.W. Parker, MSc PhD Oregon, FASMF

Assoc Prof: A.P. Hills, BEd Tas, MSc Oregon, PhD Qld

School of Nursing

Head: Professor H.E. Edwards, DipAppSc BA (Hons), PhD, RN, FRCNA

Professors: J. Abbey, PhD Deakin

M. Courtney, BAdmin(Acctg) Griff, MHP UNSW, PhD UNE, RN, FRCNA

A. Chang, DipNEd, BEd(Hons), MEdSt, PLD, RN, FRCNA

G. Gardiner, BAppSc(AdvNursing) La Trobe, MEdSt Monash, PhD Qld

Assoc Prof: P. Yates, DipAppSc QIT, MSoSc PhD Qld, FRCNA

School of Optometry

Head: Professor L.G. Carney, BAapSc MSc(Optom) PhD Melb, DSc QUT, LOSc, FAAO

Assoc Profs:

D.A. Atchison, MSc(Optom) PhD Melb, Grad Cert Ed, FAAO

M. J. Collins, DipAppSc QIT, MAppSc PhD, FAAO

J. E. Lovie-Kitchin, MSc(Optom) Melb, GradDipRehab La Trobe, LOSc, PhD, FAAO

P. G. Swann, BSc(Hons) Aston, MAppScm QUT, FCOptom, FAAO

J. M. Wood, BSc(Hons) PhD Aston, MCOptom, FAAO
School of Psychology and Counselling

*Head*: Professor R. Young, BSc(Hons) MSc DipClinPsych Otago, PhD Qld, MAPS

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

*Assoc Profs*: R. Schweitzer, BScSc(Hons) UCT, MA (ClinPsy), PhD Rhodes, R. Tay, BSc(Hons) Texas Tech, MSc Stanford, PhD Purdue

*School of Public Health*

*Head*: B.F. Oldenburg, BSc(Hons) MPsych PhD UNSW

*Professor*: B. Newman, BA UC Santa Cruz, MS UC Davis, PhD Berkeley

*Assoc Profs*: C. Patterson, MSc PhD Qld, GradDipBusAdmin QUT

D. Stewart, BA(Hons) Durham, MA(Ed) Leic, PGCertEd Oxf, MPH UNSW, PhD Otago

**RESEARCH CENTRES**

**Institute of Health and Biomedical Innovation**

QUT’s recently established Institute of Health and Biomedical Innovation (IHBI) represents an exciting new venture integrating the disciplines of health, biomedical science and biomedical-engineering. IHBI is a dynamic research facility promoting collaboration between researchers of complementary disciplines and between researchers and commercial industry partners. The Institute has integrated research in the Faculties of Health, Science, and Built Environment and Engineering into six research ‘domains’. The Domains of Advanced Diagnostics and devices, Health Development, Injury Prevention and Rehabilitation, Molecular Farming, Tissue Bio-Regeneration and Vision Improvement are continuing current research programs in key areas.

**Centre for Health Research**

Research activities within the Faculty of Health are supported under the auspices of the Centre for Health Research. This large faculty centre encompasses research of national and international standing conducted by staff in the Faculty’s Schools including research undertaken through the Centre for Accident Research & Road Safety Queensland (CARRS-Q see detail below). These activities are embraced within the Centre for Health Research as part of six collaborative research programs:

- Ageing
- Health and well-being
- Human behaviour
- Physical activity, disability, injury and rehabilitation
- Vision
- Accident research

Each of these programs has an established national and international presence in its specific research activities. The main activities in each program include:

**Ageing**

The proportion of the Australian population aged over 65 years is increasing significantly. This population shift will result in more people with age-related diseases, but many older Australians remain healthy and contribute substantially to the economy and to their community. Opportunities in ageing research cover both aspects, the impact of age-related disease and successful ageing. Current research activities in this area relate to community and residential care, pain and symptom management, palliative care, ocular disease and the effects of vision impairment, foot health, gait, mobility and posture analysis, disorders of movement, injury in older people, social identity, families, mental health, nutrition, cognition and cognitive/memory deficits, the older driver, the older worker and active ageing.

**Health and Well-being**

Research activities in this area relate to health services, policy and management, as well as population health and human behaviour. Areas of strength include the management of chronic diseases such as cancer, diabetes and coronary heart disease; improving the care of hospitalised patients and managing early discharge; health outcomes for disadvantaged populations; health promotion in schools; prevention and management of obesity and related conditions and other health related quality of life issues. Researchers from across the Faculty bring knowledge and expertise in health promotion, health care systems and economics, nursing, disease management and prevention, epidemiology and biostatistics, policy and health services management.

**Human Behaviour**

The understanding of psychological processes has advanced considerably over recent decades with advances in methodology and technology. The opportunities in psychology and health include research in addictive behaviour, eating, exercise, organic mental disorder and health promotion. This research profile extends from the use of psychological models to predict health behavioural change to neurobiological approaches. Another current strength is in the area of psychological therapies and counselling. This body of work includes rehabilitation, treatment of anxiety disorders and depression, narrative therapy, family therapy and counselling supervision. There is also a strong tradition in research embracing fundamental, social, cognitive and developmental processes in psychology. This includes research in attitude theory, group behaviour and decision-making, adolescence, memory, psycholinguistics and the development of reading.

**Physical Activity, Disability, Injury and Rehabilitation**

The role of physical activity in the maintenance and restoration of health is a significant emerging area. Studies in this area are aimed at the promotion of physical activity during childhood and adolescence, the prescription of exercise in the context of chronic disease and at community-based health behaviour interventions. There is increasing evidence of the role of physical activity in the prevention, treatment and management of a range of chronic diseases of increasing prevalence, such as obesity, diabetes, osteoarthritis and cardiovascular and peripheral arterial disease. A key strength in the Faculty is in the area of rehabilitation research and therapeutic interventions in disease and injuries across all life stages. Research areas include falls and mobility in older people, neurological injury, vision loss, musculoskeletal injuries from sport, emotional or behavioural disorders in children, chronic fatigue syndrome, dementia and Alzheimer’s disease.

**Vision**

Vision research provides an important resource for the community, industry, government and eye-care professions. Collaborative research has created a network linking the Centre and similar organisations within Australia and overseas. Research encompasses activities in visual optics, including aberrations of the eye and their correction, lens design and performance, myopia and optics of the eye; visual performance studies, including vision rehabilitation, vision and driving and vision and falls; and clinical research on the ocular surface, effects of refractive surgery, colour vision and electroretinography.

**Centre for Accident Research and Road Safety - Queensland (CARRS-Q)**

**Accident Research**

CARRS-Q is an initiative of the Motor Accident Insurance Commission (MAIC) and is funded by MAIC and QUT. The Centre’s charter is to identify, assess and initiate innovative priority-driven research and teaching programs leading to the development and implementation of strategies to improve safety on our roads, in our workplaces and in our communities. It has an
international advisory board, which includes leading overseas experts on crash prevention. Its board of management comprises members of QUT, RACQ, Queensland Transport, Department of Main Roads, CONROD, Queensland Police, Queensland Health and MAIC. CARRS-Q aims to strengthen and broaden research and intervention development in the areas of vulnerable road users, illegal and high-risk behaviours, the human behaviour and technology interface, school and community-based road safety education and workplace safety.
Doctor of Health Science (HL90)

Award title: Doctor of Health Science
CRICOS code: 037680K
Location: Kelvin Grove

Course duration (full-time): 3 Years
Course duration (part-time): 6 Years
Total credit points: 288 (96 coursework credit points and 192 research portfolio credit points)
Standard credit points per semester (full-time): 48 (average)

Course coordinator: Assoc Prof Carla Patterson

Major Study Areas
- Health Services Management and Policy Sciences
- Nursing
- Occupational and Environmental Health Sciences
- Public Health

Application for Admission
Before submitting an application, potential candidates should contact the Course Coordinator who will assist in the preparation of the application.

Candidates should apply on the appropriate form, supplying any specified documentation. The application should be accompanied by a brief proposal for the course of study and the research field.

Advanced Standing and Articulation
Advanced standing of up to a maximum of 96 credit points may be granted to candidates who have completed an appropriate Masters qualification or its equivalent.

The Doctor of Health Science articulates with the Master of Health Science. Students in the MHlthSc who select their program of study to be consistent with the coursework requirements for the Doctor of Health Science will be eligible for the full credit of 96 credit points.

Course Structure
Students undertake 96 credit points of coursework units and 192 research portfolio credit points. The coursework is chosen from the major study areas and must be completed before proceeding to the research component.

To achieve the appropriate advanced levels students:
- a) choose one of the major study areas list above
- b) complete four (4) units from this major study area (at least two units must be from List B)
- c) complete two (2) units in research methods
- d) complete two (2) approved elective units from either List A or B.

Full-time Course Structure

Year 1, Semester 1
Research Methods Core Unit 1
Major Study Unit 1

Year 1, Semester 2
Major Study Unit 2

Year 2, Semester 1
HLR710/1 Research Project
HLR710/2 Research Project

Year 2, Semester 2
HLR710/3 Research Project
HLR710/4 Research Project

Year 3, Semester 1
HLR710/5 Research Project
HLR710/6 Research Project

Year 3, Semester 2
HLR710/7 Research Project
HLR710/8 Research Project

Part-time Course Structure

Year 1, Semester 1
Research Methods Core Unit 1
Major Study Unit 1

Year 1, Semester 2
Major Study Unit 2
Elective Unit

Year 2, Semester 1
Research Methods Core Unit 2
Major Study Unit 3

Year 2, Semester 2
Major Study Unit 4
Elective Unit

Year 3, Semester 1
HLR710/1 Research Project

Year 3, Semester 2
HLR710/2 Research Project

Year 4, Semester 1
HLR710/3 Research Project

Year 4, Semester 2
HLR710/4 Research Project

Year 5, Semester 1
HLR710/5 Research Project

Year 5, Semester 2
HLR710/6 Research Project

Year 6, Semester 1
HLR710/7 Research Project

Year 6, Semester 2
HLR710/8 Research Project

Research Methods Core Units and Major Study Area Units

Research Methods Core Units
Two units must be completed from the following:
- HLN405 Qualitative Research
- HLN705 Introduction to Quantitative Research Methods
- PUN105 Health Statistics
- HLN706 Advanced Quantitative Research Methods

Note: students who have completed PUB316 (or equivalent) are ineligible to undertake HLN705.

Major Study Area Units
Students must complete four units from their major study area (at least two of which are selected from List B). Two additional elective units can be chosen from either List A or B.

Health Services Management and Policy Sciences

List A
- PUN601 Contemporary Health Policies
- PUN602 Health Planning, Management and Evaluation
- PUN608 Health Economics
- PUN610 Health Services Management
- HLN701 Independent Study
- PUN615 Advanced Health Service Management
- PUR200 Emerging Issues in Public Health
- PUR201 Advanced Professional Studies

List B
- PUP034 Advanced Studies and Practice in Health Promotion
- HLN701 Independent Study
- PUR200 Emerging Issues in Public Health
- PUR201 Advanced Professional Studies

Public Health

List A
- PUN010 Advanced Epidemiology
- PUP035 Health Promotion Strategies and Evaluation
- HLN701 Independent Study
- PUR200 Emerging Issues in Public Health
- PUR201 Advanced Professional Studies

List B
- PUN008 Risk Assessment
- PUN617 Environmental Health Management
- PUP415 Occupational and Environmental Health
- PUN302 Determinants of Workplace Injury and Disease
- PUR200 Emerging Issues in Public Health
- PUR201 Advanced Professional Studies
- HLN701 Independent Study
- PUR200 Emerging Issues in Public Health
- PUR201 Advanced Professional Studies

Nursing
(Only available to candidates eligible for registration as a nurse in Australia.)
**Master of Applied Science (Research) (HL84)**

**Award title:** Master of Applied Science (Research)

**CRICOS code:** 007897G

**Location:** Kelvin Grove and Carseldine

**Course duration (full-time):** 1-2 years

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

**Course coordinator:** Assoc Prof Jan Lovie-Kitchin

**Application for Admission**
The Master of Applied Science (Research) program is administered by the Health Academic Board through its Faculty Research Committee.

Applications for admission should set out fully the candidate’s intended course of study. The proposed course of study should include the area of study, the coursework to be undertaken, the proposed title of the thesis to be written, the aim of the proposed program of research and investigation, its background, the significance and possible application of the research program, and the research plan.

Approval of applications is subject to the receipt of a statement of support from the Head of School and Director of Centre in which the proposed research program is to be undertaken.

**Course Structure**
Students undertake a program of research and investigation on a topic approved by the Faculty Research Committee. Students may be required to undertake an appropriate course of study concurrently with the research program. The course of study normally includes: a program of assessed coursework; participation in University scholarly activities such as research seminars, teaching and publication; regular face-to-face interaction with supervisors; and a program of supervised research and investigation.

**Course Coordination**
Students undertake their program of research through one of the Faculty’s Schools. Research expertise within the Faculty covers activities in ageing; physical activity, disability, injury and rehabilitation; health and wellbeing; human behaviour; vision; and accident research. Potential students are encouraged to contact the relevant School or Research Centre prior to submitting an application to discuss the proposed research project, supervision and facilities.

**Master of Counselling Psychology (PY17)**

**Award title:** Master of Counselling Psychology

**CRICOS code:** 043120C

**Location:** Carseldine

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

**Course duration (part-time):** 8 semesters

**Total credit points:** 192

**Course coordinator:** Assoc Prof Robert Schweitzer

**Course structure - Full-time**

**Year 1, Semester 1**
- PYN005 Research Methods and Issues: Evidence Based Practice
- PYN026 Advanced Psychological Interventions 1
- PYN027 Advanced Psychological Assessment
- PYN035 Supervised Practicum 1

**Year 2, Semester 2**
- PYN028 Advanced Developmental Psychopathology
- PYN029 Advanced Psychological Interventions 2
- PYN030 Ethical, Legal and Supervision Issues in Counselling Psychology
- PYN036 Supervised Practicum 2

**Year 3, Semester 3**
- PYN031 Research Thesis (Part 1)
- PYN031 Research Thesis (Part 2)
- PYN037 Supervised Practicum 3

**Year 4, Semester 4**
- PYN031 Research Thesis (Part 3)
- PYN031 Research Thesis (Part 4)
- PYN038 Supervised Practicum 4

**Course structure - Part-time**

**Year 1, Semester 1**
- PYN026 Advanced Psychological Interventions 1
- PYN027 Advanced Psychological Assessment

**Year 2, Semester 2**
- PYN036 Supervised Practicum 2

**Year 3, Semester 3**
- PYN031 Research Thesis (Part 1)
- PYN031 Research Thesis (Part 2)

**Year 4, Semester 4**
- PYN031 Research Thesis (Part 3)
- PYN037 Supervised Practicum 3

- PYN038 Supervised Practicum 4

**Electives**
- PYN013 Advanced Counselling Practice

**Plus ONE subject from:**
- PYN008 Project (Part 1)
- PYN008 Project (Part 2)
- PYN008 Project (Part 3)

**Course Structure**

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

**Course structure**

- **Year 1, Semester 1**
  - PYN001 Professional Studies 1
  - PYN002 Counselling Studies 2
  - PYN003 Group Studies

- **Year 2, Semester 1**
  - PYN004 Counselling Studies 3
  - PYN006 Professional Studies 2

- **Year 2, Semester 2**
  - PYN014 Research for Counselling Practice

- **Year 3, Semester 1**
  - PYN007 Professional Studies 3
  - PYN008 Project (Part 1)

- **Year 3, Semester 2**
  - PYN008 Project (Part 2)
  - PYN008 Project (Part 3)

- **Year 4, Semester 1**
  - PYN031 Research Thesis (Part 4)
  - PYN031 Research Thesis (Part 3)
  - PYN030 Professional Studies 4

- **Year 4, Semester 2**
  - PYN038 Supervised Practicum 4

**Electives**
- Plus ONE subject from:
Master of Health Science (HL88)

Award title: Master of Health Science (Study Area A)
CRICOS code: 00903K
Location: Gardens Point and Kelvin Grove
Course duration (full-time): 3 Semesters
Course duration (part-time): 6 Semesters
Course duration (external): 3 semesters (full-time) or 6 semesters (part-time)
Total credit points: 144
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Dr Elizabeth Parker

Majors
Majors are offered in the following areas:
- Environmental Health
- Health Services Management
- Health Promotion
- Health, Safety and Environment
- Risk Management
- Physical and Health Education
- Women’s Health
- Aged Care
or a cross specialisation (where no major is taken but students study across a variety of fields.)

To complete a major, students must complete at least four units from the same discipline area from with the Faculty of Health.

Course Structure
The course consists of at least eight (8) units offered by the Schools of the Faculty of Health (List A). The remaining four units can be taken as four elective units either from List A or List B. An array of elective units allow students to either specialise in their professional discipline or to choose a coherent group of units from more than one specialist area.

To complete a major in any of the major areas of study students must complete at least four (4) units (48 credit points) in that discipline area.

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

Students with a four-year degree or three-year degree with additional one-year honours may be able to obtain advanced standing up to a maximum of 48 credit points for previous study.

Special Notes
Students can only graduate with one specified major (ie only one major will appear on the official academic record). Students may elect to change majors during their course as appropriate but should seek academic advice before doing so.

Students can not normally enrol directly in the Masters Degree in the area of Occupational Health and Safety unless they have completed relevant undergraduate qualifications in this area to the satisfaction of the course coordinator. Special consideration may be given on an individual basis.

Course Pathways/Articulation
Student who complete the Master of Health Science may be eligible for up to one year of advanced standing in HL90 Doctor of Health Science.

After successfully completing the equivalent of two semesters full-time study, students may exit the program with a Graduate Diploma in Health Science.

After successfully completing the equivalent of one semester of full-time study, students may exit the program with a Graduate Certificate in Health Science.

HL38 Graduate Certificate in Health Science, HL68 Graduate Diploma in Health Science and PU65 Graduate Diploma in Health, Safety and Environment, fully articulate into HL88 Master of Health Science.

NS64 Graduate Diploma in Nursing and NS85 Master of Nursing students may apply for a maximum of 48 credit points of advanced standing (equivalent to List B) towards HL88 Master of Health Science. No advanced standing will be granted towards HL38 Graduate Certificate in Health Science or HL68 Graduate Diploma in Health Science. This is in addition to any List A units completed.

The following courses also articulate with the Master of Health Science:
- Graduate Certificate in Aged Care
- Graduate Certificate in Ambulance Management (QAS)
- Graduate Certificate in Community Practice
- Graduate Certificate in Environmental Health
- Graduate Certificate in Health Management (QH)
- Graduate Certificate in Health Promotion
- Graduate Certificate in Health Services Management
- Graduate Certificate in Risk Management
- Graduate Certificate in Women’s Health

Full-time Course Structure
Year 1, Semester 1
Select four units
Year 1, Semester 2
Select four units
Year 2, Semester 1
Select from:
Four units
OR
HLN703 Project A
Plus two units
OR
HLN708 Project
OR
HLN700 Thesis

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

Unit List
List A - Major Areas of Study
AGED CARE
NSN626 Dementia and Family Care
NSN801 Health Assessment in Aged Care
NSN821 Key Issues in Aged Care
NSN822 Principles of Aged Care Practice
ENVIRONMENTAL HEALTH
PUN001 Contemporary Risk Management
PUN617 Environmental Health Management
PUN620 Concepts of Environmental Health
PUP415 Occupational and Environmental Health
HEALTH

HEALTH SERVICES MANAGEMENT
PUN601 Contemporary Health Policies
PUN602 Health Planning, Management and Evaluation
PUN608 Health Economics
PUN609 Health Care Finance
PUN610 Health Services Management
PUN615 Advanced Health Service Management
PUN692 Health Care Delivery Systems
PUP032 Intervention Design and Theories of Change
PUP034 Advanced Studies and Practice in Health Promotion
PUP035 Health Promotion Strategies and Evaluation
PUP036 Concepts and Settings for Health Promotion

HEALTH PROMOTION
PUP201 Safety Technology and Practice
PUN001 Contemporary Risk Management
PUN008 Risk Assessment
PUN301 Health, Safety and Environmental Law and Management
PUN302 Determinants of Workplace Injury and Disease
PUP116 Ergonomics
PUP250 Occupational and Environmental Monitoring
PUP415 Occupational and Environmental Health

PHYSICAL AND HEALTH EDUCATION
HMN201 Developing Teaching and Learning Initiatives for the Health and Physical Education Key Learning Area
HMN202 Developing and Assessing Higher Order Thinking Skills in School Physical Education
HMN203 Application of the Sciences to Teaching and Learning in Physical Education and Sport
HMN205 Health Education Curriculum across the School Years
HMN206 Designing Physical Activity Experiences for Special Populations
PUN620 Concepts of Environmental Health
RISK MANAGEMENT
EFN418 Introduction to Financial Risk Management
PUN001 Contemporary Risk Management
PUN008 Risk Assessment
PUN10 Implementing Risk Management
WOMEN’S HEALTH
NSN509 Special Topic
NSN516 Sexual Reproductive Health
NSN517 Women’s Health Issues

Additional List A Units
RESEARCH METHODS ELECTIVES
HLN405 Qualitative Research
HLN705 Introduction to Quantitative Research Methods
HLN706 Advanced Quantitative Research Methods
PUN105 Health Statistics
RESEARCH UNITS
HLN701 Independent Study
HLN703 Project A
HLN704 Project B
HLN708 Project
HLN700 Thesis
OR
HLN750 Thesis
GENERAL HEALTH ELECTIVES
PUN103 Advanced Epidemiology
PUN106 Population Health
PYN026 Advanced Psychological Interventions 1
PYN029 Advanced Psychological Interventions 2
PYN460 Advanced Interventions For Addictive Behaviours
PYP401 Introduction to Road Safety
PYP402 Traffic Psychology and Behaviour
PYP404 Applying Traffic Psychology
UNDERGRADUATE HEALTH ELECTIVES
(maximum two permitted)
HMB361 Functional Anatomy 2
HMB362 Biomechanics 2
HMB371 Motor Control And Learning 2
HMB374 Psychology of Rehabilitation
HMB381 Exercise Physiology 2
HMB384 Injury Prevention and Rehabilitation
HMB480 Advanced Exercise Prescription
PUB509 Nutrition
PUB514 Contract/Project Management
PUB609 Health Resource Allocation
PUB644 Health Promoting Schools
List B Elective (not available to HL38 or HL68 students)
AMN461 Corporate Media Strategy and Tactics
AMN463 Public Opinion and Public Relations
AMN465 Public Relations Management
AMN467 Public Relations Campaigns
BUSINESS MANAGEMENT
GSN207 Organisational Analysis and Consulting
MGN402 Government-Business Relations
MGN409 Introduction to Management
MGN412 People in Organisations
MGN421 Strategic HRM
MGN422 Contemporary Issues and Practices in Employee Relations
MGN424 International Dimensions of HRM
MGN425 The Context of Public Management
MGN426 International Trends in Public Management
MGN427 Human Resource Management
MGN505 Consulting and Change Management
MGN516 Policy Analysis
MGN517 Program Management and Evaluation
ACCOUNTANCY
AYN410 Business Law and Ethics
AYN416 Financial Accounting 1
AYN447 Issues in Electronic Commerce
CREATIVE INDUSTRIES
KCP110 Global Media and Communication Policy
LEGAL AND JUSTICE STUDIES
JSP151 Policy, Governance and Justice
JSP152 Administrative Justice
JSP154 Human Rights and Global Justice
LWS006 Health, Ethics And The Law
EDUCATION
SPN621 Adult And Workplace Education: Principles And Practices
SPN622 Legal Risks Management And Workplace Education
SPN623 Strategic Workplace Education and the Learning Organisation
SPN624 Foundations Of Adult Learning And Development
PHILANTHROPY AND NONPROFIT STUDIES
AMN482 Marketing for the Nonprofit Sector
GSN224 Corporate Philanthropy
GSN232 Fundraising Principles
GSN481 Philanthropic and Nonprofit Frameworks of Governance
GSN482 Philanthropic and Nonprofit Economics
GSN483 Ethics for Philanthropic and Nonprofit Organisations
GSN484 Management for Philanthropic and Nonprofit Organisations
GSN485 Legal Issues for Philanthropic and Nonprofit Organisations
GSN486 Accounting Issues for Philanthropic & Nonprofit Organisations

Master of Nursing (NS85)
Award title: Master of Nursing (Study Area A)
CRICOS code: 012644J
Location: Kelvin Grove
Course duration (full-time): 3 semesters
Course duration (part-time): 6 semesters
Course duration (external): 3 semesters (full-time) or 6 semesters (part-time) except mental health major
Total credit points: 144
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Dr Debra Anderson

Majors
The following majors are offered in this course:
• Aged Care
• Cancer Nursing
• Community Practice
• Intensive Care Nursing
• Medical/Surgical Nursing
• Mental Health
• Midwifery*
• Paediatric, Child and Youth Health
• Professional Studies
• Women's Health
  * Midwifery is not offered in the Graduate Diploma in Nursing but is offered in a separate Graduate Diploma in Midwifery which articulates with the Master of Nursing.

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

The Master of Nursing consists of the content of the Graduate Diploma in Nursing plus a further 48 credit points. Students who wish to graduate with a specified major in the Master of Nursing (except Professional Studies) will be required to complete the 96 credit points of the Graduate Diploma in Nursing units relevant to that major and undertake either a 48 credit point thesis or an additional 24 credit points of the remaining 48 credit points at the masters level in units also relevant to that major. These 24 credit points can be undertaken by completing relevant coursework units, a 24 credit point clinical project or a 24 credit point thesis relevant to the major.

Students who wish to graduate from the Master of Nursing with a major in Professional Studies will be required to complete the 96 credit points of the Graduate Diploma in Nursing, and can then choose to complete the remaining 48 credit points at the masters level either by coursework, project or thesis. The coursework units may be selected from any postgraduate level units offered within the University for which the student has the necessary prerequisite.

The Master of Nursing may be undertaken both in the full-time and part-time modes.

For all majors except for mental health nursing, students may complete their program by internal or external mode. Students in the mental health nursing program will be required to complete some units by internal mode, but may choose to undertake selected units by external mode.

Course Pathways/ Articulation
The Graduate Diploma in Nursing and the Master of Nursing fully articulate and are offered for domestic and overseas students who are eligible for registration as a nurse with the Queensland Nurses Council (QNC).

Student who complete the Master of Nursing may also be eligible for up to 96 credit points advanced standing in HL90 Doctor of Health Science.

Full-time Course structure
Semester 1 and Semester 2
Students are required to complete the two semesters of the Graduate Diploma in Nursing content in their major area of study or the Graduate Diploma in Midwifery before continuing onto the third semester of the Master of Nursing.

Semester 3
- Four (4) electives (List A) each of 12 credit points
- OR
- NSN506 Clinical Project
- And Two (2) electives (List A) each of 12 credit points
- OR
- NSN850 Thesis (Full-time)

Part-time Course structure
Semesters 1 to 4
Students are required to complete the four semesters of the Graduate Diploma in Nursing content in their major area of study before continuing onto the Master of Nursing.

Semesters 5 and 6
- Two (2) electives from List A
- and
- Two (2) electives from List B
- OR

Semesters 5 and 6
- Two (2) electives from List A

Elective Lists
List A (Semester 1)
- HLN705 Introduction to Quantitative Research Methods
- HLN706 Advanced Quantitative Research Methods
- HLN405 Qualitative Research
- NSN721 Key Issues in Emergency and Intensive Care Nursing
- NSN002 Key Issues in Child and Youth Health Nursing
- NSN821 Key Issues in Aged Care
- NSN801 Health Assessment in Aged Care
- NSN701 Advanced Health Assessment
- NSN517 Women's Health Issues
- NSN508 Advanced Readings in Nursing

List B (Semester 2)
- HLN405 Qualitative Research
- NSN508 Advanced Readings in Nursing
- NSN509 Special Topic
- NSN723 Specialisation in Critical Care Nursing
- NSN725 Specialisation in Medical/Surgical and Cancer Nursing
- NSN626 Dementia and Family Care
- NSN516 Sexual Reproductive Health
- NSN502 Critical Inquiry in Health Care
- NSN523 Clinical Studies
- NSN722 Principles of Intensive Care Nursing

* In selected modules, students studying NSN723 and NSN725 must be working in a practice setting relevant to the areas of study, or be willing to undertake additional clinical experiences. Contact the course coordinator for further information.

Master of Public Health (PU85)
Award title: Master of Public Health (Study Area A)
CRICOS code: 009029C
Location: Kelvin Grove
Course duration (full-time): 3 semesters
Course duration (part-time): 6 semesters
Course duration (external): 3 semesters (full-time) or 6 semesters (part-time)
Total credit points: 144
Course coordinator: Dr Elizabeth Parker

Overview
The Graduate Diploma in Public Health and Master of Public Health Programs are offered and taught conjointly by a consortium of three universities (QUT, Griffith University, and The University of Queensland). Students enrol through one of these universities and are required to complete: four compulsory core units, four elective units, and a further four electives or a dissertation under the guidance of a supervisor.

Course rules are available in the Public Health Programs course handbook available from School of Public Health.

Specialised Streams Units
Offered in the areas of:
- Health Services Management and Policy Sciences
- Occupational and Environmental Health Science
- Health Promotion
- Epidemiology and Research Methods

There is also the option of not completing a major and choosing units from more than one stream.
Course Structure
Students elect between three options:
Option 1. Full Coursework (no project or thesis component)
Consists of four core units, one research methods unit (HLN405, HLN705 or HLN706), and seven advanced elective units.
Elective units will normally be selected according to choice of a major or stream of study, or more than one stream where the ‘no major’ option is chosen.
Option 2. Coursework with a project component
Consists of four core units, one research methods unit (HLN405, HLN705 or HLN706), five advanced elective units and one project unit (HLN703). Elective units will normally be selected according to choice of a major or stream of study, or more than one stream where the ‘no major’ option is chosen.
Option 3. Coursework with a thesis component
Full-time students in the program undertake a course work component in their first two semesters (full-time) or four semesters (part-time), followed by a dissertation component of one semester (or two semesters part-time). The course work component comprises of four core units and four advanced elective units. Elective units will normally be selected according to choice of a major or stream of study, or more than one stream where the ‘no major’ option is chosen.

Course structure - Full-time
PART A - Semester 1 - Core Units (Option 1, 2, 3)
PUN105 Health Statistics
PUN692 Health Care Delivery Systems
PUN702 Social and Behavioural Determinants of Health
PUN743 Introduction to Epidemiology

PART B - Semester 2 - Advanced Elective Units offered by QUT (Option 1, 2, 3)
- 4 electives from same major
- or 4 electives across majors

PART C - Semester 3 - Coursework (Option 1 only)
Students select further electives from advanced elective list.
OR

PART C - Semester 3 - Project (Option 2 only)
HLN703 Project A
plus electives from advanced elective list
OR

PART C - Semester 3 - Dissertation (Option 3 only)
HLN700 Thesis

Course structure - Part-time
PART A - Semester 1 - Core Units
PUN692 Health Care Delivery Systems
PUN105 Health Statistics

PART B - Semester 2 - Advanced Elective Units Offered By QUT (Option 1, 2, 3)
- 2 electives from same major
- or 2 electives across majors

PART A - Semester 3 - Core Units
PUN702 Social and Behavioural Determinants of Health
PUN743 Introduction to Epidemiology

PART B - Semester 4 - Advanced Elective Units Offered By QUT (Option 1, 2, 3)
- 2 electives from same major
- or 2 electives from across majors

PART C - Semester 5 & 6 - Coursework (Option 1 only)
Students select further electives from advanced elective list.
OR

PART C - Semester 5 & 6 - Project (Option 2 only)
HLN703 Project A
OR

PART C - Semester 5 & 6 - Dissertation (Option 3 only)
HLN750 Thesis

Course structure - Advanced Elective Unit List
Health Services Management and Policy Sciences
PUN601 Contemporary Health Policies
PUN602 Health Planning, Management and Evaluation
PUN608 Health Economics

Health Promotion
To qualify for the Health Promotion major, students must complete:
PUP032 Intervention Design and Theories of Change
PUP034 Advanced Studies and Practice in Health Promotion
PUP036 Concepts and Settings for Health Promotion
PUB644 Health Promoting Schools
PUP033 Health Promotion Strategies and Evaluation

Postgraduate Diploma in Psychology (PY20)
Award title: Postgraduate Diploma in Psychology
CRICOS code: 034714G
Location: Carseldine
Course duration (full-time): 2 semesters
Course duration (part-time): 4 semesters
Total credit points: 96
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Dr Renata Meuter

Course structure
The courses comprises eight 12 credit point units. Coursework includes the compulsory unit PYB407 Research and Professional Development Seminar, plus elective units, chosen from advanced cognitive, organisational/counselling theory. The research component of the program entails one Research Methods unit and a thesis. PYB450 Research Thesis is undertaken in modules throughout the program. Initially students will complete an independent review of the literature and prepare an outline for a research proposal. This will then form the basis of a negotiated group project, for which students independently collect, write up and analyse agreed specific components of the data. All coursework units have 3 contact hours per week. Research thesis contact is as required by the supervisor.

Full-time Course structure
Year 1, Semester 1
PYB407 Research Thesis (Part 1)
PYB401 Advanced Research Methods
PYN005 Research Methods and Issues: Evidence Based Practice
HBB232 Survey Methods
PYB402 Counselling Psychology
PYB403 Cognitive Neuropsychology
PYB404 Issues in Social Development Psychology
PYB405 Advanced Organisational Psychology

Year 1, Semester 2
PYB407 Research and Professional Development Seminar
Graduate Diploma in Clinical Hypnosis (PY30)

**Award title**: Graduate Diploma in Clinical Hypnosis  
**Location**: Carseldine  
**Course duration (full-time)**: 2 semesters  
**Course duration (part-time)**: 4 semesters  
**Total credit points**: 96  
**Standard credit points per semester (part-time)**: 24  
**Course coordinator**: Dr Kathryn Gow

**Course structure**

In the Graduate Certificate in Clinical Hypnosis Practice (PY32), you complete Year 1, semesters 1 and 2, to qualify. In the Graduate Diploma in Clinical Hypnosis (PY30) you complete the whole program.

**Course structure**

- **Year 1, Semester 1**
  - PYP300 Clinical Hypnosis: Foundations In Theory And Practice  
  - PYP304 Foundations Of Effective Clinical Research In Hypnosis  
  - PYP309 Hypnosis: Processes, Techniques and Applications  
  - PYP306 Dissertation: Clinical Research Review 1-3  
- **Year 1, Semester 2**
  - PYP306/1 Dissertation: Clinical Research Review  
  - PYP307 Clinical Case Supervision (Group and Individual)  
  - Elective*  

*Any 12 credit point unit offered by the Faculty of Health subject to approval by the course coordinator  

- **Year 2, Semester 1**
  - PYP302 Clinical Applications Of Hypnosis: General And Discipline-Based  
  - PYP307 Clinical Case Supervision (Group and Individual)  
  - Year 2, Semester 2  
  - PYP306/2 Dissertation: Clinical Research Review  
  - PYP306/3 Dissertation: Clinical Research Review

Graduate Diploma in Health Science (HL68)

**Award title**: Graduate Diploma in Health Science (Study Area A)  
**CRICOS code**: 020308C  
**Location**: Kelvin Grove  
**Course duration (full-time)**: 2 semesters  
**Course duration (part-time)**: 4 semesters  
**Course duration (external)**: 2 semesters (full-time) or 4 semesters (part-time)  
**Total credit points**: 96  
**Standard credit points per semester (full-time)**: 48  
**Standard credit points per semester (part-time)**: 24  
**Course coordinator**: Dr Elizabeth Parker

**Majors**

Majors are offered in the following areas: environmental health, health services management, health promotion, risk management, physical and health education, women’s health, aged care and cross specialisation. To complete a major, students must complete at least four units from the same discipline area from with the Faculty of Health.

Students can only graduate with one specified major (ie only one major will appear on the official academic record). Students may elect to change majors during their course as appropriate but should seek academic advice before doing so.

**Course Structure**

The Graduate Diploma in Health Science consists of eight units totally 96 credit points selected from units offered by Schools within the Faculty of Health (List A units). No more than two (24 credit points) senior undergraduate health units can be included in the total.

Completion of four units (48 credit points) in an area of specialisation entitles the graduate to a Graduate Diploma in Health Science within a specific discipline, eg. the title of the qualification would read: Graduate Diploma in Health Science (Health Promotion).

Completion of three units (36 credit points) in an area of specialisation does not entitle the graduate to a descriptor after the title Graduate Diploma in Health Science.

**Course Pathways/Articulation**

This course articulates fully into HL88 Master of Health Science. HL38 Graduate Certificate in Health Science fully articulates into this course.

After successfully completing the equivalent of one semester of full-time study, students may exit the program with a Graduate Certificate in Health Science.

**Full-time Course Structure**

- **Year 1, Semester 1** Select four units from List A  
- **Year 1, Semester 2** Select four units from List A

**Part-time Course Structure**

- **Year 1, Semester 1** Select two units from List A  
- **Year 1, Semester 2** Select two units from List A  
- **Year 2, Semester 1** Select two units from List A  
- **Year 2, Semester 2** Select two units from List A

**Unit List**

See Master of Health Science (HL88) for details.

Graduate Diploma in Health, Safety and Environment (PU65)

**Award title**: Graduate Diploma in Health, Safety and Environment  
**CRICOS code**: 020307D  
**Location**: Kelvin Grove  
**Course duration (full-time)**: 2 semesters (from 2005)  
**Course duration (part-time)**: 4 semesters  
**Course duration (external)**: 4 semesters  
**Total credit points**: 96  
**Standard credit points per semester (full-time)**: 48  
**Course coordinator**: Dr Elizabeth Parker

**Course Pathways/Articulation**

This course fully articulates into HL88 Master of Health Science.

**Full-time Course structure**

- **Year 1, Semester 1**  
  - PUN001 Contemporary Risk Management  
  - PUN008 Risk Assessment  
  - PUN301 Health, Safety and Environmental Law and Management  
  - PUN302 Determinants of Workplace Injury and Disease  
- **Year 1, Semester 2**  
  - MEP201 Safety Technology and Practice  
  - PUP250 Occupational and Environmental Monitoring  
  - PUP415 Occupational and Environmental Health

**Part-time Course Structure**

- **Year 1, Semester 1**  
  - PUN001 Contemporary Risk Management  
  - PUN301 Health, Safety and Environmental Law and Management  
- **Year 1, Semester 2**  
  - MEP201 Safety Technology and Practice  
  - PUP415 Occupational and Environmental Health  
- **Year 2, Semester 1**  
  - PUN008 Risk Assessment
The following majors are offered in this course:

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

**Aged Care**

**Full-time Structure**

**Semester 1**
- NSN821 Key Issues in Aged Care
- NSN801 Health Assessment in Aged Care
- NSN507 Contemporary Practice Issues
  - Select one of:
    - HLN405 Qualitative Research
    - HLN705 Introduction to Quantitative Research Methods
    - HLN706 Advanced Quantitative Research Methods

**Semester 2**
- NSN822 Principles of Aged Care Practice
- NSN523 Clinical Studies
- NSN515 Clinical Leadership and Management
  - Elective List B
  - OR
  - Any other 12 credit point postgraduate unit for which the student has the necessary prerequisites

**Part-time Structure**

**Semester 1**
- NSN821 Key Issues in Aged Care
- NSN801 Health Assessment in Aged Care

**Semester 2**
- NSN822 Principles of Aged Care Practice
- NSN523 Clinical Studies

**Semester 3**
- NSN507 Contemporary Practice Issues
  - Select one of:
    - HLN405 Qualitative Research
    - HLN705 Introduction to Quantitative Research Methods
    - HLN706 Advanced Quantitative Research Methods

**Semester 4**
- NSN515 Clinical Leadership and Management
  - Elective (List B)
  - OR
  - Any other 12 credit point postgraduate unit for which the student has the necessary prerequisites

**Community Practice**

**Full-time Course Structure**

**Semester 1**
- NSN507 Contemporary Practice Issues
- NSN701 Advanced Health Assessment
  - OR
- NSN801 Health Assessment in Aged Care
- PUN106 Population Health
- PUN602 Health Planning, Management and Evaluation
- PUP036 Concepts and Settings for Health Promotion

**Semester 2**
- NSN507 Contemporary Practice Issues
  - Select one of:
    - HLN405 Qualitative Research
    - HLN705 Introduction to Quantitative Research Methods
    - HLN706 Advanced Quantitative Research Methods

**Semester 3**
- NSN515 Clinical Leadership and Management
  - Elective List B
  - OR
  - Any other 12 credit point postgraduate unit for which the student has the necessary prerequisites

**Part-time Course Structure**

**Semester 1**
- NSN507 Contemporary Practice Issues
- NSN701 Advanced Health Assessment
  - OR
- NSN801 Health Assessment in Aged Care
- PUN106 Population Health
- PUN602 Health Planning, Management and Evaluation
- PUP036 Concepts and Settings for Health Promotion

**Semester 2**
- NSN507 Contemporary Practice Issues
  - Select one of:
    - HLN405 Qualitative Research
    - HLN705 Introduction to Quantitative Research Methods
    - HLN706 Advanced Quantitative Research Methods

**Semester 3**
- NSN515 Clinical Leadership and Management
  - Elective List B
  - OR
  - Any other 12 credit point postgraduate unit for which the student has the necessary prerequisites

**Semester 4**
- NSN515 Clinical Leadership and Management
  - Elective List B
  - OR
  - Any other 12 credit point postgraduate unit for which the student has the necessary prerequisites

**Elective list**

- HLN405 Qualitative Research
- NSN506 Specialisation in Paediatric, Child and Youth Health Nursing
- NSN502 Critical Inquiry in Health Care
- NSN508 Advanced Readings in Nursing
- NSN515 Clinical Leadership and Management
- NSN624 Collaborative Practice in the Community

Students studying NSN509 must be working in a practice setting relevant to the areas of study, or be willing to undertake additional clinical experience to be able to undertake this unit.
Elective Lists
See Master of Nursing (NS85) for details.

Graduate Diploma in Psychology (PY08)
Award title: Graduate Diploma in Psychology
CRICOS code: 036434K
Location: Carseldine
Course duration (full-time): 2 semesters
Course duration (part-time): 4 semesters (may not be available by evening study)
Total credit points: 96
Course coordinator: Dr Julie Hansen

Graduate Diploma in Public Health (PU60)
Award title: Graduate Diploma in Public Health (Study Area A)
CRICOS code: 020306E
Location: Kelvin Grove
Course duration (full-time): 2 semesters
Course duration (part-time): 4 semesters
Course duration (external): 2 semesters (full-time) or 4 semesters (part-time)
Total credit points: 96
Overview
The Graduate Diploma in Public Health and Master of Public Health Programs are offered and taught conjointly by a consortium of three universities (QUT, Griffith University, and The University of Queensland). Students enrol through one of these universities and are required to complete four compulsory core units and four elective units selected from a specialised stream.

Specialised Stream Units
Offered in the areas of:
- Health Services Management and Policy Sciences
- Occupational and Environmental Health Science
- Health Promotion
- Epidemiology and Research Methods

Course Structure
Full-time students in the program undertake a coursework component for two semesters (or four semesters part-time - two units per semester). The coursework comprises four core units and four advanced elective units. Elective units will normally be selected according to choice of a stream of study.

Course Pathways/Articulation
This course fully articulates into PU85 Master of Public Health

Course Structure

Part A - Core Units
- PUN105 Health Statistics
- PUN692 Health Care Delivery Systems
- PUN702 Social and Behavioural Determinants of Health
- PUN743 Introduction to Epidemiology

Part B - Advanced elective units offered by QUT
- PUN601 Contemporary Health Policies
- PUN602 Health Planning, Management and Evaluation
- PUN608 Health Economics
- PUN609 Health Care Finance
- PUN610 Health Services Management
- PUN615 Advanced Health Service Management

Occupational and Environmental Health Science
- EFN418 Introduction to Financial Risk Management
- MEP201 Safety Technology and Practice
- PUN001 Contemporary Risk Management
- PUN008 Risk Assessment
- PUN100 Implementing Risk Management
- PUN301 Health, Safety and Environmental Law and Management
- PUN302 Determinants of Workplace Injury and Disease
- PUN617 Environmental Health Management
- PUN620 Concepts of Environmental Health
- PUP116 Ergonomics
- PUP250 Occupational and Environmental Monitoring
- PUP415 Occupational and Environmental Health

Health Promotion
To qualify for the Health Promotion major, students must complete:
- PUP032 Intervention Design and Theories of Change
- PUP034 Advanced Studies and Practice in Health Promotion
- PUP036 Concepts and Settings for Health Promotion
- PUP644 Health Promoting Schools
- PUP535 Health Promotion Strategies and Evaluation

Epidemiology and Research Methods
- HLN405 Qualitative Research
- HLN705 Introduction to Quantitative Research Methods
- HLN706 Advanced Quantitative Research Methods
- PUN103 Advanced Epidemiology
- PUN814 Principles of Epidemiology (UQ)
- PUN850 Epidemiology and Disease Control (UQ)

Graduate Diploma in Road Safety (PY41)

Award title: Graduate Diploma in Road Safety
CRICOS code: 040335A
Location: Gardens Point and Carseldine
Course duration (full-time): 2 semesters
Course duration (part-time): 4 semesters
Total credit points: 96
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Mr Barry Watson

Course Structure
The Graduate Diploma in Road Safety course consists of two core units plus six electives. The units are modularised for delivery on a semester basis, or in a series of weekends, or as an intensive week-long offering.

Part-time Course structure

Year 1, Semester 1
- PYP401 Introduction to Road Safety
- PYP402 Traffic Psychology and Behaviour
- CEP127 Road and Traffic Engineering

Year 1, Semester 2
- PYP404 Applying Traffic Psychology
  Any approved elective or a unit offered in Summer Program

Year 2, Semester 1
- CEP151 Road Safety Audit - Principles and Practice
  Consideration will be given to offering core or elective units in block mode, as demand warrants

Year 2, Semester 2
- PYP406 Road Safety Theory to Practice
  And one of the following units or a unit offered in Summer Program

Notes
- CEP151 Road Safety Audit - Principles and Practice is conducted jointly by QUT and Main Roads and may be offered at other times of the year, subject to demand.
- PYP501, 502, 504 and 506 are all flexible delivery versions of the subject to demand.

Bachelor of Psychology (Honours) (PY09)

Award title: Bachelor of Psychology (Honours)
CRICOS code: 034711K
Location: Carseldine
Course duration (full-time): 2 Semesters
Course duration (part-time): 4 Semesters (may not be available by evening study)
Total credit points: 96
Course coordinator: Dr Renata Meuter

Internal Applicants
For applicants with a QUT Bachelor’s award, the base level requirements for consideration for inclusion in the Honours program will be:
- a minimum Grade Point Average of 5 in the overall undergraduate degree program
- a minimum overall Grade Point Average of 5 in prescribed second and third year Psychology subjects or their equivalent, specifically:
External Applicants
For applicants with Bachelor’s awards other than from QUT, similar requirements will be expected. They will also be required to provide certified copies of complete academic transcripts and evidence of their eligibility to undertake an Honours program at their home institution.

Both internal and external applicants who reach the minimum criteria as outlined above may be required to undertake a further selection process.

Full-time Course Structure
Year 1, Semester 1
PYB400 Thesis (Part 1)
PYB401 Advanced Research Methods
Two Elective Units

Year 1, Semester 2
PYB400 Thesis (Part 2)
PYB400 Thesis (Part 3)
PYB400 Thesis (Part 4)
PYB407 Research and Professional Development Seminar

Part-time Course Structure
Year 1, Semester 1
PYB401 Advanced Research Methods
One Elective Unit

Year 1, Semester 2
PYB400 Thesis (Part 1)
PYB407 Research and Professional Development Seminar

Year 2 Semester 1
PYB400 Thesis (Part 2)
One Elective Unit

Year 2, Semester 2
PYB400 Thesis (Part 3)
PYB400 Thesis (Part 4)

Elective Units
PYB402 Counselling Psychology
PYB403 Cognitive Neuropsychology
PYB404 Issues in Social Development Psychology
PYB405 Advanced Organisational Psychology

Graduate Certificate in Cancer Nursing (NS31)
Award title: Graduate Certificate in Cancer Nursing
Location: Kelvin Grove
Course duration (part-time): 2 semesters
Course duration (external): 2 semesters
Total credit points: 48
Standard credit points per semester (part-time): 24
Course coordinator: Debra Anderson
Discipline coordinator: Patsy Yates
Course Pathways/Articulation
The Graduate Certificate in Cancer Nursing has full articulation with NS64 Graduate Diploma of Nursing or NS85 Master of Nursing.

Part-time Course structure
Year 1, Semester 1
NSN701 Advanced Health Assessment
NSN724 Advanced Nursing Practice
Year 1, Semester 2
NSN726 Advanced Clinical Practice
NSN723 Specialisation in Critical Care Nursing
or NSN725 Specialisation in Medical/Surgical And Cancer Nursing

Graduate Certificate in Clinical Hypnosis Practice (PY32)
Award title: Graduate Certificate in Clinical Hypnosis Practice
Location: Carseldine
Course duration (part-time): 2 semesters
Total credit points: 48
Course coordinator: Dr Kathryn Gow
Course structure
In the Graduate Certificate in Clinical Hypnosis Practice (PY30), you complete Year 1, semesters 1 and 2, to qualify. In the Graduate Diploma in Clinical Hypnosis (PY32) you complete the whole program.

Course structure
Year 1, Semester 1
PYP300 Clinical Hypnosis: Foundations In Theory And Practice
PYP309 Hypnosis: Processes, Techniques and Applications
Year 1, Semester 2
PYP307 Clinical Case Supervision (Group and Individual) Elective *
*Any 12 credit point unit offered by the Faculty of Health subject to approval by the course coordinator

Graduate Certificate in Community Practice (NS34)
Award title: Graduate Certificate in Community Practice
Location: Kelvin Grove
Course duration (part-time): 2 semesters
Course duration (external): 2 semesters
Total credit points: 48
Standard credit points per semester (part-time): 24
Course coordinator: Dr Debra Anderson
Course Pathways/Articulation
The Graduate Certificate in Community Practice has full articulation with NS64 Graduate Diploma in Nursing and NS85 Master of Nursing programs.

Part-time Course structure

Year 1, Semester 1
NSN701 Advanced Health Assessment
or
NSN801 Health Assessment in Aged Care
Select one of:
PUN106 Population Health
PUN602 Health Planning, Management and Evaluation
PUP036 Concepts and Settings for Health Promotion

Year 1, Semester 2
NSN726 Advanced Clinical Practice
Elective (List B)

Elections (List B)
HLN405 Qualitative Research
NSN508 Advanced Readings in Nursing
NSN509 Special Topic
NSN626 Dementia and Family Care
NSN516 Sexual Reproductive Health

Graduate Certificate in Emergency Nursing (NS41)

Award title: Graduate Certificate in Emergency Nursing
Location: Kelvin Grove
Course duration (part-time): 2 semesters
Course duration (external): 2 semesters
Total credit points: 48
Standard credit points per semester (part-time): 12
Course coordinator: Dr Debra Anderson

Articulation
All units successfully completed may be credited towards NS64 Graduate Diploma of Nursing or NS85 Master of Nursing.

Course Design
The Graduate Certificate comprises 48 credit points made up of 24 credit points advanced standing from accredited programs, plus 24 credit points from units offered by the School of Nursing.

Part-time Course Structure

Year 1, Semester 1
NSN721 Key Issues in Emergency and Intensive Care Nursing
Year 1, Semester 2
NSN723 Specialisation in Critical Care Nursing

Graduate Certificate in Environmental Health (PU32)

Award title: Graduate Certificate in Environmental Health
Location: Kelvin Grove
Course duration (part-time): 2 semesters
Total credit points: 48
Standard credit points per semester (part-time): 24
Course coordinator: Dr Elizabeth Parker

Part-time Course structure

Semester 1
PUN001 Contemporary Risk Management
PUN620 Concepts of Environmental Health
Semester 2
PUN617 Environmental Health Management
PUP415 Occupational and Environmental Health

Graduate Certificate in Health Promotion (PU39)

Award title: Graduate Certificate in Health Promotion
Location: Kelvin Grove
Course duration (part-time): 2 semesters
Course duration (external): 2 semesters
Total credit points: 48
Standard credit points per semester (part-time): 24
Course coordinator: Dr Elizabeth Parker

Part-time Course structure

Year 1, Semester 1
PUP032 Intervention Design and Theories of Change
PUP036 Concepts and Settings for Health Promotion

Year 1, Semester 2
PUP034 Advanced Studies and Practice in Health Promotion
AND
PUB644 Health Promoting Schools

Graduate Certificate in Health Science (HL38)

Award title: Graduate Certificate in Health Science
CRICOS code: 027285D
Location: Kelvin Grove
Course duration (full-time): 1 semester
Course duration (part-time): 2 semesters
Course duration (external): 1 semester full-time or 2 semesters part-time
Total credit points: 48
Standard credit points per semester (part-time): 24
Course coordinator: Dr Elizabeth Parker

Course Structure
Students are required to complete any four units (totalising 48 credit points) from List A. No more than two (24 credit points) senior undergraduate units can be included in the total.

Course Pathways/Articulation
This course articulates fully into HL68 Graduate Diploma in Health Science and HL88 Master of Health Science

Special Note
Completion of units in Occupational Health & Safety or Environmental Health does not qualify graduands to practice in these areas.

Part-time Course structure

Year 1, Semester 1
Select two units from List A
Year 1, Semester 2
Select two units from List A

Unit List
See Master of Health Science (HL88) for details.

Graduate Certificate in Health Services Management (PU38)

Award title: Graduate Certificate in Health Services Management
Location: Kelvin Grove
Course duration (part-time): 2 semesters
Total credit points: 48
Standard credit points per semester (part-time): 24
Course coordinator: Dr Elizabeth Parker

Part-time Course structure

Year 1, Semester 1
PUN092 Health Care Delivery Systems
AND
PUB511 Health Policy, Planning and Evaluation
OR
PUB514 Contract/Project Management
Year 1, Semester 2
PUN610 Health Services Management
AND
PUN601 Contemporary Health Policies
OR
PUN608 Health Economics
Part-time Course Structure

Graduate Certificate in Intensive Care Nursing (NS30)
Award title: Graduate Certificate in Intensive Care Nursing
Location: Kelvin Grove
Course duration (part-time): 2 semesters
Course duration (external): 2 semesters
Total credit points: 48
Standard credit points per semester (part-time): 24
Course coordinator: Dr Debra Anderson

Articulation
The Graduate Certificate in Intensive Care Nursing has full articulation with NS64 Graduate Diploma in Nursing and NS85 Master of Nursing programs.

Part-time Course Structure
Year 1, Semester 1
NSN701 Advanced Health Assessment
NSN721 Key Issues in Emergency and Intensive Care Nursing
NSN722 Principles of Intensive Care Nursing
NSN723 Specialisation in Critical Care Nursing
or
NSN725 Specialisation in Medical/Surgical and Cancer Nursing

Graduate Certificate in Medical/Surgical Nursing (NS33)
Award title: Graduate Certificate in Medical/Surgical Nursing
Location: Kelvin Grove
Course duration (part-time): 2 semesters
Course duration (external): 2 semesters
Total credit points: 48
Standard credit points per semester (part-time): 24
Course coordinator: Dr Debra Anderson

Course Pathways/Articulation
The Graduate Certificate in Medical/Surgical Nursing has full articulation with NS64 Graduate Diploma in Nursing and NS85 Master of Nursing programs.

The course can be undertaken by internal or external mode. Mid-year entry is available.

Part-time Course Structure
Year 1, Semester 1
NSN701 Advanced Health Assessment
NSN724 Advanced Nursing Practice
Year 1, Semester 2
NSN726 Advanced Clinical Practice
NSN723 Specialisation in Critical Care Nursing
or
NSN725 Specialisation in Medical/Surgical And Cancer Nursing

Graduate Certificate in Paediatric, Child and Youth Health Nursing (NS35)
Award title: Graduate Certificate in Paediatric, Child and Youth Health Nursing
Location: Kelvin Grove
Course duration (part-time): 2 semesters
Course duration (external): 2 semesters
Total credit points: 48
Standard credit points per semester (part-time): 24
Course coordinator: Dr Debra Anderson

Course Requirements
The course can be undertaken by internal or external mode.

Part-time Course structure
Year 1, Semester 1
NSN002 Key Issues in Child and Youth Health Nursing

Graduate Certificate in Public Health (PU30)
Award title: Graduate Certificate in Public Health
CRICOS code: 048295F
Location: Kelvin Grove
Course duration (full-time): 1 semester
Course duration (external): 1 semester
Total credit points: 48
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Dr Elizabeth Parker

Course Structure
The course consists of 4 core units (48 credit points) from the Master of Public Health (PU85)/Graduate Diploma in Public Health(PU60). The program is taught by a consortium of universities with each of QUT, Griffith University and University of Queensland offering one of the core units. The fourth unit is a statistics unit offered by QUT.

Course Pathways/Articulation
This course fully articulates into PU60 Graduate Diploma in Public Health and PU85 Master of Public Health.

Course structure
Semester 1
PUN692 Health Care Delivery Systems
PUN702 Social and Behavioural Determinants of Health
PUN743 Introduction to Epidemiology
PUN105 Health Statistics

Graduate Certificate in Road Safety (PY40)
Award title: Graduate Certificate in Road Safety
CRICOS code: 040334B
Location: Gardens Point and Carseldine
Course duration (full-time): 1 semester
Course duration (part-time): 2 semesters
Total credit points: 48
Standard credit points per semester (part-time): 24
Course coordinator: Mr Barry Watson

Course Structure
The Graduate Certificate in Road Safety consists of two core units plus two electives. The units are modularised for delivery on a semester basis, or as an intensive week-long offering. The program has been enhanced with the introduction of distance education delivery for select units.

Distance Education Units
Four units have been approved for delivery in distance education mode. These units are being introduced progressively. PYP501 Introduction to Road Safety is already available and the following will be offered from 2004:
From semester 1, 2004
- PYP502 Traffic Psychology and Road Safety
- PYP504 Applying Traffic Psychology
From semester 2, 2004
- PYP506 Road Safety Theory to Practice

Course structure
Year 1, Semester 1
PYP401 Introduction to Road Safety
and one of the following units:
PYP402 Traffic Psychology and Behaviour
CEP127 Road and Traffic Engineering
Part-time Course structure

The above units can be replaced with one or two units offered in Summer Program

Year 1, Summer Program

PYP405 Road Safety Evaluation Models
CEP151 Road Safety Audit - Principles and Practice

* CEP151 is conducted jointly by QUT and Main Roads and may be offered at other times of the year, subject to demand.

Graduate Certificate in Rugby Studies (HM34)

Award title: Graduate Certificate in Rugby Studies
CRICOS code: Not required
Location: Kelvin Grove
Course duration (external): 2 semesters
Total credit points: 48
Standard credit points per semester (part-time): 24
Course coordinator: Dr Debra Anderson

Course Structure

The Graduate Certificate in Rugby Studies consists of 48 credit points from the School of Human Movement Studies. From 2004 the course will be offered in part-time external mode only.

Part-time Course structure

Semester 1
HMP390 Rugby Coaching - Principles and Skills
HMP385 Sport Practicum (Rugby)

Semester 2
HMP389 Assessment In Sport (Rugby)
HMP383 Sport Studies Project (Rugby)

Graduate Certificate in Women’s Health (NS36)

Award title: Graduate Certificate in Women’s Health
Location: Kelvin Grove
Course duration (part-time): 2 semesters
Course duration (external): 2 semesters
Total credit points: 48
Standard credit points per semester (part-time): 24
Course coordinator: Dr Debra Anderson

Course Pathways/Articulation

The Graduate Certificate in Women’s Health has full articulation with NS64 Graduate Diploma in Nursing and NS85 Master of Nursing, and HL68 Graduate Diploma in Health Science and HL88 Master of Health Science. The Graduate Certificate in Women’s Health can be undertaken by internal or external mode. Mid-year entry is available.

Part-time Course structure

Year 1, Semester 1
NSN517 Women’s Health Issues
Elective Unit or any other 12 credit point postgraduate unit offered by the Faculty of Health for which the student has the necessary pre-requisites

Year 1, Semester 2
NSN509 Special Topic
NSN516 Sexual Reproductive Health

Elective List

HLN405 Qualitative Research
HLN705 Introduction to Quantitative Research Methods
NSN002 Key Issues in Child and Youth Health Nursing
NSN508 Advanced Readings in Nursing
NSN626 Dementia and Family Care
NSN701 Advanced Health Assessment
NSN801 Health Assessment in Aged Care
NSN821 Key Issues in Aged Care

* Students studying NSN002 Key Issues in Acute and Critical Care Nursing must be working at 0.6 FTE in a Critical Care, Medical/Surgical or Cancer Care Setting, or be required to undertake additional clinical experiences to meet the requirements of the unit.

Bachelor of Applied Science (Honours) (HL52)

Award title: Bachelor of Applied Science (Honours)
CRICOS code: 043118G
Location: Kelvin Grove
Course duration (full-time): 2 semesters
Course duration (part-time): 4 semesters
Total credit points: 96
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Assoc Prof Jan Lovie-Kitchin

Full-time Course structure

Year 1, Semester 1
HLP101 Advanced Discipline Readings
HLP103 Dissertation

Select one of the following units:

HLN405 Qualitative Research
HLN706 Advanced Quantitative Research Methods
PUN105 Health Statistics

AND

one elective unit

Year 1, Semester 2
HLP102 Research Seminars
HLP103 Dissertation
HLP103 Dissertation
HLP103 Dissertation

Electives

Students undertake a 12 credit point elective. This may be selected from any honours or postgraduate program offered by the University, subject to prerequisite requirements and with the approval of the students supervisor and the course coordinator. Normally the elective unit is chosen from within the student’s discipline area or from an area that complements or is germane to the students study program. For further information on available units contact the relevant school honours coordinator. Students may also select either HLN405 Qualitative Research or HLN706 Advanced Quantitative Research Methods or MAN009 Experimental Design and Statistical Analysis for Research as an elective.

Dissertation

The Dissertation is one unit valued at 48 credit points and represents 50 per cent of the Honours course. Work on the dissertation commences during semester 1 (full-time mode) or semester 2 (part-time mode) and is completed over the course of the program. Preparation and presentation of the Dissertation is completed under the guidance of a supervisor.

Part-time Course structure

Year 1, Semester 1
Select one of the following units:

HLN706 Advanced Quantitative Research Methods
HLN405 Qualitative Research

PUN105 Health Statistics

AND

one elective unit

Year 1, Semester 2
HLP101 Advanced Discipline Readings
HLP103 Dissertation
HLP103 Dissertation

Year 2, Semester 1
HLP103 Dissertation
HLP103 Dissertation

Year 2, Semester 2
HLP102 Research Seminars
HLP103 Dissertation

Bachelor of Health Science (Honours) (HL55)

Award title: Bachelor of Health Science (Honours)
CRICOS code: 027284E
Location: Kelvin Grove
Course duration (full-time): 1 year
Course duration (part-time): 2 years
Total credit points: 96
Standard credit points per semester (full-time): 48

Bachelor of Health Science (Honours)
Full-time Course structure

Year 1, Semester 1
HLP101 Advanced Discipline Readings
HLP103 Dissertation
Select one of the following units:
HLN405 Qualitative Research
HLN706 Advanced Quantitative Research Methods
PUN105 Health Statistics
AND
one elective unit

Year 1, Semester 2
HLP102 Research Seminars
HLP103 Dissertation
HLP103 Dissertation
Electives
Students undertake a 12 credit point elective. This may be selected from any honours or postgraduate program offered by the University, subject to prerequisite requirements and with the approval of the students supervisor and the course coordinator. Normally the elective unit is chosen from within the student’s discipline area or from an area that complements or is germane to the students study program. For further information on available units contact the relevant school honours coordinator. Students may also select either HLN405 Qualitative Research or HLN706 Advanced Quantitative Research Methods or MAN009 Experimental Design and Statistical Analysis for Research as an elective.

Dissertation
The Dissertation is one unit valued at 48 credit points and represents 50 per cent of the Honours course. Work on the dissertation commences during semester 1 (full-time mode) or semester 2 (part-time mode) and is completed over the course of the program. Preparation and presentation of the Dissertation is completed under the guidance of a supervisor.

Part-time Course structure

Year 1, Semester 1
Select one of the following units:
HLN706 Advanced Quantitative Research Methods
HLN405 Qualitative Research
PUN105 Health Statistics
AND
one elective unit

Year 1, Semester 2
HLP101 Advanced Discipline Readings
HLP103 Dissertation
Year 2, Semester 1
HLP103 Dissertation
HLP103 Dissertation
Year 2, Semester 2
HLP102 Research Seminars
HLP103 Dissertation

Bachelor of Nursing (Honours) (HL50)
Award title: Bachelor of Nursing (Honours)
CRICOS code: 016355G
Location: Kelvin Grove
Course duration (full-time): 1 year
Course duration (part-time): 2 years
Total credit points: 96
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Assoc Prof Jan Lovie-Kitchin

Full-time Course structure

Year 1, Semester 1
HLP101 Advanced Discipline Readings
HLP103 Dissertation
Select one of the following units:
HLN405 Qualitative Research
HLN706 Advanced Quantitative Research Methods
PUN105 Health Statistics
AND
one elective unit

Year 1, Semester 2
HLP102 Research Seminars

Bachelor of Applied Science (Exercise and Sports Nutrition) (HM45)
CRICOS code: 047456B
Location: Kelvin Grove
Course duration (full-time): 3 Years
Total credit points: 288
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Dr Graham Costin

Course structure

Year 1, Semester 1
HMB171 Fitness Health and Wellness
HMB313 Socio-Cultural Foundations of Physical Activity
LSB131 Anatomy
PUB474 Food Studies

Year 1, Semester 2
LSB231 Physiology
PCB142 Chemistry 1
PUB201 Food and Nutrition
PYB012 Psychology

Year 2, Semester 1
HMB271 Foundations Of Motor Control, Learning And Development
HMB277 Exercise and Sport Nutrition
HMB274 Functional Anatomy
PUB341 Nutrition Education

Year 2, Semester 2
HMB272 Biomechanics
HMB275 Exercise and Sport Psychology
HMB273 Exercise Physiology 1
PCB242 Chemistry 2

Year 3, Semester 1
HMB382 Principles of Exercise Prescription
HMB471 Project 1
LSB308 Biochemistry
PUB509 Nutrition

Year 3, Semester 2
HMB470 Practicum 1
Special Course Requirements

Division B. Candidates for the degree with Honours must fulfil Second Class Honours Division A; and Second Class Honours. The degree may be awarded with Honours: First Class Honours, Second Class Honours, or Elective (HM minor, discipline minor or general) from any approved discipline within QUT. It should consist of at least two units from level two and three.

Two minors must be completed. One minor (48 credit points) consisting of four units from level three Human Movement Electives. The second minor (48 credit points) may be undertaken from any approved discipline within QUT. It should consist of at least two units from level two and three.

As a professional degree, the program has a number of compulsory practicum experiences throughout the first two years in preparation for the third year practicum and substantive practicum period in Year 4.

Two minors must be completed. One minor (48 credit points) consisting of four units from level three Human Movement Electives. The second minor (48 credit points) may be undertaken from any approved discipline within QUT. It should consist of at least two units from level two and three.

The degree may be awarded with Honours: First Class Honours; Second Class Honours Division A; and Second Class Honours Division B. Candidates for the degree with Honours must fulfil the requirements for the pass degree and achieve such a standard of proficiency in all the units of the course as may from time to time be determined by the Health Academic Board and approved by the University Academic Board.

Full-time Course structure

**Year 1, Semester 1**
- HMB171 Fitness Health and Wellness
- HMB313 Socio-Cultural Foundations of Physical Activity
- PYB012 Psychology

**Year 1, Semester 2**
- LSB231 Physiology
- HMB272 Biomechanics
- HMB275 Exercise and Sport Psychology
- HMB172 Nutrition and Physical Activity

**Year 2, Semester 1**
- HMB271 Foundations Of Motor Control, Learning And Development
- HMB274 Functional Anatomy
- Elective (HM minor, discipline minor or general)
- Elective (HM minor, discipline minor or general)

**Year 2, Semester 2**
- HMB276 Research in Human Movement
- PYB007 Interpersonal Processes and Skills
- HMB273 Exercise Physiology 1
- Elective (HM minor, discipline minor or general)

**Year 3, Semester 1**
- HMB379 Disorders of Human Movement
- HMB382 Principles of Exercise Prescription
- Elective (HM minor, discipline minor or general)
- Elective (HM minor, discipline minor or general)

**Year 3, Semester 2**
- HMB470 Practicum 1
  - or Elective (HM minor, discipline minor or general)
  - Elective (HM minor, discipline minor or general)
  - Elective (HM minor, discipline minor or general)

**Year 4, Semester 1**
- HMB471 Project 1
- HMB470 Practicum 1
  - or Elective (HM minor, discipline minor or general)
  - Elective (HM minor, discipline minor or general)
  - Elective (HM minor, discipline minor or general)

**Year 4, Semester 2**
- HMB472 Project 2
- HMB475 Practicum 2

Third Level Units

All third level units are not available in every semester. Students should consult School noticeboards for availability.

**Note:**
- 1 HMB379 is compulsory for students who first enrolled in HM42 in 1998 or later.
- 2 Students who have successfully completed 288 credit points and have met the general requirements for a three year degree, may graduate with a Bachelor of Applied Science after seeking approval through the School of Human Movement Studies Student Affairs Officer on (07) 3864 5846.

**Bachelor of Applied Science (Optometry) (OP42)**

**Award title:** Bachelor of Applied Science (Optometry)

**CRICOS code:** 00903J

**Location:** Kelvin Grove

**Course duration (full-time):** 4 Years

**Total credit points:** 384

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Assoc Prof Peter Swann

**Professional Membership**

In each State and Territory of Australia, the practice of optometry is regulated by Boards of Optometrical Registration which are statutory bodies set up under the Acts of the respective State Parliaments. Under these Acts, the practice of optometry is restricted to persons whose names appear on the Register. On completion of the degree at QUT, the graduate will have satisfied the requirements of the Optometrists’ Board of Queensland and may apply for registration to practise as an optometrist in Queensland and all States and Territories of Australia.

**Special Course Requirements**

The degree may be awarded with Honours, First Class Honours, Second Class Honours Division A and Second Class Honours Division B. Candidates for the degree with Honours must fulfil the requirements for the pass degree and achieve such standard of proficiency in all the units of the course as may from time to time be determined by the Health Academic Board.

Ophthalmic instruments are required by students for the clinical program from the beginning of the second and third years of the course. Academic staff provide advice regarding the purchase of these instruments. Costs are estimated to be $5000. Students are...
also required to undertake first aid certification before entering the clinical program.

### Course structure

**Year 1, Semester 1**
- LSB119 Life Science for Optometrists
- LSB152 Anatomy
- MAB140 Quantitative Methods for Optometry and Health Science
- PCB141 Chemistry for Clinical Health Professionals

**Year 1, Semester 2**
- LSB275 Biomolecular Science
- LSB250 Human Physiology
- OPB250 Optometry 2
- PCB240 Optics 1

**Year 2, Semester 1**
- OPB350 Optometry 3
- PCB340 Optics 3
- OPB351 Visual Science 3
- OPB352 Ocular Anatomy and Physiology 3

**Year 2, Semester 2**
- OPB450 Optometry 4
- LSB492 Microbiology
- PCB340 Optics 4

**Year 3, Semester 1**
- OPB550 Diseases of the Eye 5
- OPB552 Advanced Optometry 5
- OPB553 Clinical Practice 5

**Year 3, Semester 2**
- OPB650 Diseases of the Eye 6
- OPB651 Contact Lens Studies
- OPB652 Pharmacology
- OPB653 Clinical Practice 6

**Year 4, Semester 1**
- PYB302 Industrial and Organisational Psychology
- PYB303 Cognitive Psychology
- PYB304 Physiological Psychology

**Year 4, Semester 2**
- PYB306 Psychopathology
- PYB311 Psychological Assessment

### Bachelor of Behavioural Science (Psychology) (PY45)

**Award title:** Bachelor of Behavioural Science (Psychology)

**CRICOS code:** 034136C

**Location:** Carseldine

**Course duration (full-time):** 3 years

**Course duration (part-time):** 6 years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

### Professional Membership

The Bachelor of Behavioural Science (Psychology) provides students with a degree accredited by the Australian Psychological Society.

### Full-time Course structure

**Semester 1**
- PYB000 Scholarship and Skills (Psychology)
- PYB101 Introduction to Psychology 1a
- PYB007 Interpersonal Processes and Skills

**Semester 2**
- PYB110 Psychological Research Methods
- PYB102 Introduction to Psychology 1b
- PYB208 Counselling Theory and Practice 1
- PYB158 Introduction to Substance Abuse in Australia or Elective

**Semester 3**
- PYB205 Social Psychology
- PYB206 Personality
- PYB210 Research Design and Data Analysis

**Semester 4**
- PYB201 Perception
- PYB203 Developmental Psychology

**Semester 5**
- PYB302 Industrial and Organisational Psychology
- PYB303 Cognitive Psychology
- PYB304 Physiological Psychology

**Semester 6**
- PYB306 Psychopathology
- PYB311 Psychological Assessment

**Notes**

*PYB350 is compulsory if you wish to continue into the Bachelor of Psychology Honours program, otherwise another elective can be taken.

### Part-time Course structure

**Semester 1**
- PYB101 Introduction to Psychology 1a
- PYB000 Scholarship and Skills (Psychology)

**Semester 2**
- PYB102 Introduction to Psychology 1b
- PYB110 Psychological Research Methods

**Semester 3**
- PYB007 Interpersonal Processes and Skills
- PYB208 Counselling Theory and Practice 1

**Semester 4**
- PYB201 Perception

**Semester 5**
- PYB205 Social Psychology
- PYB210 Research Design and Data Analysis

**Semester 6**
- PYB203 Developmental Psychology

**Semester 7**
- PYB206 Personality

**Semester 8**
- Elective

**Semester 9**
- PYB302 Industrial and Organisational Psychology
- PYB303 Cognitive Psychology

**Semester 10**
- PYB306 Psychopathology
- PYB311 Psychological Assessment

**Semester 11**
- PYB304 Physiological Psychology

**Semester 12**
- Elective

**Notes**

*PYB350 is compulsory if you wish to continue into the Bachelor of Psychology (Honours) program. Otherwise another elective can be taken.

### List A: Social Science Foundation Units

In your first year of study (or first two years of study for part-time students), you are required to study one compulsory Social Science Foundation Unit from the list below, and one other elective unit. The Social Science Foundation unit can be completed in either 1st or 2nd semester, depending on your choice of unit and its availability. You should enrol in an elective unit in the other semester.

- HHB103 Contemporary Social And Community Issues
- HHB104 Understanding Society: Intro. To Sociology
- HHB105 Exploring Change
- HHB110 Introduction To International And Global Studies
- HHB114 Introduction To Human Rights And Ethics
- HHB115 Human Identity And Change
- HHB210 Indigenous Australia: Country, Kin And Culture
Psychology Electives
The following electives are offered in the Psychology program to enable diversity of choice at undergraduate and early postgraduate level and to allow innovative approaches to current and perceived community needs. However, such electives will be offered subject to staff availability and sufficient student enrolment to justify running the unit.
PYB054 Psychology and Gender
PYB067 Human Sexuality
PYB158 Introduction to Substance Abuse in Australia
PYB159 Alcohol and Other Drug Studies
PYB215 Forensic Psychology and The Law
PYB257 Group Work
PYB258 Introduction to Theory and Research in Hypnosis
PYB260 Psychopharmacology of Addictive Behaviour
PYB305 Applied Social Psychology
PYB307 Health Psychology
PYB353 Occupational and Vocational Psychology
PYB356 Counselling Theory and Practice 2
PYB358 Advanced Developmental Psychology
PYB359 Introduction to Family Therapy
PYB360 Interventions for Addictive Behaviours
PYB371 Introduction to Road Safety
PYB372 Traffic Psychology and Behaviour
PYB374 Applying Traffic Psychology
PYB375 Advanced Statistical Analysis (essential for intending Honours students)
The Course Coordinator may approve other electives. Students may wish to develop a major or minor sequence in any other School of the University, particularly within courses that have relevance to Psychology.

Bachelor of Health Science (Environmental Health) - Graduate Entry (PU40)
Award title: Bachelor of Health Science (Environmental Health) - Graduate Entry (PU40)
CRICOS code: 022142D
Location: Kelvin Grove
Course duration (full-time): 3 Years
Total credit points: 288
Standard credit points per semester (full-time): 48
Course coordinator: Mrs Melinda Service

Other Majors
See also the separate entries for the following majors in this course: Health Information Management or Health Services Management; Nutrition; or Public Health.

Professional Membership
Graduates of Bachelor of Health Science (Environmental Health) are eligible for membership of the Australian Institute of Health Service Executives.

Full-time Course Structure
Year 1, Semester 1
LSB142 Human Anatomy and Physiology
PCB140 Introductory Chemistry
PCB150 Physics 1H
PUB107 Sustainable Environments for Health

Year 1, Semester 2
PCB242 Chemistry 2
PCB263 Physics 2E
PUB112 Workplace Health and Safety
PUB251 Contemporary Public Health

Year 2, Semester 1
LSB118 Life Science
PUB308 Environmental Health Fundamentals
PUB314 Epidemiology and Statistics
PUB474 Food Studies
OR
NRB300 Environmental Monitoring

Year 2, Semester 2
LSB415 Microbiology
PUB400 Environmental Protection
PUB409 Communicable Disease: Prevention and Control
PUB406 Health Promotion Strategies
OR
To select a minor or elective from outside the recommended list below, you must seek approval from the Academic Affairs Officer.

You may only select up to four minor elective units (48 credit points) from outside of the School of Public Health.

**Accounting and Finance**
- AYB121 Financial Accounting
- AYB220 Company Accounting
- AYB225 Management Accounting
- BSB110 Accounting

**Health, Safety and Environment**
- PUB112 Workplace Health and Safety
- PUB354 Occupational Health
- PUB611 Risk Management
- PUB632 Independent Study

**Human Resource Management**
- BSB122 Business Information Analysis and Communication
- MGB211 Organisational Behaviour
- MGB220 Management Research Methods
- MGB222 Managing Organisations
- MGB309 Strategic Management
- MGB314 Organisational Consulting and Change

**Indigenous Health**
- HHH254 Indigenous Australian Culture Studies
- PUB406 Health Promotion Strategies
- PUB537 Health Needs of Indigenous Australians and Other Populations
- PUB644 Health Promoting Schools

**International Business**
- BSB119 International and Electronic Business
- IBB208 European Business Development
- IBB211 Globalisation and Business
- IBB217 Asian Business Development
- IBB300 International Business Strategy
- IBB308 Contemporary Business in Europe
- IBB317 Contemporary Business in Asia
- LWB240 Principles Of Equity

**Management**
- BSB126 Marketing
- MGB222 Managing Organisations
- MGB309 Strategic Management
- MGB334 Managing in a Changing Environment

**Marketing**
- AMB200 Consumer Behaviour
- AMB240 Marketing Planning and Management
- AMB341 Strategic Marketing
- BSB126 Marketing

**Women’s Health**
- PUB336 Women’s Health
- PUB406 Health Promotion Strategies
- PUB632 Independent Study
- PYB054 Psychology and Gender

**General Electives**
The complete list of General Electives is available on the current PU40 Course Summary Sheet.

### Bachelor of Health Science (Nutrition and Dietetics) (PU43)

**Award title:** Bachelor of Health Science (Nutrition and Dietetics)

**CRICOS code:** 022143C

**Location:** Kelvin Grove

**Course duration (full-time):** 4 Years

**Total credit points:** 384

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Mrs Melinda Service

#### Other Majors
See also the separate entry for the following major in this course: Podiatry

#### Professional Membership
Graduates are eligible for membership of the Dietitians Association of Australia, and may enrol in the APD (Accredited Practising Dietitian Program). They are also eligible for membership of the Public Health Association of Australia, the

**Full-time Course Structure**

**Year 1, Semester 1**
- PCB142 Chemistry 1
- PUB104 Introduction to Health Services Management
- PUB251 Contemporary Public Health
- PUB474 Food Studies

**Year 1, Semester 2**
- LSB255 Human Anatomy
- PCB242 Chemistry 2
- PUB201 Food and Nutrition
- PYB012 Psychology

**Year 2, Semester 1**
- LSB308 Biochemistry
- LSB358 Physiology 1
- PUB326 Epidemiology
- PUB341 Nutrition Education

**Year 2, Semester 2**
- LSB408 Metabolism
- LSB458 Physiology 2
- PUB405 Nutrition Science
- HMB273 Exercise Physiology 1 OR
- LSB658 Clinical Physiology

**Year 3, Semester 1**
- PUB506 Foodservice Management
- PUB509 Nutrition
- PUB541 Medical Nutrition Therapy 1
- PUB561 Quantitative Analysis for Health

**Year 3, Semester 2**
- PUB501 Applied Counselling for Health Professionals
- PUB628 Advanced Food Studies
- PUB641 Medical Nutrition Therapy 2
- PUB875 Professional Practice

**Year 4, Semester 1**
- PUB722 Practice in Clinical Dietetics
- PUB821 Practice in Community Nutrition
- PUB822 Practice in Food Service Management
  - Minor Elective
  - Minor Elective

**Year 4, Semester 2**
- PUB606 Dietetic Management
- PUB821 Practice in Community Nutrition
- PUB822 Practice in Food Service Management
  - Minor Elective
  - Minor Elective

**Note**

*Credentialling requirements are for four semesters of study in anatomy/physiology. Students must choose either HMB273 Exercise Physiology 1 or LSB658 Clinical Physiology as their fourth unit.

**Elective Units for the Nutrition and Dietetics Major**

Students are required to select four electives which constitute a minor (see topics below) OR four electives from the approved list below. If selecting a mix of elective units (as opposed to a pre-approved minor), students must ensure that no more than one elective is at an introductory level. Elective units are subject to prerequisite requirements, credit points, availability of the unit and approval of the Course Coordinator.

**Alcohol and Drug Studies**
- PYB158 Introduction to Substance Abuse in Australia
- PYB159 Alcohol and Other Drug Studies
- PYB257 Group Work
- PYB356 Counselling Theory and Practice 2
- PYB359 Introduction to Family Therapy
- PYB360 Interventions for Addictive Behaviours

**Dietetic Management**
- 48 credit points selected from the following:
  - PUB801 Medicine And The Law
  - PUB354 Occupational Health
  - PUB380 Casexem Management
  - PUB480 Health Administration Finance
  - PUB490 Quality Management in Health
  - PUB511 Health Policy, Planning and Evaluation

**Exercise**
- HMB273 Exercise Physiology 1
- PLUS
  - 48 credit points selected from the following:
    - HMB272 Biomechanics
    - HMB274 Functional Anatomy
    - HMB277 Exercise and Sport Nutrition
    - HMB332 Health Related Fitness
    - HMB333 Child and Adolescent Health
    - HMB379 Disorders of Human Movement
    - HMB381 Exercise Physiology 2
    - HMB382 Principles Of Exercise Prescription
    - HMB383 Workplace Health
- PUB632 Independent Study

**General Electives in Food Safety**
- LSB415 Microbiology
- PUB517 Food Hygiene Studies

**Health Management**
- PUB480 Health Administration Finance
- PUB511 Health Policy, Planning and Evaluation
- PUB514 Contract/Project Management
- PUB609 Health Resource Allocation
- PUB611 Risk Management
- PUB632 Independent Study

**Health Promotion**
- PUB107 Sustainable Environments for Health
- PUB336 Women’s Health
- PUB406 Health Promotion Strategies
- PUB511 Health Policy, Planning and Evaluation
- PUB514 Contract/Project Management
- PUB557 Health Needs of Indigenous Australians and Other Populations
- PUB565 International Health
- PUB644 Health Promoting Schools

**Private Practice**
- BSB110 Accounting
- PUB354 Occupational Health
- BSB113 Economics
  - OR
  - BSB114 Government, Business and Society
  - OR
  - BSB126 Marketing

**Research**
- HLN405 Qualitative Research
- HLN706 Advanced Quantitative Research Methods
- PUB416 Research Methods
- PUB461 Qualitative Inquiry in Public Health
- PUB632 Independent Study

## Bachelor of Health Science (Nutrition and Dietetics)/Bachelor of Applied Science (Human Movement Studies) (HL42)

**Award title:** Bachelor of Applied Science (Human Movement Studies)/Bachelor of Health Science (Nutrition and Dietetics)

**CRICOS code:** 031579M

**Location:** Kelvin Grove

**Course duration (full-time):** 5 years

**Total credit points:** 528

**Standard credit points per semester (full-time):** 48 (6 semesters) 60 (4 semesters)

**Course coordinator:** Dr Graham Costin
Professional Membership
Graduates are eligible for membership of the Dietitians Association of Australia and may enrol in the APD (Accredited Practising Dietitian) program. Graduates are also eligible for membership in the Australian Association for Exercise and Sports Science.

Full-time Course structure

**Year 1, Semester 1**
- LSB131 Anatomy
- PCB142 Chemistry 1
- PUB251 Contemporary Public Health
- PUB474 Food Studies

**Year 1, Semester 2**
- HMB171 Fitness Health and Wellness
- HMB276 Research in Human Movement
- PCB242 Chemistry 2
- PUB201 Food and Nutrition
- PYB007 Interpersonal Processes and Skills

**Year 2, Semester 1**
- HMB271 Foundations Of Motor Control, Learning And Development
- HMB274 Functional Anatomy
- HMB313 Socio-Cultural Foundations of Physical Activity
- LSB308 Biochemistry
- LSB358 Physiology 1

**Year 2, Semester 2**
- HMB272 Biomechanics
- HMB273 Exercise Physiology 1
- LSB408 Metabolism
- LSB458 Physiology 2
- PUB405 Nutrition Science

**Year 3, Semester 1**
- HMB379 Disorders of Human Movement
- PUB271 Introduction to Health Services Management
- PUB326 Epidemiology
- PUB341 Nutrition Education

**Year 3, Semester 2**
- PUB509 Nutrition
- PUB514 Contract/Project Management
- PUB557 Health Needs of Indigenous Australians and Other Populations

**Minor Elective**
- PUB336 Women’s Health
- PUB875 Professional Practice

**Minor Elective Lists**

- **NUT Minor Elective Lists**
  - Students are required to select a minor which constitutes a coherent body of study. Examples of what constitutes a minor appear below. Minor elective units are subject to prerequisite requirements, and approval of the Course Coordinator.
  - **Alcohol and Drug Studies**
    - PYB158 Introduction to Substance Abuse in Australia
    - PYB159 Alcohol and Other Drug Studies
    - PYB260 Psychopharmacology of Addictive Behaviour
    - PYB360 Interventions for Addictive Behaviours
  - **Clinical Science**
    - LSB658 Clinical Physiology
    - 48 credit points selected from the following:
      - LSB365 Pathology
      - LSB438 Immunology 1
      - LSB415 Microbiology
      - LSB508 Advanced Metabolism
    - PUB632 Independent Study
  - **Counselling**
    - PYB007 Interpersonal Processes and Skills
    - PYB208 Counselling Theory and Practice 1
    - 48 credit points selected from the following:
      - PYB159 Alcohol and Other Drug Studies
      - PYB257 Group Work
      - PYB356 Counselling Theory and Practice 2
      - PYB359 Introduction to Family Therapy
      - PYB360 Interventions for Addictive Behaviours
  - **Exercise**
    - HMB273 Exercise Physiology 1
    - 48 credit points selected from the following:
      - HMB272 Biomechanics

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**Bachelor of Health Science (Nutrition)**

- **Award title:** Bachelor of Health Science (Nutrition)
- **CRICOS code:** 022142D
- **Location:** Kelvin Grove
- **Course duration (full-time):** 3 years
- **Total credit points:** 288
- **Standard credit points per semester (full-time):** 48
- **Course coordinator:** Ms Melinda Service

**Discipline coordinator:** Dr Philippa Lyons-Wall

**Other Majors**

See also the separate entries for the following majors in this course: Environmental Health; Health Information Management or Health Services Management; or Public Health.

**Professional Membership**
Graduates are eligible for membership of the Public Health Association of Australia and the Australian Health Promotion Association.

**Full-time Course Structure**

**Year 1, Semester 1**
- PCB142 Chemistry 1
- PUB104 Introduction to Health Services Management
- PUB251 Contemporary Public Health
- PUB474 Food Studies

**Year 1, Semester 2**
- LSB255 Human Anatomy
- PCB242 Chemistry 2
- PUB201 Food and Nutrition
- PYB012 Psychology

**Year 2, Semester 1**
- LSB308 Biochemistry
- LSB358 Physiology 1
- PUB326 Epidemiology
- PUB341 Nutrition Education

**Year 2, Semester 2**
- LSB408 Metabolism
- LSB458 Physiology 2
- PUB405 Nutrition Science

**Year 3, Semester 1**
- PUB509 Nutrition
- PUB514 Contract/Project Management
- PUB557 Health Needs of Indigenous Australians and Other Populations

**Year 3, Semester 2**
- PUB336 Women’s Health
- PUB875 Professional Practice

**Minor Elective**
- PUB632 Independent Study

**Minor Elective Lists**

- **Minor Elective Lists**
  - Students are required to select a minor which constitutes a coherent body of study. Examples of what constitutes a minor appear below. Minor elective units are subject to prerequisite requirements, and approval of the Course Coordinator.
  - **Alcohol and Drug Studies**
    - PYB158 Introduction to Substance Abuse in Australia
    - PYB159 Alcohol and Other Drug Studies
    - PYB260 Psychopharmacology of Addictive Behaviour
    - PYB360 Interventions for Addictive Behaviours
  - **Clinical Science**
    - LSB658 Clinical Physiology
    - PLUS
    - 48 credit points selected from the following:
      - LSB365 Pathology
      - LSB438 Immunology 1
      - LSB415 Microbiology
      - LSB508 Advanced Metabolism
    - PUB632 Independent Study
  - **Counselling**
    - PYB007 Interpersonal Processes and Skills
    - PYB208 Counselling Theory and Practice 1
    - PLUS
    - Choose two of the following:
      - PYB159 Alcohol and Other Drug Studies
      - PYB257 Group Work
      - PYB356 Counselling Theory and Practice 2
      - PYB359 Introduction to Family Therapy
      - PYB360 Interventions for Addictive Behaviours
  - **Exercise**
    - HMB273 Exercise Physiology 1
    - PLUS
    - 48 credit points selected from the following:
      - HMB272 Biomechanics
HEALTH

HMB274 Functional Anatomy
HMB277 Exercise and Sport Nutrition
HMB332 Health Related Fitness
HMB333 Child and Adolescent Health
HMB379 Disorders of Human Movement
HMB381 Exercise Physiology 2
HMB382 Principles Of Exercise Prescription
HMB383 Workplace Health
PUB632 Independent Study

General Electives in Food Safety
LSB415 Microbiology
PUB517 Food Hygiene Studies

Health Management
PUB480 Health Administration Finance
PUB511 Health Policy, Planning and Evaluation
PUB514 Contract/Project Management
PUB609 Health Resource Allocation
PUB611 Risk Management
PUB632 Independent Study

Health Promotion
PUB107 Sustainable Environments for Health
PUB336 Women’s Health
PUB406 Health Promotion Strategies
PUB511 Health Policy, Planning and Evaluation
PUB514 Contract/Project Management
PUB557 Health Needs of Indigenous Australians and Other Populations
PUB565 International Health
PUB644 Health Promoting Schools

Research
HLN405 Qualitative Research
HLN706 Advanced Quantitative Research Methods
PUB416 Research Methods
PUB461 Qualitative Inquiry in Public Health
PUB561 Quantitative Analysis for Health
PUB632 Independent Study

Bachelor of Health Science (Podiatry) (PU43)
Award title: Bachelor of Health Science (Podiatry)
CRICOS code: 022143C
Location: Kelvin Grove
Course duration (full-time): 4 Years
Total credit points: 384
Standard credit points per semester (full-time): 48
Course coordinator: Ms Melinda Service
Discipline coordinator: Mr Alan Crawford

Other Majors
See also the separate entry for the following major in this course: Nutrition and Dietetics.

Professional Membership
Graduates are eligible for State Registration throughout Australia. This qualification is also acceptable for registration in the United Kingdom, New Zealand and some European countries. Graduates may also become Members of the Australian Podiatry Association and are eligible to apply for membership of Sports Medicine Australia.

Full-time Course Structure

Year 1, Semester 1
LSB131 Anatomy
PCB141 Chemistry for Clinical Health Professionals
PUB251 Contemporary Public Health
PYB012 Psychology

Year 1, Semester 2
HMB272 Biomechanics
LSB235 Advanced Anatomy
LSB275 Biomolecular Science
LSB475 Disease Processes 4

Year 2, Semester 1
HMB274 Functional Anatomy
LSB451 Human Physiology
PUB326 Epidemiology
PUB339 Podiatric Medicine 1

Year 2, Semester 2
LSB492 Microbiology
PUB437 Pharmacology
PUB438 Medicine
PUB439 Podiatric Medicine 2

Year 3, Semester 1
PUB522 Podiatric Anaesthetics
PUB537 Radiographic Image Interpretation
PUB538 Physical Medicine
PUB539 Podiatric Medicine 3

Year 3, Semester 2
PUB416 Research Methods
PUB635 Podiatric Surgery
PUB638 Orthopaedics and Sports Medicine
PUB639 Podiatric Medicine 4

Year 4, Semester 1
PUB738 Advanced Clinical Studies 1
PUB739 Podiatric Medicine 5
Minor Elective
Minor Elective

Year 4, Semester 2
PUB826 Project and Professional Management
PUB838 Advanced Clinical Studies 2
PUB839 Podiatric Medicine 6

MINOR ELECTIVE LISTS

Students are required to select a minor which constitutes a coherent body of study. Examples of what constitute a minor appear below. Minor elective units are subject to prerequisite requirements, and approval of the Course Coordinator.

Exercise Studies
HMB271 Foundations Of Motor Control, Learning And Development
HMB273 Exercise Physiology 1
HMB274 Functional Anatomy
PLUS one of the following:
HMB361 Functional Anatomy 2
HMB371 Motor Control And Learning 2
HMB383 Workplace Health
HMB384 Injury Prevention and Rehabilitation

Public Health
PUB326 Epidemiology
PUB511 Health Policy, Planning and Evaluation
PUB406 Health Promotion Strategies

Research
PUB326 Epidemiology
PUB416 Research Methods
PUB632 Independent Study
PUN105 Health Statistics

Bachelor of Health Science (Podiatry)/Bachelor of Applied Science (Human Movement Studies) (HL43)
Award title: Bachelor of Applied Science (Human Movement Studies)/Bachelor of Health Science (Podiatry)
CRICOS code: 047455C
Location: Kelvin Grove
Course duration (full-time): 5 years
Total credit points: 528

Professional Membership
Graduates are eligible for membership of the Australian Podiatry Association and can also apply for membership of Sports Medicine Australia. Graduates are also eligible for membership in the Australian Association for Exercise and Sports Science.

Course structure (full-time)

Year 1, Semester 1
LSB131 Anatomy
PCB141 Chemistry for Clinical Health Professionals
PUB251 Contemporary Public Health
PYB012 Psychology

Year 1, Semester 2
HMB171 Fitness Health and Wellness
HMB272 Biomechanics
LSB235 Advanced Anatomy
Bachelor of Health Science (Public Health) (PU40)

Award title: Bachelor of Health Science (Public Health)
CRICOS code: 022142D
Location: Kelvin Grove
Course duration (full-time): 3 Years
Total credit points: 288
Standard credit points per semester (full-time): 48
Course coordinator: Mrs Melinda Service
Discipline coordinator: Dr Michael Dunne

Other Majors
See also the separate entries for the following majors in this course: Environmental Health; Health Information Management or Health Services Management; or Nutrition.

Professional Membership
Graduates are eligible for membership of the Public Health Association of Australia and the Australian Health Promotion Association.

Course structure
Year 1, Semester 1
LSB11 Understanding Disease Concepts
PB104 Introduction to Health Services Management
PB107 Sustainable Environments for Health
PB251 Contemporary Public Health
Year 1, Semester 2
BSB115 Management, People and Organisations
PB209 Health, Culture and Society
PYB012 Psychology
PB201 Food and Nutrition
Year 2, Semester 1
PB326 Epidemiology
PB329 Foundations of Health Studies and Health Behaviour
PB416 Research Methods
PB461 Qualitative Inquiry in Public Health
PB467 International Health
Year 2, Semester 2
PB512 Health Needs of Indigenous Australians and Other Populations
PB514, PUB511, PUB514, and PUB609.

Please note:
• To select a minor or elective from outside the recommended list below, you must seek approval from the Academic Affairs Officer.
• You may only select up to four minor elective units (48 credit points) from outside of the School of Public Health.

Alcohol and Drug Studies
PYB158 Introduction to Substance Abuse in Australia
PYB159 Alcohol and Other Drug Studies
PYB260 Psychopharmacology of Addictive Behaviour
PYB360 Interventions for Addictive Behaviours

Community Nutrition
PB341 Nutrition Education
PB474 Food Studies
PB509 Nutrition
PB632 Independent Study

Environmental Health
LSB415 Microbiology
PB517 Food Hygiene Studies
PB400 Environmental Protection
PB409 Communicable Disease: Prevention and Control

General Studies in Psychology
PYB159 Alcohol and Other Drug Studies
PYB203 Developmental Psychology
PYB205 Social Psychology
PYB307 Health Psychology

Health Education
HMB171 Fitness Health and Wellness
PB632 Independent Study
PB644 Health Promoting Schools
SPB22 Adult Learning And Development

Indigenous Health
EDB007 Culture Studies: Indigenous Education
HBB123 Indigenous Australian Culture Studies
PB557 Health Needs of Indigenous Australians and Other Populations
PB632 Independent Study

Women's Health
PB336 Women's Health
PB632 Independent Study
PB654 Psychology and Gender
SPB007 Human Sexuality And Learning
Full-time Course Structure

For Preregistration students who have completed an undergraduate degree

Year 1, Semester 1
- LSB111 Understanding Disease Concepts
- NSB324 Medical-Surgical Nursing 1
- NSB223 Mental Health Nursing
- NSB122 Clinical Practice 1
- NSB212 Clinical Practice 2

Year 1, Semester 2
- NSB423 Medical-Surgical Nursing 2
- NSB424 Nursing Therapeutics
- HHB120 Ethics, Law And Health Care
- NSB222 Clinical Practice 3

Year 2, Semester 1
- NSB500 Medical-Surgical Nursing 3
- NSB501 Politics, Technology and Nursing
- NSB322 Clinical Practice 4

Year 2, Semester 2
- NSB321 Professional Nursing Development
- Elective
- NSB333 Clinical Practice 5

Part-time Course Structure - NB not available to International Students

Year 1, Semester 1
- Select two units:
  - NSB223 Mental Health Nursing
  - NSB501 Politics, Technology and Nursing
- PYB073 Introduction to Behavioural Sciences and Health Care
- Any other approved unit

Year 1, Semester 2
- Select two units:
  - HHB120 Ethics, Law And Health Care
  - NSB113 Values, Culture and Diversity
  - NSB424 Nursing Therapeutics
- Elective (see elective list) OR
- Any other approved unit

Year 2, Semester 1
- NSB224 Research Approaches in Nursing
- Select one more unit:
  - NSB223 Mental Health Nursing
  - NSB501 Politics, Technology and Nursing
  - PYB073 Introduction to Behavioural Sciences and Health Care
Year 2, Semester 2
NSB321 Professional Nursing Development
NSB322 Clinical Practice 4
NSB323 Clinical Practice 5
NSB333 Medical-Surgical Nursing 3
NSB500 Medical-Surgical Nursing 3
NSB501 Politics, Technology and Nursing
PYB073 Introduction to Behavioural Sciences and Health Care
Any other approved unit

Second Semester (Mid-Year) Entry
Full-time Course Structure
Year 1, Semester 1
NSB321 Professional Nursing Development
Select one more unit:
HHB120 Ethics, Law And Health Care
NSB113 Values, Culture and Diversity
NSB424 Nursing Therapeutics
Elective (see elective list) OR
Any other approved unit

Year 1, Semester 2
NSB224 Research Approaches in Nursing
Select three more units:
NSB223 Mental Health Nursing
NSB501 Politics, Technology and Nursing
PYB073 Introduction to Behavioural Sciences and Health Care OR
Elective (see elective list) OR
Any other approved unit

Year 2, Semester 1
NSB321 Professional Nursing Development
Select one more unit:
HHB120 Ethics, Law And Health Care
NSB113 Values, Culture and Diversity
NSB424 Nursing Therapeutics
Elective (see elective list) OR
Any other approved unit

Year 2, Semester 2
NSB223 Mental Health Nursing
NSB501 Politics, Technology and Nursing
PYB073 Introduction to Behavioural Sciences and Health Care
Any other approved unit

Year 1, Semester 2
Select two units:
NSB113 Values, Culture and Diversity
HHB120 Ethics, Law And Health Care
NSB424 Nursing Therapeutics
Elective (see elective list) OR
Any other approved unit

Year 2, Semester 2
Select two units:
NSB223 Mental Health Nursing
NSB501 Politics, Technology and Nursing
PYB073 Introduction to Behavioural Sciences and Health Care
Any other approved unit

For Overseas Registered Nurses with an appropriate qualification seeking registration in Australia

Note: This program is available in the full-time mode only.

First Semester Entry
Full-time Course Structure
Year 1, Semester 1
NSB500 Medical-Surgical Nursing 3
NSB322 Clinical Practice 4
Select two more units:
NSB223 Mental Health Nursing
NSB224 Research Approaches in Nursing
NSB501 Politics, Technology and Nursing
PYB073 Introduction to Behavioural Sciences and Health Care
Any other approved unit

Year 1, Semester 2
NSB321 Professional Nursing Development
NSB333 Clinical Practice 5
Elective

Second Semester (Mid-Year) Entry
Full-time Course Structure
Year 1, Semester 1
NSB321 Professional Nursing Development
NSB322 Clinical Practice 4
Elective

Year 1, Semester 2
NSB500 Medical-Surgical Nursing 3
NSB333 Clinical Practice 5
Select two more units:
NSB223 Mental Health Nursing
NSB224 Research Approaches in Nursing
NSB501 Politics, Technology and Nursing
PYB073 Introduction to Behavioural Sciences and Health Care
Any other approved unit

Bachelor of Nursing - Preregistration (NS40)

Award title: Bachelor of Nursing
CRICOS code: 003501K
Location: Kelvin Grove
Course duration (full-time): 3 Years
Course duration (part-time): 6 Years
Total credit points: 288
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Dr Alan Barnard

Streams in NS40 Bachelor of Nursing

The Bachelor of Nursing (NS40) course provides streams of study for both preregistration and postregistration students (i.e., those who have already completed a qualification leading to registration as a nurse).

Professional Membership

This course is recognised by the Royal College of Nursing, Australia as satisfying the academic requirements for admission as a professional member.

Domestic or international students who complete the preregistration stream of studies (288 credit points) are eligible for registration within Australia, and have been successful in obtaining registration in Britain, New Zealand and North America. Eligible international registered nurses who complete a specified course of study (96 credit points) are also eligible for registration within Australia.

Course Requirements

The clinical practice units require students to undertake block practicums of two or more weeks duration during semester. Students will be required to wear a uniform while on clinical practice, the cost of which is approximately $150. Students enrolling in this program are required to complete a course of vaccinations for Hepatitis B before commencing their clinical practice units. They are also required to have a current Senior First Aid Certificate or the equivalent prior to commencement of Clinical Practice 1.

Full-time Course structure
Year 1, Semester 1
LSB192 Biotechnology
PYB073 Introduction to Behavioural Sciences and Health Care
NSB117 Nursing and the Health Care System
NSB118 Health Assessment and Nursing Practice

Year 1, Semester 2
LSB282 Biotechnology 2
NSB225 Promoting Health Across the Lifespan
NSB113 Values, Culture and Diversity
NSB122 Clinical Practice 1

Year 2, Semester 1
LSB392 Biotechnology 3
NSB324 Medical-Surgical Nursing 1
NSB212 Clinical Practice 2
NSB223 Mental Health Nursing

Year 2, Semester 2
NSB321 Professional Nursing Development
NSB333 Clinical Practice 5
Elective

Year 2, Semester 2
NSB321 Medical-Surgical Nursing 3
NSB333 Clinical Practice 5
Select two more units:
NSB223 Mental Health Nursing
NSB224 Research Approaches in Nursing
NSB501 Politics, Technology and Nursing
PYB073 Introduction to Behavioural Sciences and Health Care
Any other approved unit

Year 2, Semester 2
Select two units:
NSB113 Values, Culture and Diversity
HHB120 Ethics, Law And Health Care
NSB424 Nursing Therapeutics
Elective (see elective list) OR
Any other approved unit

Year 2, Semester 2
Select two units:
NSB223 Mental Health Nursing
NSB501 Politics, Technology and Nursing
PYB073 Introduction to Behavioural Sciences and Health Care
Any other approved unit

For Overseas Registered Nurses with an appropriate qualification seeking registration in Australia

Note: This program is available in the full-time mode only.

First Semester Entry
Full-time Course Structure
Year 1, Semester 1
NSB500 Medical-Surgical Nursing 3
NSB322 Clinical Practice 4
Select two more units:
NSB223 Mental Health Nursing
NSB224 Research Approaches in Nursing
NSB501 Politics, Technology and Nursing
PYB073 Introduction to Behavioural Sciences and Health Care
Any other approved unit

Year 1, Semester 2
NSB321 Professional Nursing Development
NSB333 Clinical Practice 5
Elective

Year 2, Semester 2
NSB501 Politics, Technology and Nursing
NSB223 Mental Health Nursing
NSB224 Research Approaches in Nursing
PYB073 Introduction to Behavioural Sciences and Health Care
Any other approved unit

Year 2, Semester 2
Select two units:
NSB113 Values, Culture and Diversity
HHB120 Ethics, Law And Health Care
NSB424 Nursing Therapeutics
Elective (see elective list) OR
Any other approved unit

Year 2, Semester 2
Select two units:
NSB223 Mental Health Nursing
NSB501 Politics, Technology and Nursing
PYB073 Introduction to Behavioural Sciences and Health Care
Any other approved unit

For Overseas Registered Nurses with an appropriate qualification seeking registration in Australia

Note: This program is available in the full-time mode only.
Students will be required to wear a uniform while on clinical practice, the cost of which is approximately $150. Students enrolling in this program are required to complete a course of vaccinations for Hepatitis B before commencing their clinical practice units. They are also required to have a current Senior First Aid Certificate or the equivalent prior to commencement of Clinical Practice 1.

Course structure

Year 1, Semester 1
- PUB104 Introduction to Health Services Management
- PUB118 Biodiscipline 1
- PUB514 Contract/Project Management

Year 1, Semester 2
- PUB500 Introduction to Health Management
- PUB380 Health Service Executives

Year 2, Semester 1
- PUB609 Health Resource Allocation
- PUB511 Health Policy, Planning and Evaluation
- PUB326 Epidemiology

Year 2, Semester 2
- PUB480 Health Administration Finance
- PUB432 Quality Management in Health
- PUB251 Contemporary Public Health

Year 3, Semester 1
- PUB501 Politics, Technology and Nursing
- PUB301 Politics, Technology and Nursing

Year 3, Semester 2
- PUB224 Research Approaches in Nursing
- PUB225 Promoting Health Across the Lifespan

Year 4, Semester 1
- PUB504 Health Policy and Practice
- PUB515 Contract/Project Management

Year 4, Semester 2
- PUB512 Clinical Practice 2
- PUB511 Health Policy, Planning and Evaluation

Bachelor of Nursing/Bachelor of Applied Science (in Human Movement Studies) (HL40)

Award title: Bachelor of Nursing/Bachelor of Applied Science
CRICOS code: 031578A
Location: Kelvin Grove
Course duration (full-time): 4 Years
Total credit points: 432
Course coordinator: Dr Alan Barnard
Discipline coordinator: Dr Graham Costin (Human Movement Studies)

Professional Membership
The Bachelor of Nursing is recognised by the Royal College of Nursing, Australia as satisfying the academic requirements for admission as a professional member. Graduates are eligible for membership of the Australian College of Health Service Executives.

Course Requirements
Students are required to complete 432 credit points within the integrated course. The clinical practice units require students to undertake block practicums of two or more weeks duration during semester. Students will be required to wear a uniform...
while on clinical practice, the cost of which is approximately $150.

Students in the Nursing program are required to complete a course of vaccinations for Hepatitis B before commencing their clinical practice units. They are also required to have a current Senior First Aid Certificate or the equivalent prior to commencement of Clinical Practice 1.

### Full-time Course structure

#### Year 1, Semester 1
- HMB171 Fitness Health and Wellness
- LSB131 Anatomy
- NSB117 Nursing and the Health Care System
- PYB073 Introduction to Behavioural Sciences and Health Care

#### Year 1, Semester 2
- HMB172 Nutrition and Physical Activity
- HMB272 Biomechanics
- HMB275 Exercise and Sport Psychology
- LSB231 Physiology
- PYB007 Interpersonal Processes and Skills

#### Year 2, Semester 1
- HMB379 Disorders of Human Movement
- HMB274 Functional Anatomy
- NSB118 Health Assessment and Nursing Practice
- HMB271 Foundations Of Motor Control, Learning And Development

#### Year 2, Semester 2
- LSB282 Bioscience 2
- NSB225 Promoting Health Across the Lifespan
- HMB276 Research in Human Movement
- HMB273 Exercise Physiology I
- NSB122 Clinical Practice 1

#### Year 3, Semester 1
- HMB382 Principles of Exercise Prescription
- LSB382 Bioscience 3
- NSB324 Medical-Surgical Nursing 1
- NSB223 Mental Health Nursing
- NSB212 Clinical Practice 2

#### Year 3, Semester 2
- HMB470 Practicum 1
- NSB423 Nursing Therapeutics
- HHH120 Ethics, Law And Health Care
- NSB222 Clinical Practice 3
- NSB500 Medical-Surgical Nursing 3
- NSB501 Politics, Technology and Nursing
- NSB208 Human Movement Studies Major/Third Level Elective (see * below)
- NSB222 Clinical Practice 4

#### Year 4, Semester 1
- NSB333 Clinical Practice 5
- NSB333 Clinical Practice 5 (Elective (see # below))

#### Elective List #
- NSB600 Introduction to Nursing Children and Childbearing Families
- NSB602 Pain Management and Contemporary Nursing Practice
- NSB603 Introduction to Cardiothoracic Nursing
- NSB604 Introduction to Dementia and Family Care
- NSB605 Nursing in a Technological World
- NSB421 Independent Study
- PYB257 Group Work
- PYB360 Interventions for Addictive Behaviours
- NSB312 Family and Community Nursing

#### Human Movement Studies Third Level Elective List *
- Note: all third level units are not available in every semester
- HMB277 Exercise and Sport Nutrition
- HMB362 Biomechanics 2
- HMB374 Psychology of Rehabilitation
- HMB376 Motor Development in Children
- HMB377 Children in Sport
- HMB480 Advanced Exercise Prescription

---

**Bachelor of Nursing/Bachelor of Health Science (Public Health) (HL46)**

- **Award title:** Bachelor of Nursing/Bachelor of Health Science (Public Health)
- **CRICOS code:** 031576C
- **Location:** Kelvin Grove
- **Course duration (full-time):** 4 years
- **Course coordinator:** Dr Alan Barnard

**Professional Membership**

The Bachelor of Nursing is recognised by the Royal College of Nursing, Australia as satisfying the academic requirements for admission as a professional member. Graduates are eligible for membership of the Public Health Association of Australia and the Australian Association of Health Promotion Professionals.

**Course Requirements**

Students are required to complete 432 credit points within the integrated course. The clinical practice units require students to undertake block practicums of two or more weeks duration during semester. Students will be required to wear a uniform while on clinical practice, the cost of which is approximately $150.

Students in the Nursing program are required to complete a course of vaccinations for Hepatitis B before commencing their clinical practice units. They are also required to have a current Senior First Aid Certificate or the equivalent prior to commencement of Clinical Practice 1.

### Full-time Course structure

#### Year 1, Semester 1
- LSB111 Understanding Disease Concepts
- PUB104 Introduction to Health Services Management
- PUB107 Sustainable Environments for Health
- PUB251 Contemporary Public Health

#### Year 1, Semester 2
- BSB115 Management, People and Organisations
- PUB201 Food and Nutrition
- PUB209 Health, Culture and Society
- PYB012 Psychology

#### Year 2, Semester 1
- LSB182 Bioscience 1
- NSB118 Health Assessment and Nursing Practice
- PUB326 Epidemiology
- PUB329 Foundations of Health Studies and Health Behaviour
- PUB209 Health, Culture and Society

#### Year 2, Semester 2
- LSB282 Bioscience 2
- NSB222 Clinical Practice 3
- HBB120 Ethics, Law And Health Care
- PUB222 Clinical Practice 3
- PUB209 Health, Culture and Society
- PUB329 Foundations of Health Studies and Health Behaviour
- PUB329 Foundations of Health Studies and Health Behaviour

#### Public Health Elective

- PUB201 Food and Nutrition
- PUB329 Foundations of Health Studies and Health Behaviour

#### Year 3, Semester 1
- LSB382 Bioscience 3
- NSB212 Clinical Practice 1
- PUB209 Health, Culture and Society
- PUB329 Foundations of Health Studies and Health Behaviour
- PUB329 Foundations of Health Studies and Health Behaviour

#### Year 3, Semester 2
- LSB382 Bioscience 3
- NSB212 Clinical Practice 1
- PUB209 Health, Culture and Society
- PUB329 Foundations of Health Studies and Health Behaviour
- PUB329 Foundations of Health Studies and Health Behaviour
- PUB406 Health Promotion Strategies

#### Year 4, Semester 1
- LSB382 Bioscience 3
- NSB212 Clinical Practice 1
- PUB209 Health, Culture and Society
- PUB329 Foundations of Health Studies and Health Behaviour
- PUB329 Foundations of Health Studies and Health Behaviour
- PUB406 Health Promotion Strategies

#### Year 4, Semester 2
- LSB382 Bioscience 3
- NSB212 Clinical Practice 1
- PUB209 Health, Culture and Society
- PUB329 Foundations of Health Studies and Health Behaviour
- PUB406 Health Promotion Strategies

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Public Health Elective List
PUB341  Nutrition Education
PUB349  Families and Households
PUB557  Health Needs of Indigenous Australians and Other Populations
Section Three – Course Information

Humanities and Human Services

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OVERVIEW

The School of Humanities and Human Services within QUT Carseldine is focused on multidisciplinary teaching and research and offers a range of subjects which focus on contemporary international, local and community issues.

- The Bachelor of Arts offers students the opportunity for interdisciplinary majors in International and Global Studies, Ethics and Human Rights, Society and Change, and Community Studies. Discipline majors in History, Geography, Languages, Social Sciences (Sociology and Political Studies) are also available together with a broad range of co-majors from other areas of the University.
- The Bachelor of Social Science offers majors in Applied Ethics, Geography and Environmental Studies, International and Global Studies, Political Studies, and Sociology.
- The Bachelor of Social Science (Human Services) focuses on contemporary issues and offers a suite of skills units that will prepare students for work in aged services, disability services, corrections, working with children and family and with young people.
- Associated postgraduate research and coursework programs and honours programs are also available in the School.

Staff of QUT Carseldine are committed to maintaining strong links with industry and the professions served by the courses on offer. QUT Carseldine is also responsible for the coordination of academic and support activities at the Carseldine campus, and for the continued development of the campus and its relationships with community partners. Research and community service activities are regarded as key strategies for ensuring the on-going relevance of the academic programs at all levels and for maintaining the strong success record of graduates.

SENIOR STAFF

QUT Carseldine

Director: Professor R.L. Matchett, BScWk(Hons) Qld, MAASW
Assistant Director (Academic Coordination): Dr A.J. Williamson, BEcon, BA Qld, MA Griff, PhD Qld
Executive Officer: J.Dyke, BA Qld, MEA QUT

School of Humanities and Human Services

Head: Professor C. Bean, BA MA(Hons) Canterbury, PhD ANU
Professor: C.A. Trocki, BA Cleveland, MA PhD C’nell
Associate Professors:
H. Guille, BSc(Hons) R’dg, PhD Griff
G.J. Ianziti, BA San Fran, MA PhD Nth Car

RESEARCH CENTRES

Centre for Social Change Research

The Centre’s purpose is to develop a research environment that promotes understanding of the drivers of social change and the implications of change for individuals, families, communities and nations.

The Centre facilitates research with a strong applied social research orientation, which allows the human, ethical and societal dimensions of technological, environmental, economic and political change to be assessed, and responses to these changes to be identified. This is achieved through careful, critical, independent and ethical research, which contributes to better outcomes for individuals and communities, and addresses issues of national and global significance.

Staff and students are offered
- a centre of excellence in the ‘craft of research’, with a recognised reputation
- a distinctive, applied research culture, underpinned by a solid research base
- a focus on international and local issues related to the humanities, social sciences and human services
- an ethical engagement with a wide range of public policy and practices in government, business and the community, including human services, health care, biotechnology and the professions
- strong collaborative partnerships with community, government, academic, and private organisations
- cutting edge critical public debate
- an open, people-centered and change-oriented approach
- a nurturing environment for the development of excellence in the next generation of researchers through expert mentoring and guidance by experienced researchers.

Some of the strengths which researchers have been developing since 1996 include:
- experience in the use of diverse research approaches, including: political, psychological, sociological, applied ethics, historical, and social science research approaches
- solid links with the community, industry, business and government organizations that enable the development of collaborative research alliances
- emerging cross-disciplinary linkages at the local, national and international level
- a high publication rate.

The Centre aims to foster:
- a positive research culture that supports postgraduate candidates and staff researchers of an international standard
- solid links with the community, business, government and professional organisations that enable the development of collaborative research alliances
- cross-disciplinary teams able to work together to offer alternative approaches to solve complex problems
- linkages with other faculties and departments throughout Australia and overseas, as well as within the Queensland University of Technology.

Director: Dr Laurie Buys BA West Virginia MS SIU
GradCertGerontology PhD Northern Colorado
Phone: + 61 7 3864 4761
Fax: + 61 7 3864 4719
Email: l.buys@qut.edu.au
**Doctor of Social Science (HH50)**

CRICOS code: 048293G  
Location: Carseldine  
Course duration (full-time): 6 semesters (3 years)  
Course duration (part-time): 12 semesters (6 years)  
Course duration (external): Not available  
Total credit points: 288  
Standard credit points per semester (full-time): 48  
Standard credit points per semester (part-time): 24  
Course coordinator: Dr Gavin Kendall

**Course Structure**  
The course is divided into coursework and three theses. All three theses have conference presentation/communication of research finding units attached to them. Students will first complete their coursework and their first project, as well as HHR510 before they will be permitted to work on their second project. Similarly students must complete the second project as well as HHR520 before they are permitted to begin work on their third project. The course therefore has a three-part format and students are required to pass three stages in turn to guarantee progression.

**Course structure - full time**

<table>
<thead>
<tr>
<th>Year 1 Semester 1</th>
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<tbody>
<tr>
<td>HHR410 Logic Of Social Inquiry</td>
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<td>HHR551 Professional Practice Project 1 1/4</td>
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<tr>
<td>Elective 1</td>
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<td>Elective 2 or HHR551-3 Professional Practice Project 1 3/4</td>
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<th>Year 1 Semester 2</th>
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<tr>
<td>HHR510 Conference Presentation 1: Networking and Presentation</td>
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<tr>
<td>HHR551 Professional Practice Project 1 2/4</td>
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<td>HHR501 Social Science Methods for the Knowledge Society</td>
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<tr>
<td>Elective 3 or HHR551-4 Professional Practice Project 1 4/4</td>
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<th>Year 2 Semester 1</th>
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<td>HHR551 Professional Practice Project 1 3/4</td>
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<td>HHR551 Professional Practice Project 1 4/4</td>
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<td>HHR561 Professional Practice Project 2 1/4</td>
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<td>HHR561 Professional Practice Project 2 2/4</td>
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<td>HHR561 Professional Practice Project 2 4/4</td>
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<td>HHR520 Conference Presentation 2: Professional Networks</td>
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<td>HHR571 Professional Practice Project 3 1/8</td>
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<th>Year 3 Semester 1</th>
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<td>HHR571 Professional Practice Project 3 4/8</td>
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<td>HHR571 Professional Practice Project 3 5/8</td>
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<td>HHR571 Professional Practice Project 3 7/8</td>
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<td>HHR571 Professional Practice Project 3 8/8</td>
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<tr>
<td>HHR530 Conference Presentation 3: Academic Networks</td>
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**Master of Arts (Research) (Humanities and Human Services) (HH40)**

Award title: Master of Arts (Research)  
CRICOS code: 012707K  
Location: Gardens Point and Carseldine  
Course duration (full-time): 3 semesters (3-year qualified entry); 2 semesters (4-year qualified entry)  
Course duration (part-time): 6 semesters (3-year qualified entry); 4 semesters (4-year qualified entry)  
Total credit points: 144 (3-year qualified entry); 96 (4-year qualified entry)  
Standard credit points per semester (full-time): 48  
Standard credit points per semester (part-time): 24  
Course coordinator: Dr Gavin Kendall

**Overview**  
The Master of Arts by Research is offered in various disciplines by the academic units that make up the School of Humanities and Human Services. Study areas available include:

- Aged Services  
- Applied Ethics  
- Asia-Pacific Studies  
- Child and Family Services  
- Disability Services  
- European Studies  
- Geography & Environmental Studies  
- History  
- Human Services  
- International & Global Studies  
- Languages (French, German, Indonesian, Japanese, Mandarin)  
- Political Studies  
- Services to Young People  
- Sociology.

**Course Structure**  
For those with a three-year degree the Master of Arts (Research) normally comprises 48 credit points of coursework and a 96 credit point research project. For those with a four-year degree it normally comprises a 96 credit point research project. However, with the approval of the postgraduate studies coordinator it is possible to enrol in a 12 credit point coursework plus 84 credit point research project; or a 24 credit point coursework plus 72 credit point research project.

**Research Component**  
Depending on the discipline, the research component may be undertaken as a research thesis (30 000-50 000 words).

**Entry with three-year qualification - Full-time Course Structure**

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<th>Year 1, Semester 1</th>
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<tr>
<td>HHR410 Logic Of Social Inquiry</td>
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<td>HHN001/1 Research Project 1</td>
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<td>Elective</td>
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NB The Electives will be drawn either from units offered in approved Honours or coursework Masters degree programs, or from advanced undergraduate units subject to approval by the discipline coordinator

<table>
<thead>
<tr>
<th>Year 2, Semester 1</th>
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<tbody>
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<td>HHN002 Graduate Seminar</td>
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<td>HHN001/2 Research Project 2</td>
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<td>HHN001/4 Research Project 4</td>
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<tbody>
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<td>HHN001/5 Research Project 5</td>
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<tr>
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<td>HHN001/7 Research Project 7</td>
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<tr>
<td>HHN001/8 Research Project 8</td>
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**Entry with three-year qualification - Part-time Course Structure**

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<th>Year 1, Semester 1</th>
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<tbody>
<tr>
<td>HHR410 Logic Of Social Inquiry</td>
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<tr>
<td>Elective</td>
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</tbody>
</table>

NB The Elective will be drawn either from units offered in approved Honours or coursework Masters degree programs, or from advanced undergraduate units subject to approval by the Discipline Coordinator

<table>
<thead>
<tr>
<th>Year 2, Semester 1</th>
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<tbody>
<tr>
<td>HHN001/1 Research Project 1</td>
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<td>HHN001/2 Research Project 2</td>
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<tr>
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<tr>
<td>HHN001/3 Research Project 3</td>
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<td>HHN001/4 Research Project 4</td>
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<tr>
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<td>HHN001/6 Research Project 6</td>
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<th>Year 3, Semester 2</th>
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<tbody>
<tr>
<td>HHN001/7 Research Project 7</td>
<td></td>
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<tr>
<td>HHN001/8 Research Project 8</td>
<td></td>
</tr>
</tbody>
</table>
Entry with four-year qualification - Full-time Course Structure (48 credit points of exemption)

**Year 1, Semester 1**
- HHN001/1 Research Project 1
- HHN001/2 Research Project 2
- HHN001/3 Research Project 3
- HHN001/4 Research Project 4

**Year 1, Semester 2**
- HHN001/5 Research Project 5
- HHN001/6 Research Project 6
- HHN001/7 Research Project 7
- HHN001/8 Research Project 8

**Entry with four-year qualification - Part-time Course Structure (48 credit points of exemption)**

**Year 1, Semester 1**
- HHN001/1 Research Project 1
- HHN001/2 Research Project 2

**Year 1, Semester 2**
- HHN001/3 Research Project 3
- HHN001/4 Research Project 4

**Year 2, Semester 1**
- HHN001/5 Research Project 5
- HHN001/6 Research Project 6

**Year 2, Semester 2**
- HHN001/7 Research Project 7
- HHN001/8 Research Project 8

### Master of Social Science (Human Services) (HH32)

**Award title:** Master of Social Science (Human Services)

**CRICOS code:** 027281G

**Location:** Carseldine

**Course duration (full-time):** 3 semesters

**Course duration (part-time):** 6 semesters

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Judith Burton

**Course Structure**

You will study four core units and have a wide choice of elective units. You may choose electives from those listed here or, in consultation with the course coordinator, any advanced unit across the university. The scope of elective choice depends on your undergraduate degree. For the units Practice Related Research, you will select and work under the supervision of a member of academic staff to undertake a research project. The resulting report, the thesis (15-18,000 words), demonstrates your in-depth knowledge of a topic of your choice as well as your ability to design and conduct research.

All Graduate Studies units are offered subject to availability. Please contact the course coordinator for advice on nominating a part-time course load.

### Full-time Course Structure

**Year 1, Semester 1**
- HHP011 Critical Issues In The Human Services
- HHD410 Logic Of Social Inquiry
- Two elective units selected from the following, or any postgraduate unit as approved by the postgraduate coordinator:
  - HHP012 Leadership In The Human Services
  - GSN408 Fundamentals of Marketing Management
  - GSN418 Marketing Strategy Development
  - MGN516 Policy Analysis
  - MGN517 Program Management and Evaluation
  - HHB210 Indigenous Australia: Country, Kin And Culture
  - HHB212 Community Work
  - HBB303 Aged Services: Advanced
  - HBB304 Child And Family Services: Advanced
  - HBB305 Corrective Services: Advanced
  - HBB306 Disability Services: Advanced
  - HBB307 Services To Young People: Advanced
  - PYB159 Alcohol and Other Drug Studies

**Year 1, Semester 2**
- HHP013 Managing Human Service Organisations
- HHP015 Contracting in the Human Services
- Two elective units selected from the following, or any postgraduate unit as approved by the course coordinator:
  - HHP003 Aged Services - Graduate Studies

### Graduate Diploma in Social Science (Human Services) (HH31)

**Award title:** Graduate Diploma in Social Science (Human Services)

**CRICOS code:** 027280J

**Location:** Carseldine

**Course duration (full-time):** 2 semesters

**Course duration (part-time):** 4 semesters

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Judith Burton

**Course Structure**

You will study four core units and have a wide degree of choice of elective units. You may choose electives from those listed here or, in consultation with the course coordinator, any advanced unit across the university. The scope of elective choice depends on your undergraduate degree. All Graduate Studies units are offered subject to availability. Please contact the course coordinator for advice on nominating a part-time course load.

### Full-time Course structure

**Year 1, Semester 1**
- HHP011 Critical Issues In The Human Services
- HHP012 Leadership In The Human Services
- Two elective units selected from the following, or any other postgraduate unit as approved by the course coordinator:
  - HHB410 Logic Of Social Inquiry
  - MGN516 Policy Analysis
  - MGN517 Program Management and Evaluation
  - HBB210 Indigenous Australia: Country, Kin And Culture
  - HBB212 Community Work
  - HBB303 Aged Services: Advanced
  - HBB304 Child And Family Services: Advanced
  - HBB305 Corrective Services: Advanced
  - HBB306 Disability Services: Advanced
  - HBB307 Services To Young People: Advanced
  - PYB159 Alcohol and Other Drug Studies
  - BDS411 Community Planning
  - GSN230 Ethics and Management for Philanthropic and Nonprofit Organisations

**Year 1, Semester 2**
- HHP013 Managing Human Service Organisations
- HHP015 Contracting in the Human Services
- Two elective units selected from the following, or any postgraduate unit as approved by the course coordinator:
HUMANITIES AND HUMAN SERVICES

HHP004 Child And Family Services - Graduate Studies
HHP006 Disability Services - Graduate Studies
HHP007 Youth Services - Graduate Studies
HHP210 Indigenous Australia: Country, Kin And Culture
HHP211 Casework And Case Management
HHP213 Social Policy Processes
HHP328 Researching Applied Ethics
HHP214 Team Practice and Group Processes
HHP224 Qualitative Research Methods
HHP215 Crisis And Conflict Resolution
PYB208 Counselling Theory and Practice 1
HHP300 Current Developments In Human Services
AMN403 Marketing and Survey Research
GSN231 Legal and Accounting Issues for P&NP Organisations
GSN224 Corporate Philanthropy

NOTE: Students will be encouraged to select only one undergraduate unit per semester.

Graduate Certificate in Social Science (Human Services) (HH30)
Award title: Graduate Certificate in Social Science (Human Services)
CRICOS code: 040287D
Location: Carseldine
Course duration (full-time): 1 semester
Course duration (part-time): 2 semesters
Total credit points: 48
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Dr Judith Burton

Course Structure
Students may discuss alternative unit selection with the course coordinator. Graduate Certificate students may choose to do:
- One unit from Group A, one advanced service context unit from Group B and two service context units at graduate studies level from Group B; or
- One unit from Group A and three graduate studies level units from Group B; or
- Three units from Group A and one unit at graduate studies level from Group B.

All Graduate Studies units are offered ‘subject to availability’. Part-time students can complete the equivalent of the full time program in any order in either 2, 3 or 4 semesters.

Course structure - Standard Enrolment

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Bachelor of Social Science (Honours) (HH23)
Award title: Bachelor of Social Science (Honours)
CRICOS code: 027297B
Location: Carseldine
Course duration (full-time): 2 Semesters
Course duration (part-time): 4 Semesters
Total credit points: 96
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Dr Judith Burton

Course Structure
Coursework provides for both disciplinary specialisation, and an inter-disciplinary elective option selected in consultation with your supervisor and the course coordinator. The course consists of three coursework units and the equivalent of five units of supervised independent study, resulting in a 15-18000 word thesis. The requirements for graduating are satisfactory (or better) performance in all units. The final mark for the course is determined on the basis of marks assigned in the coursework units The Logic of Social Inquiry, Literature Review, and the advanced elective, plus the mark awarded to the thesis, with weighting being given according to the proportion of credit points within the total. The Honours thesis will be marked by two assessors, one of whom will normally be external to QUT.

Part-time Course Structure
Part-time students should contact the course coordinator for advice on alternative sequences of study.

Language Students
Language students will, where appropriate, do extensive work in the Literature Review and Honours Thesis units in the target language. Where feasible the Honours thesis will be written in the target language.

Full-time Course Structure
Year 1, Semester 1
HHB410 Logic Of Social Inquiry
HHB403 Literature Review
HHB404 Honours Thesis 1
Advanced Elective
One 12 credit point elective selected from advanced units offered in the undergraduate program, chosen in consultation with the thesis supervisor and approved by the Honours Coordinator

Year 1, Semester 2
HHB405 Honours Thesis 2
HHB406 Honours Thesis 3
HHB407 Honours Seminar

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Bachelor of Social Science (Honours) (HH21)
Award title: Bachelor of Arts (Honours)
CRICOS code: 020294D
Location: Carseldine
Course duration (full-time): 2 Semesters
Course duration (part-time): 4 Semesters

Note: Part-time Students
Part-time students may take units in an alternative sequence approved by the course coordinator.
Bachelor of Social Science (Honours)
(Human Services) (HH22)

**Award title:** Bachelor of Social Science (Honours) (Human Services)

**CRICOS code:** 027279B

**Location:** Canseldine

**Course duration (full-time):** 2 Semesters

**Course duration (part-time):** 4 semesters

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Judith Burton

**Course Structure**

The course consists of three coursework units and the equivalent of five units of supervised independent study, resulting in a 15-18000 word thesis. The requirements for graduating are satisfactory (or better) performance in all units. The final mark for the course is determined on the basis of marks assigned in the coursework units The Logic of Social Inquiry, Literature Review, and the advanced elective, plus the mark awarded to the thesis, with weighting being given according to the proportion of credit points within the total. The Honours thesis will be marked by two assessors, one of whom will normally be external to QUT.

**Part-time Course Structure**

Part-time entry students should contact the course coordinator for advice on alternative sequences of study.

**Full-time Course Structure**

**Semester 1**

HHB410 Logic Of Social Inquiry
HHB403 Literature Review
HHB404 Honours Thesis 1
Advanced Elective: An advanced unit selected in consultation with supervisor and approved by the Honours coordinator.

**Semester 2**

HHB405 Honours Thesis 2
HHB406 Honours Thesis 3
HHB407 Honours Seminar

**Bachelor of Arts (HH01)**

**Award title:** Bachelor of Arts

**CRICOS code:** 037577J

**Location:** Gardens Point and Canseldine

**Course duration (full-time):** 3 years

**Course duration (part-time):** 6 years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr John Synott

**Course Requirements**

Students are REQUIRED to complete:

- One Interdisciplinary Professional Major (1 core introductory unit + 6 more units which expand and develop the theme of the major)

Students are ADVISED to complete:

- Four core units in first semester (from a selection of core introductory units and core skills units)
  
  (Note: one of the core introductory units will sit within the chosen Interdisciplinary Professional Major as outlined above)

- Two core units in second year (2 research methods units)

- A Workplace Internship in Third Year (24 credit points)

Students MAY also complete:

- An additional Interdisciplinary Professional Major (1 core introductory unit + 6 units in the major)

- A Discipline Studies Sequence (6 units in one of the disciplines: Geography, History, Languages (French, German, Indonesian, Japanese, Mandarin), Sociology, Politics.

- A Co-major in another QUT course (6 units)

NB: Students must maintain 50% enrolment in units from the BA programme until they have completed 8 of those units. 16 of the 24 units in the BA must be chosen from units in the BA programme.

A unit may not be counted in more than one professional major, discipline sequence, co-major or minor study sequence.

**Key Terms**

- Professional Major - one of four interdisciplinary study sequences in the BA degree (International and Global Studies, Society and Change, Ethics and Human Rights, Community Studies), consisting of one core unit plus six further units from the appropriate list (making a total of 84 credit points).

Students must complete at least one of these to fulfill the requirements of the degree.

- Discipline Sequence - a set of six units (72 credit points) in a given discipline (Geography, History, Languages, Social Science). In Languages, this consists of six sequenced units in one Language. In other disciplines the six units must include one introductory unit to the discipline.

- Co-major - a set of six units (72 credit points) from another QUT course or faculty.

- Minor Study Sequence - a study sequence of any four units (48 credit points) in a given subject area.

- Elective units - units selected by students to fit into their study programs. They can be selected from units offered by any faculty in the university.

**International and Global Studies Professional Major**

The major in International and Global Studies serves students seeking employment in job markets that demand and value knowledge of trends and outcomes in internationalisation, understanding of cultural diversity, knowledge of world regions, cultures and societies, and skills associated with global literacy. Students will be able to tailor learning packages to their professional interests and may choose to concentrate on ‘global perspectives’ or ‘international studies’ (Asian studies, European studies, Pacific studies). This major may be combined with
language study in Indonesian, French, Japanese, German or Mandarin.

Refer to Core Program and Electives: Students are advised to take 1 or 2 Core Units, 1 Unit from Strand A, 1 Unit from Strand B, 3 or 4 Units selected from either Strand (Total of 7 units)

Society and Change Professional Major
The Society and Change major provides an interdisciplinary approach to understanding the dynamics of social change with particular emphasis on ‘the environment, change and society’, ‘societies in transition’ and ‘the individual and society’. Students will acquire substantive knowledge on social and cultural aspects of change. Students are challenged to take a critical and analytical approach to their study. Many of the units provide case studies of social change, and graduates of this major will be equipped with transferable analytical, research and interpersonal skills required for adaptation to rapidly changing work environments.

Refer to Core Program and Electives: Students are advised to take 1 or 2 Core Units, 4-6 units from within Strands A, B & C, with no more than 1 Change Management or Project unit. (Total of 7 units)

Ethics and Human Rights Professional Major
The major in Ethics and Human Rights provides students with the opportunity to develop as socially responsible and responsive practitioners. Dramatic changes in the human condition, such as those already emerging from globalisation and biotechnology, will be a significant feature of life in the twenty-first century. This major will equip students with understandings, skills and strategies that will enable them to address change in ways that optimise outcomes which promote the well-being of individuals and communities. The major is organised around five themes: ‘ethical understandings and theory’, ‘human rights’, ‘identity studies’, ‘ethics and technology’ and ‘ethical practice’.

Refer to Core Program and Electives: Students are advised to take 1 or both Core Units, 5-6 units from either Strand A or B.

Community Studies Professional Major
In the Community Studies major the ‘knowledge explosion’ is addressed by an open-ended teaching and learning approach to equip students to better understand the communities to which they belong from past, present and future perspectives. As students get to know how communities are structured, they consider which holds communities together and what undermines them, and consider how communities can be enhanced. The two strands of the major are ‘community practice’ which encompasses the concept of community and a detailed investigation of community processes, and ‘Australian studies’ which looks specifically at the Australian community and Australia’s relationships with countries around it.

Refer to Core Program and Electives: Students are advised to take 1 or 2 Core Units, 5-6 units from either Strand A or B.

Discipline Sequences
Discipline sequences of six units are available in the following areas:
- Geography
- History
- French
- German
- Indonesian
- Japanese
- Mandarin
- Sociology
- Politics

Minors
All of the interdisciplinary professional majors and discipline sequences are also available to be taken as minors. To complete a minor in one of these areas, students will need to pass any four units from the relevant list.

Example of Full-time Course Structure

Year 1, Semester 1
- Core unit (major)
- Core unit (major)
- Core unit (major or skills)
- Core unit (major or skills)

Year 1, Semester 2
- Major unit
- Major unit
- Co-major unit* / Professional major / Discipline sequence

Year 2, Semester 1
- Major unit
- Co-major unit* / Professional major / Discipline sequence
- Co-major unit* / Professional major / Discipline sequence
- Core unit (research methods)

Year 2, Semester 2
- Major unit
- Co-major unit* / Professional major / Discipline sequence
- Elective unit
- Core unit (research methods)

Year 3, Semester 1
- Major unit
- Co-major unit* / Professional major / Discipline sequence
- Core unit (internship)
- Core unit (internship)

Year 3, Semester 2
- Major unit
- Co-major unit* / Professional major / Discipline sequence
- Elective unit
- Elective unit

* or second professional major or discipline sequence

Core Program

First Year Core: International and Global Studies
HHB110 Introduction To International And Global Studies
HHB111 Issues In International And Global Studies

First Year Core: Society and Change
HHB105 Exploring Change
HHB104 Understanding Society: Intro. To Sociology

First Year Core: Ethics and Human Rights
HHB114 Introduction To Human Rights And Ethics
HHB115 Human Identity And Change

First Year Core: Community Studies
HHB106 Australian Society And Culture
HHB103 Contemporary Social And Community Issues

First Year Core: Skills Units
HHB116 Applied Skills And Scholarship
HHB117 Introduction To Social Research Methods

Second Year Core: Research Methods
HHB224 Qualitative Research Methods
HHB232 Survey Methods
HHB121 Interpreting The Past
HHB312 Geographical Research Design

Third Year Core: Internship
HHB330 Internship Program

Electives - International and Global Studies

Professional Major
Strand A - Global Perspectives
HHB107 World Regions
HHB226 Consuming Cultures
HHB241 Gender and Globalisation
HHB263 Politics Of Globalisation
HHB269 Ethics, Technology And The Environment
HHB310 Globalisation And Social Theory
HHB311 Colonial Fantasies And Postcolonial Identities
HHB331 Advanced Seminar
HHB315 Sex And Drugs In South-East Asia
HHB248 The USA and The Asia Pacific Region
HHB223 Islam and Islamic Societies

Strand B - International Studies
HHB245 Australia And The South Pacific
HHB238 Asian Cultures And Societies
HHB260 Nations And Nationalism In Modern Europe
HHB229 Windows On Japan
HHB246 Modern China

Language Studies/International and Global Studies
Upon consultation with the Languages coordinator, students may select one language unit as an elective in the International & Global Studies Strand.

Students may also undertake a Combined Major in Languages/International and Global Studies, comprising:
1 Introductory Unit
2 Elective units, preferably one from each strand
4 units in a chosen language

Electives - Society and Change Professional Major

Strand A - The Individual and Society
HHB102 The Human Condition
HHB113 Interpersonal Communication
HHB268 Vulnerable Identities
HHB234 Sociological Theory
HHB233 Sex, Gender And Society
HHB236 Virgins, Saints And Sinners: Sociology Of Religion
HHB235 Identities: The Body, Technology & Cyberspace
HHB225 Political Sociology
HHB230 Political Behaviour
HHB240 Sociology Of Crime And Deviance

Strand B - Environment, Society and Change
HHB226 Consuming Cultures
HHB127 Environment and Society
HHB228 Environmental Hazards
HHB251 Australian Resource Management
HHB231 Health, Society And Environment
HHB210 Indigenous Australia: Country, Kin And Culture

Strand C - Societies in Transition
HHB257 The Classical World
HHB261 Medieval Europe
HHB258 Foundations of Modern Europe
HHB315 Sex And Drugs In South-East Asia
HHB253 Conspiracy And Dissent In Australian History
HHB242 Pacific Culture Contact
HHB259 War And Revolution In Europe 1914-1945
HHB249 Social Movements In Australia
HHB262 Political Ideologies
HHB315 Sex And Drugs In South-East Asia
HHB253 Conspiracy And Dissent In Australian History

Change Management and Project Units
HHB212 Community Work
HHB213 Social Policy Processes
HHB214 Team Practice and Group Processes
HHB329 Advanced Project

Electives - Ethics and Human Rights Professional Major

Strand A - Ethical Understanding and Theory
HHB265 The Just Society
HHB267 Feminism And Ethics
HHB271 Ethical Theory

Strand B - Human Rights
HHB274 Human Rights: International And Regional Activism
HHB275 Human Rights: Australian Activism

Strand C - Identity Studies
HHB268 Vulnerable Identities
HHB272 Composing Identities: The Artistry Of Living

Strand D - Ethics and Technology
HHB269 Ethics, Technology And The Environment
HHB270 Gene Technology And Ethics
HHB273 Reshaping Life And Death

Strand E - Ethical Practice
HHB264 Public And Professional Ethics
HHB266 Ethical Decision Making
HHB338 Researching Applied Ethics

Electives - Community Studies Professional Major

Strand A - Community Practice
HHB100 Introduction To Human Services
HHB113 Interpersonal Communication
HHB203 Aged Services: Introduction
HHB204 Child And Family Services: Introduction

HHB205 Corrective Services: Introduction
HHB206 Disability Services: Introduction
HHB207 Services To Young People: Introduction
HHB212 Community Work
HHB214 Team Practice and Group Processes
HHB215 Crisis And Conflict Resolution
HHB216 The Human Dimensions Of Space

Strand B - Australian Studies
HHB109 Australian Historical Studies
HHB112 Australian Politics
HHB210 Indigenous Australia: Country, Kin And Culture
HHB237 Brisbane in the Twentieth Century
HHB245 Australia And The South Pacific
HHB249 Social Movements In Australia
HHB250 Australian Geographical Studies
HHB251 Australian Resource Management
HHB253 Conspiracy And Dissent In Australian History
HHB123 Indigenous Australian Cultural Studies
HHB255 Indigenous Politics And Political Culture
HHB275 Human Rights: Australian Activism

Discipline Major - Geography

Elective Units - Environment and Resources
HHB227 Environment And Society
HHB228 Environmental Hazards
HHB251 Australian Resource Management
HHB269 Ethics, Technology And The Environment
HHB241 Gender and Globalisation

Elective Units - Regional Studies
HHB250 Australian Geographical Studies
HHB229 Windows On Japan
HHB244 Southeast Asia In Focus

Other Geography Electives
HHB312 Geographical Research Design
HHB232 Survey Methods
PSB631 Geographic Information Systems 1
PSB655 Remote Sensing
PSB443 Population and Urban Studies
NRB100 Environmental Science
DBP414 Regional and Metropolitan Policy

Discipline Major - History

Elective Units - Modern Histories
HHB238 Asian Cultures And Societies
HHB260 Nations And Nationalism In Modern Europe
HHB245 Australia And The South Pacific
HHB122 Colonialism And Independence In Asia Pacific
HHB239 Korean Culture And Societies
HHB248 The USA And The Asia Pacific Region
HHB256 Europe Since 1945
HHB259 War And Revolution In Europe 1914-1945
HHB315 Sex And Drugs In South-East Asia
HHB237 Brisbane in the Twentieth Century
HHB242 Pacific Culture Contact
HHB243 The Pacific Since 1945
HHB246 Modern China
HHB253 Conspiracy And Dissent In Australian History
HHB311 Colonial Fantasies And Postcolonial Identities

Elective Units - Pre-modern Histories
HHB257 The Classical World
HHB258 Foundations of Modern Europe
HHB261 Medieval Europe

Discipline Major - Languages

French
HHB061 French 1
HHB062 French 2
HHB063 French 3
HHB064 French 4
HHB065 French 5
HHB066 French 6
HHB067 French 7
HHB068 French 8
HHB069 French 9
HHB070 French 10
HHB060 French For The Tourism Industry

German
HHB091 German 1
HHB092 German 2

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HHB093 German 3
HHB094 German 4
HHB095 German 5
HHB096 German 6
HHB097 German 7
HHB098 German 8

Indonesian
HHB071 Indonesian 1
HHB072 Indonesian 2
HHB073 Indonesian 3
HHB074 Indonesian 4
HHB075 Indonesian 5
HHB076 Indonesian 6
HHB077 Indonesian 7
HHB078 Indonesian 8

Japanese
HHB081 Japanese 1
HHB082 Japanese 2
HHB083 Japanese 3
HHB084 Japanese 4
HHB085 Japanese 5
HHB086 Japanese 6
HHB087 Japanese 7
HHB088 Japanese 8

Mandarin
HHB050 Mandarin For Chinese
HHB051 Introductory Mandarin 1
HHB052 Introductory Mandarin 2

Overseas Units - All Languages
HHB056 International Intensive Program
HHB057 International Summer School Or Equivalent
HHB058 In-Country Study - A
HHB059 In-Country Study - B

Discipline Major - Sociology
Elective Units - Sociology
HHB234 Sociological Theory
HHB233 Sex, Gender And Society
HHB232 Survey Methods
HHB236 Virgins, Saints And Sinners: Sociology Of Religion
HHB226 Consuming Cultures
HHB231 Health, Society And Environment
HHB224 Qualitative Research Methods
HHB225 Political Sociology
HHB240 Sociology Of Crime And Deviance
HHB310 Globalisation And Social Theory
HHB235 Identities: The Body, Technology & Cyberspace
HHB216 The Human Dimensions Of Space
HHB223 Islam and Islamic Societies

Discipline Major - Political Studies
Electives - Political Studies
HHB249 Social Movements In Australia
HHB263 Politics Of Globalisation
HHB232 Survey Methods
HHB225 Political Sociology
HHB230 Political Behaviour
HHB255 Indigenous Politics And Political Culture
HHB265 The Just Society
HHB262 Political Ideologies
HHB213 Social Policy Processes
HHB224 Qualitative Research Methods

Bachelor of Social Science (HH03)
Award title: Bachelor of Social Science
CRICOS code: 001819D
Location: Carseldine
Course duration (full-time): 3 years
Course duration (part-time): 6 years
Total credit points: 288
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Dr Bob Lonne

Course Requirements
Students are required to complete the first year program as follows:

- HHB116 Applied Skills and Scholarship
- Two Foundation Units
- Two to three Introductory Units
- Two to three Elective Units

Students are REQUIRED to complete (over their entire course):
- 6 Social Science Skills Units
- 1 (7 unit) Primary Major

Students must ENSURE that:
- They maintain a 50% enrolment in the units that are HHB-coded until they have completed eight units;
- That a minimum of 12 of the total of 24 course units must be chosen from units that are HHB-coded.

Students who enter the course with advanced standing should discuss their enrolment with the Course Coordinator.

Part-time Students - Year 1
During their first year, part-time students normally enrol in four units.

Example of Course Structure for Full-time Students

Year 1, Semester 1
- Foundation Unit (List A)
- Course Foundation Unit or HHB116
- Course Foundation Unit (Primary Major) (List B)
- Elective Unit

Year 1, Semester 2
- Foundation Unit (List A)
- Course Foundation Unit or HHB116
- Course Foundation Unit (Secondary Major) (List C or other Faculty)
- Elective Unit

Year 2, Semester 1
- Major 1
- Major 2
- Major 2
- Elective Unit

Year 2, Semester 2
- Major 1
- Major 1
- Major 2
- Major 2
- Elective Unit

Year 3, Semester 1
- Major 1
- Major 1
- Major 1
- Major 2
- Elective Unit

Year 3, Semester 2
- Major 1
- Major 2
- Major 2
- Elective Unit

Year 1 - Part-time Students
During their first year part-time students normally enrol in four units.

List A: Foundation Units

List A - Foundation Units
HHB106 Australian Society And Culture
HHB210 Indigenous Australia: Country, Kin And Culture
HHB114 Introduction To Human Rights And Ethics
HHB103 Contemporary Social And Community Issues
HHB105 Exploring Change

Additional First Year Requirement
HHB116 Applied Skills And Scholarship

List B: Introductory Units
Primary Major Study Areas
Applied Ethics
HHB115 Human Identity And Change
Geography and Environmental Studies
HHB107 World Regions
International and Global Studies
HHB110 Introduction To International And Global Studies
<table>
<thead>
<tr>
<th>Political Studies</th>
<th>HBB112</th>
<th>Australian Politics</th>
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<tbody>
<tr>
<td>Sociology</td>
<td>HBB104</td>
<td>Understanding Society: Intro To Sociology</td>
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<tr>
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HHB117 Introduction To Social Research Methods
HHB211 Casework And Case Management
HHB213 Social Policy Processes
HHB214 Team Practice and Group Processes
HHB210 Indigenous Australia: Country, Kin And Culture
HHB215 Crisis And Conflict Resolution
HHB212 Community Work
HHB203 Aged Services: Introduction
HHB204 Child And Family Services: Introduction
HHB205 Corrective Services: Introduction
HHB206 Disability Services: Introduction
HHB207 Services To Young People: Introduction

Languages
French
HHB061 French 1
HHB062 French 2
HHB063 French 3
HHB064 French 4
HHB065 French 5
HHB066 French 6
HHB067 French 7
HHB068 French 8
HHB069 French 9
HHB070 French 10
HHB060 French For The Tourism Industry

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HHB091 German 1
HHB092 German 2
HHB093 German 3
HHB094 German 4
HHB095 German 5
HHB096 German 6
HHB097 German 7
HHB098 German 8
HHB071 Indonesian 1
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HHB074 Indonesian 4
HHB075 Indonesian 5
HHB076 Indonesian 6
HHB077 Indonesian 7
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HHB081 Japanese 1
HHB082 Japanese 2
HHB083 Japanese 3
HHB084 Japanese 4
HHB085 Japanese 5
HHB086 Japanese 6
HHB087 Japanese 7
HHB088 Japanese 8
HHB070 Mandarin 1
HHB051 Introductory Mandarin 1
HHB052 Introductory Mandarin 2

Bachelor of Social Science (HH04)

Award title: Bachelor of Social Science
CRICOS code: 001819D
Location: Carseldine
Course duration (full-time): 3 years
Course duration (part-time): 6 years
Total credit points: 288
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Dr Bob Lonne

Course Requirements
Students are required to complete 24 units in total.
Students are required to complete six social science skills units.
Students are required to complete one major from the following:
- Geography and Environment
- Human Services and Social Policy
- Indigenous Perspectives and Issues
- Politics and History
- Sociology

Students may complete up to eight units from outside of the School of Humanities and Human Services
Students are required to maintain a minimum 50% enrolment in HHB units until eight of these units are successfully completed.
Students may complete an optional workplace internship (24 credit points) and/or social science project (24 credit points) in final year.

Part-time students - Year 1
During their first year, part-time students normally enrol in four units.

HH04 - Example of a Course Progression

Year 1, Semester 1
Introductory unit (Major)
Introductory unit (Major)
Introductory unit (Major)
Year 1, Semester 2
Major unit
Major unit
First year social science skills unit

Year 2, Semester 1
Major unit
Social science skills unit
Elective unit or minor unit

Year 2, Semester 2
Major unit
Social science skills unit
Elective unit or minor unit

Year 3, Semester 1
Major unit
Social science skills unit
Internship unit

Year 3, Semester 2
Major unit
Social science skills unit
Social science project unit

Social Science Skills Units

Social Science Skills Units
Students choose a minimum of six units from the following options (with advice that they do a maximum of three at first year level)
First Year Units
HHB113 Interpersonal Communication
HHB116 Applied Skills And Scholarship
HHB117 Introduction To Social Research Methods
HHB121 Interpreting The Past
BSB113 Economics
PYB110 Psychological Research Methods
HHB217 Conflict Management Skills for Professionals
HHB213 Social Policy Processes
HHB214 Team Practice and Group Processes
HHB215 Crisis And Conflict Resolution
HHB220 Intervention Theories And Methods
HHB221 Intervention Processes And Ethics
HHB224 Qualitative Research Methods
HHB232 Survey Methods
HHB264 Public And Professional Ethics
HHB276 Indigenous Knowledge : Research Ethics
HHB312 Geographical Research Design
HHB316 Social Science Project (24cp)

Major Electives

Sociology Major
Introductory Unit:
HHB104 Understanding Society: Intro. To Sociology
<table>
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<tr>
<td>HHB216</td>
<td>The Human Dimensions Of Space</td>
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<td>Islam and Islamic Societies</td>
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### Politics and History Major

**Introductory Unit (Politics)**

**HHB112** Australian Politics

**HHB109** Australian Historical Studies

Students must complete the Introductory Unit plus six Politics/History units from the following:

- Politics Units
- Social Policy Processes
- Qualitative Research Methods
- Political Sociology
- Behavioural Science
- Social Movements In Australia
- Indigenous Politics And Political Culture
- Political Ideologies
- Politics Of Globalisation
- The Just Society
- History Units
- Colonialism And Independence In Asia Pacific
- Brisbane in the Twentieth Century
- Asian Cultures And Societies
- Korean Culture And Societies
- Pacific Culture Contact
- The Pacific Since 1945
- Australia And The South Pacific
- Modern China
- The USA and The Asia Pacific Region
- Conspiracy And Dissent In Australian History
- Europe Since 1945
- The Classical World
- Foundations of Modern Europe
- War And Revolution In Europe 1914-1945
- Medieval Europe
- Nations And Nationalism In Modern Europe
- Colonial Fantasies And Postcolonial Identities
- Sex And Drugs In South-East Asia

### Geography and Environment Major

**Introductory Unit**

**HHB107** World Regions

Students must complete the Introductory Unit plus six Geography and Environment units from the following:

- Environment and Society
- Environmental Hazards
- Windows On Japan
- Gender and Globalisation
- Southeast Asia In Focus
- Australian Resource Management
- Australian Geographical Studies
- Ethics, Technology And The Environment
- Geographical Research Design
- Regional and Metropolitan Policy
- Environmental Science
- Population and Urban Studies
- Geographic Information Systems I
- Remote Sensing

### Indigenous Perspectives and Issues Major

**Introductory Unit**

**HHB123** Indigenous Australian Culture Studies

**HHB210** Indigenous Australia: Country, Kin And Culture

**HHB255** Indigenous Politics And Political Culture

**HHB276** Indigenous Knowledge: Research Ethics and Protocols

### Minor Electives

#### Peace and Conflict Resolution Minor

Students choose four electives from the following units:

- Issues In International And Global Studies
- Introduction To Human Rights And Ethics
- Crisis And Conflict Resolution
- Conflict Management Skills for Professionals
- Intervention Theories And Methods

#### Gender and Sexuality Minor

Students choose four electives from the following units:

- Sex, Gender And Society
- Gender and Globalisation
- Feminism And Ethics
- Gene Technology And Ethics
- Sex Drugs In South-East Asia

#### Bachelor of Social Science (Human Services) (HH02)

**Award title:** Bachelor of Social Science (Human Services)

**CRICOS code:** 001819D

**Location:** Carseldine

**Course duration (full-time):** 3 years

**Course duration (part-time):** 6 years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Marie Knox

**Professional Membership**

Graduates are entitled to apply for membership of the Australian Institute of Welfare and Community Workers.

### Full-time Course Structure

#### Year 1, Semester 1

- **HHB116** Applied Skills And Scholarship
- **HHB123** Indigenous Australian Culture Studies
- **HHB104** Understanding Society: Intro. To Sociology

#### Year 1, Semester 2

- **HHB113** Interpersonal Communication
- **HHB102** The Human Condition
- **HHB103** Contemporary Social And Community Issues

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HUMANITIES AND HUMAN SERVICES

HHB114 Introduction To Human Rights And Ethics
OR Elective Unit (preferably from List A) NOTE: HHB114 must be selected in either Semester 1 or 2.

Year 2, Semester 1
HHB220 Intervention Theories And Methods
HHB201 Initial Professional Practice
   One unit from List B (Introductory Service Units)

Year 2, Semester 2
HHB222 Human Service Practice: Legal Dimension
HHB200 Working In Human Service Organisations
HHB221 Intervention Processes And Ethics
   One unit from List C (Professional Skills Units)

Year 3, Semester 1
One unit from List C (Professional Skills Units)
One unit from List D (Advanced Service Units)
One unit from Lists B or C
Any other elective unit

Year 3, Semester 2
HHB300 Current Developments In Human Services
HHB301 Advanced Professional Practice

Electives (Lists A-D)
List A - Elective Units
HHB106 Australian Society And Culture
HHB110 Introduction To International And Global Studies
HHB111 Issues In International And Global Studies
HHB105 Exploring Change
HHB115 Human Identity And Change
HHB275 Human Rights: Australian Activism
HHB210 Indigenous Australia: Country, Kin And Culture
HHB112 Australian Politics

List B - Introductory Service Contexts Units (Available Semester 1 only)
HHB203 Aged Services: Introduction
HHB204 Child And Family Services: Introduction
HHB205 Corrective Services: Introduction
HHB206 Disability Services: Introduction
HHB207 Services To Young People: Introduction

List C - Professional Skills Units
HHB217 Introduction To Social Research Methods
HHB215 Crisis And Conflict Resolution
HHB212 Community Work
HHB211 Casework And Case Management
HHB213 Social Policy Processes
HHB214 Team Practice and Group Processes
HHB210 Indigenous Australia: Country, Kin And Culture

List D - Advanced Service Contexts Units (Available Semester 1 only)
HHB303 Aged Services: Advanced
HHB304 Child And Family Services: Advanced
HHB305 Corrective Services: Advanced
HHB306 Disability Services: Advanced
HHB307 Services To Young People: Advanced

Part-time Course Structure
Students wishing to study on a part-time basis should consult the timetable and the course coordinator before selecting an enrolment program.
NOTE: it may not be possible to undertake all units in the evening.
Section Three – Course Information

Information Technology

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Courses
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■ Master of Information Technology (Non-IT Graduates) (IT45) ............................................................ 233
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OVERVIEW

QUT's Faculty of Information Technology is one of the leading providers of information technology courses in Australia and is fast becoming internationally renowned for excellence in information technology and research. The Faculty is located at Gardens Point campus and also offers courses at Carseldine campus.

The Faculty comprises two schools:

- School of Information Systems
- School of Software Engineering and Data Communications.

As well as the knowledge gained from many years of running successful courses, Information Technology (IT) at QUT benefits from its close links with business and industry. Representatives of the IT industry are active contributors to the development and continual refinement of courses at QUT. The Faculty also coordinates a very successful Cooperative Education Program with the IT industry. The program offers high achieving IT students the option of completing 10-12 months paid professional experience in an IT organisation.

The Faculty has almost 4000 students, with 30 per cent being international students from some 51 countries, studying our postgraduate and undergraduate courses. We continue to expand with the demand for graduates who can face not just today's challenges, but who can also tackle an unimagined future with confidence and innovation.

The Faculty promotes practical teaching and leadership in applied research that directly benefits industry and the professions. The lecturers are real-world professionals with years of relevant experience.

The Faculty draws on the talents of more than 110 academics, of which 20 per cent come from different countries such as Canada, France, Germany, Holland, Israel, Malaysia, New Zealand, Poland, Singapore, Taiwan, UK, USA, Brazil and China.

SENIOR STAFF

Faculty Office

Dean: Professor K.J. Gough, MSc PhD Well, FNZEI, MIEEE, MACM, MACS
Director of Research: Professor B. Pham, PhD Tas, DipEd Monash, ACM, IEE, ACSC, APRS
Director of Teaching and Learning: Assoc Prof C. Bruce, BA Qld, GradDiplSc MEd(Res) QUT, PhD UNE
Assistant Dean (External Relations): M.G. Roggenkamp, BEd James Cook, DipCompSc MScSt Qld, MACS, MACM, AIEEE
Assistant Dean (Postgraduate Studies): Dr A Anderson, BSc MInfSys Qld, PhD QUT, LMusA
Assistant Dean (Undergraduate Studies): Dr A.B. Tickle, BSc Qld, GradDipMgt CQU, MSc Qld, PhD QUT
Administration Manager: P. Smith, BBus(Com) GradCertEd (HigherEd) QUT

School of Information Systems

Head: Assoc Prof B.A. Underwood, BBus QIT, MS(MIS) Texas Tech, MBA Qld, PhD, FACS, PCP
Deputy Head: H.H. Bentley, CertED Ece, BS(Comp) Manc, MSC Qld, MACS, MACM
Professor: G.G. Gable, DipCompSys NAIT, BCom Alta, MBA W Ontario, PhD Brad, ACS, AIR, IRMA
Assoc Profs: M.Rosemann, MBA, PhD Univ of Münster Germany
G.Stewart, BA DipEd MLitSt (CompSci) Qld, PhD QUT, FACS, PCP, AIMM, MIEEE, MACM
A.Ier Hofstede, MSc PhD KUN

School of Software Engineering and Data Communications

Head: Professor W. Caelli, BSc(Hons) N’cle NSW, PhD ANU, FACS, FTICA, MIEEE
Deputy Head: Assoc Prof M. Looi, BEng(Hons), BAppSc, PhD, MIEEE, MACS, CDec
Professors: E. Dawson, BSc DipEd Wash, MA Syd, MLitSt, MSc Qld, PhD, FTICA, MIEEE, MCMSA, MIACR

Adjunct Professors: D. Longley, BSc(Physics)(Hons) Manc, MSc(Tech) UMIST, PhD Leic, CEng, FIEE, FAIM
G. Mohay, BSc(Hons) WAust, PhD Monash, MACS, MACM, MIEEE

Assoc Profs:

C. Boyd, BSc, PhD Warwick, CMath P. Roe, MEng(Hons) York, PhD Glas, MACM J. Sitte, PhD Uppsala, APS, MINNS, MIEEE

RESEARCH CENTRES

Centre for Information Technology Innovation (CITI)

CITI was established in 2002, bringing together four established research areas, capable of undertaking high-quality integrated and multidisciplinary projects in IT. The main research areas are: Cooperative Information Systems, Information Systems Management, Programming Languages and Systems, Smart Devices, Media Research and Development and Teaching and Learning Innovation.

Director: Assoc Prof M. Rosemann, MBA, PhD Muenster
Phone: +61 7 3864 9486

Information Security Research Centre (ISRC)

ISRC has developed a national and international reputation in all aspects of the security of information systems and networks over the past fifteen years. The Centre has four main research areas: Cryptology, Networks, and Systems Security, Cyber Policy and Law, and Secure Electronic Commerce.

Director: Professor E. Dawson, BSc DipEd Wash, MA Syd, MLitSt MSc Qld, PhD, FTICA, MIEEE, MCMSA, MIACR
Phone: +61 7 3864 2846
Master of Information Technology (IT Graduates) (IT40)

Award title: Master of Information Technology (Study Area A)
CRICOS code: 003776E
Location: Gardens Point
Course duration (full-time): 3 semesters
Course duration (part-time): 6 semesters
Total credit points: 144
Course coordinator: Dr Alison Anderson

Articulation
Students who complete the Graduate Diploma (96 credit points) are eligible for admission to the Masters and are only required to undertake an additional four units to meet the requirements for the Masters degree.

Course Structure
To graduate from the Master of IT, students are required to complete 12 units (144 credit points), with the majority made up of advanced units.

Students can exit the Master of IT with a Graduate Diploma in IT after completion of 96 credit points, with the majority made up of advanced units.

Course Structure

Intermediate Level Units
With the approval of the Course Coordinator students seeking skills in a new IT specialisation can select up to two (2) units from the following list of units.
- ITN218 Applications Programming
- ITN222 Business Systems Analysis
- ITN223 4GL Systems
- ITN225 Java for E-Commerce
- ITN227 Web Applications
- ITN228 Enterprise Systems
- ITN241 Information Technology Management
- ITN266 Principles Of Information Management
- ITN660 Data Structures and Algorithms
- ITN661 Object Oriented Programming
- ITN662 Software Engineering
- ITN663 Information Security Management
- ITN664 Operating Systems
- ITN665 Computer Network Management
- ITN667 Internet Protocols and Services

Advanced Level 1 Units
- ITN220 Issues In IT Management
- ITN233 Enterprise Systems Applications
- ITN244 Special Topic 1A (Record Systems)
- ITN245 R/3 Systems Administration
- ITN252 Process Engineering
- ITN255 Knowledge Management
- ITN257 Multimedia Systems
- ITN260 E-Commerce Site Development
- ITN262 E-Commerce Technologies
- ITN263 Web Intelligence For E-Commerce
- ITN272 Information Technology Project Management
- ITN670 Security Technologies
- ITN671 Wireless Networks
- ITN673 Computer Forensics
- ITN676 Software Quality Management
- ITN677 Internationalisation of Software

Students are permitted to select up to two (2) units from the following list of undergraduate units, to be included towards their Advanced Level 1 Unit requirements.
- ITB232 Database Systems
- ITB236 Object-Oriented Analysis And Design
- ITB254 Interactivity Design
- ITB256 Special Topic 2A (Strategic Telework)
- ITB258 ABAP Programming
- ITB264 Information Systems Consulting
- ITB267 Data Warehousing For Decision Support
- ITB268 Management of Network Systems
- ITB269 Artificial Intelligence
- ITB641 Component and Network Applications
- ITB642 Web Application Development
- ITB643 Unix Systems Programming

ITB644 Windows Administration
ITB645 Network Security
ITB646 Cryptographic Fundamentals
ITB647 Advanced Programming Technology
ITB648 Graphics
ITB649 Object Modelling and Games Design
ITB650 Computational Intelligence

Advanced Level 2 Units
- ITN100 Research Methodology
- ITN235 Distributed Object Information Systems
- ITN253 Case Studies In Enterprise Systems
- ITN259 Advanced Multimedia Systems
- ITN268 Special Topic (Inf Sys)
- ITN269 Special Topic (Inf Sys)
- ITN680 Web Services
- ITN681 Trusted Systems and Networks
- ITN682 Advanced Cryptology
- ITN683 Compiler Construction
- ITN684 Pattern Recognition and Data Mining

Project Units
Students in the Masters may complete a maximum of 48 credit points in project units. Students in the Graduate Diploma may completed a maximum of 24 credit points in project units. Advanced Level 1 project units are 12 and 24 credit points. Advanced Level 2 project units are 48 credit points.
- ITN246 Minor Project 1 (IS)
- ITN248 Minor Project 2 (IS)
- ITN674 Minor Project 1 (SEDC) - 12cps
- ITN675 Minor Project 2 (SEDC) - 12cps
- ITN162 Project (IS)
- ITN678 Project (SEDC) - FT - 24cps
- ITN172 Project (IS) (Part- Time)
- ITN679 Project (SEDC) - PT - 24cps
- ITN142 Major Project (IS) Full-time
- ITN685 Major Project (SEDC) - FT - 48cps
- ITN152 Major Project (IS) Part-time
- ITN686 Major Project (SEDC) - PT - 48cps

All ITN6XX units are subject to final approval

Master of Information Technology (Non-IT Graduates) (IT45)

Award title: Master of Information Technology
CRICOS code: 003776E
Location: Gardens Point
Course duration (full-time): 3 semesters
Course duration (part-time): 6 semesters
Total credit points: 144
Course coordinator: Dr Alison Anderson

Course Structure
To graduate from the Master of Information Technology (IT45) students are required to complete 12 units including our Compulsory Basic Units and a minimum of three advanced Units.

To exit the Masters course with a Graduate Diploma in IT, students are required to complete eight units, consisting of four Compulsory Basic Units, plus four Intermediate or Advanced Level 1 Units.

Articulation
Students who successfully complete the Graduate Diploma (96 credit points) are eligible for admission to the Masters and are only required to undertake an additional four units to meet the requirements for the Masters degree.

Course Structure

Basic Units
- ITN200 Database Systems
- ITN201 Enterprise Architecture
- ITN600 Programming Principles
- ITN601 Systems and Networks

Intermediate Level Units
- ITN218 Applications Programming
- ITN222 Business Systems Analysis
- ITN223 4GL Systems

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### Advanced Level 1 Units

- ITN220 Issues In IT Management
- ITN233 Enterprise Systems Applications
- ITN244 Special Topic 1A (Record Systems)
- ITN245 R/3 Systems Administration
- ITN252 Process Engineering
- ITN255 Knowledge Management
- ITN257 Multimedia Systems
- ITN260 E-Commerce Site Development
- ITN262 E-Commerce Technologies
- ITN263 Web Intelligence For E-Commerce
- ITN272 Information Technology Project Management
- ITN670 Security Technologies
- ITN671 Wireless Networks
- ITN673 Computer Forensics
- ITN676 Software Quality Management
- ITN677 Internationalisation of Software

Students are permitted to select up to two (2) units from the following list of undergraduate units, to be included towards their Advanced Level 1 Unit requirements.

- ITB252 Database Systems
- ITB256 Object-Oriented Analysis And Design
- ITB254 Interactivity Design
- ITB256 Special Topic 2A (Strategic Telework)
- ITB258 ABAP Programming
- ITB264 Information Systems Consulting
- ITB267 Data Warehousing For Decision Support
- ITB626 Management of Network Systems
- ITB640 Artificial Intelligence
- ITB641 Component and Network Applications
- ITB642 Web Application Development
- ITB643 Unix Systems Programming
- ITB644 Windows Administration
- ITB645 Network Security
- ITB646 Cryptographic Fundamentals
- ITB647 Advanced Programming Technology
- ITB648 Graphics
- ITB649 Object Modelling and Games Design
- ITB650 Computational Intelligence

### Advanced Level 2 Units

- ITN100 Research Methodology
- ITN235 Distributed Object Information Systems
- ITN253 Case Studies In Enterprise Systems
- ITN259 Advanced Multimedia Systems
- ITN268 Special Topic (Inf Sys)
- ITN269 Special Topic (Inf Sys)
- ITN680 Web Services
- ITN681 Trusted Systems and Networks
- ITN682 Advanced Cryptology
- ITN683 Compiler Construction
- ITN684 Pattern Recognition and Data Mining

**Project Units**

Students in the Masters may complete a maximum of 48 credit points in project units. Students in the Graduate Diploma may complete a maximum of 24 credit points in project units. Advanced Level 1 project units are 12 and 24 credit points. Advanced Level 2 project units are 48 credit points.

- ITN246 Minor Project 1 (IS)
- ITN248 Minor Project 2 (IS)
- ITN674 Minor Project 1 (SEDC) - 12cps
- ITN675 Minor Project 2 (SEDC) - 12cps
- ITN162 Project (IS)
- ITN678 Project (SEDC) - 24cps
- ITN172 Project (IS) (Part-Time)
- ITN679 Project (SEDC) - PT - 24cps

### Master of Information Technology (Research) (IT60)

- **Award title:** Master of Information Technology (Research)
- **CRICOS code:** 020309B
- **Location:** Gardens Point
- **Course duration (full-time):** 1.5 years or 3 semesters
- **Course duration (part-time):** 3 years or 6 semesters
- **Total credit points:** 144
- **Course coordinator:** Assoc Prof Colin Boyd

### Course Design

The length of the program is generally expected to be one-and-a-half years if the candidate enrols as a full time student (including six months of provisional registration) and three years for part time (including one year of provisional registration). Students with second class Honours division A (or better) in an information technology-related course will normally be enrolled in the Master of Information Technology (Research) and complete the degree in one year full-time.

Assessment for the award of Masters by Research is based on a program of supervised research and investigation, culminating in a thesis. Programs may include some coursework in support of the conduct of research and preparation of the thesis. Candidates are required to have regular interaction with supervisors and to participate in scholarly activities such as research seminars and publication.

### Course Structure

**Full-time Course Structure**

A program of research and investigation developed in conjunction with the Principal Supervisor and approved by the Faculty Research Committee (Workload equivalent to 48 credit points per semester)

**Part-time Course Structure**

A program of research and investigation developed in conjunction with the Principal Supervisor and approved by the Faculty Research Committee (Workload equivalent to 24 credit points per semester)

### Graduate Diploma in Information Technology (IT Graduates) (IT35)

- **Award title:** Graduate Diploma in Information Technology (Study Area A)
- **CRICOS code:** 018771J
- **Location:** Gardens Point
- **Course duration (full-time):** 1 years
- **Course duration (part-time):** 2 years
- **Total credit points:** 96
- **Course coordinator:** Dr Alison Anderson

### Course Design

To graduate from the Graduate Diploma in IT, students are required to complete 96 credit points, with the majority made up of advanced units.

### Articulation

Students who successfully complete the Graduate Diploma (96 credit points) are eligible for admission to the Masters and are only required to undertake an additional four units to meet the requirements for the Masters degree.

### Course Structure

**Intermediate Level Units**

With the approval of the Course Coordinator students seeking skills in a new IT specialisation can select up to two (2) units from the following list of units.
INFORMATION TECHNOLOGY

ITN218 Applications Programming
ITN222 Business Systems Analysis
ITN223 4GL Systems
ITN225 Java for E-Commerce
ITN227 Web Applications
ITN228 Enterprise Systems
ITN241 Information Technology Management
ITN266 Principles Of Information Management
ITN660 Data Structures and Algorithms
ITN661 Object Oriented Programming
ITN662 Software Engineering
ITN663 Information Security Management
ITN664 Operating Systems
ITN665 Computer Network Management
ITN667 Internet Protocols and Services

Advanced Level 1 Units
ITN220 Issues In IT Management
ITN235 Enterprise Systems Applications
ITN244 Special Topic 1A (Record Systems)
ITN245 R3 Systems Administration
ITN252 Process Engineering
ITN255 Knowledge Management
ITN257 Multimedia Systems
ITN260 E-Commerce Site Development
ITN262 E-Commerce Technologies
ITN263 Web Intelligence For E-Commerce
ITN272 Information Technology Project Management
ITN670 Security Technologies
ITN671 Wireless Networks
ITN673 Computer Forensics
ITN676 Software Quality Management
ITN677 Internationalisation of Software

Students are permitted to select up to two (2) units from the following list of undergraduate units, to be included towards their Advanced Level 1 Unit requirements.

ITB232 Database Systems
ITB236 Object-Oriented Analysis And Design
ITB254 Interactivity Design
ITB256 Special Topic 2A (Strategic Telework)
ITB258 ABAP Programming
ITB264 Information Systems Consulting
ITB267 Data Warehousing For Decision Support
ITB268 Management of Network Systems
ITB640 Artificial Intelligence
ITB641 Component and Network Applications
ITB642 Web Application Development
ITB643 Unix Systems Programming
ITB644 Windows Administration
ITB645 Network Security
ITB646 Cryptographic Fundamentals
ITB647 Advanced Programming Technology
ITB648 Graphics
ITB649 Object Modelling and Games Design
ITB650 Computational Intelligence

Advanced Level 2 Units
ITN100 Research Methodology
ITN235 Distributed Object Information Systems
ITN253 Case Studies In Enterprise Systems
ITN259 Advanced Multimedia Systems
ITN268 Special Topic (Inf SyS)
ITN269 Special Topic (Inf SyS)
ITN680 Web Services
ITN681 Trusted Systems and Networks
ITN682 Advanced Cryptology
ITN683 Compiler Construction
ITN684 Pattern Recognition and Data Mining

Project - 24 credit points (See Project Units for codes)
Project - 48 credit points (See Project Units for codes)

Graduate Diploma in Information Technology (Non-IT Graduates) (IT38)

Award title: Graduate Diploma in Information Technology
CRICOS code: 018771J
Location: Gardens Point
Course duration (full-time): 2 semesters
Course duration (part-time): 4 semesters
Total credit points: 96

Course coordinator: Dr Alison Anderson

Course Structure
To graduate from the Graduate Diploma in Information Technology (IT38) students are required to complete eight units (96 credit points), consisting of four Compulsory Basic Units, plus four Intermediate or Advanced Level 1 Units.

Intermediate Level Units
ITN218 Applications Programming
ITN222 Business Systems Analysis
ITN223 4GL Systems
ITN225 Java for E-Commerce
ITN227 Web Applications
ITN228 Enterprise Systems
ITN241 Information Technology Management
ITN266 Principles Of Information Management
ITN660 Data Structures and Algorithms
ITN661 Object Oriented Programming
ITN662 Software Engineering
ITN663 Information Security Management
ITN664 Operating Systems
ITN665 Computer Network Management
ITN667 Internet Protocols and Services

Advanced Level 1 Units
ITN220 Issues In IT Management
ITN233 Enterprise Systems Applications
ITN244 Special Topic 1A (Record Systems)
ITN245 R3 Systems Administration
ITN252 Process Engineering
ITN255 Knowledge Management
ITN257 Multimedia Systems
ITN260 E-Commerce Site Development
ITN262 E-Commerce Technologies
ITN263 Web Intelligence For E-Commerce
ITN272 Information Technology Project Management
ITN670 Security Technologies
ITN671 Wireless Networks
ITN673 Computer Forensics
ITN676 Software Quality Management
ITN677 Internationalisation of Software

Students are permitted to select up to two (2) units from the following list of undergraduate units, to be included towards their Advanced Level 1 Unit requirements.

ITB232 Database Systems
ITB236 Object-Oriented Analysis And Design
ITB254 Interactivity Design
ITB256 Special Topic 2A (Strategic Telework)
ITB258 ABAP Programming
ITB267 Data Warehousing For Decision Support
ITB268 Management of Network Systems
ITB640 Artificial Intelligence

Intermediate Level Units
ITN218 Applications Programming
ITN222 Business Systems Analysis
ITN223 4GL Systems
ITN225 Java for E-Commerce
ITN227 Web Applications
ITN228 Enterprise Systems
ITN241 Information Technology Management
ITN266 Principles Of Information Management
ITN660 Data Structures and Algorithms
ITN661 Object Oriented Programming
ITN662 Software Engineering
ITN663 Information Security Management
ITN664 Operating Systems
ITN665 Computer Network Management
ITN667 Internet Protocols and Services

Advanced Level 1 Units
ITN220 Issues In IT Management
ITN233 Enterprise Systems Applications
ITN244 Special Topic 1A (Record Systems)
ITN245 R3 Systems Administration
ITN252 Process Engineering
ITN255 Knowledge Management
ITN257 Multimedia Systems
ITN260 E-Commerce Site Development
ITN262 E-Commerce Technologies
ITN263 Web Intelligence For E-Commerce
ITN272 Information Technology Project Management
ITN670 Security Technologies
ITN671 Wireless Networks
ITN673 Computer Forensics
ITN676 Software Quality Management
ITN677 Internationalisation of Software

Students are permitted to select up to two (2) units from the following list of undergraduate units, to be included towards their Advanced Level 1 Unit requirements.

ITB232 Database Systems
ITB236 Object-Oriented Analysis And Design
ITB254 Interactivity Design
ITB256 Special Topic 2A (Strategic Telework)
ITB258 ABAP Programming
ITB267 Data Warehousing For Decision Support
ITB268 Management of Network Systems
ITB640 Artificial Intelligence
### Information Technology

**Course Structure - Full-time**

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>ITN200 Database Systems</th>
<th>ITN019 Component and Network Applications</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITN265 Management Of Information Programs</td>
<td>ITB642 Web Application Development</td>
<td></td>
</tr>
<tr>
<td>ITN336 Information Sources 1</td>
<td>ITB639 Unix Systems Programming</td>
<td></td>
</tr>
<tr>
<td>ITN337 Information Organisation 1</td>
<td>ITB644 Windows Administration</td>
<td></td>
</tr>
<tr>
<td><strong>Year 1, Semester 2</strong></td>
<td><strong>ITN201 Enterprise Architecture</strong></td>
<td><strong>ITB645 Network Security</strong></td>
</tr>
<tr>
<td>ITN266 Principles Of Information Management</td>
<td>ITB646 Cryptographic Fundamentals</td>
<td></td>
</tr>
<tr>
<td>ITN338 Information Resources Provision</td>
<td>ITB647 Advanced Programming Technology</td>
<td></td>
</tr>
<tr>
<td>ITN339 Professional Practice</td>
<td>ITB648 Graphics</td>
<td></td>
</tr>
<tr>
<td>One unit selected from the following:</td>
<td>ITB649 Object Modelling and Games Design</td>
<td></td>
</tr>
<tr>
<td>ITN201 Enterprise Architecture</td>
<td>ITB650 Computational Intelligence</td>
<td></td>
</tr>
<tr>
<td>ITN244 Special Topic 1A (Record Systems)</td>
<td>ITN246 Minor Project 1 (IS)</td>
<td></td>
</tr>
<tr>
<td>ITN246 Minor Project 1 (IS)</td>
<td>ITN247 Digital Libraries</td>
<td></td>
</tr>
<tr>
<td>ITN330 Information Issues</td>
<td>ITN674 Minor Project 1 (SEDC) - 12cps</td>
<td></td>
</tr>
<tr>
<td>ITN331 Digital Libraries</td>
<td>ITN675 Minor Project 2 (SEDC) - 12cps</td>
<td></td>
</tr>
</tbody>
</table>

**Articulation**

Students who complete the course with a minimum grade point average of 4.5 (7-point scale) are eligible for admission to the Master of Information Technology (Non-IT graduates) and will receive 96 credit points of exemptions.

**Professional Recognition**

The Graduate Diploma in Library and Information Studies is recognised by the Australian Library and Information Association as fulfilling academic requirements for admission to the association as a professional member.

**Course Structure - Part-time**

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>ITN200 Database Systems</th>
<th>ITN019 Component and Network Applications</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITN265 Management Of Information Programs</td>
<td>ITB642 Web Application Development</td>
<td></td>
</tr>
<tr>
<td>ITN336 Information Sources 1</td>
<td>ITB639 Unix Systems Programming</td>
<td></td>
</tr>
<tr>
<td><strong>Year 2, Semester 1</strong></td>
<td><strong>ITN201 Enterprise Architecture</strong></td>
<td><strong>ITB645 Network Security</strong></td>
</tr>
<tr>
<td>ITN266 Principles Of Information Management</td>
<td>ITB646 Cryptographic Fundamentals</td>
<td></td>
</tr>
<tr>
<td>ITN338 Information Resources Provision</td>
<td>ITB647 Advanced Programming Technology</td>
<td></td>
</tr>
<tr>
<td>ITN339 Professional Practice</td>
<td>ITB648 Graphics</td>
<td></td>
</tr>
<tr>
<td>One unit selected from the following:</td>
<td>ITB649 Object Modelling and Games Design</td>
<td></td>
</tr>
<tr>
<td>ITN201 Enterprise Architecture</td>
<td>ITB650 Computational Intelligence</td>
<td></td>
</tr>
<tr>
<td>ITN244 Special Topic 1A (Record Systems)</td>
<td>ITB646 Minor Project 1 (IS)</td>
<td></td>
</tr>
<tr>
<td>ITN246 Minor Project 1 (IS)</td>
<td>ITB650 Information Issues</td>
<td></td>
</tr>
<tr>
<td>ITN330 Information Issues</td>
<td>ITN335 Digital Libraries</td>
<td></td>
</tr>
</tbody>
</table>

**Bachelor of Information Technology (Honours) (IT28)**

**Award title:** Bachelor of Information Technology (Honours)

**CRICOS code:** 017323G

**Location:** Gardens Point

**Course duration (full-time):** 1 year

**Course duration (part-time):** 2 years

**Total credit points:** 96

**Course coordinator:** Dr Frederic Maire

**The ‘Accelerated’ Honours Program**

The ‘Accelerated Honours’ program has been structured to provide an incentive for high achieving Bachelor of Information Technology (IT21) students to continue into the Faculty’s Honours Program. See IT29 for further information.

**Course structure**

**FULL-TIME**

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>ITN100 Research Methodology</th>
<th>ITN019 Component and Network Applications</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITN150-4 Honours Dissertation</td>
<td>ITB642 Web Application Development</td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td>ITB639 Unix Systems Programming</td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td>ITB644 Windows Administration</td>
<td></td>
</tr>
<tr>
<td><strong>Year 1, Semester 2</strong></td>
<td><strong>ITN150-3 Honours Dissertation</strong></td>
<td><strong>ITB645 Network Security</strong></td>
</tr>
<tr>
<td>ITN150-3 Honours Dissertation</td>
<td>ITB646 Cryptographic Fundamentals</td>
<td></td>
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<tr>
<td>ITN150-4 Honours Dissertation</td>
<td>ITB647 Advanced Programming Technology</td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td>ITB648 Graphics</td>
<td></td>
</tr>
</tbody>
</table>

**PART TIME**

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>ITN100 Research Methodology</th>
<th>ITN019 Component and Network Applications</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITN150-4 Honours Dissertation</td>
<td>ITB642 Web Application Development</td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td>ITB639 Unix Systems Programming</td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td>ITB644 Windows Administration</td>
<td></td>
</tr>
<tr>
<td><strong>Year 2, Semester 2</strong></td>
<td><strong>ITN150-3 Honours Dissertation</strong></td>
<td><strong>ITB645 Network Security</strong></td>
</tr>
<tr>
<td>ITN150-3 Honours Dissertation</td>
<td>ITB646 Cryptographic Fundamentals</td>
<td></td>
</tr>
<tr>
<td>ITN150-4 Honours Dissertation</td>
<td>ITB647 Advanced Programming Technology</td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td>ITB648 Graphics</td>
<td></td>
</tr>
</tbody>
</table>

Election Unit - Students should choose from the list of advanced level postgraduate units. Normally units are undertaken in the area of the student’s undergraduate major. Students wishing to enrol in a unit other than those listed should contact the Course Coordinator.

Full-time students should be aware many electives may be offered evenings only.

**IT Honours Advanced Level PG Units**

| ITN235 Distributed Object Information Systems | ITN253 Case Studies In Enterprise Systems |
| ITN259 Advanced Multimedia Systems | ITN268 Special Topic (Inf Sys) |
| ITN269 Special Topic (Inf Sys) | ITN680 Web Services |
| ITN681 Trusted Systems and Networks | ITN682 Advanced Cryptology |
| ITN683 Compiler Construction | ITN684 Pattern Recognition and Data Mining |

**Bachelor of Information Technology (Honours) - Accelerated Program (IT29)**

**Award title:** Bachelor of Information Technology (Honours)

**CRICOS code:** 017323G

**Location:** Gardens Point

**Course duration (full-time):** 2 semesters

**Total credit points:** 96

**Course coordinator:** Dr Frederic Maire

**Course Structure - Full-time**

<table>
<thead>
<tr>
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<th>ITN361 Information User Instruction</th>
<th>ITN019 Component and Network Applications</th>
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</table>

*Elective
Entry to the program is based on academic performance in the first two years of the Bachelor of Information Technology.

Companies that QUT’s Cooperative Education students have worked with include Energeex, Boeing, CITEC, Global Banking and Securities Transaction, various Queensland Government departments, Dialog, TABQ, RAQ and Sun Microsystems.

Course Outline

Block 1: Common First Year (8 Units)

- Data Communications
- Electronic Commerce
- Information Systems
- Software Engineering

Block 2: Major (12 Units)

- Emerging Technologies
- Data Communications and Information Systems
- Data Communications and Software Engineering

Block 3: General Electives

4 Units for the following majors:
- Data Communications
- Electronic Commerce
- Information Systems
- Software Engineering

2 Units for the following majors:
- Emerging Technologies
- Data Communications and Information Systems
- Data Communications and Software Engineering

Course structure - Common First Year- Full-time

Common First Year, Semester 1
- ITB111 Software Development 1
- ITB113 Systems Architecture
- ITB115 Introduction to Databases
- ITB116 IT Professional Studies 1

Common First Year, Semester 2
- ITB112 Software Development 2
- ITB114 Networking Systems
- ITB117 IT Professional Studies 2
- ITB118 ICT Systems Life Cycle

Course structure - Common First Year- Part-time

Year 1, Semester 1
- ITB111 Software Development 1
- ITB114 Networking Systems

Year 1, Semester 2
- ITB115 Introduction to Databases
- ITB116 IT Professional Studies 1

Year 2, Semester 1
- ITB112 Software Development 2
- ITB117 IT Professional Studies 2

Year 2, Semester 2
- ITB113 Systems Architecture
- ITB118 ICT Systems Life Cycle

Course structure - Data Communications Major - Full-time

Year 2, Semester 1
- ITB610 Software Development 3
- ITB623 Information Security
- ITB624 Internetworking

Year 2, Semester 2
- ITB625 Network Administration
- ITB627 Network Technologies
- ITB629 Network Services

Year 3, Semester 1
- ITB626 Management of Network Systems
- ITB628 Network Planning

Year 3, Semester 2
- Data Communications Elective Unit
- Block 3 Elective Unit

ITB227 Web Applications
Course structure - Electronic Commerce Major - Part-time

Year 3, Semester 1
ITB264 Concurrent and Distributed Systems
ITB617 Unix Systems Programming
ITB643 Unix Systems Programming
ITB646 Cryptographic Fundamentals
Year 4, Semester 1
ITB260 E-Commerce Site Development
ITB261 Electronic Commerce Elective Unit
ITB264 Concurrent and Distributed Systems
ITB617 Unix Systems Programming
Year 5, Semester 1
ITB264 Concurrent and Distributed Systems
ITB643 Unix Systems Programming
ITB646 Cryptographic Fundamentals
Year 6, Semester 1
ITB260 E-Commerce Site Development
ITB261 Electronic Commerce Elective Unit
Electronic Commerce Electives (Select four (4) units)
Advanced Programming
Software Development 3
Object Technology
Advanced Programming Technology
Commercial Applications
Applications Programming
4GL Systems
ABAP Programming
Component Technology

Course structure - Electronic Commerce Major - Full-time

Year 2, Semester 1
ITB227 Web Applications
ITB623 Information Security
ITB228 Enterprise Systems
Electronic Commerce Elective Unit
Year 2, Semester 2
ITB222 Business Systems Analysis
ITB624 InterNetworking
Electronic Commerce Elective Unit
Block 3 Elective Unit (Business Studies)
Year 3, Semester 1
ITB229 Information Systems Modelling
ITB260 E-Commerce Site Development
Electronic Commerce Elective Unit
Block 3 Elective Unit (Business Studies)
Year 3, Semester 2
BSB213 Legal Issues in Electronic Business
Electronic Commerce Elective Unit
Block 3 Elective Unit (Business Studies)
Electronic Commerce Electives (Select four (4) units)
Advanced Programming
Software Development 3
Object Technology
Advanced Programming Technology
Commercial Applications
Applications Programming
4GL Systems
ABAP Programming
Component Technology

Note: Students who complete the Cooperative Education Program will substitute ITS010 for a DAT elective unit.

Course structure - Data Communications Major - Part-time

Year 3, Semester 1
ITB264 Internetworking
MAB209 Mathematics for Software Communication
Year 3, Semester 2
ITB610 Software Development 3
ITB623 Information Security
Year 4, Semester 1
ITB627 Network Technologies
ITB628 Network Planning
Year 5, Semester 1
ITB272 Information Technology Project Management
ITB617 Concurrent and Distributed Systems
ITB643 Unix Systems Programming
ITB646 Cryptographic Fundamentals
Year 6, Semester 1
Block 3 Elective Unit
Block 3 Elective Unit
Year 6, Semester 2
Block 3 Elective Unit
Block 3 Elective Unit
Data Communications (DAT) Elective Units (3 units to be selected)
Even Years - DAT Evening Electives
Semester 1
ITB272 Information Technology Project Management
ITB617 Concurrent and Distributed Systems
ITB643 Unix Systems Programming
ITB646 Cryptographic Fundamentals
Semester 2
ITB644 Windows Administration
ITB227 Web Applications
Odd Years - DAT Evening Electives
Semester 1
ITB272 Information Technology Project Management
ITB617 Concurrent and Distributed Systems
ITB643 Unix Systems Programming
ITB646 Cryptographic Fundamentals
Semester 2
ITB227 Web Applications
ITB645 Network Security
Note: ITB651 Project is available every semester day/evening

Course structure - Data Communications Major - Full-time

Year 2, Semester 1
ITB227 Web Applications
ITB623 Information Security
ITB228 Enterprise Systems
Electronic Commerce Elective Unit
Year 2, Semester 2
ITB222 Business Systems Analysis
ITB624 InterNetworking
Electronic Commerce Elective Unit
Block 3 Elective Unit (Business Studies)
Year 3, Semester 1
ITB229 Information Systems Modelling
ITB260 E-Commerce Site Development
Electronic Commerce Elective Unit
Block 3 Elective Unit (Business Studies)
Year 3, Semester 2
BSB213 Legal Issues in Electronic Business
Electronic Commerce Elective Unit
Block 3 Elective Unit (Business Studies)
Electronic Commerce Electives (Select four (4) units)
Advanced Programming
Software Development 3
Object Technology
Advanced Programming Technology
Commercial Applications
Applications Programming
4GL Systems
ABAP Programming
Component Technology

Note: Students who complete the Cooperative Education Program with substitute ITS010 for a DAT elective unit.
Course structure - Emerging Technologies Major - Full-time

Year 2, Semester 1
ITB222 Business Systems Analysis
OR
ITB612 Software Engineering Principles
IT21 Block 2 Unit
IT21 Block 2 Unit
Emerging Technologies Elective Unit

Year 2, Semester 2
IT21 Block 2 Unit
IT21 Block 2 Unit
IT21 Block 2 Unit
Emerging Technologies Elective Unit

Year 3, Semester 1
ITB272 Information Technology Project Management
MGB223 Creating New Enterprises
OR#
MGB218 Venture Skills
Emerging Technologies Elective Unit
Emerging Technologies Elective Unit
# Students are only required to complete either MGB223 or MGB218

Year 3, Semester 2
ITB240 Project (Information Systems)
OR
ITB651 Project 1
Emerging Technologies Elective Unit
Emerging Technologies Elective Unit

Year 4, Semester 1
Emerging Technologies Elective Unit
IT21 Block 2 Unit

Year 4, Semester 2
Emerging Technologies Elective Unit
IT21 Block 2 Unit

Year 5, Semester 1
ITB272 Information Technology Project Management
Emerging Technologies Elective Unit

Year 5, Semester 2
ITB240 Project (Information Systems)
OR
ITB651 Project 1
Emerging Technologies Elective Unit

Year 6, Semester 1
Emerging Technologies Elective Unit
Emerging Technologies Elective Unit

Emerging Technology Electives (EMT) (minimum of five (5) units to be selected)
Information Systems
ITB233 Enterprise Systems Applications
ITB236 Object-Oriented Analysis And Design
ITB241 Information Technology Management
ITB243 Knowledge-Based Systems
ITB245 R/3 Systems Administration
ITB254 Interactivity Design
ITB257 Multimedia Systems
ITB258 ABAP Programming
ITB260 E-Commerce Site Development
ITB262 E-Commerce Technologies
ITB263 Web Intelligence For E-Commerce
ITB264 Information Systems Consulting
ITB267 Data Warehousing For Decision Support
Software Engineering and Data Communications
ITB268 Management of Network Systems
ITB270 Software Engineering
ITB271 Software Engineering And Data Communications
ITB272 Information Technology Project Management
ITB278 Information Technology Project Management

Course structure - Information Systems Major - Full-time

Year 2, Semester 1
ITB218 Applications Programming
ITB227 Web Applications
ITB229 Information Systems Modelling
Year 2, Semester 2
ITB222 Business Systems Analysis
ITB228 Enterprise Systems
Information Systems Elective Unit
Block 3 Elective Unit

Year 3, Semester 1
ITB232 Database Systems
ITB241 Information Technology Management
Information Systems Elective Unit
Block 3 Elective Unit

Year 3, Semester 2
ITB240 Project (Information Systems)
Information Systems Elective Unit
Block 3 Elective Unit

Information Systems Electives (4 units to be selected)
Database Systems Area
ITB223 4GL Systems
ITB267 Data Warehousing For Decision Support
ITB268 Special Topic 1B (Advanced Databases)
E-Commerce Area
ITB266 Management Of Information Programs
ITB260 E-Commerce Site Development
ITB262 E-Commerce Technologies
ITB263 Web Intelligence For E-Commerce
Enterprise Systems Area
ITB235 Enterprise Systems Applications
ITB245 R/3 Systems Administration
Block 3 Elective Unit
ITB258 ABAP Programming
Information Management Area
ITB266 Principles Of Information Management
ITB322 Information Resources
ITB330 Information Issues
ITB341 Strategic Information And Knowledge Management
ITB244 Special Topic 1A (Record Systems)
Information Resources Area
ITB265 Management Of Information Programs
ITB266 Principles Of Information Management
ITB322 Information Resources
ITB330 Information Issues
ITB335 Digital Libraries
ITB337 Information Organisation 1
ITB338 Information Resource Provision
ITB339 Professional Practice
IT Management & Consulting Area
ITB264 Information Systems Consulting
ITB272 Information Technology Project Management
Multimedia Area
ITB254 Interactivity Design
ITB257 Multimedia Systems
Block 3 Elective Unit
ITB259 Advanced Multimedia Technologies
Programming Area
ITB223 4GL Systems
ITB258 ABAP Programming
Unassigned Units
ITB230 Project
ITB236 Object-Oriented Analysis And Design
ITB243 Knowledge-Based Systems
ITB256 Special Topic 2A (Strategic Telework)
Students who complete the Cooperative Education Program substitute
ITS010 for ITB240
Students seeking ALIA recognition are required to complete eight units
within Information Resources Area, using both the 4 ISS Elective units
and 4 Block 3 Elective Units

Course Structure - Information Systems Major - Part-time
Year 3, Semester 1
ITB222 Business Systems Analysis
ITB228 Enterprise Systems
ITB227 Web Applications
ITB229 Information Systems Modelling
Year 4, Semester 1
Information Systems Elective Unit
Block 3 Elective Unit

Year 4, Semester 2
ITB218 Applications Programming
ITB232 Database Systems

Year 5, Semester 1
Information Systems Elective Unit
Block 3 Elective Unit

Year 5, Semester 2
ITB241 Information Technology Management
Information Systems Elective Unit

Year 6, Semester 1
ITB240 Project (Information Systems)
Block 3 Elective Unit

Year 6, Semester 2
Information Systems Elective Unit
Block 3 Elective Unit

Course structure - Software Engineering Major – Full-time
Year 2, Semester 1
ITB610 Software Development 3
ITB616 Computer Architecture
ITB624 Internetworking
MAB209 Mathematics for Software Communication

Year 3, Semester 1
ITB613 Advanced Programming Laboratory
ITB614 Programming Languages
Software Engineering Elective Unit
Block 3 Elective Unit

Year 3, Semester 2
Software Engineering Elective Unit
Software Engineering Elective Unit
Block 3 Elective Unit

Software Engineering (SOF) Elective Units (three (3) units to be selected)
Students should plan their elective selection as far ahead as possible,
taking into account the fact that some of the following units are
oscillating offerings (alternate Day/Evening in alternate years
ITB640 Artificial Intelligence
ITB641 Component and Network Applications
ITB642 Web Application Development
ITB643 Unix Systems Programming
ITB644 Windows Administration
ITB647 Advanced Programming Technology
ITB648 Graphics
ITB649 Object Modelling and Games Design
ITB650 Computational Intelligence
ITB651 Project 1
ITB272 Information Technology Project Management
Students who complete the Cooperative Education Program will substitute
ITS010 for ITB613

Course structure - Software Engineering Major - Part-time
Year 3, Semester 1
ITB624 Internetworking
MAB209 Mathematics for Software Communication

Year 3, Semester 2
ITB610 Software Development 3
ITB616 Computer Architecture

Year 4, Semester 1
ITB611 Object Technology
ITB612 Software Engineering Principles
ITB614 Programming Languages

Year 4, Semester 2
ITB613 Advanced Programming Laboratory
ITB614 Programming Languages
Software Engineering Principles

Year 5, Semester 1
ITB617 Concurrent and Distributed Systems
Block 3 Elective Unit

Year 5, Semester 2
SOF Elective Unit
Block 3 Elective Unit

Year 6, Semester 1
SOF Elective Unit
Block 3 Elective Unit

Year 6, Semester 2
SOF Elective Unit
### Course structure - Integrated Majors - Data Communications & Information Systems - Full-time

**Year 2, Semester 1**
- ITB218 Applications Programming
- ITB227 Web Applications
- ITB624 Internetworking
- MAB209 Mathematics for Software Communication

**Year 2, Semester 2**
- ITB222 Business Systems Analysis
- ITB228 Enterprise Systems
- ITB627 Network Technologies
- ITB629 Network Services

**Year 3, Semester 1**
- ITB229 Information Systems Modelling
- ITB232 Database Systems
- ITB623 Information Security
- ITB625 Network Administration

**Year 3, Semester 2**
- DCI Elective Unit
- DCI Elective Unit
- Block 3 Elective Unit
- Block 3 Elective Unit

**DCI Elective Units (two (2) to be selected)**
- ITB260 E-Commerce Site Development
- ITB263 Web Intelligence For E-Commerce
- ITB272 Information Technology Project Management
- ITB617 Concurrent and Distributed Systems
- ITB643 Unix Systems Programming
- ITB644 Windows Administration
- ITB645 Network Security
- ITB646 Cryptographic Fundamentals
- ITB651 Project 1

**Course structure - Integrated Majors - Data Communications & Information Systems - Part-time**

**Year 3, Semester 1**
- ITB222 Business Systems Analysis
- ITB624 Internetworking

**Year 3, Semester 2**
- ITB227 Web Applications
- ITB623 Information Security

**Year 4, Semester 1**
- ITB229 Information Systems Modelling
- MAB209 Mathematics for Software Communication

**Year 4, Semester 2**
- ITB232 Database Systems
- ITB627 Network Technologies

**Year 5, Semester 1**
- ITB228 Enterprise Systems
- ITB625 Network Administration

**Year 5, Semester 2**
- ITB218 Applications Programming
- DCI Elective Unit

**Year 6, Semester 1**
- ITB629 Network Services
- Block 3 Elective Unit

**Year 6, Semester 2**
- DCI Elective Unit
- Block 3 Elective Unit

### Course structure - Data Communications & Software Engineering - Full-time - (Gardens Point Campus)

**Year 2, Semester 1**
- ITB610 Software Development 3
- ITB616 Computer Architecture
- ITB624 Internetworking
- MAB209 Mathematics for Software Communication

**Year 2, Semester 2**
- ITB611 Object Technology
- ITB612 Software Engineering Principles
- ITB627 Network Technologies
- ITB629 Network Services

**Year 3, Semester 1**
- ITB613 Advanced Programming Laboratory
- ITB617 Concurrent and Distributed Systems
- ITB623 Information Security
- ITB625 Network Administration

**Year 3, Semester 2**
- CDC Elective Unit
- CDC Elective Unit
- Block 3 Elective Unit
- Block 3 Elective Unit

**CDC Elective Units**
- Please note some of the following units are oscillating offerings (alternate Day/Evening in alternate years)

**Year 4, Semester 1**
- ITB617 Concurrent and Distributed Systems
- MAB209 Mathematics for Software Communication

**Year 4, Semester 2**
- ITB616 Computer Architecture
- ITB627 Network Technologies

**Year 5, Semester 1**
- ITB611 Object Technology
- ITB625 Network Administration

**Year 5, Semester 2**
- ITB613 Advanced Programming Laboratory
- CDC Elective Unit

**Year 6, Semester 1**
- ITB629 Network Services
- Block 3 Elective Unit

**Year 6, Semester 2**
- CDC Elective Unit
- Block 3 Elective Unit

### Course structure - Data Communications & Software Engineering - Part-time - Gardens Point campus

**Year 3, Semester 1**
- ITB612 Software Engineering Principles
- ITB624 Internetworking

**Year 3, Semester 2**
- ITB610 Software Development 3
- ITB623 Information Security

**Year 4, Semester 1**
- ITB617 Concurrent and Distributed Systems
- MAB209 Mathematics for Software Communication

**Year 4, Semester 2**
- ITB616 Computer Architecture
- ITB627 Network Technologies

**Year 5, Semester 1**
- ITB611 Object Technology
- ITB625 Network Administration

**Year 5, Semester 2**
- ITB613 Advanced Programming Laboratory
- CDC Elective Unit

**Year 6, Semester 1**
- ITB629 Network Services
- Block 3 Elective Unit

**Year 6, Semester 2**
- CDC Elective Unit
- Block 3 Elective Unit

### Course structure - Full-time - (Carseldine Campus)

**Year 2, Semester 1**
- Students commencing major in 2004
- ITB610 Software Development 3
- ITB616 Computer Architecture
- ITB624 Internetworking
- MAB209 Mathematics for Software Communication

**Year 2, Semester 2**
- ITB611 Object Technology
- ITB612 Software Engineering Principles
- ITB627 Network Technologies
- ITB629 Network Services

**Year 3, Semester 1**
- ITB614 Programming Languages
- ITB623 Information Security
- ITB641 Component and Network Applications
- Block 3 Elective Unit
INFORMATION TECHNOLOGY

Year 3, Semester 2
ITB613 Advanced Programming Laboratory
ITB617 Concurrent and Distributed Systems
ITB625 Network Administration
Block 3 Elective Unit

Year 3, Semester 1
Students who commenced major in 2003
ITB616 Computer Architecture
ITB641 Component and Network Applications
MAB209 Mathematics for Software Communication
Block 3 Elective Unit

Year 3, Semester 2
ITB613 Advanced Programming Laboratory
ITB623 Information Security
ITB627 Network Technologies
Block 3 Elective Unit

Course structure - Mid Year intake - Full-time
Year 1, Semester 2
ITB111 Software Development 1
ITB114 Networking Systems
ITB115 Introduction to Databases
ITB116 IT Professional Studies 1

Year 2, Semester 1
ITB112 Software Development 2
ITB113 Systems Architecture
ITB117 IT Professional Studies 2
ITB118 ICT Systems Life Cycle

Course structure - Mid Year intake - Part-time
Year 1, Semester 2
ITB113 Systems Architecture
ITB116 IT Professional Studies 1

Year 3, Semester 1
ITB111 Software Development 1
ITB115 Introduction to Databases

Year 2, Semester 1
ITB114 Networking Systems
ITB117 IT Professional Studies 2

Year 2, Semester 2
ITB112 Software Development 2
ITB118 ICT Systems Life Cycle
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Law

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OVERVIEW
The QUT Faculty of Law is Australia’s largest tertiary educator in Law and Justice Studies. The Faculty is an acknowledged leader in its field and provides a sound balance of practical and theoretical training, which enables graduates to progress into the real world with ease. The Faculty consists of the School of Law, the School of Justice Studies and the Legal Practice Unit.

The Faculty’s teaching and learning programs develop legal research and analysis skills within contextual and conceptual frameworks. Additionally, a global approach to education is adopted which includes international visiting scholars, exchange programs for staff and students, and offshore programs.

The Faculty is continually striving for excellence in teaching and learning in response to the demands of its graduates, their employers, professional bodies and the practising professions. The Bachelor of Laws keeps abreast of the changing and challenging demands of a modern and relevant legal education while the Bachelor of Justice provides students with more flexibility and a greater degree of specialisation.

Other initiatives to enhance the quality of students’ tertiary legal and justice education are online teaching delivery and curriculum design for graduate capability development. The Faculty’s online teaching sites offer students flexibility in the delivery of course content by providing electronic access to course materials and other Internet resources, together with greater opportunities for communication between academic staff and students. The Faculty is also an acknowledged leader in curriculum design for graduate capability attainment. In both law and justice programs, teaching and learning environments have been developed which integrate opportunities for students to develop both generic and discipline specific skills. The Law Faculty has also established the first specially designed electronic moot court in the southern hemisphere.

A feature that sets QUT apart as the University for the Real World is its liaison and collaboration with the legal profession and justice industries. Emphasis on real world experience, projects and case studies is an essential part of QUT education. The Faculty offers undergraduate study through the Bachelor of Laws and Bachelor of Justice courses. A range of double degree programs are also available, offering the Bachelor of Laws in conjunction with the Bachelor of Justice or with a bachelor degree in Applied Science, Arts, Business, Creative Industries, Journalism or Information Technology.

A three-year accelerated Bachelor of Laws program is available for students who already hold a bachelor degree in another discipline. These students may also have the opportunity to select their elective units from the Law School’s postgraduate program and graduate concurrently with a Graduate Certificate in Law.

The Faculty offers a range of postgraduate study options, including graduate certificate and graduate diploma courses, masters degrees by coursework or research, and doctoral programs. Many of these courses provide students with the opportunity to build on relevant undergraduate study or professional experience, and develop their expertise in a specialist area. The Faculty also offers the State’s longest running and most established professional legal training course for solicitor’s admission. Bachelor of Laws graduates who wish to be admitted as solicitors can complete the Graduate Diploma in Legal Practice, in 24 weeks full-time or one year part-time.

The Faculty of Law achieves consistently high graduate employment rates which support its position as one of Australia’s leading law faculties. The Law School prepares students for careers in law firms, government and other industries. The School of Justice Studies produces graduates with qualifications for employment in policing, justice, defence, security and other social justice areas.

Some of Australia’s foremost legal researchers are located within the QUT Faculty of Law. Key research areas include:
- Technology law
- Commercial and property law
- Biotechnology and medical law
- Constitutionalism and human rights
- Criminal law and criminal justice
- Organised crime and corruption investigation
- Security management
- Legal and justice education
- Electronic courtroom practice
- Women, children and the law
- Courts and dispute resolution
- Legal theory, applications and practice.

SENIOR STAFF
Faculty Office
Dean: Professor M. Cope, BA(Hons) LLM Qld, Barrister

Administration Manager: Mr W.A. Smith, BA(Hons) Syd, GradDipCourt & Parliamentary Reporting Canb

Assistant Dean (Acting), Research: Professor S.G. Corones, BCom LLB Qld, LLM Lond, PhD Qld

Assistant Dean, Teaching and Learning: Associate Professor S. Kift, LLB Qld, LLM QUT, Solicitor (Qld & NT), Barrister (NT), Legal Practitioner (High Court of Australia)

Assistant Dean, External Relations and Commercial Activities: Professor W.D. Duncan, LLB Qld, LLM Lond, Solicitor

Law School
Head: Professor B. Fitzgerald, BA Griff, LLM(Hons) QUT, BCL Oxon, LLM Harv, Barrister (Qld and High Court of Australia)

Professors:
B. Collier, BA LLB Qld, LLM Melb
S.G. Corones, BCom LLB Qld, LLM Lond, PhD Qld
S.A. Christensen, LLB (Hons) LLM QUT, Solicitor (Qld), Gadens Professor in Property Law
W.D Duncan, LLB Qld, LLM Lond, Solicitor
D.E. Fisher, LLB MA PhD Edin
W.B. Lane, LLB Syd, LLM Melb, Clayton Utz Professor of Public Law

Associate Professors:
D.A. Butler, LLB (Hons) PhD QUT, Solicitor (Qld and High Court of Australia)
S. Kift, LLB Qld, LLM QUT, Solicitor (Qld & NT), Barrister (NT), Legal Practitioner (High Court of Australia)
L. Willmott, BCom LLB (Hons) Qld, LLM Camb

Legal Practice
Director: Mr A.J. Chay, LLB LLM Qld, Solicitor

Justice Studies
Head of School (Acting): Dr B. Carpenter, BHMS(Hons) Qld, PhD Griff
Doctor of Juridical Science (LW50)

Award title: Doctor of Juridical Science
CRICOS code: 012652J
Location: Gardens Point and Kelvin Grove
Course duration (full-time): 1 1/2 Years (minimum)
Course duration (part-time): 3 years (minimum)
Total credit points: 288
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Assistant Dean, Research

Award
The SJD will be awarded subject to the Faculty of Law Academic Board receiving:
(i) a certificate of satisfactory completion of the candidate’s approved course of study signed by the Principal Supervisor and the Assistant Dean, Research;
(ii) a declaration signed by the candidate that he/she has not been a candidate for another tertiary award during the tenure of his/her SJD candidature;
(iii) a declaration signed by the candidate stating original authorship of a thesis;
(iv) a certificate signed by the Principal Supervisor, and Assistant Dean, Research stating that the candidate has satisfactorily completed the examination process, including completing any revisions or re-examination required by the external examiners; and
(v) two final copies of the thesis in the prescribed format.

For the purposes of these Rules the Assistant Dean, Research acts as the delegate of the Dean, Faculty of Law and Faculty of Law Research Committee acts as the delegate of the Law Academic Board.

1. Entry Requirements
1.1 The Faculty of Law Research Committee may admit to candidature an applicant who:
(i) holds or has completed the requirements for the degree of (a) Bachelor of Laws or (b) Bachelor of Justice with at least Second Class Honours Division A at the Queensland University of Technology or its equivalent from another institution; or
(ii) holds or has completed the requirements for the degree of (a) Master of Laws by Coursework or (b) Master of Arts (Justice Studies) with a grade point average of at least 5.0 on a 7 point scale at the Queensland University of Technology or its equivalent from another institution which, in the opinion of the Assistant Dean (Research) maintains standards comparable with those required for the award of the degree of Master of Laws and Master of Arts (Justice Studies) respectively at the Queensland University of Technology;

and, in the case of (i) or (ii) an applicant must also satisfy the following:
(iii) has a minimum of two years professional experience appropriate to the proposed course of study; and
(iv) that the applicant can demonstrate a level of research experience and potential which is deemed acceptable to the Assistant Dean (Research) for example, by the publication of articles in refereed research journals; and
(v) can demonstrate a sufficient command of the English language to complete the proposed course of study in that language.

1.2 Alternative Entry
In exceptional circumstances, applicants with lesser academic qualifications but with exemplary professional experience may be given provisional enrolment on the approval of the Assistant Dean, Research. Applicants seeking entry under this rule would normally have completed a three-year bachelor level degree from the Queensland University of Technology or another recognised institution. In addition, in order to assess the adequacy of the professional experience of the applicant, they will be required to address the following criteria as it relates to the proposed area of research:
(i) evidence of professional leadership
(ii) quality of academic achievement
(iii) evidence of professional involvement in research and/or consultancy
(iv) referees reports

2. Application Procedure
2.1 An application for admission shall be made on the prescribed form (PR/FR Form) which shall involve a two-stage process.

2.2 Stage 1 of the application process must include:
• the completion of the PR Form for admission (if the applicant holds citizenship or permanent residency in Australia or New Zealand);
• the completion of the FR Form for admission (if the applicant is an international candidate);
• a certified copy of the results of the degree relied upon for admission;
• personal data;
• details of relevant research experience. (In the case of a candidate relying upon a Master of Laws by Coursework for admission, this criterion may be satisfied if the student demonstrates that they have completed the unit Advanced Legal Research at a grade of 5 or above at the Queensland University of Technology or some equivalent unit from a comparable institution during the course of their masters studies or can demonstrate other relevant research experience, e.g. by publication. In the case of a candidate relying upon a Master of Arts (Justice Studies) for admission, the candidate shall demonstrate that she or he has undertaken either a unit in that course or as part of the requirements for the completion of a Bachelor of Justice Studies (Honours) a unit in the area of research methodology at a grade of 5 or above or some equivalent unit from a comparable institution during the course of Masters studies or can demonstrate relevant research experience, e.g. by publication). Where an applicant cannot satisfy this criteria by way of completion of an advanced research unit or publications as set out above, the applicant will be required to undertake the unit Advanced Legal Research or Advanced Information Retrieval Skills or an equivalent unit from a comparable institution during their candidature; and
• a brief outline (200-300 words) of the project to be undertaken;
• the proposed coursework program to be undertaken;
• details of any relevant professional experience (applicants entering under alternative entry provisions must address the criteria in 1.2 above); and
• any other information the candidate considers relevant in support of the application.

2.3 Where a candidate’s qualification for admission is other than a Bachelor or Master of Laws from the Queensland University of Technology, or an equivalent degree, the candidate must undertake research in a field of criminology or other area of Justice Studies approved by the Assistant Dean (Research).

2.4 The application is to be approved by the Faculty Research Committee which will determine whether the applicant meets the criteria for admission or, if deficiencies exist, identify them and how they might be remedied.

2.5 Candidature shall be deemed to have commenced on the date of admission being the date of the approval of the application by the Faculty Research Committee except in the case of international students. International students shall be deemed to have commenced candidature on the date of enrolment.

2.6 Within two months of commencement of the thesis component for full-time students (up to four months for part-time and international candidates) and after consultation with
advanced study and research, comprising 96 credit points of component (66%). Candidates will pursue an approved course of 3.1 The degree comprises both a coursework (33%) and a thesis notable contribution to professional knowledge and practice in. One of the units studied for the coursework requirements must be candidate will also pursue a thesis in accordance with Rule 9. equivalent institution at a grade point average of at least 5. The application and interpretation of existing knowledge and practice. completed a planned research program that should result in a supervisors shall be confirmed. Those candidates admitted under alternative entry provisions) and the appointment of the enrolment on the approval of the Assistant Dean, Research for approval by the Faculty Research Committee. 2.8 If the Stage 2 application is not submitted within the time specified, the Assistant Dean, Research may, on the advice of the Faculty Research Committee and the Principal Supervisor, terminate the candidature. In exceptional cases, upon a written request stating reasons for delay, an extension of up to a further one month for full-time candidates or two months for part-time candidates may be granted to meet the requirements of Stage 2. 2.9 The Faculty Research Committee shall, as part of the approval of the Stage 2 process, confirm: the proposed topic of research is consistent with the aims of the School; and the Head of School is willing and able to provide appropriate accommodation, facilities and financial resources necessary for the proposed study for the duration of candidature. 2.10 Upon approval by the Faculty Research Committee of the Stage 2 Application the applicant will be admitted to candidature unconditionally (except for those being admitted under alternative entry provisions) and the appointment of the supervisors shall be confirmed. Those candidates admitted under alternative provisions will continue on provisional enrolment until such time as the requirements of this enrolment have been fulfilled (refer to 4). 3. Studies during the Candidature A candidate for the degree of SJD is required to successfully complete a planned research program that should result in a notable contribution to professional knowledge and practice in the field of study. This contribution may be in the form of new knowledge in practice, or of significant and original adaptation, application and interpretation of existing knowledge and practice. 3.1 The degree comprises both a coursework (33%) and a thesis component (66%). Candidates will pursue an approved course of advanced study and research, comprising 96 credit points of coursework selected from within the unit offerings for the LLM by Coursework or the MA(Justice Studies) by Coursework (as appropriate) at the Queensland University of Technology or an equivalent institution at a grade point average of at least 5. The candidate will also pursue a thesis in accordance with Rule 9. One of the units studied for the coursework requirements must be Advanced Legal Research, or Advanced Information Retrieval Skills, or an equivalent unit from a comparable institution, together with any other unit or units deemed necessary by the Law Faculty Research Committee. For the purposes of this rule, completion of a unit in the area of research methodology as part of the MA(Justice Studies) or Bachelor of Justice (Honours) at a grade point average of 5 will be deemed equivalent to completion of Advanced Legal Research. 3.2 Candidates must successfully complete all coursework requirements at the appropriate standard prior to commencing the thesis. As far as possible, the topic of the thesis should extend the coursework component. Whilst enrolled in the coursework component of the degree all policies and procedures relevant to the Master of Laws by Coursework or the Master of Arts (Justice Studies), as the case may be, form part of these rules. 3.3 The planned research program will normally include participation in university scholarly activity such as research seminars, teaching and publication; regular interaction with supervisors; and a program of supervised research and investigation. 3.4 The course of study must be such to enable a candidate to acquire competence in relevant methods of research and scholarship relating to the subject of the proposed investigation and to demonstrate sustained independent research effort. 3.5 The Faculty of Law Research Committee may on the recommendation of the Assistant Dean (Research) approve a variation in the candidate’s course of study and research, an application for variation must be supported in writing by the Principal Supervisor.

4. Provisional Enrolment Applicants with lesser academic qualifications but with exemplary professional experience may be given provisional enrolment on the approval of the Assistant Dean, Research (refer to rule 1.2). 4.1 A candidate so admitted shall be required to complete designated qualifying units at a grade point average of at least 5 on a 7 point scale. The designated qualifying units will include the unit LWN048 or equivalent as stipulated by the Assistant Dean, Research on the advice of the Faculty Research Committee. 4.2 A candidate who completes coursework units at a satisfactory level during the period of provisional enrolment will be permitted to count that coursework towards the degree. 4.3 Unless exceptional circumstances justify extension of provisional status, the stipulated enrolment program must be completed within one calendar year from enrolment in the course. 4.4 If an extension to the provisional enrolment period is required application should be made in writing to the Assistant Dean, Research setting out the exceptional circumstances. In any event, the period of extension of provisional enrolment shall be no more than six months.

5. Advanced Standing and Articulation 5.1 Advanced standing up to a maximum of 96 credit points may be granted to candidates who have completed the Master of Laws by Coursework or Master of Arts (Justice Studies) at the Queensland University of Technology, or its equivalent at another institution, at a grade point average of at least 5 on a 7 point scale. 5.2 Where a candidate has undertaken part of a postgraduate degree deemed to be equivalent to the Master of Laws by Coursework or Master of Arts (Justice Studies), that candidate may be granted advanced standing provided that the work for which a candidate seeks credit has been completed at a grade point average of at least 5 on a 7 point scale. 5.3 The Doctor of Juridical Science will fully articulate with the Master of Laws (Research) and Master of Arts (Justice Studies) by Research.

5.4 In exceptional circumstances, a student exiting prior to completion of the program may be eligible to receive the award of Master of Laws by Coursework or Master of Arts (Justice Studies) if this has not previously been awarded. In such cases, these courses normally attract up-front tuition fees, students exiting in this way will be liable for any fees which would otherwise have been payable. Payment of any such fees is required to be made before conferral of the degree.
6. Period of Time for Completion of Program

6.1 The minimum period of candidature is:
- Full-time candidates - eighteen months from date of commencement;
- Part-time candidates - thirty-six months from date of commencement;

In exceptional cases the Law Faculty Research Committee may approve submission of the thesis within a shorter period.

6.2 The maximum period of candidature is:
- Full-time candidates - forty-eight months from date of commencement;
- Part-time candidates - ninety-six months from date of commencement;

6.3 The candidate may change from full-time to part-time candidature or vice versa by making application on a prescribed form to the Faculty Research Committee through the office of the Assistant Dean, Research. International students studying on student visas are unable to alter their mode of study from full-time to part-time unless they are in their final semester of study.

6.4 A candidate who does not expect to submit his/her thesis by the maximum candidature date must apply for an extension of time on the prescribed form (SJD3) through the Assistant Dean, Research for consideration by the Faculty Research Committee. The application must include the reasons for the delay, written endorsement of the request for extension by the Principal Supervisor and a revised timeline for completion. Applications for extensions will not normally be considered by the Faculty Research Committee unless the reasons for the delays have been documented in previous supervisor’s reports. Extensions will only be given in exceptional circumstances. Minor breakdown of computer equipment or absence of a Principal Supervisor are not usually considered exceptional.

7. Candidate May Take Leave of Absence for a Specified Period from the Program

7.1 Application must be made on the prescribed form (SJD4) through the Assistant Dean, Research and approved by the Faculty Research Committee. The application must include reasons for the leave of absence, the written endorsement of the Principal Supervisor and the exact start and finish dates of the period of leave. If the leave is approved, the duration of the specified time will be added to the maximum and minimum submission dates of the candidature. International students studying on student visas are not normally permitted to take leave of absence unless there are exceptional circumstances, eg bereavement. International students should consult the Assistant Dean, Research and Office of International Students if a period of leave is required.

7.2 The maximum period of leave of absence for which a candidate may be given approval (for any reasons) is twelve months for a full-time candidate and twenty-four months for a part-time candidate.

8. Supervision

8.1 Supervision shall be conducted according to the QUT Code of Good Practice for Postgraduate Research Studies and Supervision (MOPP Appendix 66).

8.2 A Principal Supervisor from QUT and one Associate Supervisor shall be appointed.

8.3 The Principal Supervisor has responsibility for supervising a candidate on a frequent basis and must be a current member of the QUT staff or an emeritus professor of QUT still active in research. The Principal Supervisor shall normally have undertaken successful supervision of research degree candidates, and shall have an established research record in the area of the proposed project.

8.4 The Associate Supervisor may be a member of the QUT staff but must possess appropriate expertise in the research field and would normally be a person who has undertaken successful supervision of research degree candidates.

8.5 Where the Principal Supervisor is absent from QUT for a period of three consecutive months or longer during the period of candidature, the Associate Supervisor (if that person is a QUT staff member) will normally become the Acting Principal Supervisor for this period.

8.6 If the Principal Supervisor leaves the staff of QUT, the QUT Associate Supervisor will normally fill the role of Acting Principal Supervisor immediately until a new Principal Supervisor is appointed by the Faculty Research Committee in consultation with the candidate. A formal appointment of a new Principal Supervisor must be made within three months of the original Principal Supervisor’s departure.

9. Confirmation of Candidature

9.1 Within six months of commencement of the thesis component for full-time candidates and twelve months for part-time candidates, the candidate shall present (in consultation with his/her supervisors) a plan of the research program for the remainder of the candidature and report of the work done to that tie. The confirmation report form (SJD5) shall incorporate a substantial literature review and shall provide evidence of the research capacity of the candidate including the rate of progress to date. The plan shall include details of:
- The area of study in which the candidate’s course is located;
- The nature of participation in scholarly activities in the Centre in which the degree is being undertaken;
- The objectives of the program of research and its relationship to published research in the same field;
- Research methods followed and to be followed;
- The title of the thesis; and
- A timeline for completion of the research program.

9.2 The candidate shall present the confirmation report and details of the research program at a Confirmation Seminar open to the public.

9.3 A candidate who is not able to complete a Conformation of Candidature within the timeframe required must apply for an extension at least one month in advance of that deadline through the Assistant Dean, Research for the Faculty Research Committee. A maximum of three months extension may be granted.

9.4 A Review Panel shall review the candidate’s progress and planned research program and shall make recommendations on Form SJD5 to the Faculty Research Committee. These recommendations shall include:
- An appraisal of the candidate’s progress and suitability for continuation of the program;
- Documents prepared by the candidate;
- A statement that the research program is of a standard required for an SJD;
- A statement of whether the studies continue to be within the aims and objectives and physical and human resources of the Centre; and
- A report on the candidate’s seminar.

9.5 The Faculty Research Committee will, if satisfied:
- Confirm the candidature and notify the candidate; or
- May require changes to the planned research program; or
- If the recommendation is not to confirm the candidature immediately, place the candidate under review for three months. At the end of the review period the Assistant Dean, Research must advise the Faculty Research Committee whether the conditions of review have been met.

9.6 Where a candidate is placed under review following the Confirmation Seminar, the Principal Supervisor must advise the candidate in writing within seven days of the conditions to be met, in the form of clear written guidelines of the work required and due dates for submission and whether a further Confirmation.
Seminar is required. The conditions must be endorsed by the candidate, the supervisor (supervisors), Director of the Centre and Assistant Dean, Research.

9.7 Where a candidate’s progress remains unsatisfactory after the review period, the Faculty Research Committee, on advice from the Assistant Dean, Research shall either grant a further extension of the period of up to three months or may ask the candidate to show cause in writing why action should not be taken to terminate the candidature.

10. Reporting Procedures

10.1 The Principal Supervisor and candidate are required to report annually by 30 September on the prescribed form on the candidate’s progress and future plans. Reports shall be signed both by the candidate and by the Principal Supervisor and submitted through the Law Faculty Research Committee to the Office of Research for consideration by the Research Degrees Committee. At its discretion, the Faculty Research Committee may request an additional six monthly report if it has concerns for the candidate’s progress or feels that the candidate would benefit from such process.

10.2 Where a candidate’s progress is deemed satisfactory, the Research Degrees Committee shall approve the continuation of the candidature.

10.3 Where the progress is deemed unsatisfactory, in the Confirmation of Candidature, six monthly report or other interim faculty report, the Research Degrees Committee, on advice from the Faculty Research Committee will normally place a candidate under review for a period of up to three months from the date that the candidate is advised in writing of the decision. The candidate will be advised of the required remedial action to be followed taking account of the advice provided by the Principal Supervisor and the Faculty Research Committee.

10.4 A report on the action taken to resolve the deficiencies in the program must be made to the Faculty Research Committee and the Research Degrees Committee may then approve continuation of candidature if these deficiencies have been redressed and progress is again satisfactory.

10.5 If progress is still unsatisfactory after the review period, the Research Degrees Committee, on the advice of the Faculty Research Committee shall ask the candidate to show cause in writing why the enrolment shall not be terminated.

10.6 When a candidate’s progress has been reported as unsatisfactory in any two consecutive reports during candidature, the Research Degrees Committee shall ask the candidate to show cause in writing why the enrolment of the candidate shall not be terminated.

10.7 If a candidate fails to submit an annual report through their Principal Supervisor to Research Degrees Committee by the due date without applying, in writing, for an extension on the prescribed form two weeks prior to the due date, the Research Degrees Committee may ask the candidate to show cause why the enrolment of the candidate should not be terminated.

10.8 If the candidate does not show cause why the enrolment shall not be terminated, the Research Degrees Committee may terminate the candidate’s enrolment.

11. Thesis Guidelines

11.1 The thesis must be presented in accordance with the requirements of the University, including any accompanying declarations and in accordance with Appendix 51 of the Manual of Policies and Procedures - Requirements for Presenting Theses (MOPP 51). The main body of the text should be between 50,000 and 60,000 words.

11.2 The thesis must be presented in the English language.

11.3 A candidate may submit with the thesis other kinds of relevant material (such as films, audio tape recordings, video tape recordings, CD-ROMS, software programs etc) which shall be accompanied by evidence of the extent to which the candidate has been responsible for their preparation.

11.4 An SJD degree may not be awarded on the basis of the submission of published papers.

11.5 A candidate’s name will not be placed on the graduation list until the final copies of the thesis (one bound and one electronic) are received in the Research Students’ Centre, Office of Research. These copies shall be in the prescribed form as set out in the University Requirements for Presenting Theses and be provided at the candidate’s expense. An additional copy shall be bound at the Faculty’s expense for inclusion in the Faculty Office collection. Any corrections resulting from the examiners’ assessment shall be made prior to binding, and by retyping if they would otherwise be obtrusive.

11.6 When these final copies of the thesis have been lodged with the Research Students’ Centre, Office of Research, the names of examiners will be released to the candidate upon request, providing that the examiner has not indicated otherwise.

12. Examination of Thesis

12.1 At least three months prior to the maximum candidature date or anticipated completion date, the Principal Supervisor having obtained the agreement of the Faculty Committee, shall recommend to the Faculty Research Committee the composition of the proposed Examination Committee and the title of the candidate’s thesis.

12.2 The Examination Committee shall comprise two external examiners who will examine the thesis plus an external examiner to be called upon only if the first two examiners are in disagreement.

12.3 In exceptional circumstances, the University Research Degrees Committee may act directly to facilitate the examination process of a thesis including the appointment of examiners.

12.4 A candidate’s Principal or Associate Supervisor may not be nominated by the Faculty as an examiner.

12.5 Examiners must have demonstrable and substantial publications and research experience in the area under investigation and one examiner would normally have a research degree. At least one of the nominated examiners should be an academic from a recognised university or equivalent research institution. At least one examiner would normally be a specialist practitioner recognised as an expert in the particular field of the research constituting the thesis. Preferably, at least one examiner should also have substantial experience of examining research degree candidates at doctoral level.

12.6 Agreement will be sought from examiners to examine the thesis within eight weeks of receipt.

12.7 If more than six months has elapsed between the nomination of examiners and the submission of the thesis, the faculty must notify the Research Degrees Committee that the nominated examiners are still willing and able to examine the thesis within two months of its receipt. If any previously nominated examiner is unable to examine the thesis, a replacement examiner must be nominated by the Principal Supervisor (with the agreement of the Faculty) for approval by the Research Degrees Committee.

12.8 In order to determine whether the thesis is acceptable for examination by the Examination Committee, the candidate shall be required to present a Final Seminar based on the work described in the thesis to the Faculty to which he/she is attached.

- The final seminar shall normally take place no more than six months prior to the anticipated submission date.

- The Faculty shall constitute a panel of three including the Principal Supervisor to attend the seminar and to report on the readiness of the thesis for external examination. The panel shall be chaired by the Principal Supervisor, and shall question the candidate on the content of the thesis at the conclusion of
the seminar. Each member of the panel must receive a copy of
the draft thesis 14 days prior to the final seminar.
- The panel may required changes to the thesis or ask that further
work be done prior to submission of the thesis. The thesis is
accepted by the University for external examination only when the
panel signifies its belief that the degree requirements have
been met. The Faculty panel shall use the prescribed form
when advising Research Degrees Committee that the thesis is
ready for external examination.
- The final seminar shall be open to the public and shall be
widely advertised by the Faculty so as to ensure attendance by
researchers and research students within the Faculty.
- In all other matters the form and timing of the final seminar is
determined by the Faculty.

12.9 The thesis must be accompanied by a certificate form
(SJD7) endorsed by the Principal Supervisor, Assistant Dean,
Research and the Faculty panel, stating that all reasonable efforts
have been made by the Faculty to ensure that:
- The thesis makes notable contribution to professional
knowledge and practice;
- The methodology applied in the candidate’s research is
effective and appropriate for the thesis topic;
- The thesis reflects competence in the survey of literature and
documentation of statements;
- The thesis is of the required standard for external examination;
- The thesis is within the prescribed word limit;
- The candidate has presented a Final Seminar;
- That acknowledgment is given regarding the inclusion of all
published and other sources of information together with any
substantial financial assistance received for the project.

12.10 In exceptional circumstances the Research Degrees
Committee may allow a candidate to submit his or her thesis for
external examination without the requirement for certification.
The candidate must apply in writing to the Research Degrees
Committee for such permission, outlining reasons why the
certification is not included.

12.11 Three copies of the thesis in the prescribed format must be
submitted to the Research Students’ Centre, Office of Research,
no later than the maximum candidature date.

12.12 The Office of Research, on the advice of the Research
Degrees Committee, shall provide the examiners with a copy of
the thesis and of the Regulations for the Award of the Degree of
the Doctor of Juridical Science and any other relevant
information.

12.13 Each examiner will be asked to provide a written report to
the Office of Research on the candidate’s thesis and to
recommend on the following courses of action:
Recommendation 1: The candidate should be awarded the degree
without the requirement for revision, further examination or
modification (minor corrections and typographical errors only); or
Recommendation 2: The candidate should be awarded the degree
subject to minor nominated revisions being completed to the
satisfaction of the Assistant Dean, Research and Principal
Supervisor; or
Recommendation 3: The candidate should be awarded the degree
following the completion of major nominated revisions to the
satisfaction of the Assistant Dean, Research and Principal
Supervisor; or
Recommendation 4: The candidate should be permitted to
substantially revise and submit the thesis for re-examination
within twelve months after a specified amount of further work,
which may alter the substantive conclusions of the thesis, has
been completed under approved supervision and the thesis
appropriately amended to reflect the additional research; or
Recommendation 5: The thesis should be rejected, the degree
should not be awarded and the candidate should not be permitted
to submit the thesis for re-examination for the degree.

12.14 After both examiners’ reports are received the Office of
Research will forward them to the Assistant Dean, Research, the
Principal Supervisor and the candidate with an appropriate
covering letter. (Until such time as the examination process is
complete the identity of the examiners will be withheld from the
candidate.)

13. Examiners in Agreement
13.1 Where both examiners recommend that the candidate should
be awarded the degree (recommendation 1, 2 or 3), the Assistant
Dean, Research will consult with the Principal Supervisor and
Centre Director to discuss any corrections or revisions that the
candidate may be required to make and where revisions are
required.

13.2 Where corrections or revisions are to be made to the
satisfaction of the Assistant Dean, Research or nominee, the Head
of School or nominee must certify to the Research Degrees
Committee that they recommend acceptance of the thesis in
fulfilment of the conditions for the award of the SJD degree.

13.3 Where both examiners recommend that the thesis be revised
and resubmitted for examination (Examiners Report
Recommendation 4), after consultation with the Principal
Supervisor and the Centre Director, the Assistant Dean, Research
will make written recommendation to the Research Degrees
Committee within seven days of the receipt of the Examiners
Reports listing any revisions required. Once these are approved
by the Research Degrees Committee, the Research Degrees
Committee will inform the candidate of the revisions and/or any
action required.

14. Examiners Not in Agreement
14.1 Where the recommendations of the external examiners are
not in agreement as to whether the thesis should be accepted for
the award of SJD or as to whether the thesis may be revised and
resubmitted, the thesis will be sent to the third nominated
examiner.

14.2 Upon receipt of the third examiner’s report, a majority
decision shall be adopted.

14.3 Where the majority decision is that the thesis be accepted or
that the thesis be rejected, this shall be the decisions of the
examiners as the case may be.

14.4 Where the majority decision is that the candidate be required
to submit for re-examination or the thesis fail, the procedures in
Section 11.3 shall apply.

14.5 Where the recommendation of three examiners clearly differ
and no clear majority exists, the Assistant Dean, Research or
nominee shall liaise with the Principal Supervisor to determine
the further course of action.

15. Re-Examination
15.1 A candidate who is required to submit for re-examination
may be re-examined only once except in the case of an upheld
appeal.

15.2 Re-examination shall take place within twelve months from
the date on which the candidate is advised in writing by the
Assistant Dean, Research or nominee of such re-examination.
The Research Degrees Committee may, on written application by
the candidate and supported by the Principal Supervisor and
Centre Director with suitable justification, approve an extension
to this period which, under normal circumstances, may be a
maximum of a further twelve months.

15.3 A candidate who is required to submit his/her thesis for re-
examination must re-enrol in the SJD program.

15.4 The thesis shall be re-examined by the same two examiners
unless:
15.5 Examiners re-examining a thesis will be asked to provide a written report on the candidate’s thesis and to recommend one of the following courses of action:

(a) the candidate should be awarded the degree with or without minor nominated revisions; or
(b) the candidate should be awarded the degree a masters level with or without minor nominated revisions; or
(c) the thesis should be rejected and the degree should not be awarded.

15.6 Regulations applicable to SJD examination shall apply to the re-examination.

16. Appeals
16.1 A candidate whose thesis has failed may lodge an appeal against the outcome of the examination process.
16.2 The grounds for appeal may be on matters of process only, ie procedural irregularities in the conduct of the examination or documented evidence of examiner bias as evidenced by comments in the examiners reports.
16.3 An appeal must be lodged within sixty (60) days of the date of written advice from the Office of Research on the outcome of the examination. This appeal must include the specific grounds on which the appeal is based.
16.4 Appeals must be submitted in writing to the Office of the Pro-Vice-Chancellor (Research and Advancement). The Director, Postgraduate Research Studies, will determine whether a potential conflict of interest exists in relation to his/her consideration of the appeal.
16.5 In cases where a conflict of interest exists, the Director, Postgraduate Research Studies, will appoint a member of academic staff, with expertise in research candidate supervision, to consider the appeal.
16.6 The Director, Postgraduate Research Studies, or appointee will decide whether a case exists and may seek the advice of the Faculty, school or centre/research concentration as appropriate.
16.7 The appeal may be allowed or dismissed. If an appeal is allowed, the Director, Postgraduate Research Studies, or appointee cannot recommend that the degree be awarded but shall recommend that that thesis be re-examined. This re-examination shall be carried out in accordance with the Section 6.143 taking account of the issues raised in the successful appeal.
16.8 The Director, Postgraduate Research Studies, or appointee will make a determination on the appeal as soon as practicable and will advise appellants, in writing, of the result of the appeal.

Course Structure
Full-time Course Structure, Year 1, Semesters 1 & 2
Coursework units selected from the list of available units in the Master of Laws (by Coursework) or Master of Justice to the value of 48 credit points per semester

Part-time Course Structure, Year 1, Semesters 1 & 2
LWR003  48 credit points of research per semester

Full-time Course Structure, Year 2, Semesters 1 & 2
Coursework units selected from the list of available units in the Master of Laws (by Coursework) or Master of Justice to the value of 48 credit points per semester

Part-time Course Structure, Year 2, Semesters 1 & 2
LWR003  24 credit points of research per semester

Full-time Course Structure, Year 3, Semesters 1 & 2
LWR003  24 credit points of research per semester

Part-time Course Structure, Year 4, Semesters 1 & 2
LWR003  24 credit points of research per semester

Full-time Course Structure, Year 5, Semesters 1 & 2
LWR003  24 credit points of research per semester

Part-time Course Structure, Year 6, Semesters 1 & 2
LWR003  24 credit points of research per semester

Master of Justice (Research) (JS52)
Award title: Master of Arts (Justice Studies) (Research)
CRICOS code: 020310J
Location: Kelvin Grove
Course duration (full-time): 1 year
Course duration (part-time): 2 years
Total credit points: 96
Course coordinator: Dr Belinda Carpenter

1. Award
1.1 The following rules apply to the degree of Master Justice to be obtained by research and thesis awarded by the Queensland University of Technology, and are made with the authority of the Academic Board of this University.
1.2 For the purposes of these Rules the Course Coordinator acts as the delegate of the Dean, Faculty of Law, and the Faculty of Law Research Committee acts as the delegate of the Law Academic Board.

2. Entry Requirements
The following persons shall be eligible to apply for admission as a student for the degree:
2.1 A person who has completed the requirements for the degree of Bachelor of Justice (Honours) of QUT, or
2.2 A person who has completed the requirements for the Graduate Certificate from the School of Justice Studies of QUT, or
2.3 A qualification that is deemed equivalent and possesses appropriate research skills or substantial professional experience in the proposed field of research as deemed appropriate by the Course Coordinator, or
2.4 Professional publications, etc that the Course Coordinator and the Faculty Research Committee accept as proof of a students advanced knowledge and research ability in the proposed field of research.

3. Admissions and Enrolment
3.1 An application for admission shall be made on the prescribed form:
   (i) The Postgraduate Research application form (PR Form) (if the applicant holds citizenship or permanent residency in Australia or New Zealand); or
   (ii) The Foreign Research application form (FR Form) (if the applicant is an international candidate).
3.2 Admission of a person as a candidate for the degree shall be at the discretion of the Course Coordinator on the recommendation of the Law Faculty Research Committee.
3.3 A person applying for admission as a candidate for the degree shall apply in accordance with the requirements of the Registrar and shall pay all prescribed fees.
3.4 A person admitted as a candidate may enrol as either a full-time student or a part-time student. International students studying in Australia on student visas may only enrol in full-time programs.

4. Progress Reports
4.1 The Principal Supervisor and candidate are required to report on a six monthly basis (by 30 April and 30 September) on the prescribed form on the candidate’s progress and research plans. Reports shall be signed by both the candidate and by the Principal Supervisor and submitted through the Law Faculty Research
the advice of the Course Coordinator.

4.2 Where the candidate’s progress is deemed satisfactory, the Research Degrees Committee shall approve continuation of candidature.

4.3 Where progress is deemed unsatisfactory, the Research Degrees Committee, on advice from the Faculty Research Committee, will normally place the candidature under review for a period of up to three months from the date that the candidate is advised in writing of the decision. The Research Degrees Committee will inform the candidate of the required remedial action to be followed taking account of the advice provided by the Principal Supervisor and the Faculty.

4.4 A report on the action taken to resolve the deficiencies in the program must be made to the Faculty Research Committee and the Research Degrees Committee may then approve continuation of candidature if these deficiencies have been redressed and progress is again satisfactory.

4.5 If progress is still unsatisfactory after the Review Period, the Research Degrees Committee, on advice from the Faculty Research Committee, shall ask the candidate to show cause why the enrolment of the candidate should not be terminated.

4.6 If a candidate fails to submit an annual report through their Principal Supervisor to Research Degrees Committee by the due date without applying, in writing, for an extension on the prescribed form two weeks prior to the due date, the Research Degrees Committee may ask the candidate to show cause why the enrolment of the candidate should not be terminated.

4.7 Upon failure of the candidate to show cause the candidate’s enrolment will be terminated.

5. Thesis Requirements

5.1 Students undertake applied research on an approved topic, which involves both an appropriate theoretical perspective and a specific orientation to professional practice and application. The thesis submitted for the degree shall be not less than 50,000 words and should constitute a substantial contribution to knowledge and understanding in criminal justice (eg criminology, law enforcement, strategic intelligence). It shall include a title page, table of contents and bibliography, and shall otherwise comply with the University’s requirements for presenting theses.

5.2 The candidate shall submit a detailed research outline to the Course Coordinator within two months of admission to candidature. The research outline should include the following:

- The proposed title of the thesis;
- The objectives of the program of research and investigation;
- An outline of the proposed research;
- The Research methods and plan;
- The relation of the study to previous work in the same field by the candidate and others;
- A preliminary literature review;
- A substantial bibliography;
- A timeline for the completion of the research
- A copy of the Research Ethics Review Checklist
- The proposed supervisor(s) and their credentials
- An intellectual property agreement if required
- Memo of Understanding for any external supervisor

5.3 The Law Faculty Research Committee may, upon the recommendation of the Course Coordinator vary the title of the thesis topic.

5.4 A candidate enrolled for the degree shall, at least once per semester during the period of candidature, consult with the Principal Supervisor and, where appropriate, any Associate Supervisor appointed by the Law Faculty Research Committee on the advice of the Course Coordinator.

5.5 A candidate shall submit three copies of the thesis in the form prescribed by the University for submission of theses to the Course Coordinator not later than the end of November or May, as the case may be, in the year in which the candidate is required to complete the degree. On submission of the thesis, the candidate shall furnish a written statement to the effect that the thesis is that candidate’s work alone, except where due acknowledgment is made in the text, and does not include material which has been previously submitted or accepted for a degree or diploma.

5.6 The Principal Supervisor shall recommend to the Faculty Research Committee the names of two examiners for the thesis, at least one of whom must be external to the University and neither of whom are the candidate’s supervisor.

5.7 The Law Faculty Research Committee, through the Office of Research, shall refer the thesis to two examiners. Each examiner shall report, normally within two months of receipt of the thesis, whether in the examiner’s opinion, the thesis is of the standard required for the award of the degree. Each examiner shall also recommend that the thesis:

(i) be accepted
(ii) not be accepted, or
(iii) be accepted subject to amendments to be made to the satisfaction of the Principal Supervisor.

5.8 After both examiners’ reports are received the Office of Research will forward them to the Course Coordinator, the Principal Supervisor and the candidate with an appropriate covering letter. (Until such time as the examination process is complete the identity of the examiners will be withheld from the candidate.)

Examiners in Agreement

Where both examiners recommend that the thesis be accepted (recommendations (i) or (iii)), the Course Coordinator will consult with the Principal Supervisor to discuss any corrections or revisions that the candidate may be required to make and where revisions are required.

Where corrections or revisions are to be made to the satisfaction of the Principal Supervisor, the Principal Supervisor must certify to the Research Degrees Committee that they recommend acceptance of the thesis in fulfillment of the conditions for the award of the MJust (Research) degree.

Examiners not in Agreement

Where the recommendations of the examiners are not in agreement as to whether the thesis should be accepted for the award of MJust (Research) or as to whether the thesis may be revised, the Law Faculty Research Committee will refer the thesis to a third examiner.

Upon receipt of the third examiner’s report, a majority decision shall be adopted. Where the majority decision is that the thesis be accepted or that the thesis be rejected, this shall be the decision of the examiners as the case may be. Where the recommendation of three examiners clearly differ and no clear majority exists, the Course Coordinator or nominee shall liaise with the Principal Supervisor to determine the further course of action.

Appeals

A candidate whose thesis has failed may lodge an appeal against the outcome of the examination process. The grounds for appeal may be on matters of process only, ie procedural irregularities in the conduct of the examination or documented evidence of examiner bias as evidenced by comments in the examiners reports.

An appeal must be lodged within sixty (60) days of the date of written advice from the Office of Research on the outcome of the examination. This appeal must include the specific grounds on which the appeal is based. Appeals must be submitted in writing to the Office of the Pro-Vice-Chancellor (Research and Advancement). The University Director, Postgraduate Research Studies, will determine whether a potential conflict of interest exists in relation to his/her consideration of the appeal. In cases where a conflict of interest exists, the University Director,
Postgraduate Research Studies, will appoint a member of academic staff, with expertise in research candidate supervision to consider the appeal.

The University Director, Postgraduate Research Studies, or appointee will decide whether a case exists and may seek the advice of the Faculty or school as appropriate. The appeal may be allowed or dismissed. If an appeal is allowed, the University Director, Postgraduate Research Studies, or appointee cannot recommend that the degree be awarded but shall recommend that the thesis be re-examined.

The University Director, Postgraduate Research Studies, or appointee will make a determination on the appeal as soon as practicable and will advise appellants, in writing, of the result of the appeal.

5.9 Following final acceptance of the thesis one bound copy and one electronic copy of the thesis must be submitted to the Office of Research for inclusion in the QUT Faculty of Law Library. These copies shall be in the prescribed form as set out in the University Requirements for Presenting Theses and be provided at the candidate’s expense. An additional copy shall be bound at the Faculty’s expense for inclusion in the Faculty Office collection. Any corrections resulting from the examiners’ assessment shall be made prior to binding, and by retyping if they would otherwise be obtrusive.

6. Credit for Research Work Done Elsewhere

6.1 The Course Coordinator may grant credit toward the Master of Justice degree by Research for work done at another institution of similar standing. Such credit shall not be granted unless the candidate provides to the Course Coordinator:

(i) evidence that the candidate has cancelled or terminated enrolment at the other institution, and

(ii) a written undertaking that the candidate will not seek credit in any form or manner for work done at the other institution or any other institutions except to complete the degree at QUT.

7. Time for Completion Requirements

7.1 Except in special circumstances and with the approval of the Course Coordinator:

(i) a full-time candidate shall complete all the requirements for the degree not earlier than the end of the second semester and not later than the end of the sixth semester of candidature;

(ii) a part-time candidate shall complete all the requirements for the degree not earlier than the end of the fourth semester and not later than the end of the eighth semester of the candidature. International students studying on student visas must be enrolled on a full-time basis.

7.2 The Course Coordinator may, upon the application of the candidate, extend any time limited by the rules by such further period as may be consistent with general University rules. Extensions of time for international students will only be made in exceptional circumstances. International students should consult the Course Coordinator and the Office of International Students if an extension of time is required.

8. Award of Degree

8.1 A candidate who has fulfilled the requirements of these rules and who has otherwise complied with the provisions of all statutes and other rules applicable may be admitted to the degree of Master of Justice (Research) by the University Academic Board on the recommendation of the Law Academic Board and the University Research Degrees Committee.

Course structure

<table>
<thead>
<tr>
<th>Full-time Students</th>
<th>IFN100</th>
<th>Full-Time Masters Research</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>IFN101</td>
<td>Full-Time Masters Research (Extension)</td>
</tr>
</tbody>
</table>

Part-time Students

<table>
<thead>
<tr>
<th>IFN200</th>
<th>Part-Time Masters Research</th>
</tr>
</thead>
<tbody>
<tr>
<td>IFN201</td>
<td>Part-Time Masters Research (Extension)</td>
</tr>
</tbody>
</table>

### Master of Justice by Coursework (JS51)

**Award title:** Master of Justice (Study Area A)

**CRICOS code:** 020311G

**Location:** Kelvin Grove

**Course duration (full-time):** 1 year

**Course duration (part-time):** 2 years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Belinda Carpenter (Master of Justice); Dr Ian Wells (Strategic Intelligence Study Area)

**Course Requirements**

The basic course structure appears in the table. Students must complete eight units of equal weighting totalling 96 credit points. The eight units can comprise:

(a) four units from one major study area

(b) four units chosen from across the Masters program including either Theories of Justice 1 or Intelligence, Justice and Accountability (for Strategic Intelligence students) OR

(c) eight units chosen from across the Masters program including either Theories of Justice 1 or Intelligence, Justice and Accountability.

OR

(d) six units chosen from across the Graduate Certificate and Masters program including either Theories of Justice 1 or Intelligence, Justice and Accountability and no more than four units taken from the Graduate Certificate program and the two Independent Studies units collapsed into one Research Project of 24 CP.

**Course structure - M Justice by Coursework**

**Year 1, Semester 1 (Full-time)**

**JSN001** Theories Of Justice 1 OR

JSN166 Intelligence, Justice and Accountability

Plus Select one elective unit from list below and 2 units from major study area (listed further below)

**Electives Semester 1**

JSN006 Independent Study 1

JSN108 Advanced Crime Research Methods

**Year 1, Semester 2 (Full-time)**

Choose 2 units from elective list below and 2 units from major study area (listed further below)

**Electives Semester 1**

LWN129 Contemporary Issues In Sentencing Law

**Electives Semester 2**

JSN005 Theories Of Justice 2

JSN007 Independent Study 2

JSN107 Intelligence and Decision Making

**Electives Summer Program**

JSN104 Law, Justice And New Genetic Technologies

**Year 1 Semester 1 Part-time/External**

**JSN001** Theories Of Justice 1 OR

JSN166 Intelligence, Justice and Accountability

Plus Select one elective

**Year 1 Semester 2 Part-time/External**

Select 2 electives

**Year 2 Semester 1 Part-time/External**

Select 2 units from major study area

**Year 2 Semester 2 Part-time/External**

Select 2 units from major study area

**Major Study Areas**

**Strategic Intelligence**

JSN161 Fundamentals of Intelligence

JSN162 Managing Intelligence

JSN163 Intelligence Research Issues & Methodology
### Master of Laws (LW51)

**Award title:** Master of Laws (Study Area A)

**CRICOS code:** 006380A

**Location:** Gardens Point and External

**Course duration (full-time):** 1 year

**Course duration (part-time):** 2 years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Director, Graduate Programs

**Course Structure**

The course structure comprises 96 credit points of coursework units for a Pass degree.

The units from which 96 credit points shall be chosen are subject to availability.

Students may nominate a major by choosing units within a specialist stream. To be eligible to graduate with a major, students must choose units to the value of 96 credit points from a specialist stream. Alternatively, students may complete a generic degree by choosing units from any specialist stream.

**Articulation**

This course articulates with the Doctor of Juridical Science (SJD).

**Advanced Standing**

Graduates of QUT’s Graduate Diploma in Legal Practice (LP41), who graduated from the first course in 2000 or from subsequent courses, may be deemed to have passed the equivalent of 48 credit points of units in LW51 and may be granted unspecified credit for such units.

Graduates from QUT’s Graduate Diploma in Legal Practice prior to 2000 or from another Australian university or the Leo Cussens Institute or the College of Law are eligible for up to 24 credit points of unspecified credit.

**Course structure**

**Commercial Law**

- LWN022 Banking and Finance Law
- LWN025 Research Project 1a
- LWN030 Dispute Resolution/mediation
- LWN043 Law Of Company Takeovers
- LWN048 Advanced Legal Research
- LWN050 Restrictive Trade Practices Law
- LWN051 Consumer Protection And Product Liability
- LWN065 Construction And Engineering Law
- LWN075 International Commercial Transactions
- LWN076 International Commercial Disputes
- LWN083 Estate Planning
- LWN093 Borrowers And Secured Lenders - Select Issues
- LWN097 Corporate Insolvency
- LWN113 Law Of Guarantees
- LWN117 Legal Regulation Of The Internet
- LWN122 Commercial Leases
- LWN125 Electronic Commerce Law
- LWN126 The Law Of Costs
- LWN127 Advanced Insurance Law 1
- LWN128 Advanced Insurance Law 2
- LWN139 Privacy Law
- LWN145 Corporate And Investment Regulation
- LWN147 Patent Law and Commercialisation
- LWN151 Select Issues in Property Law

**Environmental Resources Law**

- LWN025 Research Project 1a
- LWN030 Dispute Resolution/mediation
- LWN046 Advanced Planning Law
- LWN048 Advanced Legal Research
- LWN049 International Environmental Law
- LWN060 Environmental Legal System
- LWN061 Natural Resources Law
- LWN062 Federal Environmental Law
- LWN063 Comparative Environmental Law
- LWN094 Energy Law
- LWN095 Native Title Law and Policy
- LWN131 Queensland State Lands: Law And Practice
- LWN138 Comparative Cultural Heritage Law

**Public Law**

- LWN025 Research Project 1a
- LWN030 Dispute Resolution/mediation
- LWN035 Medico-Legal Issues
- LWN048 Advanced Legal Research
- LWN049 Intellectual Property Law
- LWN117 Legal Regulation Of The Internet
- LWN120 Select Issues In Media Law And Policy
- LWN125 Electronic Commerce Law
- LWN135 Law, Justice And New Genetic Technologies
- LWN139 Privacy Law
- LWN146 International and Comparative Intellectual Property Law (Asia Pacific)
- LWN147 Patent Law and Commercialisation
- LWN153 Select Issues in Art, Culture and the Law

**2004 Schedule of Units**

- LWN030 Dispute Resolution/mediation
- LWN035 Medico-Legal Issues
- LWN048 Advanced Legal Research
- LWN049 Intellectual Property Law
- LWN050 Restrictive Trade Practices Law
- LWN051 Consumer Protection And Product Liability
- LWN060 Environmental Legal System
- LWN062 Federal Environmental Law
- LWN063 Comparative Environmental Law
- LWN075 International Commercial Transactions
- LWN083 Estate Planning
- LWN093 Borrowers And Secured Lenders - Select Issues
- LWN094 Energy Law
- LWN095 Native Title Law and Policy
- LWN097 Corporate Insolvency
- LWN111 Queensland State Lands: Law And Practice
- LWN113 Law Of Guarantees
- LWN117 Legal Regulation Of The Internet
- LWN120 Select Issues In Media Law And Policy
- LWN125 Electronic Commerce Law
- LWN127 Advanced Insurance Law 1
2.2.4 The Assistant Dean, Research is satisfied of the ability of the candidate to complete the required research and thesis towards the degree.

3. Admission and Enrolment

3.1 An application for admission shall be made on the prescribed form:

(i) The Postgraduate Research application form (PR Form) (if the applicant holds citizenship or permanent residency in Australia or New Zealand); or

(ii) The Foreign Research application form (FR Form) (if the applicant is an international candidate).

3.2 Admission of a person as a candidate for the degree shall be at the discretion of the Assistant Dean, Research on the recommendation of the Law Faculty Research Committee.

3.3 A person applying for admission as a candidate for the degree shall apply in accordance with the requirements of the Registrar and shall pay all prescribed fees.

3.4 A person admitted as a candidate may enrol as either a full-time student or a part-time student. International students studying in Australia on student visas may only enrol in full-time programs.

4. Progress Reports

4.1 The Principal Supervisor and candidate are required to report on a six monthly basis (by 30 April and 30 September) on the prescribed form on the candidate’s progress and research plans. Reports shall be signed by both the candidate and by the Principal Supervisor and submitted through the Law Faculty Research Committee to the Office of Research for consideration by the Research Degrees Committee.

4.2 Where the candidate’s progress is deemed satisfactory, the Research Degrees Committee shall approve continuation of candidature.

4.3 Where progress is deemed unsatisfactory, the Research Degrees Committee, on advice from the Faculty Research Committee, will normally place the candidate under review for a period of up to three months from the date that the candidate is advised in writing of the decision. The Research Degrees Committee will inform the candidate of the required remedial action to be followed taking account of the advice provided by the Principal Supervisor and the Faculty.

4.4 A report on the action taken to resolve the deficiencies in the program must be made to the Faculty Research Committee and the Research Degrees Committee may then approve continuation of candidature if these deficiencies have been redressed and progress is again satisfactory.

4.5 If progress is still unsatisfactory after the Review Period, the Research Degrees Committee, on advice from the Faculty Research Committee, shall ask the candidate to show cause why the enrolment of the candidate should not be terminated.

4.6 If a candidate fails to submit an annual report through their Principal Supervisor to Research Degrees Committee by the due date without applying, in writing, for an extension on the prescribed form two weeks prior to the due date, the Research Degrees Committee may ask the candidate to show cause why the enrolment of the candidate should not be terminated.

4.7 Upon failure of the candidate to show cause the candidate’s enrolment will be terminated.

5. Thesis Requirements

5.1 The thesis submitted for the degree shall be not less than 50,000 words and not more than 60,000 words in length and shall constitute a substantial contribution to knowledge and understanding in the area of the law and subject of the research. It shall include a title page, table of contents and bibliography, and shall otherwise comply with the University’s requirements for presenting theses.
5.2 The candidate shall submit a detailed research outline to the Assistant Dean, Research within two months of admission to candidature. The research outline should address the following:
- The proposed title of the thesis;
- The objectives of the program of research and investigation;
- An outline of the proposed research;
- The Research methods and plan;
- The relation of the study to previous work in the same field by the candidate and others;
- A preliminary literature review;
- A substantial bibliography;
- A timeline for the completion of the research
- A copy of the Research Ethics Review Checklist
- The proposed supervisor(s) and their credentials
- An intellectual property agreement if required
- Memo of Understanding for any external supervisor

5.2 The Law Faculty Research Committee may, upon the recommendation of the Assistant Dean, Research vary the title of the thesis topic.

5.3 A candidate enrolled for the degree shall, at least once per semester during the period of candidature, consult with the Principal Supervisor and, where appropriate, any Associate Supervisor appointed by the Law Faculty Research Committee on the advice of the Assistant Dean, Research.

5.4 A candidate shall submit three copies of the thesis in the form prescribed by the University for the submission of theses to the Assistant Dean, Research not later than the end of November or May, as the case may be, in the year in which the candidate is required to complete the degree. On submission of the thesis, the candidate shall furnish a written statement to the effect that the thesis is that candidate’s work alone, except where due acknowledgment is made in the text, and does not include material which has been previously submitted or accepted for a degree or diploma.

5.5 The Principal Supervisor shall recommend to the Faculty Research Committee the names of two examiners for the thesis, at least one of whom must be external to the University and neither of whom are the candidate’s supervisor.

5.6 The Law Faculty Research Committee, through the Office of Research, shall refer the thesis to two examiners. Each examiner shall report, normally within two months of receipt of the thesis, whether in the examiner’s opinion, the thesis is of the standard required for the award of the degree. Each examiner shall also recommend that the thesis:
- be accepted
- not be accepted, or
- be accepted subject to amendments to be made to the satisfaction of the Principal Supervisor.

5.8 After both examiners’ reports are received the Office of Research will forward them to the Assistant Dean, Research, the Principal Supervisor and the candidate with an appropriate covering letter. (Until such time as the examination process is complete the identity of the examiners will be withheld from the candidate.)

Examiners in Agreement
Where both examiners recommend that the thesis be accepted (recommendations (i) or (ii)), the Assistant Dean, Research will consult with the Principal Supervisor to discuss any corrections or revisions that the candidate may be required to make and where revisions are required.

Where corrections or revisions are to be made to the satisfaction of the Principal Supervisor, the Principal Supervisor must certify to the Research Degrees Committee that they recommend acceptance of the thesis in fulfilment of the conditions for the award of the LLM (Research) degree.

Examiners not in Agreement
Where the recommendations of the examiners are not in agreement as to whether the thesis should be accepted for the award of LLM(Research) or as to whether the thesis may be revised, the Law Faculty Research Committee will refer the thesis to a third examiner.

Upon receipt of the third examiner’s report, a majority decision shall be adopted. Where the majority decision is that the thesis be accepted or that the thesis be rejected, this shall be the decision of the examiners as the case may be. Where the recommendation of three examiners clearly differ and no clear majority exists, the Assistant Dean, Research or nominee shall liaise with the Principal Supervisor to determine the further course of action.

Appeals
A candidate whose thesis has failed may lodge an appeal against the outcome of the examination process. The grounds for appeal may be on matters of process only, ie procedural irregularities in the conduct of the examination or documented evidence of examiner bias as evidenced by comments in the examiners reports.

An appeal must be lodged within sixty (60) days of the date of written advice from the Office of Research on the outcome of the examination. This appeal must include the specific grounds on which the appeal is based. Appeals must be submitted in writing to the Office of the Pro-Vice-Chancellor (Research and Advancement). The Director, Postgraduate Research Studies, will determine whether a potential conflict of interest exists in relation to his/her consideration of the appeal. In cases where a conflict of interest exists, the Director, Postgraduate Research Studies, will appoint a member of academic staff, with expertise in research candidate supervision to consider the appeal.

The Director, Postgraduate Research Studies, or appointee will decide whether a case exists and may seek the advice of the Faculty or school as appropriate. The appeal may be allowed or dismissed. If an appeal is allowed, the Director, Postgraduate Research Studies, or appointee cannot recommend that the degree be awarded but shall recommend that the thesis be re-examined.

The Director, Postgraduate Research Studies, or appointee will make a determination on the appeal as soon as practicable and will advise appellants, in writing, of the result of the appeal.

5.9 Following final acceptance of the thesis, one bound copy and one electronic copy of the thesis must be submitted to the Office of Research for inclusion in the QUT Faculty of Law Library. These copies shall be in the prescribed form as set out in the University Requirements for Presenting Theses and be provided at the candidate’s expense. An additional copy shall be bound at the Faculty’s expense for inclusion in the Faculty Office collection. Any corrections resulting from the examiners’ assessment shall be made prior to binding, and by retyping if they would otherwise be obtrusive.

6. Credit for Research Work Done Elsewhere
6.1 The Assistant Dean, Research may grant credit toward the Master of Laws degree by Research for work done at another institution of similar standing. Such credit shall not be granted unless the candidate provides to the Assistant Dean, Research:
- evidence that the candidate has cancelled or terminated enrolment at the other institution, and
- a written undertaking that the candidate will not seek credit in any form or manner for work done at the other institution or any other institutions except to complete the degree at QUT.

7. Time for Completion Requirements
7.1 Except in special circumstances and with the approval of the Assistant Dean, Research:
- a full-time candidate shall complete all the requirements for the degree not earlier than the end of the second semester
and not later than the end of the sixth semester of candidature;

(ii) a part-time candidate shall complete all the requirements for the degree not earlier than the end of the fourth semester and not later than the end of the eighth semester of the candidature. International students studying on student visas must be enrolled on a full-time basis.

7.2 The Assistant Dean, Research may, upon the application of the candidate, extend any time limited by the rules by such further period as may be consistent with general University rules. Extensions of time for international students will only be made in exceptional circumstances. International students should consult the Assistant Dean, Research and the Office of International Students if an extension of time is required.

8. Award of Degree
8.1 A candidate who has fulfilled the requirements of these rules and who has otherwise complied with the provisions of all statutes and other rules applicable may be admitted to the degree of Master of Laws by the University Academic Board on the recommendation of the Law Academic Board and the University Research Degrees Committee

Course structure
Full-time course structure
IFN100 48 credit points of research per semester.

Part-time course structure
IFN200 24 credit points of research per semester.

■ Graduate Diploma in Legal and Justice Studies (available to continuing students only) (JS41)
Award title: Graduate Diploma in Legal and Justice Studies
CRICOS code: 020312G
Location: Kelvin Grove
Course duration (full-time): 1 year
Course duration (part-time): 2 years
Course duration (external): 2 years part-time
Total credit points: 96
Course coordinator: Dr Belinda Carpenter

Course Structure
Of the course’s 96 credit points, students will complete 48 credit points of core units and 48 credit points of specialist units from within a student chosen professional area.

Core Units
JSP001 Law And Government 1
JSP002 Criminal Law In Context 1
JSP003 Law And Government 2
JSP004 Criminal Law In Context 2

Professional Minors - Law Enforcement
JSP051 Introduction To Criminal Law And Evidence
JSP052 Police Procedure And Practice
JSP053 Organised Crime
JSP054 Issues In Policing

Intelligence and Security
Four units from the following:
JSP051 Process Theory And Application
JSP062 Protective Security - Theory And Application
JSP063 Intelligence Research - Issues, Procedures And Practice
JSP064 Protective Security Issues And Practice
JSP065 Intelligence And National Security
JSP066 Management Of Protective Security
JSP076 Intelligence, Organisations, Personnel And Operations

Criminology
JSP041 Juvenile Justice
JSP042 Crime And The Workplace
JSP043 Crime Research Methods
JSP044 Responding To Crime

Corrections and the Community
JSP071 Corrections And The Community 1
JSP072 Corrections And The Community 2
JSP073 Corrections And The Community 3
JSP074 Corrections And The Community 4

Legal and Justice Policy
JSP081 Law And Public Policy
JSP082 Legal Rights And Responsibilities
JSP083 Administrative Law And Justice
JSP084 Justice And Human Rights

■ Graduate Diploma in Legal Practice (LP41)
Award title: Graduate Diploma in Legal Practice
CRICOS code: 009034F
Location: Gardens Point
Course duration (full-time): 24 weeks
Course duration (part-time): 45 weeks
Total credit points: 96
Course coordinator: Allan Chay

Professional Recognition
This diploma satisfies the practical training requirement of the Solicitors Admission Rules (Queensland) (Subject to Solicitors Board approval).

Course structure
Practice Topics
LPP101 Transaction Skills
LPP102 Dispute Resolution Skills
LPP103 Banking And Finance
LPP104 Commercial Law Practice
LPP105 Family And Estates
LPP106 Litigation
LPP107 Property Law Practice
LPP108 Placement

■ Graduate Diploma in Legal Studies (LW70)
Award title: Graduate Diploma in Legal Studies
CRICOS code: 040318B
Location: Gardens Point and External
Course duration (full-time): 2 semesters
Course duration (part-time): 4 semesters
Total credit points: 96
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Director, Graduate Studies

Advanced Standing
Students who have previously undertaken undergraduate law units at QUT may apply for a maximum of 48 credit points for these units towards the LW70 Graduate Diploma in Legal Studies.

Course structure - Full-time
Semester 1 - Full-time
Introduction to Legal Research
LWB136 Contracts A
LWB138 Fundamentals Of Torts
LWB141 Legal Institutions And Method
PLUS
LWB142 Law, Society And Justice
OR
LWB143 Legal Research And Writing

Semester 2 - Full-time
12 credit points - elective
12 credit points - elective
12 credit points - elective
12 credit points - elective

Course structure - Part-time
Semester 1 Entry: Semester 1 - Option 1 (LWB142)
Introduction to Legal Research
LWB141 Legal Institutions And Method
LWB142 Law, Society And Justice
Semester 1 Entry: Semester 2 - Option 1 (LWB142)
LWB136 Contracts A
LWB138 Fundamentals Of Torts
Semester 1 Entry: Semester 1 - Option 2 (LWB143)
Course structure

Introduction to Legal Research
LWB140 Legal Institutions And Method
LWB136 Contracts A

Semester 1 Entry: Semester 2 - Option 2 (LWB143)
LWB143 Legal Research And Writing
LWB138 Fundamentals Of Torts

Semester 2 Entry: Semester 2 - Option 1 (LWB142)
LWB141 Legal Institutions And Method
LWB136 Contracts A

Semester 2 Entry: Semester 1 - Option 1 (LWB141)
LWB138 Fundamentals Of Torts
LWB142 Law, Society And Justice
LWB141 Legal Institutions And Method
LWB143 Legal Research And Writing

All Semesters Entry: Semester 3
12 credit points - elective
12 credit points - elective

All Semesters Entry: Semester 4
12 credit points - elective
12 credit points - elective

Graduate Certificate in Critical Criminology (JS26)

Award title: Graduate Certificate in Critical Criminology
CRICOS code: 036433M
Location: Kelvin Grove and External
Course duration (part-time): 1 year
Course duration (external): 1 year
Total credit points: 48
Course coordinator: Dr Belinda Carpenter
Discipline coordinator: Dr Melissa Bull

Course Requirements
The Graduate Certificate in Critical Criminology consists of four units of twelve credit points each. The four units focus on foundations in criminology, juvenile justice, crime prevention and crime control.

Articulation to Master of Justice
A student who has successfully completed the Graduate Certificate in Critical Criminology with a GPA of 5.0 or better, may articulate to the Master of Justice (Critical Criminology) and receive credit for their specialist area study of 48 credit points.

Course structure

Part-time/External Semester 1
JSP131 Juvenile Justice
JSP132 Foundations in Criminology

Part-time/External Semester 2
JSP133 Crime Prevention
JSP134 Crime Control and Governance

Graduate Certificate in Justice Policy (JS28)

Award title: Graduate Certificate in Justice Policy
Location: Kelvin Grove and External
Course duration (part-time): 1 year
Course duration (external): 1 year
Total credit points: 48
Course coordinator: Dr Belinda Carpenter
Discipline coordinator: Ms Jane Chester

Course Requirements
The Graduate Certificate in Justice Policy consists of four units of twelve credit points each. They comprise: Policy, Governance and Justice, Administrative Justice, Watchdogs: Warriors, Winps and Witch-hunts and Human Rights and Global Justice.

Articulation to Master of Justice
A student who has successfully completed the Graduate Certificate in Justice Policy with a GPA of 5.0 or better, may articulate to the Master of Justice (Justice Policy) and receive credit for their specialist area study of 48 credit points.

Course structure

Part-time/External Semester 1
JSP151 Policy, Governance and Justice
JSP152 Administrative Justice

Part-time/External Semester 2
JSP153 Watchdogs: Warriors, Winps and Witch-hunts
JSP154 Human Rights and Global Justice

Graduate Certificate in Law (LW60)

Award title: Graduate Certificate in Law (Study Area A)
CRICOS code: 027286C
Location: Gardens Point and External
Course duration (full-time): 1 semester (Generic course and select majors only)
Course duration (part-time): 2 semesters
Total credit points: 48
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Director, Graduate Programs
Course Design
The required credit points can be accrued in two ways. Students may nominate a major from the following list and choose units to the value of 48 credit points. Alternatively, students can complete a generic certificate by choosing any coursework units to the value of 48 credit points from units offered in the Master of Laws by Coursework.

Articulation to the Master of Laws by Coursework
A student who has successfully completed the Graduate Certificate in Law in a specialist stream and who does not hold a LLB degree or equivalent, may be permitted to credit the units undertaken towards an Master of Laws by Coursework degree if they achieve a minimum GPA of 5.5 in the Graduate Certificate in Law.

Course structure

**Commercial Transactions**
- LWN022 Banking and Finance Law
- LWN025 Research Project 1a
- LWN030 Dispute Resolution/mediation
- LWN043 Law Of Company Takeovers
- LWN048 Advanced Legal Research
- LWN051 Restrictive Trade Practices Law
- LWN051 Consumer Protection And Product Liability
- LWN075 International Commercial Transactions
- LWN076 International Commercial Disputes
- LWN093 Borrowers And Secured Lenders - Select Issues
- LWN097 Corporate Insolvency
- LWN113 Law Of Guarantees
- LWN117 Legal Regulation Of The Internet
- LWN118 Corporate And Investment Regulation
- LWN147 Patent Law and Commercialisation
- LWN151 Select Issues in Property Law

**Corporate Law**
- LWN025 Research Project 1a
- LWN030 Dispute Resolution/mediation
- LWN043 Law Of Company Takeovers
- LWN048 Advanced Legal Research
- LWN096 Capital Markets Law
- LWN097 Corporate Insolvency
- LWN022 Banking and Finance Law
- LWN050 Restrictive Trade Practices Law
- LWN051 Consumer Protection And Product Liability
- LWN093 Borrowers And Secured Lenders - Select Issues
- LWN145 Corporate And Investment Regulation

**Criminal Justice**
- LWN025 Research Project 1a
- LWN030 Dispute Resolution/mediation
- LWN048 Advanced Legal Research
- LWN040 Theories Of Justice 1
- LWN042 Theories Of Justice 2
- LWN129 Contemporary Issues In Sentencing Law
- LWN135 Law, Justice And New Genetic Technologies
- JSN144 Evidence in Organised Crime Investigations

**Environment**
- LWN025 Research Project 1a
- LWN030 Dispute Resolution/mediation
- LWN048 Advanced Legal Research
- LWN049 International Environmental Law
- LWN060 Environmental Legal System
- LWN061 Natural Resources Law
- LWN062 Federal Environmental Law
- LWN065 Construction And Engineering Law
- LWN087 Contemporary Issues In Torts
- LWN095 Native Title Law and Policy
- LWN131 Queensland State Lands: Law And Practice

**International Law**
- LWN025 Research Project 1a
- LWN030 Dispute Resolution/mediation
- LWN048 Advanced Legal Research
- LWN049 International Environmental Law
- LWN075 International Commercial Transactions
- LWN076 International Commercial Disputes
- LWN115 Human Rights In Australian Law
- LWN142 East Asian Legal Systems
- LWN143 International Criminal Justice
- LWN146 International and Comparative Intellectual Property Law (Asia Pacific)
- LWN152 Law of the European Union

**Media and Communications Law**
- LWN025 Research Project 1a
- LWN030 Dispute Resolution/mediation
- LWN046 Advanced Planning Law
- LWN048 Advanced Legal Research
- LWN060 Environmental Legal System
- LWN061 Natural Resources Law
- LWN062 Federal Environmental Law
- LWN065 Construction And Engineering Law
- LWN095 Native Title Law and Policy
- LWN131 Queensland State Lands: Law And Practice
- LWN138 Comparative Cultural Heritage Law

**Property**
- LWN025 Research Project 1a
- LWN030 Dispute Resolution/mediation
- LWN046 Advanced Planning Law
- LWN048 Advanced Legal Research
- LWN061 Natural Resources Law
- LWN065 Construction And Engineering Law
- LWN083 Estate Planning
- LWN095 Native Title Law and Policy
- LWN122 Commercial Leases
- LWN127 Advanced Insurance Law 1
- LWN128 Advanced Insurance Law 2
- LWN131 Queensland State Lands: Law And Practice
- LWN138 Comparative Cultural Heritage Law
- LWN151 Select Issues in Property Law

**Public Law**
- LWN025 Research Project 1a
- LWN030 Dispute Resolution/mediation
- LWN055 Medico-Legal Issues
- LWN048 Advanced Legal Research
- LWN052 Civil Procedure - Theory And Practice
- LWN087 Contemporary Issues In Torts
- LWN095 Native Title Law and Policy
- LWN111 Public Law And Government Commercial Activity
- LWN119 Employment Law
- LWN115 Human Rights In Australian Law
- LWN125 Electronic Commerce Law
- LWN132 Public Sector Employment Law And Policy
- LWN134 Representative Actions
- LWN142 East Asian Legal Systems
- LWN144 Contemporary Issues in Child Law
- LWN150 Death, Decisions and the Law

**2004 Schedule of Units**
- LWN030 Dispute Resolution/mediation
- LWN040 Theories Of Justice 1
- LWN042 Theories Of Justice 2
- LWN046 Advanced Planning Law
- LWN048 Advanced Legal Research
- LWN050 Restrictive Trade Practices Law
- LWN051 Consumer Protection And Product Liability
- LWN060 Environmental Legal System
- LWN062 Federal Environmental Law
- LWN065 Construction And Engineering Law
- LWN075 International Commercial Transactions
- LWN083 Estate Planning
- LWN093 Borrowers And Secured Lenders - Select Issues
- LWN094 Energy Law
■ Graduate Certificate in Legal Studies (LW65)
Awards title: Graduate Certificate in Legal Studies
CRICOS code: 040307E
Location: Gardens Point and External
Course duration (full-time): 1 semester
Course duration (part-time): 2 semesters
Total credit points: 48
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Director, Graduate Studies

Advanced Standing
Students who have previously undertaken undergraduate law
units at QUT may apply for a maximum of 24 credit points for
these units towards the LW65 Graduate Certificate in Legal
Studies

Course structure - Full-time (entry in semester one or
two)
LWB136 Introduction to Legal Research
LWB138 Contracts A
LWB141 Legal Institutions And Method
PLUS
LWB142 Law, Society And Justice
OR
LWB143 Legal Research And Writing

Course structure - Part-time
Semester 1 Entry: Semester 1 - Option 1 (LWB142)
LWB141 Introduction to Legal Research
LWB142 Law, Society And Justice
Semester 1 Entry: Semester 2 - Option 1 (LWB142)
LWB136 Contracts A
LWB138 Fundamentals Of Torts
LWB141 Legal Institutions And Method
LWB136 Contracts A
Semester 2 Entry: Semester 1 - Option 1 (LWB142)
LWB138 Fundamentals Of Torts
LWB142 Law, Society And Justice

■ Graduate Certificate in Strategic Intelligence (JS29)
Awards title: Graduate Certificate in Strategic Intelligence
CRICOS code: 036433M
Location: Kelvin Grove and External
Course duration (external): 1 year
Total credit points: 48
Course coordinator: Dr Belinda Carpenter
Discipline coordinator: Dr Ian Wells

Course Requirements
The Graduate Certificate in Strategic Intelligence consists of four
units of twelve credit points each. They comprise: Organised Crime & Corruption; Forensic Investigation Methods and Strategies; Proceeds of Crime and Money Laundering; Evidence in Organised Crime Investigations.

Articulation to Master of Justice
A student who has successfully completed the Graduate Certificate in Organised Crime and Corruption Investigation with a GPA of 5.0 or better, may articulate to the Master of Justice (Organised Crime and Corruption Investigation) and receive credit for their specialist area study of 48 credit points.

Course structure
Part-time/External Semester 1
JSP141 Organised Crime and Corruption Management
JSP142 Forensic Investigation Methods and Strategies

Part-time/External Semester 2
JSP143 Proceeds of Crime and Money Laundering
JSP144 Evidence in Organised Crime Investigations

Semester 2 Entry: Semester 2 - Option 2 (LWB143)
LWB141 Legal Institutions And Method
LWB143 Legal Research And Writing

■ Graduate Certificate in Organised Crime and Corruption Investigation (JS27)
Award title: Graduate Certificate in Organised Crime and Corruption Investigation
CRICOS code: 036433M
Location: Kelvin Grove and External
Course duration (part-time): 1 year
Course duration (external): 1 year
Total credit points: 48
Course coordinator: Dr Belinda Carpenter
Discipline coordinator: Mr Michael Barnes

Course Requirements
The Graduate Certificate in Organised Crime and Corruption Investigation consists of four units of twelve credit points each. They comprise: Organised Crime & Corruption; Forensic Investigation Methods and Strategies; Proceeds of Crime and Money Laundering; Evidence in Organised Crime Investigations.

Articulation to Master of Justice
A student who has successfully completed the Graduate Certificate in Organised Crime and Corruption Investigation with a GPA of 5.0 or better, may articulate to the Master of Justice (Organised Crime and Corruption Investigation) and receive credit for their specialist area study of 48 credit points.

Course structure
Part-time/External Semester 1
JSP141 Organised Crime and Corruption Investigation
JSP142 Forensic Investigation Methods and Strategies

Part-time/External Semester 2
JSP143 Proceeds of Crime and Money Laundering
JSP144 Evidence in Organised Crime Investigations

Course structure
**Bachelor of Justice (Honours) (JS40)**

Award title: Bachelor of Justice (Honours)

CRICOS code: 020313F

Location: Kelvin Grove

Course duration (full-time): 1 year

Course duration (part-time): 2 years

Total credit points: 96

Standard credit points per semester (full-time): 48

Standard credit points per semester (part-time): 24

Course coordinator: Dr Ian Wells

Course Structure

The Bachelor of Justice (Honours) is a 96 credit-point course. Students complete four (4) prescribed units (48 credit points) and a dissertation (48 credit points). The dissertation calls for students to design, develop and implement a substantial research project. Students can pursue original lines of thought, formulate and test hypotheses, develop problem-solving strategies and make decisions. Students are expected to demonstrate high ethical standards, awareness of sociocultural and equity issues, and professional accountability. Students should contact the Honours Coordinator to discuss thesis and supervisor.

Full-time Course structure

**Year 1, Semester 1**

- JSB411 Theories Of Justice 1
- JSB412 Literature Review
- JSB413 Colloquium
- JSB405 Justice Organisations

**Year 2, Semester 2**

- JSB414/1 Thesis 1
- JSB414/2 Thesis 2
- JSB414/3 Thesis 3
- JSB414/4 Thesis 4

Part-time Course structure

**Year 1, Semester 1**

- JSB411 Theories Of Justice 1
- JSB412 Literature Review
- JSB413 Colloquium

**Year 1, Semester 2**

- JSB414/1 Thesis 1
- JSB414/2 Thesis 2

**Year 2, Semester 1**

- JSB413 Colloquium
- JSB405 Justice Organisations

**Year 2, Semester 2**

- JSB414/3 Thesis 3
- JSB414/4 Thesis 4

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**Bachelor of Justice (JS31)**

Award title: Bachelor of Justice

CRICOS code: 006117E

Location: Kelvin Grove

Course duration (full-time): 3 years

Course duration (part-time): 6 years

Course duration (external): 6 years

Total credit points: 288

Standard credit points per semester (full-time): 48

Standard credit points per semester (part-time): 24

Course coordinator: Dr Belinda Carpenter

Course Requirements

The course will be offered over 3 years full-time, 6 years part-time and external mode. The course structure consists of 24 units - a total of 288 credit points. Students must complete eight Justice Studies core units (96 credit points) and a primary major comprising six units (72 credit points), to be selected from ONE of three areas of specialisation available in Critical Criminology; Investigations and Policing, and Justice Policy. The remaining ten units (120 credit points) may consist of either a second major of six units (72 credit points) and 4 electives OR 10 elective units selected from the Justice Studies areas of specialisation and electives. Students may enrol in up to four units (48 credit points) offered outside of the School, which may include up to two units (24 credit points) from another institution, subject to prior approval from the course coordinator.

Course structure

**Year 1, Semester 1 (Full-time Course Structure)**

- JSB131 Framing Social Justice
- JSB132 Professional Skills
- JSB133 Law And Government
- JSB134 Social Ethics And The Justice System

**Year 1, Semester 2 (Full-time Course Structure)**

- JSB135 Unlocking Criminal Justice
- JSB136 Forensic Psychology And The Law
- JSB137 Politics Of Law
- JSB138 Crimes Of Violence

**Year 2, Semester 1 (Full-time Course Structure)**

- Select four units (48 cps) from the following
  - EITHER
    - Critical Criminology Major
    - Investigations and Policing Major

**Year 2, Semester 2 (Full-time Course Structure)**

- Select four units (48 cps) from the following
  - EITHER
    - Critical Criminology Major
    - Investigations and Policing Major

**Year 3, Semester 1 (Full-time Course Structure)**

- Select four units from the following

**Critical Criminology Major**

- JSB233 Crime And Community Corrections
- JSB234 Crime And Community Corrections

**Investigations and Policing Major**

- JSB243 Intelligence Led Investigations
- JSB244 Criminal Law In Context

**Justice Policy Major**

- JSB251 Policy, Governance And Justice
- JSB252 Citizenship And Justice

**Justice Policy Major**

- JSB253 Watchdogs: Warriors, Wimps And Witch-Hunts
- JSB254 Criminal Law In Context

**Year 3, Semester 2 (Full-time Course Structure)**

- Select four units from the following
  - EITHER
    - Critical Criminology Major
    - Investigations and Policing Major

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Introduction to Legal Research

Year 1 Semester 1
JSB131 Framing Social Justice
JSB132 Professional Skills
JSB134 Social Ethics And The Justice System
Introduction to Legal Research

Year 1 Semester 2
JSB135 Unlocking Criminal Justice
JSB136 Forensic Psychology And The Law
JSB138 Crimes Of Violence
LWB143 Legal Research And Writing
LWB144 Laws And Global Perspectives

Year 2 Semester 1
LWB136 Contracts A
Select three units (36 cps) from:
Critical Criminology Major (CCL)
JSB231 Understanding Criminology
JSB232 Youth Justice
E elective/Secondary Major unit OR
Investigations And Policing Major (IVP)
JSB241 Introduction To Investigations And Policing
JSB242 Criminal Law In Context
E elective/Secondary Major unit OR
Justice Policy Major (JPL)
JSB251 Policy, Governance And Justice
E elective/Secondary Major unit
E elective/Secondary Major unit

Year 2 Semester 2
LWB137 Contracts B
Select three units (36 cps) from:
Critical Criminology Major (CCL)
JSB233 Crime And Community Corrections
E elective/Secondary Major unit
E elective/Secondary Major unit
Investigations And Policing Major (IVP)
JSB243 Intelligence Led Investigations
E elective/Secondary Major unit
E elective/Secondary Major unit OR
Justice Policy Major (JPL)
JSB252 Citizenship And Justice
JSB253 Watchdogs: Warriors, Wimps And Witch-Hunts
E elective/Secondary Major unit

Year 3 Semester 1
LWB138 Fundamentals Of Torts
Select three units (36 cps) from:
Critical Criminology Major (CCL)
JSB331 Prisons As Industry
E elective/Secondary Major unit
E elective/Secondary Major unit
Investigation And Policing Major (IVP)
JSB341 Investigations, Evidence And Police Powers
E elective/Secondary Major unit
E elective/Secondary Major unit OR
Justice Policy Major (JPL)
JSB351 Administrative Justice
JSB352 Indigenous Justice
E elective/Secondary Major unit

Year 3 Semester 2
LWB139 Select Issues In Torts
Select Three units (36 cps) from:
Critical Criminology Major (CCL)
JSB332 Crime, Control and Governance
JSB333 Responding To Crime
E elective/Secondary Major unit OR
Investigation And Policing Major (IVP)
JSB342 Organised Crime
JSB343 Future Policing Strategies
E elective/Secondary Major unit OR
Justice Policy Major (JPL)
JSB353 Global Justice
E elective/Secondary Major unit
E elective/Secondary Major unit

Year 4 Semester 1
LWB231 Introduction To Public Law
LWB236 Real Property A
LWB238 Fundamentals Of Criminal Law
LWB240 Principles Of Equity
LWB333 Theories Of Law

Year 4 Semester 2
LWB235 Australian Federal Constitutional Law
LWB237 Real Property B
LWB239 Criminal Responsibility

Course Overview
Students study a combination of Justice Studies and Law units in the first three years of the course, whilst the final two years are devoted to the study of Law units only. In the Bachelor of Justice component of the course, students are required to select a major (6 units) from one of the following fields:
- Critical Criminology
- Investigations And Policing
- Justice Policy.

Course structure

Year 1 Semester 1
JSB131 Framing Social Justice
JSB132 Professional Skills
JSB134 Social Ethics And The Justice System
Introduction to Legal Research

Year 1 Semester 2
JSB135 Unlocking Criminal Justice
JSB136 Forensic Psychology And The Law
JSB138 Crimes Of Violence
LWB143 Legal Research And Writing
LWB144 Laws And Global Perspectives

Year 2 Semester 1
LWB136 Contracts A
Select three units (36 cps) from:
Critical Criminology Major (CCL)
JSB231 Understanding Criminology
JSB232 Youth Justice
E elective/Secondary Major unit OR
Investigations And Policing Major (IVP)
JSB241 Introduction To Investigations And Policing
JSB242 Criminal Law In Context
E elective/Secondary Major unit OR
Justice Policy Major (JPL)
JSB251 Policy, Governance And Justice
E elective/Secondary Major unit
E elective/Secondary Major unit

Year 2 Semester 2
LWB137 Contracts B
Select three units (36 cps) from:
Critical Criminology Major (CCL)
JSB233 Crime And Community Corrections
E elective/Secondary Major unit
E elective/Secondary Major unit
Investigations And Policing Major (IVP)
JSB243 Intelligence Led Investigations
E elective/Secondary Major unit
E elective/Secondary Major unit OR
Justice Policy Major (JPL)
JSB252 Citizenship And Justice
JSB253 Watchdogs: Warriors, Wimps And Witch-Hunts
E elective/Secondary Major unit

Year 3 Semester 1
LWB138 Fundamentals Of Torts
Select three units (36 cps) from:
Critical Criminology Major (CCL)
JSB331 Prisons As Industry
E elective/Secondary Major unit
E elective/Secondary Major unit
Investigation And Policing Major (IVP)
JSB341 Investigations, Evidence And Police Powers
E elective/Secondary Major unit
E elective/Secondary Major unit OR
Justice Policy Major (JPL)
JSB351 Administrative Justice
JSB352 Indigenous Justice
E elective/Secondary Major unit

Year 3 Semester 2
LWB139 Select Issues In Torts
Select Three units (36 cps) from:
Critical Criminology Major (CCL)
JSB332 Crime, Control and Governance
JSB333 Responding To Crime
E elective/Secondary Major unit OR
Investigation And Policing Major (IVP)
JSB342 Organised Crime
JSB343 Future Policing Strategies
E elective/Secondary Major unit OR
Justice Policy Major (JPL)
JSB353 Global Justice
E elective/Secondary Major unit
E elective/Secondary Major unit

Year 4 Semester 1
LWB231 Introduction To Public Law
LWB236 Real Property A
LWB238 Fundamentals Of Criminal Law
LWB240 Principles Of Equity
LWB333 Theories Of Law

Year 4 Semester 2
LWB235 Australian Federal Constitutional Law
LWB237 Real Property B
LWB239 Criminal Responsibility

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## Bachelor of Laws (LW33)

**Award title:** Bachelor of Laws  
**CRICOS code:** 003486D  
**Location:** Gardens Point and External  
**Course duration (full-time):** 4 Years  
**Course duration (part-time):** 6 Years  
**Course duration (external):** 6 Years  
**Total credit points:** 384  
**Standard credit points per semester (full-time):** 48  
**Course coordinator:** Director, Undergraduate Programs

### Distance Education (External) Special Entry Requirements

Entry to the distance education (external) mode of the course is restricted to applicants who reside in Australia outside a 30km radius of the Gardens Point Campus. Preference for entry to the distance education course may be given to applicants who have been offered five year articles of clerkship by a solicitor or who are employed by a Magistrates Court or the Justice Department and undertake legal functions in their work.

### Other Course Requirements

It is a requirement that distance education students participate in two three-day attendance schools per year in addition to the orientation attendance school for commencing students only. The attendance schools are an integral component of the distance education course and are compulsory. When undertaking the course via distance education, it is the students responsibility to ensure they have access to a suitable law library.

### Professional Recognition

The QUT Bachelor of Laws course is an approved degree for the purposes of the Solicitors Admission Rules and Barristers Admission Rules. Accordingly, it enables graduates to satisfy the academic requirements for admission to practise as a solicitor and/or barrister in all Australian states and territories. The QUT LLB degree qualification is also recognised for admission purposes in West and East Malaysia, Fiji and Papua New Guinea.

### Course structure - Full-time Program

#### Year 1 Semester 1

- Introduction to Legal Research  
- Contracts A  
- Fundamentals Of Torts  
- Legal Institutions And Method  
- Law, Society And Justice

#### Year 1 Semester 2

- Contracts B  
- Select Issues In Torts  
- Legal Research And Writing  
- Laws And Global Perspectives

#### Year 2 Semester 1

- Introduction To Public Law  
- Real Property A  
- Fundamentals Of Criminal Law  
- Principles Of Equity

#### Year 2 Semester 2

- Australian Federal Constitutional Law  
- Real Property B  
- Criminal Responsibility  
- Trusts

#### Year 3 Semester 1

- Trusts  
- Corporate And Personal Property Law  
- Theories Of Law  
- Elective Units

#### Year 3 Semester 2

- Commercial And Personal Property Law  
- Administrative Law  
- Corporate Law  
- Elective Units

#### Year 4 Semester 1

- Civil Procedure  
- Evidence  
- Advanced Research And Legal Reasoning  
- Elective Units

#### Year 4 Semester 2

- Professional Responsibility  
- Elective Units

### Course structure - Part-time/External Program

#### Year 1, Semester 1

- Introduction to Legal Research  
- Legal Institutions And Method  
- Law, Society And Justice

#### Year 1, Semester 2

- Legal Research And Writing  
- Laws And Global Perspectives

#### Year 2, Semester 1

- Contracts A  
- Fundamentals Of Torts  
- Select Issues In Torts

#### Year 2, Semester 2

- Introduction To Public Law  
- Real Property A  
- Principles Of Equity

#### Year 3, Semester 1

- Administrative Law  
- Fundamental Of Criminal Law  
- Theories Of Law  
- Elective Units

#### Year 3, Semester 2

- Corporate Law  
- Theories Of Law  
- Elective Units

#### Year 4, Semester 1

- Criminal Responsibility  
- Administrative Law  
- Elective Units

#### Year 4, Semester 2

- Commercial And Personal Property Law  
- Elective Units

#### Year 5, Semester 1

- Corporate Law  
- Elective Units

#### Year 5, Semester 2

- Civil Procedure  
- Advanced Research And Legal Reasoning  
- Electives Units

#### Year 6, Semester 2

- Professional Responsibility  
- Elective Units

### Course structure - Special Accelerated Full-time Program

#### Year 1, Semester 1

- Introduction to Legal Research  
- Contracts A  
- Fundamentals Of Torts  
- Legal Institutions And Method  
- Law, Society And Justice

#### Year 1, Semester 2

- Contracts B  
- Select Issues In Torts  
- Legal Research And Writing  
- Laws And Global Perspectives

#### Year 2, Semester 1

- Introduction To Public Law  
- Real Property A  
- Criminal Responsibility  
- Trusts

#### Year 2, Semester 2

- Australian Federal Constitutional Law  
- Real Property B  
- Fundamentals Of Criminal Law  
- Principles Of Equity

#### Year 3 Semester 1

- Commercial And Personal Property Law  
- Theories Of Law  
- Elective Units

#### Year 3 Semester 2

- Administrative Law  
- Corporate Law  
- Elective Units

#### Year 4 Semester 1

- Civil Procedure  
- Evidence  
- Advanced Research And Legal Reasoning  
- Elective Units

#### Year 4 Semester 2

- Professional Responsibility  
- Elective Units

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LWB333 Theories Of Law

**Year 2, Semester 2**
- LWB235 Australian Federal Constitutional Law
- LWB237 Real Property B
- LWB239 Criminal Responsibility
- LWB241 Trusts
- LWB334 Corporate Law

**Year 3, Semester 1**
- LWB332 Commercial And Personal Property Law
- LWB431 Civil Procedure
- LWB432 Evidence
- LWB434 Advanced Research And Legal Reasoning
  - Elective Units

**Year 3, Semester 2**
- LWB331 Administrative Law
- LWB433 Professional Responsibility
  - Elective Units

**Course structure - Special Accelerated Part-Time/External Program**

**Year 1, Semester 1**
- Introduction to Legal Research
- LWB141 Legal Institutions And Method
- LWB142 Law, Society And Justice

**Year 1, Semester 2**
- LWB143 Legal Research And Writing
- LWB144 Laws And Global Perspectives

**Year 2, Semester 1**
- LWB136 Contracts A
- LWB138 Fundamentals Of Torts
- LWB238 Fundamentals Of Criminal Law

**Year 2, Semester 2**
- LWB137 Contracts B
- LWB139 Select Issues In Torts
- LWB239 Criminal Responsibility

**Year 3, Semester 1**
- LWB231 Introduction To Public Law
- LWB236 Real Property A
- LWB240 Principles Of Equity

**Year 3, Semester 2**
- LWB235 Australian Federal Constitutional Law
- LWB237 Real Property B
- LWB241 Trusts

**Year 4, Semester 1**
- LWB332 Commercial And Personal Property Law
- LWB333 Theories Of Law
  - Electives

**Year 4, Semester 2**
- LWB331 Administrative Law
- LWB334 Corporate Law
  - Elective Units

**Year 5, Semester 1**
- LWB431 Civil Procedure
- LWB434 Advanced Research And Legal Reasoning
  - Elective Units

**Year 5, Semester 2**
- LWB432 Evidence
- LWB433 Professional Responsibility
  - Elective Units
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OVERVIEW

The Faculty of Science seeks to provide graduates with interesting and rewarding careers.

Fully equipped scientific and computing laboratories and state-of-the art lecture theatres assist in the practical delivery of innovative teaching programs.

The Deans Scholars Accelerated Honours Program for high achieving students fast tracks science studies while workplace learning links with industry provide students with the opportunity to earn a salary while progressing through their degree.

Double degree options are available as part of a flexible program of academic studies.

The Faculty offers a range of courses within its four multi-disciplinary schools: School of Life Sciences, School of Mathematical Sciences, School of Natural Resource Sciences and School of Physical and Chemical Sciences.

Science education in the Faculty is further enriched by a number of research programs which come under the control of the Science Research Centre.

The School of Life Sciences offers studies in courses focused on medical sciences, biotechnology, microbiology, bioinformatics and biochemistry. The School enjoys close working relationships with industry which, in turn, help to provide students with a ‘hands-on’ approach to all of its courses.

The School of Mathematical Sciences offers studies in applied mathematics, mathematical finance, applied statistics, scientific computation and visualisation, and operations research. There is an emphasis on the applications of mathematics and many of the units are enriched by examples from business and industry.

The School of Natural Resource Sciences offers major studies in environmental science, ecology and geoscience, complemented with the co-majors in biodiversity, and applied geology.

Environmental Science is offered at the Carseldine campus as well as at Gardens Point.

The School of Physical and Chemical Sciences offers majors in both Physics and Chemistry with co-majors in astrophysics, applied physics, forensic science and industrial chemistry. The School also offers courses in medical imaging technology and radiotherapy technology, leading to careers in diagnostic and therapeutic radiography.

SENIOR STAFF

Faculty Office
Dean: Professor G. George, BSc(Hons) PhD Qld, CChem, FRACI
Director of Research: Professor J.L. Dale, BScAgr PhD Syd
Director of Postgraduate Studies: Associate Professor P.M. Fredericks, BSc(Hons) DPhil Sus, CChem, FRACI
Director of Academic Programs: A.T. Grenfell, BSc(Hons) DipEd PhD Qld
Faculty Administration Manager: S.Bee, BSc GradDipAdmin Griff JP(Qual)

School of Life Sciences
Head: Professor A.C. Herrington, BSc(Hons) PhD Monash
Professors:
J.A. Clements, BAppSc MAppSc RMIT, PhD Monash
P. Timms, MSc PhD Qld, FASM
Associate Professors:
R.M. Harding, BSc(Hons), PhD Qld
C.P. Morris, BSc(Hons) PhD Adel

School of Mathematical Sciences
Head: Professor A.N. Pettitt, BSc(Hons) MSc PhD Nott, FSS, MSSAI
Professor: D.L.S. McElwain, BSc(Hons) Qld, PhD York (Canada)
Associate Professors:
V.V. Anh, BSc(Hons) PhD Tax, MSc NE, FAustMS, MSSAI, MIEEE
E. Kozan, BSc, MSc Middle East, PhD Hacettepe, MASOR
H. MacGillivray, BSc(Hons) PhD Qld, MSSAI

School of Natural Resource Sciences
Head: Associate Professor D.A. Gust, BA Lawrence, MA Rice, PhD ANU
Associate Professor: P. B. Mather, BSc(Hons) PhD Lot

School of Physical and Chemical Sciences
Head: Professor J.M. Pope, BSc(Hons) MSc Brist., DPhil Sus, FAIP
Professor: L. Morawska, MSc(Physics) PhD(Physics)
Jagiellonian
Associate Professors:
P.M. Fredericks, BSc(Hons) DPhil Sus, CChem, FRACI
B.J. Thomas, BSc(Hons) PhD WInst, MAIP, FACPSEM
R.L.W. Frost, BEd MSc PhD Qld

RESEARCH CENTRES

Science Research Centre
The Science Research Centre (SRC) provides an environment within which a variety of programs interact, developing new and innovative collaborations at the interface between disciplines.

Our knowledge of nature is expanding at virtually an exponential rate and with this comes opportunities in complex areas requiring multi-disciplinary research teams. The SRC has been structured so as to capture opportunities in these multi-disciplinary projects, bringing together the expertise from different research programs to focus on a complex research problem.

The SRC has a broad range of programs which are grouped within four clusters: molecular biotechnology, physical and chemical sciences, natural resources and mathematical sciences. These clusters provide and maintain state of the art technology and equipment and facilities; importantly, these facilities are shared across the SRC and are available to all programs giving researchers and research students access to the extensive range of equipment and technologies with the SRC.

Research Programs
Plant Biotechnology
Program Leader: Professor James Dale
Phone: +61 7 3864 2557

Biological Systems Research
Program Leader: Dr John Wilson
Phone: +61 7 3864 2447

Quaternary Earth and Water Systems (QEWS)
Program Leader: Dr Mal Cox
Phone: +61 7 3864 1649

Tissue BioRegeneration and Integration
Program Leader: Dr Zee Upton
Phone: +61 7 3864 2342

Inorganic Materials
Program Leader: Associate Professor Ray Frost
Phone: +61 7 3864 2407

Medical Physics
Program Leader: Dr Bruce Cornish
Phone: +61 7 3864 1581
**Applied Optics**  
Program Leaders: Dr Ian Cowling and Dr Dmitri Gramotnev  
Phone: +61 7 3864 2592

**Statistics and Operations Research**  
Program Leaders: Associate Professor Vo Anh and Associate Professor Erhan Kozan  
Phone: +61 7 3864 5195 or +61 7 3864 1029

**Applicable Mathematics and Advanced Computing (AMAC)**  
Program Leader: Professor Sean McElwain and Dr Ian Turner  
Phone: +61 7 3864 5185 or +61 7 3864 2259

**Infectious Diseases**  
Program Leader: Professor Peter Timms  
Phone: +61 7 3864 2120

**Air Quality and Health**  
Program Leader: Professor Lidia Morawska  
Phone: +61 7 3864 2616

**Hormone-Dependent Cancer**  
Program Leader: Professor Judith Clements  
Phone: +61 7 3864 1899

**Synthesis and Molecular Recognition**  
Program Leader: Dr Steven Bottle  
Phone: +61 7 3864 1356

**Cooperative Research Centre for Diagnostics**  
Phone: +61 7 3864 1296

The CRC for Diagnostics based at QUT is a cooperative venture between research organisations (QUT, LaTrobe University, CSIRO and Child Health Research Institute) and commercial companies (PANBIO Ltd and Queensland Medical Laboratory). Centre participants are located in Queensland, Victoria and South Australia. Through effective technology transfer, outcomes will be: reduced health care costs through the better targeting of therapeutics, earlier diagnosis, and exploitation of genomics and proteomics information to allow greater specificity in diagnosis and treatment of an individual. Achievements to date include the multi-million dollar sale of a DNA detection method to Affymetrix (a large US biotechnology company) and the formation in 2002 of a new company, Evogenix, based in Melbourne. Other achievements include numerous patented DNA detection methods and diagnostic kits. Originally formed as the CRC for Diagnostic Technologies in 1995, this $80 million centre was re-funded as a new centre in 2001 and is jointly funded by the participants and the Commonwealth and State Governments.

**Research Programs**

- Protein profiling: discovery of new target molecules using array technologies
- High Affinity Reagents: identification of novel reagents and platforms for library construction
- Genome Diagnostics: discovery of SNPs for human physical characteristics and disease
- Infectious Disease Diagnostics
- Homogenous Reporter Systems for one-step diagnostic assays
Master of Applied Science (Life Science) (LS80)

Award title: Master of Applied Science (Life Science)
CRICOS code: 018479B
Location: Gardens Point
Course duration (full-time): 1.5 years
Course duration (part-time): 3 years
Total credit points: 144

From the list above.

Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24

Course coordinator: Dr Mark O’Brien

Professional Recognition
Graduates are eligible to join the AusBiotech, the Australian Society for Biochemistry and Molecular Biology, and the Australian Society for Microbiology.

Course structure - Full-time

Year 1, Semester 1
LSB127 Business Aspects of Biotechnology
Or
LSB509 Medical Biotechnology
Or
LSB577 Plant Biotechnology 1
In consultation with the course coordinator, choose 24 credit points from the following units:
LSB537 Genetic Engineering
LSB509 Medical Biotechnology
LSB577 Plant Biotechnology 1
LSB850 Research Strategies
JSN014 Law, Justice And New Genetic Technologies
HBB270 Gene Technology And Ethics
GSN408 Fundamentals of Marketing Management
GSN418 Marketing Strategy Development
Students who qualify for an exemption from LSB509 or LSB577 on the basis of undergraduate studies are required to undertake an additional unit from the list above.

Year 1, Semester 2
BSB311 Research, Development and Commercialisation Strategies
Or
LSB609 Medical Biotechnology 2
Or
LSB677 Plant Biotechnology 2
In consultation with the course coordinator, choose 24 credit points from the following units:
LSB619 Genomics & Bioinformatics
LSB609 Medical Biotechnology 2
LSB677 Plant Biotechnology 2
LSB850 Research Strategies
LSB607 Protein Purification
MGN409 Introduction to Management
GSN408 Fundamentals of Marketing Management
GSN418 Marketing Strategy Development
Students who qualify for an exemption from LSB509 or LSB577 on the basis of undergraduate studies are required to undertake an additional unit from the list above.

Year 2, Semester 1
LSN710 Project

Please note: Students who will NOT be undertaking a research project choose 48 credit points from the following units in consultation with the course coordinator. No credit will be given for any units already taken within an undergraduate degree. You are expected to undertake a program of study that extends the coursework within your undergraduate degree.

LSB509 Medical Biotechnology
LSB577 Plant Biotechnology 1
LSB537 Genetic Engineering
LSB850 Research Strategies
LSN160 Epidemiology for Life Scientists
HBB270 Gene Technology And Ethics
HBN408 Global Business Operations
MAB523 Introduction to Quality Management
GSN408 Fundamentals of Marketing Management
GSN418 Marketing Strategy Development
Students who qualify for an exemption from LSB509 or LSB577 on the basis of undergraduate studies are required to undertake an additional unit from the list above.

Course structure - Part-time

Year 1, Semester 1
LSB127 Business Aspects of Biotechnology
Or
LSB509 Medical Biotechnology
Or
LSB577 Plant Biotechnology 1
Year 1, Semester 2
BSB311 Research, Development and Commercialisation Strategies
Or
LSB609 Medical Biotechnology 2
Or
LSB677 Plant Biotechnology 2
Year 2, Semester 1
In consultation with the course coordinator, select 24 credit points under Year 1 Semester 1 in the above full-time course
Year 2, Semester 2
In consultation with the course coordinator, select 24 credit points under Year 1 Semester 2 in the above full-time course
Year 3, Semester 1
LSN711 Project 1
For those students who will not be undertaking a research project, in consultation with the course coordinator, select 24 credit points under Year 1 Semester 1 in the above full-time course
Year 3, Semester 2
LSN712 Project 2
For those students who will not be undertaking a research project, in consultation with the course coordinator, select 24 credit points under Year 1 Semester 2 in the above full-time course

Master of Applied Science (Medical Physics) (PH80)

Award title: Master of Applied Science (Medical Physics)
CRICOS code: 043548G
Location: Gardens Point
Course duration (full-time): 1.5 years
Course duration (part-time): 3 years
Total credit points: 144

Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24

Course coordinator: Assoc Prof Brian J Thomas
Discipline coordinator: Dr Greg Michael

Other Majors
See also the separate entry for the following major in this course: Master of Applied Science (Medical Ultrasound).

Course Design
This degree consists of two stages. Stage 1 (which is equivalent to the Graduate Diploma - PH71) comprises assessed coursework such as advanced lectures, seminars, reading courses or independent study. If undertaken full-time, students will need an average of 14 hours a week of formal contact.

In Stage 2 (Master of Applied Science - PH80) students undertake a program of supervised research and investigation that can be completed at QUT, or in a suitable external institution. Students can graduate with a Graduate Diploma in Medical Physics after satisfactory completion of Stage 1.

Course structure
STAGE 1: To complete Stage 1, students must complete units from the list below, totalling 96 credit points:
First Semester
LSB142 Human Anatomy and Physiology
PCN113 Radiation Physics
PCN114 Microprocessors and Instrumentation
PCN211 Physics of Medical Imaging
Second Semester
PCN112 Medical Imaging Science
PCN212 Radiotherapy Physics
PCN214 Health and Occupational Physics
PCN218 Research Methodology and Professional Studies
STAGE 2:
Project Over One Semester or Summer Program
PCN520 Project (FT)
Course structure

STAGE 1: Students must complete the units listed below (total 96 credit points)

<table>
<thead>
<tr>
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<th>Semester 2</th>
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</thead>
<tbody>
<tr>
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<td>PCN197 Clinical Attachment 1</td>
</tr>
<tr>
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</tr>
<tr>
<td>PCN197 Clinical Attachment 1</td>
<td>PCN357 Advanced Ultrasound Topics</td>
</tr>
<tr>
<td>PCN355 Vascular Ultrasound</td>
<td></td>
</tr>
</tbody>
</table>

Semester 2

| PCN297 Clinical Attachment 2 |
| PCN297 Clinical Attachment 3 |
| PCN218 Research Methodology and Professional Studies |

Note: A student may request an extension of time in which to submit the project report for assessment. A request for an extension of time up to a maximum of six months shall be made in writing through the Head of School to the Dean. Any request for a further extension, or any request for an extension to a date later than six months after the original due date, shall be made in writing to the Academic Board. The Academic Board may grant the extension under such conditions as it may consider appropriate, or may award the student a ‘Fail’ result in the project unit. A student who has received a ‘Fail’ result in the project unit may re-enrol in the unit only in exceptional circumstances and with the express permission of the Academic Board.

Master of Applied Science (Medical Ultrasound) (PH80)

Award title: Master of Applied Science (Medical Ultrasound)
Location: Gardens Point
Course duration (part-time): 3 years
Total credit points: 144
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Assoc Prof Brian Thomas
Discipline coordinator: Dr Lucia Pemble

Other Majors
See also the separate entry for the following major in this course: Master of Applied Science (Medical Physics).

Professional Recognition
This course is accredited with the Australasian Sonographer Accreditation Registry (ASAR).

Course Design
This degree consists of two stages. Stage 1 (Graduate Diploma - PH71) takes four semesters of part-time study to complete. Students must show that they have access to suitable clinical experience for the duration of Stage 1 before beginning the degree. Lectures are conducted in intensive four to five week blocks in each semester. Students undertake clinical experience throughout the semester.

Stage 2 (Master of Applied Science - PH80) involves completion of a research project and submission of a thesis. Students can undertake this project externally under QUT staff supervision on appointment of a suitable external supervisor. This stage takes two semesters part-time to complete after successful completion of Stage 1.

Course structure

STAGE 1: Students must complete the units listed below (total 96 credit points)

<table>
<thead>
<tr>
<th>Semester 1</th>
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<td></td>
</tr>
</tbody>
</table>

Semester 2

| PCN297 Clinical Attachment 2 |
| PCN297 Clinical Attachment 3 |
| PCN218 Research Methodology and Professional Studies |

Note: A student may request an extension of time in which to submit the project report for assessment. A request for an extension of time up to a maximum of six months shall be made in writing through the Head of School to the Dean. Any request for a further extension, or any request for an extension to a date later than six months after the original due date, shall be made in writing to the Academic Board. The Academic Board may grant the extension under such conditions as it may consider appropriate, or may award the student a ‘Fail’ result in the project unit. A student who has received a ‘Fail’ result in the project unit may re-enrol in the unit only in exceptional circumstances and with the express permission of the Academic Board.

Master of Applied Science (Research) (SC80)

Award title: Master of Applied Science
CRICOS code: 014020C
Location: Gardens Point
Course duration (full-time): 2 years
Course duration (part-time): 4 years
Total credit points: 192
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Assoc Prof Peter Fredericks
Discipline coordinator: Dr Godwin Ayoko (Chemistry); Dr Terry Walsh (Life Sciences); Assoc Prof Vo Anh (Mathematics); Assoc Prof Peter Mather (Natural Resource Sciences); Assoc Prof Brian J Thomas (Physics)

Course Design
This degree consists of coursework that can comprise up to one-third of the course and research, which must be at least two-thirds of the course. The assessed coursework may be in the form of advanced lectures, seminars, reading courses, or independent study designed to focus on information retrieval skills. The research component is a program of supervised research and investigation at a level of scientific competence significantly higher than that expected from an undergraduate degree and, typically, a masters thesis does not need to be as substantial as a Doctor of Philosophy thesis.

Students undertake a program of research and investigation on a topic approved by the Academic Board. All projects should be sponsored either by outside agencies such as industry, government authorities, or professional organisations, or by the University itself.

Students entering the course with an honours degree or its equivalent to candidates with substantial relevant work experience normally gain exemptions to a maximum of 96 credit points at the discretion of the Academic Board on the recommendation of the Head of School.

Students entering the course with a graduate diploma may gain exemption to a maximum of 96 credit points at the discretion of the Academic Board on the recommendation of the Head of School.

A full-time candidate who does not hold an honours degree appropriate to the course of study will normally be required to complete both course and research work, including submission of the thesis for examination during a period of registration of 24 months. The corresponding period in the case of a part-time candidate shall be 48 months. In special cases the Academic Board may approve a shorter period.

A holder of an honours degree or its equivalent appropriate to the course of study may submit the thesis for examination after not less than 12 months of registration if a full-time student, or 24 months if a part-time student. In special cases the Academic Board may approve a shorter period.

1. General Conditions

1.1 The Council of the Queensland University of Technology was established in 1989 under the Queensland University of Technology Act 1988.
1.2 The Council’s power to approve recommendations from faculty academic boards regarding the registration, supervision and examination of research degree candidates and to develop policy and procedure relating to research degrees is exercised through a Research Management Committee which shall be a subcommittee of University Academic Board.

1.3 Research Management Committee has delegated responsibility for day-to-day administration of research masters degree courses to faculty academic boards. Academic boards shall report semi-annually to the Research Management Committee on progress made by research masters degree candidates.

1.4 Unless the context otherwise indicates or requires, the words academic board and faculty shall refer to the faculty in which the candidate registers.

1.5 In order to qualify for the award of the degree of Master of Applied Science, a candidate must:
- have completed the approved course of study under the supervision prescribed by the Academic Board
- have submitted, and the Academic Board have accepted, a thesis prepared under the supervision of the supervisor
- have completed any other work prescribed by the Academic Board, and submit to the Academic Board a declaration signed by the candidate that he/she has not been a candidate for another tertiary award without permission of the Academic Board during the term of enrolment.

2. Registration

2.1 Applications shall be accepted subject to the availability of facilities and supervision.

2.2 Applications may be lodged with the Registrar at any time.

2.3 The minimum academic qualifications for admission to a program leading to a Master of Applied Science shall be:
- possession of a bachelor degree in applied science from the Queensland University of Technology, or
- possession of an equivalent qualification, or
- submission of such other evidence of qualifications as will satisfy the Academic Board that the candidate possesses the capacity to pursue the course of study.

2.4 Additional requirements for admission to a particular program may be laid down by the Academic Board.

2.5 In considering an applicant for registration the Academic Board shall, in addition to assessing the applicants suitability, assess the proposed program and its relevance to the aims and objectives of the University.

2.6 A candidate may register either as a full-time or as a part-time student.

2.6.1 To be registered as a full-time student, a candidate must be able to commit to the course not less than three-quarters of a normal working week, averaged over each year of candidacy. Such a student may not devote more than 300 hours annually to teaching activities, including preparation and marking.

2.6.2 A candidate who is unable to devote to the course the proportion of time specified in section 2.6.1 may register as a part-time student.

2.7 A candidate may be internal or external. An external candidate is one whose program of research and investigation is based at a place of employment or sponsoring institution. Normally, support of the sponsoring institution for the candidates application is required for a registration.

2.8 The Academic Board may cancel a candidates registration if, after consulting a candidates supervisors and having taken account of all relevant circumstances, the Academic Board is of the opinion that the candidate either has effectively discontinued his/her studies or has no reasonable expectation of completing the course of study within the maximum time allowed (see section 4).

2.9 A candidate whose registration has lapsed or has been cancelled and who wishes subsequently to re-enter the course to undertake a program which is the same or essentially the same as the previous program may be re-admitted under such conditions as the Academic Board may prescribe.

3. Course of Study

3.1 A candidate for the degree of Master of Applied Science shall undertake a program of research and investigation on a topic approved by the Academic Board. All projects should be sponsored either by outside agencies such as industry, government authorities, or professional organisations, or by the University itself.

3.2 The program must be such as to enable the candidate to develop and demonstrate a level of scientific competence significantly higher than that expected of a first degree graduate. The required competence normally would include mastery of relevant techniques, investigatory skills, critical thinking, and a high level of knowledge in the specialist area.

3.3 The program includes both coursework and research. The coursework is a program of up to 64 credit points as defined in sections 3.5 and 3.6 as appropriate for each candidate. The research component is a program of supervised research and investigation of at least 128 credit points (see 3.1 and 3.2).

3.4 The students progress will be monitored continually throughout the first 96 credit points of the course. Where the School Research Committee, on the advice of the supervisors, is of the opinion that progress is not satisfactory, the student will be advised to consider transferring his/her enrolment to the SC71 Graduate Diploma in Applied Science course.

3.5 Coursework at masters level may be conducted in a number of ways such as:
- advanced lecture courses
- seminars in which faculty and students present critical studies of selected problems within the subject field
- independent study or reading courses

In all cases, coursework is based upon a formal syllabus setting out the educational outcomes expected from the course, a list of topics to be covered, the prescribed reading material and the method of assessment of progress through and at the end of the course.

3.6 A candidate shall be required to participate in and present seminars as considered appropriate by the Principal Supervisor. The candidate shall be notified of minimum attendance requirements at the time of acceptance of enrolments.

3.7 Students entering the course with an Honours degree or its equivalent or candidates with substantial relevant work experience normally gain exemptions to a maximum of 96 credit points at the discretion of the Academic Board on the recommendation of the Head of School.

3.8 Students entering the course with a Graduate Diploma may gain exemption to a maximum of 96 credit points at the discretion of the Academic Board on the recommendation of the Head of School.

3.9 An application for registration should set out the candidates intended course of study in broad outline but with specific objectives for the first year. The description should include the area of study within which the candidates course lies, the coursework to be undertaken and the proposed title of the thesis to be written.

At an appropriate time during the first year of full-time study or its equivalent the candidate must document and have approved by Academic Board on the recommendation of the Head of School a detailed course of study for the entire program. This description must include in addition to the proposed thesis title, the aim of the proposed program of research and investigation, its background, the significance and possible application of the research program, and the research plan.
4. Period of Time for Completion of Course of Study
4.1 A full-time candidate who does not hold an Honours degree appropriate to the course of study will normally be required to complete both course and research work, including submission of the thesis for examination during a period of registration of 24 months. The corresponding period in the case of a part-time candidate shall be 48 months. In special cases the Academic Board may approve a shorter period.

4.2 A holder of an Honours degree or its equivalent appropriate to the course of study may submit the thesis for examination after not less than 12 months of registration if a full-time student, or 24 months if a part-time student. In special cases the Academic Board may approve a shorter period.

4.3 Where application is made for permission to extend the period within which the candidate may submit a thesis for examination, details of the candidates progress shall be presented to the Academic Board together with the reasons for the delay in completing the work and the expected date of completion. Where the Academic Board agrees to an extension, it may set a limit to the maximum period of registration in the program.

5. Transfer of Registration
5.1 Where a candidate has undertaken part of a proposed course of study as a registered student in another institution, this period of registration may, on application in writing to the Academic Board at the time of application for registration, be counted towards the candidates period of registration in the QUT course. The application must include details of the work already undertaken, the reasons for the transfer and the expected date of completion.

5.2 Applications for transfer normally should be submitted at least 12 months in advance of the probable date of submission of the thesis.

6. Supervision
6.1 For each candidate the Academic Board shall appoint one or more supervisors with appropriate experience provided that, where more than one supervisor is appointed, one shall be nominated as the Principal Supervisor and the others as Associate Supervisors.

6.2 In the case of an internal student, the Principal Supervisor normally shall be from the academic staff of the school where the student carries out the work.

6.3 In the case of an external student, the Principal Supervisor normally shall be from the academic staff of the school supporting the work and at least one Associate Supervisor shall be from the sponsoring organisation.

6.4 At the end of each six-month period a student shall submit a report on the work undertaken to the Principal Supervisor and the Academic Board when the thesis is submitted. The period of the work, application for approval must be made to the 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.

6.5 Subject to QUT’s Intellectual Property policy, the copyright of the thesis shall be vested in the candidate.

6.6 Where a candidate or the sponsoring establishment wishes the thesis to remain confidential for a period of time after completion of the work, the Academic Board shall be advised of the extent of the candidates contribution to the joint work.

6.7 The thesis shall contain an abstract of not more than 300 words.

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 the 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:

8.3.1 A significant portion of the work described must have been carried out subsequent to initial registration for the degree.

8.3.2 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.

8.3.3 It must reach a satisfactory standard of literary presentation.

8.3.4 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.

8.3.5 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.

8.3.6 Supporting documents, such as published papers, may be submitted with the thesis if they have a bearing on the subject of the thesis.

8.3.7 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 will be released on request providing the examiner has indicated willingness to have his/her identity revealed to the candidate.

Coursework
The unit IFN001 Advanced Information Retrieval Skills (4 credit points) should normally be included.

The coursework units for individual strands are as follows. All the units shown are units designed for this course. Selections from other courses may be approved.

Course structure - Chemistry Strand
PCN701 Topics in Advanced Chemistry 1
PCN705 Research Methodology
PCN801 Topics in Advanced Chemistry 2
Select two of the following Electives Units:
PCN710 Chemical Instrumentation
PCN720 Chemometrics
PCN730 Advanced Physical Methods in Chemistry
PCN740 Laboratory Techniques for Preparative Chemistry

Course structure - Ecology, Environmental Science & Geoscience Strands
NRN100 Readings in Natural Resource Sciences 1
NRN102 Seminars in Natural Resource Sciences 1
NRN103 Seminars in Natural Resource Sciences 2
Select up to two of the following units if required:
NRN101 Readings in Natural Resource Sciences 2
NRN104 Advanced Topics in Natural Resource Sciences 1
NRN105 Advanced Topics in Natural Resource Sciences 2

Course structure - Life Science Strand
LSN011 Research Seminars in Life Science 1
LSN013 Readings in Life Science 2
LSN023 Research Seminars in Life Science 3

Course structure - Mathematics Strand
Selections from other School programs to a maximum of 60 credit points

Course structure - Physics Strand
PCN715 Advanced Topics in Physics 1
PCN716 Advanced Topics in Physics 2
and/or alternative unit(s) approved by the Physics coordinator

Research Work
The Research Work component of the degree must constitute at least 128 credit points. The units below have been devised to represent the EFTSU (Effective Full-time Student Unit) and attendance type of graduate research students.

Full-time Students
The minimum number of credit points per semester for full-time status is 36. The standard number is 48. The end of each semester a grade of T - Assessment Continues will be awarded in any IFNXXX units provided satisfactory progress is being maintained. A final grade (S - Satisfactory or U - Unsatisfactory) will be awarded once the thesis has been examined according to the degree rules.

Full-time Course Structure
Full-time students undertaking research but no coursework units enrol in:
IFN100 Full-time Masters Research

Full-time students who are required to undertake coursework units in addition to their research as part of their masters enrolment should enrol in a combination of the following units. These should total (in combination with the coursework unit/s) as close as possible to 48 credit points per semester.
IFN300 Masters Research (36 credit points)
IFN301 Masters Research (24 credit points)
IFN302 Masters Research (12 credit points)
IFN303 Masters Research (8 credit points)
IFN304 Masters Research (6 credit points)

Part-time Students
The maximum number of credit points per semester for part-time status is 36. The standard number is 24. At the end of each semester a grade of T - Assessment Continues will be awarded in any IFNXXX units provided satisfactory progress is being maintained. A final grade (S - Satisfactory or U - Unsatisfactory) will be awarded once the thesis has been examined according to degree rules.

Part-time Course Structure
Part-time students undertaking research but no coursework units enrol in:
IFN200 Part-time Masters Research

Part-time students who are required to undertake coursework units in addition to their research as part of their masters enrolment should enrol in a combination of the following units. These should total (in combination with the coursework unit/s) as close as possible to 24 credit points:
IFN302 Masters Research (12 credit points)
IFN303 Masters Research (8 credit points)
IFN304 Masters Research (6 credit points)

■ Master of Cardiac Ultrasound (PH85)

Award title: Master of Cardiac Ultrasound
Location: Gardens Point
Course duration (part-time): 3 years

Total credit points: 144
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24

Course coordinator: Bonita Anderson

Professional Recognition
This course is accredited with the Australasian Sonographer Accreditation Registry (ASAR).

Course Design
This course consists of two stages. Stage 1 (Graduate Diploma in Cardiac Ultrasound - PH75) takes two years of part-time study to complete. Students must be employed in a suitable clinical practice with adequate access to clinical cardiac ultrasound experience for the duration of the course. If students are not based in Brisbane, this structure allows attendance by offering the formal classroom component in an intensive one-week block in each semester.

Stage 2 (Master of Cardiac Ultrasound - PH85) involves the completion of a research project and submission of a thesis. Students can undertake this project internally at QUT, or externally under QUT staff supervision and the guidance of a suitable external supervisor. This stage would normally take one year part-time to complete.

Course structure
STAGE 1: To complete Stage 1, students must complete the units listed below (total 96 credit points):

First Semester
LSN259 Cardiac Anatomy, Embryology and Pathology
PCN162 Principles of Medical Ultrasound
PCN497 Clinical Attachment 4

Q U T H A N D B O O K 2 0 0 4 • P A G E 2 7 2
Second Semester
PCN259 Cardiac Ultrasound 1
PCN497 Clinical Attachment 4

Third Semester
PCN218 Research Methodology and Professional Studies
PCN359 Cardiac Ultrasound 2
PCN597 Clinical Attachment 5

Fourth Semester
PCN459 Advanced Cardiac Ultrasound
PCN597 Clinical Attachment 5
Note: The PCN497 and PCN597 clinical attachment units are 2 semester units.

STAGE 2: To complete Stage 2, students must complete the units listed below (48 credit points):
First Semester (Project Over Two Semesters)
PCN640 Project
PCN640-2 Project
Note: A student may request an extension of time in which to submit the project report for assessment. A request for an extension of time up to a maximum of six months shall be made in writing through the Head of School to the Dean. Any request for a further extension, or any request for an extension to a date later than six months after the original due date, shall be made to the Academic Board. The Academic Board may grant the extension under such conditions as it may consider appropriate, or may award the student a 'Fail' result in the project unit. A student who has received a 'Fail' result in the project unit may re-enrol in the unit only in exceptional circumstances and with the express permission of the Academic Board.

Master of Mathematical Science (MA85)

Award title: Master of Mathematical Science
CRICOS code: 046042K
Location: Gardens Point
Course duration (full-time): 3 semesters
Course duration (part-time): 3 years
Total credit points: 144
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Assoc Prof Vo Anh

Course Design
The program of study for an individual student will be decided in consultation with the course coordinator and will take into account the student’s background and area of interest within the mathematical sciences.

For the Masters program, at least 36 credit points must be taken from postgraduate mathematics units other than Mathematical Foundations and/or Mathematics. Up to 24 credit points can be taken from units other than mathematics units and there is a limit of 48 credit points from project units.

Course structure
A planned program of study should be decided in consultation with the Course Coordinator. It will take into account the student’s background and area of interest within the mathematical sciences. Strands represent areas of the mathematical sciences which may be of interest to students and the units listed under each strand can guide students in developing their planned program. Students will usually select units from one or two strands only. The unit MAN700 Project can be used to satisfy the rule requiring at least 24 credit points from postgraduate mathematics units other than MAN200 and/or MAN201.

The following postgraduate mathematics units are available in all strands (subject to the limit on credit points from project units):
MAN200 Mathematical Foundations
MAN201 Mathematics
MAN700 Project
MAN717 Minor Project
MAN787 Project
To undertake any of the project units, permission from the Course Coordinator is required. If students wish to take any of the above units they will need to discuss their plans and the proposed content with the Course Coordinator.

The following strand information is to assist students with unit selection. Students do not have to enrol in all units listed for a strand. The prerequisite units are given as a guide. Depending on a student’s background, they may have already covered some of the units listed (or equivalent units) in their undergraduate studies. If students have not studied any mathematics for some time, they may need to undertake one or two units prior to commencing those listed in the strand information.

Mathematical Modelling/Applied Mathematics:

Postgraduate Mathematics Units:
MAN761 Analysis
MAN762 Field Theory
MAN764 Applied Mathematical Modelling
MAN774 Perturbation Methods
Prerequisite Units:
MAB111 Mathematical Sciences 1B
MAB112 Mathematical Sciences 1C
MAB311 Advanced Calculus
MAB312 Linear Algebra
MAB413 Differential Equations
MAB422 Mathematical Modelling
MAB521 Applied Mathematics 3
MAB613 Partial Differential Equations
MAB672 Advanced Mathematical Modelling

Computational Mathematics:

Postgraduate Mathematics Unit:
MAN771 Computational Mathematics 4
Prerequisite Units:
MAB111 Mathematical Sciences 1B
MAB112 Mathematical Sciences 1C
MAB621 Discrete Mathematics

Statistics/Statistical Modelling:

Postgraduate Mathematics Units:
MAN526 Statistical Science
MAN624 Applied Statistics
MAN765 Bayesian Data Analysis
MAN766 Applied Time Series Analysis
Prerequisite Units:
MAB101 Statistical Data Analysis 1
MAB111 Mathematical Sciences 1B
MAB112 Mathematical Sciences 1C
MAB210 Statistical Modelling 1
MAB314 Statistical Modelling 2
MAB414 Applied Statistics 2
MAB524 Statistical Inference

Quantitative Analysis/Financial Mathematics:

Postgraduate Mathematics Units:
MAN526 Statistical Science
MAN624 Applied Statistics
MAN765 Bayesian Data Analysis
MAN766 Applied Time Series Analysis
MAN769 Mathematics of Finance
Prerequisite Units:
MAB101 Statistical Data Analysis 1
MAB111 Mathematical Sciences 1B
MAB112 Mathematical Sciences 1C
MAB210 Statistical Modelling 1
MAB312 Linear Algebra
MAB313 Mathematics of Finance
MAB314 Statistical Modelling 2
MAB413 Differential Equations
MAB414 Applied Statistics 2
MAB524 Statistical Inference
MAB623 Financial Mathematics

Operations Research:

Postgraduate Mathematics Units:
MAN768 Advanced Techniques in Operations Research
Prerequisite Units:
MAB111 Mathematical Sciences 1B
MAB112 Mathematical Sciences 1C
MAB210 Statistical Modelling 1
and may contain units selected from other postgraduate courses available within the Master of Applied Science (PH80) course. Coursework units will be selected from the specific units to 36 credit points as a minor research project.

Students must complete a total of 96 credit points which may include advanced lecture courses, seminars, reading courses or independent study designed to focus on information retrieval skills. Coursework units are chosen from those in the Master of Mathematical Sciences and approved by the Mathematics coordinator. Students can select up to 24 credit points from units offered by the Faculty of Education related to the teaching of mathematics.

### Graduate Diploma in Applied Science (SC71)

**Award title:** Graduate Diploma in Applied Science  
**CRICOS code:** 020314E  
**Location:** Gardens Point  
**Course duration (full-time):** 1 year  
**Course duration (part-time):** 2 years  
**Total credit points:** 96  
**Standard credit points per semester (full-time):** 48  
**Standard credit points per semester (part-time):** 24  
**Course coordinator:** Assoc Prof Peter Fredericks  
**Discipline coordinator:** Dr Godwin Ayoko (Chemistry); Dr Mark O’Brien (Life Science); Assoc Prof Vo Anh (Mathematics); Assoc Prof Peter Mather (Natural Resource Sciences); Assoc Prof Brian Thomas (Physics)

**Course Design**  
This coursework program allows students to complete a minor project in some disciplines. The assessed coursework may include advanced lecture courses, seminars, reading courses or independent study designed to focus on information retrieval skills. Coursework units are chosen from those in the Master of Applied Science course, and may contain units from other postgraduate courses, the Bachelor of Applied Science (Honours) program or advanced undergraduate programs. Candidates of the Graduate Diploma in Applied Science undertake a program of coursework, or coursework and a minor research project, as approved by the Academic Board on the advice of the Head of School.

Students must complete a total of 96 credit points which may consist of between 60 and 96 credit points of coursework, and up to 36 credit points as a minor research project. Coursework units will be selected from the specific units available within the Master of Applied Science (PH80) course and may contain units selected from other postgraduate courses or advanced undergraduate courses where the background of the student requires this.

**Course structure - Chemistry Strand**  
PCN701 Topics in Advanced Chemistry 1  
PCN705 Research Methodology  
PCN710 Chemical Instrumentation  
PCN720 Chemometrics  
PCN730 Advanced Physical Methods in Chemistry  
PCN740 Laboratory Techniques for Preparative Chemistry  
PCN801 Topics in Advanced Chemistry 2

### Course structure - Ecology, Environmental Science & Geoscience Strands

- NRN100 Readings in Natural Resource Sciences 1  
- NRN101 Readings in Natural Resource Sciences 2  
- NRN102 Seminars in Natural Resource Sciences 1  
- NRN104 Advanced Topics in Natural Resource Sciences 1  
- NRN105 Advanced Topics in Natural Resource Sciences 2

And units approved by the Strand Coordinator

**Course structure - Life Science Strand**  
LSN011 Research Seminars in Life Science 1  
LSN013 Readings in Life Science 3  
LSN023 Research Seminars in Life Science 3

**Course structure - Mathematics Strand**  
Units selected from other programs offered by the School of Mathematical Sciences and approved by the Mathematics coordinator.

**Course structure - Physics Strand**  
PCN715 Advanced Topics in Physics 1  
PCN716 Advanced Topics In Physics 2  
And/or alternative unit(s) approved by the Physics Coordinator

### Graduate Diploma in Applied Science (Medical Physics) (PH71)

**Award title:** Graduate Diploma in Applied Science (Medical Physics)  
**CRICOS code:** 020315D  
**Location:** Gardens Point  
**Course duration (full-time):** 1 year  
**Course duration (part-time):** 2 years  
**Total credit points:** 96  
**Standard credit points per semester (full-time):** 48  
**Standard credit points per semester (part-time):** 24  
**Course coordinator:** Assoc Prof Brian J Thomas  
**Discipline coordinator:** Dr Greg Michael

**Course Design**  
This degree comprises assessed coursework such as advanced lectures, seminars, reading courses or independent study. If undertaken full-time, students will need an average of 14 hours a week of formal contact. Students who have completed the Graduate Diploma may enter Stage 2 of the Master of Applied Science - PH80 where they undertake a program of supervised research and investigation that can be completed at QUT, or in a suitable external institution.

**Course structure**  
**First Semester**  
LNB142 Human Anatomy and Physiology  
PCN113 Radiation Physics  
PCN114 Microprocessors and Instrumentation  
PCN211 Physics of Medical Imaging

**Second Semester**  
PCN112 Medical Imaging Science  
PCN212 Radiotherapy Physics  
PCN214 Health and Occupational Physics  
PCN218 Research Methodology and Professional Studies

### Graduate Diploma in Applied Science (Medical Ultrasound) (PH71)

**Award title:** Graduate Diploma in Applied Science (Medical Ultrasound)  
**Location:** Gardens Point  
**Course duration (full-time):** 2 years  
**Total credit points:** 96  
**Standard credit points per semester (part-time):** 24  
**Course coordinator:** Assoc Prof Brian J Thomas  
**Discipline coordinator:** Dr Lucia Pemble
Professional Recognition
This course is accredited with the Australasian Sonographer Accreditation Registry (ASAR).

Course Design
This degree consists of two stages. Stage 1 (Graduate Diploma - PH71) takes four semesters of part-time study to complete. Students must show that they have access to suitable clinical experience for the duration of Stage 1 before beginning the degree. Lectures are conducted in intensive 4-5 week blocks in each semester. Students undertake clinical experience throughout the semester.

Stage 2 (Master of Applied Science - PH80) involves completion of a research project and submission of a thesis. Students can undertake this project externally under QUT staff supervision on appointment of a suitable external supervisor. This stage takes two semesters part-time to complete after successful completion of Stage 1.

Course structure - Part-time
STAGE 1: Students must complete the units listed below (total 96 credit points)

Semester 1
PCN159 Ultrasonic Examination 1
PCN162 Principles of Medical Ultrasound
PCN197 Clinical Attachment 1

Semester 2
PCN197 Clinical Attachment 1
PCN356 Ultrasonic Examinations 2

Semester 3
PCN297 Clinical Attachment 2
PCN355 Vascular Ultrasound
PCN357 Advanced Ultrasound Topics

Semester 4
PCN218 Research Methodology and Professional Studies
PCN297 Clinical Attachment 2

Notes
The PCN197 and PCN297 clinical attachment units are 2 semester units. Each clinical attachment unit (ie PCN197 and PCN297) involves clinical experience in the order of 3 days per week or equivalent.

Graduate Diploma in Biotechnology (LS70)
Award title: Graduate Diploma in Biotechnology
CRICOS code: 016957B
Location: Gardens Point
Course duration (full-time): 1 year
Course duration (part-time): 2 years
Total credit points: 96
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Dr Mark O’Brien

Professional Recognition
Graduates are eligible to join the AusBiotech, the Australian Society for Biochemistry and Molecular Biology, and the Australian Society for Microbiology.

Course Design
The program of study for an individual student will be decided in consultation with the course coordinator and will take into account the student’s background and area of interest in biotechnology.

The course consists of two stages: Stage 1 (Graduate Diploma in Biotechnology - LS70) and Stage 2 (Master of Applied Science (Life Science) - LS80).

The Graduate Diploma in Biotechnology comprises 96 credit points of assessed coursework in medical, plant and/or general biotechnology. Students can graduate with a Graduate Diploma in Biotechnology after successfully completing Stage 1. Students commencing in July enrol in semester two units first. Credit will not be given for any units already taken within an undergraduate degree, as students are expected to undertake a program of study that extends the coursework studied within an undergraduate degree.

In Stage 2, the Master of Applied Science (Life Science) - LS80, students may undertake a supervised research project either at QUT or in the workplace. Students must discuss research project areas prior to enrolment in this course to select both a suitable project and a project supervisor(s) prior to entry (or as soon as possible thereafter). While the School of Life Sciences has a wide range of research project areas available, it may not always be possible for students to conduct a research project exactly in the area they desire. Part-time students may also elect to do a research project at their place of work, with both a workplace supervisor and a QUT supervisor. Alternative options are available.

If students do not undertake a research project, additional coursework must be completed. Students will need to consult with the course coordinator in selecting additional coursework units. Please contact the course coordinator for further information and assistance in this regard.

Course structure - Full-time

Year 1, Semester 1
LSB127 Business Aspects of Biotechnology
Either
LSB509 Medical Biotechnology
Or
LSB577 Plant Biotechnology

In consultation with the course coordinator, choose 24 credit points from the following units:

LSB537 Genetic Engineering
LSB509 Medical Biotechnology
LSB577 Plant Biotechnology
LSB850 Research Strategies
JSN014 Law, Justice And New Genetic Technologies
HNB270 Gene Technology And Ethics
GSN408 Fundamentals of Marketing Management
GSN418 Marketing Strategy Development

Students who qualify for an exemption from LSB509 or LSB577 on the basis of undergraduate studies are required to undertake an additional unit from the list above.

Year 1, Semester 2
BSB311 Research, Development and Commercialisation Strategies
Either
LSB609 Medical Biotechnology
Or
LSB677 Plant Biotechnology

In consultation with the course coordinator, choose 24 credit points from the following units:

LSB619 Genomics & Bioinformatics
LSB609 Medical Biotechnology
LSB677 Plant Biotechnology
LSB850 Research Strategies
LSB607 Protein Purification
GSN409 Fundamentals of Marketing Management
GSN418 Marketing Strategy Development

Students who qualify for an exemption from LSB609 or LSB677 on the basis of undergraduate studies are required to undertake an additional unit from the list above.

Course structure - Part-time

Year 1, Semester 1
BSB311 Research, Development and Commercialisation Strategies
Either
LSB509 Medical Biotechnology
Or
LSB577 Plant Biotechnology

Year 1, Semester 2
MGN428 Managing New Businesses
Either
LSB609 Medical Biotechnology
Or
LSB677 Plant Biotechnology

Year 2, Semester 1
In consultation with the course coordinator, select 24 credit points under Year 1 Semester 1 in the above full-time course.
Graduate Diploma in Cardiac Ultrasound (PH75)

Award title: Graduate Diploma in Cardiac Ultrasound

Location: Gardens Point

Course duration (part-time): 2 years

Total credit points: 96

Standard credit points per semester (full-time): 48

Standard credit points per semester (part-time): 24

Course coordinator: Bonita Anderson

Professional Recognition

This course is accredited with the Australasian Sonographer Accreditation Registry (ASAR).

Course Design

This course is accredited with the Australasian Sonographer Accreditation Registry (ASAR).

Course structure

First Semester
- LSN259 Cardiac Anatomy, Embryology and Pathology
- PCN162 Principles of Medical Ultrasound
- PCN497 Clinical Attachment 4

Second Semester
- PCN259 Cardiac Ultrasound 1
- PCN497 Clinical Attachment 4

Third Semester
- PCN218 Research Methodology and Professional Studies
- PCN359 Cardiac Ultrasound 2
- PCN597 Clinical Attachment 5

Fourth Semester
- PCN459 Advanced Cardiac Ultrasound
- PCN597 Clinical Attachment 5

Note: The PCN497 and PCN597 clinical attachment units are 2 semester units.

Graduate Diploma in Mathematical Science (MA75)

Award title: Graduate Diploma in Mathematical Science

CRICOS code: 046041M

Location: Gardens Point

Course duration (full-time): 1 year

Course duration (part-time): 2 years

Total credit points: 96

Standard credit points per semester (full-time): 48

Standard credit points per semester (part-time): 24

Course coordinator: Assoc Prof Vo Anh

Course Design

The program of study for an individual student will be decided in consultation with the course coordinator and will take into account the student’s background and area of interest within the mathematical sciences.

In the Graduate Diploma, at least 24 credit points must be taken from postgraduate mathematics units other than Mathematical Foundations and/or Mathematics. Up to 24 credit points can be taken from units other than mathematics units and there is a limit of 36 credit points from project units.

Course structure

A planned program of study should be decided in consultation with the Course Coordinator. It will take into account the student’s background and area of interest within the mathematical sciences. Strands represent areas of the mathematical sciences which may be of interest to students and the units listed under each strand can guide students in developing their planned program. Students will usually select units from one or two strands only. The unit MAN700 Project can be used to satisfy the rule requiring at least 24 credit points from postgraduate mathematics units other than MAN200 and/or MAN201.

The following postgraduate mathematics units are available in all strands (subject to the limit on credit points from project units):

- MAN200 Mathematical Foundations
- MAN201 Mathematics
- MAN700 Project
- MAN717 Minor Project
- MAN787 Project

To undertake any of the project units, permission from the Course Coordinator is required. If students wish to take any of the above units they will need to discuss their plans and the proposed content with the Course Coordinator.

The following strand information is to assist students with unit selection. Students do not have to enrol in all units listed for a strand. The prerequisite units are given as a guide. Depending on a student’s background, they may have already covered some of the units listed (or equivalent units) in their undergraduate studies. If students have not studied any mathematics for some time, they may need to undertake one or two units prior to commencing those listed in the strand information.

Mathematical Modelling/Applied Mathematics:

- Postgraduate Mathematics Units:
  - MAN761 Analysis
  - MAN762 Field Theory
  - MAN764 Applied Mathematical Modelling
  - MAN774 Perturbation Methods
  - MAB111 Mathematical Sciences 1B
  - MAB112 Mathematical Sciences 1C
  - MAB311 Advanced Calculus
  - MAB312 Linear Algebra
  - MAB413 Differential Equations
  - MAB422 Mathematical Modelling
  - MAB521 Applied Mathematics 3
  - MAB613 Partial Differential Equations
  - MAB672 Advanced Mathematical Modelling

Computational Mathematics:

- Postgraduate Mathematics Unit:
  - MAN771 Computational Mathematics 4
  - MAB111 Mathematical Sciences 1B
  - MAB112 Mathematical Sciences 1C
  - MAB220 Computational Mathematics 1
  - MAB311 Advanced Calculus
  - MAB312 Linear Algebra
  - MAB420 Computational Mathematics 2
  - MAB522 Computational Mathematics 3
  - MAB621 Discrete Mathematics

Statistical/Statistical Modelling

- Postgraduate Mathematics Units:
  - MAN778 Applications of Discrete Mathematics
  - MAB111 Mathematical Sciences 1B
  - MAB112 Mathematical Sciences 1C
  - MAB621 Discrete Mathematics

Note: ITN600 Programming Principles or ITB111 Software Development I or knowledge of programming is required.

Discrete Mathematics

- Postgraduate Mathematics Units:
  - MAN778 Applications of Discrete Mathematics
  - MAB111 Mathematical Sciences 1B
  - MAB112 Mathematical Sciences 1C
  - MAB621 Discrete Mathematics

Statistics/Statistical Modelling

- Postgraduate Mathematics Units:
  - MAN778 Applications of Discrete Mathematics
  - MAB111 Mathematical Sciences 1B
  - MAB112 Mathematical Sciences 1C
  - MAB621 Discrete Mathematics

Note: ITN600 Programming Principles or ITB111 Software Development I or knowledge of programming is required.
Course structure

Quantitative Analysis/Financial Mathematics
Postgraduate Mathematics Units:

MAB314 Statistical Modelling 2
MAB414 Applied Statistics 2
MAB524 Statistical Inference

MAN526 Statistical Science
MAN624 Applied Statistics
MAN765 Bayesian Data Analysis
MAN766 Applied Time Series Analysis
MAN769 Mathematics of Finance

Prerequisite Units:

MAB101 Statistical Data Analysis 1
MAB111 Mathematical Sciences 1B
MAB112 Mathematical Sciences 1C
MAB210 Statistical Modelling 1
MAB312 Linear Algebra
MAB313 Mathematics of Finance
MAB314 Statistical Modelling 2
MAB413 Differential Equations
MAB414 Applied Statistics 2
MAB524 Statistical Inference
MAB623 Financial Mathematics

Operations Research
Postgraduate Mathematics Units:

MAN768 Advanced Techniques in Operations Research

Prerequisite Units:

MAB111 Mathematical Sciences 1B
MAB112 Mathematical Sciences 1C
MAB210 Statistical Modelling 1
MAB315 Operations Research 2
MAB525 Operations Research 3A
MAB625 Operations Research 3B

Scientific Computation and Visualisation

MAN681 Advanced Visualisation and Date Analysis

Prerequisite Mathematics Units:

MAB101 Statistical Data Analysis 1
MAB111 Mathematical Sciences 1B
MAB380 Introduction to Supercomputing
MAN600 Scientific Computation

Recommended:

MAB112 Mathematical Sciences 1C
Non-Mathematics Prerequisite Units:

ITN600 Programming Principles
Or
ITB111 Software Development 1
ITB112 Software Development 2

Mathematics for Secondary Teaching
Postgraduate Mathematics Units:

MAN700 Project

Or other postgraduate mathematics units provided students are able to satisfy the prerequisites.

Other Mathematics Units:

Students would usually select across a range of areas of mathematics and statistics.

Non-Mathematics Units:

Students can select up to 24 credit points from units offered by the Faculty of Education related to the teaching of mathematics.

Graduate Certificate in Applied Science (Breast Ultrasound) (PH62)

Award title: Graduate Certificate in Applied Science (Breast Ultrasound)

Location: Gardens Point

Course duration (part-time): 1 year

Total credit points: 48

Standard credit points per semester (part-time): 24

Course coordinator: Assoc Prof Brian J Thomas

Note: The PCN397 clinical attachment unit is a 2 semester unit

Graduate Certificate in Mathematical Science (MA65)

Award title: Graduate Certificate in Mathematical Science

CRICOS code: 046044G

Location: Gardens Point

Course duration (full-time): 1 semester

Course duration (part-time): 1 year

Total credit points: 48

Standard credit points per semester (full-time): 48

Standard credit points per semester (part-time): 24

Course coordinator: Assoc Prof Vo Anh

Course Design

Graduate Certificate students will undertake four units (12 credit points each) covering the perception, specification and measurement of light, lamp and luminaire design, lighting design and particularly lighting applications.

Graduate Certificate in Mathematical Science (MA65)

Award title: Graduate Certificate in Mathematical Science

CRICOS code: 046044G

Location: Gardens Point

Course duration (full-time): 1 semester

Total credit points: 48

Standard credit points per semester (full-time): 48

Standard credit points per semester (part-time): 24

Course coordinator: Assoc Prof Vo Anh

Course Design

The program of study for an individual student will be decided in consultation with the course coordinator and will take into account the student’s background and area of interest within the mathematical sciences.

In the Graduate Certificate, at least 36 credit points must be taken from mathematics units and up to 12 credit points can be taken from units other than mathematics units.

Course structure

The units selected may include:

MAN200 Mathematical Foundations
MAN201 Mathematics

Bachelor of Applied Science (Honours) (SC60)

Award title: Bachelor of Applied Science (Honours) (Study Area A)

CRICOS code: 009041G

Location: Gardens Point

Course duration (full-time): 1 year

Course duration (part-time): 2 years

Total credit points: 96

Standard credit points per semester (full-time): 48

Course coordinator: Assoc Prof Peter Fredericks

Discipline coordinator: Dr John Bartley (Chemistry); Dr Tony Clarke (Ecology); Assoc Prof David Gust (Environmental Science); Dr Gary Huftile (Geology); Dr Troy Walsh (Life Science); Dr Troy Farrell (Mathematics); Assoc Prof Brian Thomas (Physics)
Relevant scientific professional bodies include Australasian Association of Clinical Biochemists, Australasian Institute of Mining and Metallurgy, AusBiotech Ltd; Australian Institute of Geoscientists; Australian Institute of Physics; Australian Mathematical Society; Australian Society for Biochemistry and Molecular Biology; Australian Society for Medical Research; Australian Society for Microbiology; Australian Society for Operations Research; Ecological Society of Australia; Geological Society of Australia; Royal Australian Chemical Institute; Statistical Society of Australia. Eligibility for membership is based on the combination of units undertaken in the degree and the Bachelor of Applied Science course that underpins it.

Course Structure
The Honours year comprises coursework and a major research project supervised by QUT staff, in some cases in conjunction with local industry. Majors are offered in Chemistry, Ecology, Environmental Science, Geology, Life Science, Mathematics and Physics.

Course structure - Major in Chemistry

**Year 1, Semester 1**
- PCB700 Research Project
- PCB700 Research Project
- PCB742 Elective Unit
- PCB780 Advanced Topics in Chemistry 1

**Year 1, Semester 2**
- PCB700 Research Project
- PCB700 Research Project
- PCB700 Research Project
- PCB780 Advanced Topics in Chemistry 1

Course structure - Major in Ecology, Environmental Science, Geology

**Year 1, Semester 1**
- NRB720 Project
- NRB730 Research Methods and Strategies
- NRB730 Research Methods and Strategies
- NRB735 Advanced Studies in Resource Sciences

**Year 1, Semester 2**
- NRB720 Project
- NRB720 Project
- NRB720 Project
- NRB720 Project

Course structure - Major in Life Science

**Year 1, Semester 1**
- LSB850 Research Strategies
- LSB851 Readings in Life Science 1
- LSB852 Project

**Year 1, Semester 2**
- LSB850 Research Strategies
- LSB851 Readings in Life Science 1
- LSB852 Project

Course structure - Major in Mathematics

**Year 1, Semester 1**
- MAN787 Project
- 36 credit points of elective units selected from the list below*

**Year 1, Semester 2**
- MAN787 Project
- 24 credit points of elective units selected from the list below*

**Elective List (Mathematics)** - 60 credit points to be selected!
- MAN717 Minor Project
- MAN761 Analysis
- MAN762 Field Theory
- MAN764 Applied Mathematical Modelling
- MAN765 Bayesian Data Analysis
- MAN766 Advanced Time Series Analysis
- MAN768 Advanced Techniques in Operations Research
- MAN769 Mathematics of Finance
- MAN771 Computational Mathematics 4
- MAN774 Perturbation Methods
- MAN775 Statistical Inference with Financial Applications
- MAN778 Applications of Discrete Mathematics

Up to 12 credit points from the following lists can be included in the 60 credit points of electives:
- MAB522 Computational Mathematics 3
- MAB524 Statistical Inference
- MAB526 Statistical Science 3
- MAB613 Partial Differential Equations
- MAB672 Advanced Mathematical Modelling

Up to two units from another Faculty or School may be included with the permission of the Mathematics Coordinator. The unit(s) must be of honours level and relevant to the proposed program. Examples of suitable units are:
- EFN505 Financial Risk Management
- ITN682 Advanced Cryptology
- PCB706 Quantum Mechanics

*The Course Coordinator may approve a student taking 24 credit points of elective units (together with MAN787/3) in Semester 1 and 36 credit points of elective units (together with MAN787/3) in Semester 2.

#The list of mathematics units to be offered is subject to final approval.

Course structure - Major in Physics

**Year 1, Semester 1**
- PCB700 Research Project
- PCB700 Research Project
- Elective

**Year 1, Semester 2**
- PCB700 Research Project
- PCB700 Research Project
- PCB700 Research Project
- Elective

**Elective List (Physics)**
- PCB706 Quantum Mechanics
- PCB708 Advanced Topics in Physics
- PCN112 Medical Imaging Science
- PCN113 Radiation Physics
- PCN114 Microprocessors and Instrumentation
- PCN211 Physics of Medical Imaging
- PCN212 Radiotherapy Physics
- PCN214 Health and Occupational Physics
- PCN716 Advanced Topics in Physics 2

Other units may be chosen in consultation with the Course Coordinator.

- **Bachelor of Applied Science and Bachelor of Applied Science (Honours) - Dean’s Scholars Accelerated Honours Program**

SC01 + SC60

CRICOS code: 003502J

Location: Gardens Point

Course duration (full-time): 3 years (plus initial summer term)

Total credit points: 384 [BAppSc 288 cp and BAppSc(Hons) 96 cp]

Course coordinator: Dr Al Grenfell

Discipline coordinator: Assoc Prof Rob Harding (Life Sciences - SCB501 only); Dr Alex Anderson (Life Sciences - other units); Dr Graeme Pettet (Mathematics); Assoc Prof David Gust (Natural Resource Sciences); Dr Dennis Arnold (Physical and Chemical Sciences - Chemistry); Dr Dmitri Gramotnev (Physical and Chemical Sciences - Physics)

Professional Recognition


Course Design
This course is designed to allow Dean’s Scholars to complete both the Bachelor of Applied Science and Bachelor of Applied Science (Honours) courses in an enriched and accelerated manner.

All of the majors and co-majors offered in the SC01 course are available within the Bachelor of Applied Science component of the Dean’s Scholars Accelerated Honours Program. The majors available are: Biochemistry, Biotechnology, Chemistry, Ecology, Environmental Science, Geoscience, Mathematics, Microbiology and Physics. Co-majors include: Applied Geology, Applied Physics, Astrophysics, Biodiversity, Biomolecular Sciences, Environmental Studies, Forensic Science, Scientific Computation and Visualisation, Statistics. In addition all of the majors offered in the Bachelor of Applied Science (Honours) course are available to Dean’s Scholars. (Full details of the SC01 BAppSc and SC60 (Hons) courses are available under the separate entries for these programs.)

Dedicated Dean’s Scholars units that facilitate the acceleration and provide enrichment are indicated below:
- SCB301 Science for Dean’s Scholars
- SCB303 Tutorial Program for Dean’s Scholars (substituted by a mathematics unit for mathematics majors)
- SCB401 Research Methods for Dean’s Scholars (substituted by a mathematics unit for mathematics majors)
- SCB501 Research Project for Dean’s Scholars (optionally substituted by MAB640 Industry Project for Mathematics majors)

**Course structure - Majors in Chemistry and Physics**

**Year 1, Summer Program (24 cp)**

Dean’s Scholars Program enrichment unit:
- SCB301 Science for Dean’s Scholars

**Year 1, Semester 1 (60 cp)**

Dean’s Scholars Program enrichment unit:
- SCB303 Tutorial Program for Dean’s Scholars
  - Normal BAppSc and BAppSc(Hons) units: BAppSc Coursework (48 cp)

**Year 1, Semester 2 (60 cp)**

Dean’s Scholars Program enrichment unit: Elective (12 cp)
- Normal BAppSc and BAppSc(Hons) units: BAppSc Coursework (48 cp)

**Year 2, Semester 1 (60 cp)**

Dean’s Scholars Program enrichment unit:
- SCB401 Research Methods for Dean’s Scholars
  - SCB401 Research Methods for Dean’s Scholars may be replaced by an approved elective unit in the case of the Physics major
  - Normal BAppSc and BAppSc(Hons) units: BAppSc Coursework (48 cp)

**Year 2, Semester 2 (60 cp)**

Dean’s Scholars Program enrichment unit:
- SCB501 Research Project for Dean’s Scholars
  - Normal BAppSc and BAppSc(Hons) units: BAppSc Coursework (36 cp)

**Year 3, Semester 1 (60 cp) and Semester 2 (60 cp)**

Normal BAppSc and BAppSc(Hons) units: BAppSc + BAppSc(Hons) Coursework (24 cp + 36 cp respectively)
- Normal BAppSc and BAppSc(Hons) units: BAppSc(Hons) Research (60 cp)

**Course structure - Majors in Biochemistry, Biotechnology and Microbiology**

**Year 1, Summer Program (24 cp)**

Dean’s Scholars Program enrichment unit:
- SCB301 Science for Dean’s Scholars

**Year 1, Semester 1 (60 cp)**

Dean’s Scholars Program enrichment unit:
- SCB303 Tutorial Program for Dean’s Scholars
  - Normal BAppSc and BAppSc(Hons) units: BAppSc Coursework (48 cp)

**Year 1, Semester 2 (60 cp)**

Dean’s Scholars Program enrichment unit:
- SCB401 Research Methods for Dean’s Scholars
  - Normal BAppSc and BAppSc(Hons) units: BAppSc Coursework (48 cp)

**Year 2, Semester 1 (72 cp)**

Dean’s Scholars Program enrichment unit:
- SCB501 Research Project for Dean’s Scholars
  - Normal BAppSc and BAppSc(Hons) units: BAppSc Coursework (48 cp)

**Year 2, Semester 2 (60 cp)**

Normal BAppSc and BAppSc(Hons) units: BAppSc Coursework (48 cp)
- Normal BAppSc and BAppSc(Hons) units: BAppSc(Hons) Research (60 cp)

**Course structure - Major in Mathematics**

**Year 1, Summer Program (24 cp)**

**Year 1, Semester 1 (60 cp)**

- Normal BAppSc and BAppSc(Hons) units: BAppSc Coursework (60 cp)

**Year 1, Semester 2 (60 cp)**

Normal BAppSc and BAppSc(Hons) units: BAppSc Coursework (60 cp)
- Normal BAppSc and BAppSc(Hons) units: BAppSc(Hons) Research (60 cp)

**Year 2, Semester 1 (60 cp)**

Normal BAppSc and BAppSc(Hons) units: BAppSc Coursework (60 cp)
- Normal BAppSc and BAppSc(Hons) units: BAppSc(Hons) Research (60 cp)

**Year 2, Semester 2 (60 cp)**

Normal BAppSc and BAppSc(Hons) units: BAppSc Coursework (36 cp)
- Dean’s Scholars Program enrichment unit:
  - SCB501 Research Project for Dean’s Scholars

**Year 3, Semester 1 (60 cp) and Semester 2 (48 cp)**

Normal BAppSc and BAppSc(Hons) units: BAppSc Coursework (60 cp)
- Normal BAppSc and BAppSc(Hons) units: BAppSc(Hons) Research (36 cp)

**Bachelor of Applied Science (SC01)**

**Award title:** Bachelor of Applied Science (Study Area A)

**CRICOS code:** 003502J

**Location:** Gardens Point

**Course duration (full-time):** 3 years

**Course duration (part-time):** 6 years

**Total credit points:** 288 (minimum)

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Megan Hargreaves

**Discipline coordinator:** Dr Alex Anderson (Biochemistry); Dr Ron Epping (Biotechnology); Dr Dennis Arnold (Chemistry); Dr Ian Williamson (Ecology); Dr Glenn Fulford (Mathematics); Dr Meg Hargreaves (Microbiology); Dr Bruce Cornish (Physics)

**Professional Recognition**

For graduates with approved study: Australian Society for Biochemistry and Molecular Biology, Australasian Association of Clinical Biochemists, AusBiotech Ltd, Australian Society for Biochemistry and Molecular Biology, Australian Society for Medical Research, Australian Society for Microbiology, Royal Australian Chemical Institute, Ecological Society of Australia, Environment Institute of Australia and New Zealand, Australasian Institute of Mining and Metallurgy, Australian Institute of Geoscientists, Geological Society of Australia,

Course Design
The Bachelor of Applied Science course comprises a major and a co-major study area in second and third year, built on the secure foundation of core units studied in the first year. The major and co-major study areas (listed below) show the broad range of the Science program and the flexibility that students have in choosing their degree program. Students can also propose their own co-major studies, and the choice of major and co-major can be delayed until the completion of at least the students first semester of study.

In first semester, the core units are designed to broaden the students’ experience of Science and the four unit studies will generally include at least three of the following:
- Life Science: an introduction to the study of life processes with cells and organisms as the central point of reference.
- Statistical Data Analysis: how to extract valid results from data collected.
- Environmental Science: incorporating the chemical, physical and biological processes that influence the development of the air, the earth and the atmosphere.
- Physical Science: involving the basic concepts of physics and chemistry.

Science Majors: Biochemistry, Biotechnology, Chemistry, Ecology, Environmental Science, Geoscience, Mathematics, Microbiology, Physics.


Course Rules
1. To fulfil the requirements for the award of the Bachelor of Applied Science degree, a student must complete a total of at least 288 credit points, comprising at least 192 credit points in units offered by the Faculty of Science. The units completed for the award of the degree must include:
   (a) at least six faculty core units, including at least three foundation units, and three other first year science units
   (b) a major study
   (c) a co-major study (or group of units constituting 72 credit points at advanced level in any approved area of study in the University).

Major and co-major studies are defined in terms of the discipline area and the academic level at which the units are offered. A major must be completed in one of the following discipline areas: biochemistry; biotechnology; chemistry; ecology; environmental science; geoscience; mathematics; microbiology; physics. A major comprises 96 credit points of units at advanced level, including at least 48 credit points at the third level.

A co-major may be completed by selecting appropriate units from another major, or from the following discipline areas: applied geology, applied physics, astrophysics, biodiversity, biomolecular science, environmental management, environmental science, forensic science, industrial chemistry, scientific computation and visualisation, statistics. A co-major comprises 72 credit points at advanced level. Alternatively, the co-major may be constituted by an approved group of units comprising 72 credit points at advanced level in any approved area of study in the university. Major and co-major studies may be taken in closely related discipline areas.

2. The maximum number of credit points that may be counted from units other than those at advanced level is 120 credit points.

3. Elective units may be chosen from (a) SCO1 majors/co-majors other than those undertaken by a student, (b) other appropriate units offered by the Faculty of Science, and (c) units offered by other faculties.

4. Students are normally expected to complete the course in minimum time. A full-time student normally enrolls in an average of 48 credit points per semester for six semesters and a part-time student normally enrolls in 24 credit points per semester for 12 semesters. (A full-time student is one who is enrolled in 36 or more credit points per semester, whereas a part-time student is one who is enrolled in less than 36 credit points per semester.)

5. All commencing and certain continuing students may attend scheduled academic advising sessions to plan their progression through the course, and should obtain the approval of an academic adviser prior to effecting any change of enrolment.

Notes on the Rules
1. For offerings in the Faculty of Science, the term advanced level refers to units in Schedules 2 and 3. For units offered outside the Faculty of Science, the term advanced level refers to units for which there is at least one prerequisite unit.

2. Level 2 and level 3 units are listed in Schedules 2 and 3 respectively according to their unit codes. For each unit, the major(s) and/or co-major(s) in which the unit is offered are shown. It should be noted that not every advanced level unit offered in each major/comajor is mandatory.

3. The major undertaken by a student will qualify the generic award title of BAppSc and will appear in the award title in parentheses. The general form of the award will therefore be: BAppSc(Major).

Industrial Internship Program
A registered student who has successfully completed the equivalent of the first and second year of the standard full-time course, normally with a grade point average (GPA) of not less than 4.5 overall, may, at the discretion of the Industrial Internship Coordinator, apply to undertake the Industrial Internship Program.

This program involves 10-12 months of paid full-time employment in an approved industrial/commercial environment during which time the student is enrolled in the unit SCB100 Cooperative Education. On completion of the approved industrial internship placement the student resumes formal studies.

General Requirements for Majors
The units referred to in the general requirements for majors are listed in Schedules 1, 2 and 3.

Course structure - Major in Biochemistry

| Year 1, Semester 1 | | | |
|-------------------|--------------------------|
| LSB118 Life Science | PCB101 Physical Science |
| Year 1, Semester 2 | | | |
| LSB238 Cell and Molecular Biology 1 | Either |
| PCB140 Introductory Chemistry | Or |
| PCB142 Chemistry 1 | | | |
| Year 2, Semester 1 | | | |
| MAB101 Statistical Data Analysis 1 | PCB242 Chemistry 2 |
| Year 2, Semester 2 | | | |
| LSB258 Principles of Human Physiology | NRB270 Animal and Plant Structure and Function |
| Year 3, Semester 1 | | | |
| LSB308 Biochemistry | LSB338 Cell and Molecular Biology 2 |
| LSB408 Metabolism | | | |
| Year 3, Semester 2 | | | |
| LSB408 Molecular Biology | | | |
**SCIENCE**

**Year 4, Semester 1**
- LSB508 Advanced Metabolism
- LSB527 Biomedical Research Technologies

**Year 4, Semester 2**
- LSB607 Protein Purification
- LSB608 Protein Science

**Course structure - Major in Biotechnology**

**First Level Units - Semester 1**
- **MANDATORY UNITS:**
  - LSB118 Life Science
  - PLUS EITHER:
    - MAB101 Statistical Data Analysis 1
    - MAB105 Preparatory Mathematics
  - OR
  - NRBI00 Environmental Science
  - OR
  - PCB101 Physical Science
  - PLUS EITHER:
    - PCB140 Introductory Chemistry

**First Level Units - Semester 2**
- **MANDATORY UNITS:**
  - LSB238 Cell and Molecular Biology 1
  - NRBI270 Animal and Plant Structure and Function
  - PCB242 Chemistry 2
  - PLUS ONE OTHER UNIT - FOR EXAMPLE:
    - LSB258 Principles of Human Physiology
  - OR
  - MAB101 Statistical Data Analysis 1
  - OR
  - NRBI240 History of Life on Earth
  - OR
  - PYBI02 Introduction to Psychology 1b

**Second Level Units - Semester 1**
- **MANDATORY UNITS:**
  - LSB308 Biochemistry
  - LSB328 Microbiology 1
  - OR
  - LSB338 Cell and Molecular Biology 2
  - OR
  - LCS397 Plant Physiology

**Second Level Units - Semester 2**
- **MANDATORY UNIT:**
  - LSB468 Molecular Biology
  - PLUS EITHER:
    - LSB408 Metabolism
    - LSB497 Plant Molecular Biology
  - OR
  - LSB605 Protein Engineering and Bioprocessing

**Third Level Units - Semester 1**
- **MANDATORY UNIT:**
  - LSB537 Genetic Engineering
  - PLUS EITHER:
    - LSB509 Medical Biotechnology
    - LSB577 Plant Biotechnology 1

**Third Level Units - Semester 2**
- **CHOOSE TWO UNITS FROM:**
  - LSB609 Medical Biotechnology 2
  - LSB619 Genomics & Bioinformatics
  - LSB677 Plant Biotechnology 2

**Course structure - Major in Chemistry**

**First Level Units - Semester 1**
- **MANDATORY UNITS:**
  - PCB101 Physical Science
  - PCB142 Chemistry 1
  - PLUS EITHER:
    - MAB100 Mathematical Sciences 1A
    - (For students WITHOUT an SA or better in Senior Maths C; Students WITH a grade of HA or better in Senior Maths C should enrol in MAB111 Mathematical Sciences 1B)
    - OR
    - MAB105 Preparatory Mathematics
    - (For students without a grade of SA or better in Senior Mathematics B)

**First Level Units - Semester 2**
- **MANDATORY UNITS:**
  - LSB118 Life Science
  - OR
  - NRBI00 Environmental Science

**Second Level Units - Semester 1**
- **MANDATORY UNITS:**
  - PCB305 Principles of Physical Chemistry
  - PCB354 Synthesis and Reactivity in Organic Chemistry

**Second Level Units - Semester 2**
- **MANDATORY UNITS:**
  - PCB434 Inorganic Chemistry
  - PCB444 Spectroscopy

**Third Level Units - Semester 1**
- **MANDATORY UNITS:**
  - PCB505 Advanced Physical Chemistry
  - PCB554 Synthesis and Reactivity in Organic Chemistry

**Third Level Units - Semester 2**
- **MANDATORY UNITS:**
  - PCB634 Organometallic and Coordination Chemistry
  - PCB644 Frontiers in Chemistry

**Course structure - Major in Ecology**

**First Level Units - Semester 1**
- **MANDATORY UNITS:**
  - LSB118 Life Science
  - NRBI00 Environmental Science
  - PCB101 Physical Science
  - PLUS EITHER:
    - MAB101 Statistical Data Analysis 1
    - MAB105 Preparatory Mathematics
    - OR
    - NRBI230 Planet Earth

**First Level Units - Semester 2**
- **MANDATORY UNIT:**
  - NRBI270 Animal and Plant Structure and Function
  - OR
  - LSB238 Cell and Molecular Biology 1
  - OR
  - LSB308 Biochemistry
  - OR
  - LSB328 Microbiology 1

**Second Level Units - Semester 1**
- **MANDATORY UNITS:**
  - NRB311 Population Ecology
  - NRB312 Experimental Design

**Second Level Units - Semester 2**
- **MANDATORY UNITS:**
  - NRB410 Genetics and Evolution
  - NRB411 Ecological Methods

**Third Level Units - Semester 1**
- **MANDATORY UNITS:**
  - NRB510 Population Genetics
  - NRB511 Population Management

**Third Level Units - Semester 2**
- **MANDATORY UNITS:**
  - NRB610 Ecological Applications
  - NRB611 Conservation Biology

**Course structure - Major in Environmental Science**

**First Level Units - Semester 1**
- **MANDATORY UNITS:**
  - LSB118 Life Science
  - NRBI00 Environmental Science

**Second Level Units - Semester 1**
- **MANDATORY UNITS:**
  - MAB101 Statistical Data Analysis 1
  - OR
  - MAB105 Preparatory Mathematics

**Third Level Units - Semester 1**
- **MANDATORY UNITS:**
  - PCB140 Introductory Chemistry
  - OR
  - PCB142 Chemistry 1
First Level Units - Semester 2
MANDATORY UNIT:
NRB240 History of Life on Earth
SELECT THREE OTHER UNITS FROM:
MAB101 Statistical Data Analysis 1
NRB270 Animal and Plant Structure and Function
PCB101 Physical Science
Note: MAB101 if not done in Semester 1
Second Level Units - Semester 1
MANDATORY UNITS:
NRB300 Environmental Monitoring
With Ecology Co-major:
NRB370 Invertebrate Biology
Or
NRB371 Plant Biology
With all other co-majors:
NRB311 Population Ecology
Second Level Units - Semester 2
MANDATORY UNITS:
NRB400 Environmental Systems
NRB440 Environmental Chemistry
Third Level Units - Semester 1
MANDATORY UNITS:
NRB500 Environmental Modelling
NRB501 Mapping and Modelling of Natural Resource Data
Third Level Units - Semester 2
MANDATORY UNITS:
NRB600 Issues in Environmental Management
With Geoscience Co-major:
NRB672 Marine and Freshwater Ecosystems
With all other co-majors:
NRB633 Hydrogeology
Course structure - Forensic Science Major with Biotechnology Major
Year 1, Semester 1
LSB118 Life Science
MAB101 Statistical Data Analysis 1
PCB101 Physical Science
PCB142 Chemistry 1
Year 1, Semester 2
LSB238 Cell and Molecular Biology 1
NRB270 Animal and Plant Structure and Function
PCB242 Chemistry 2
(First level unit)
Year 2, Semester 1
LSB308 Biochemistry
LSB338 Cell and Molecular Biology 2
LSBxxx (Life Sciences elective since LSB338 is included in both majors)
SCB384 Crime Scene and Forensic Science
Year 2, Semester 2
JSB937 Forensic Scientific Evidence
LSB448 Molecular Biology
LSB4xx (LSB unit selected according to major requirements)
PCB414 Industrial and Environmental Analytical Chemistry
Year 3, Semester 1
LSB537 Genetic Engineering
LSB5xx (LSB unit selected according to major requirements)
PCB514 Instrumental Analysis
PCB584 Forensic Examination of Physical Evidence
Year 3, Semester 2
LSB684 Forensic DNA Profiling
LSB6xx (LSB unit selected according to major requirements)
PCB684 Forensic Analysis and Toxicology
Course structure - Forensic Science Major with Chemistry Major
Year 1, Semester 1
LSB118 Life Science
MAB100 Mathematical Sciences 1A
PCB101 Physical Science
PCB142 Chemistry 1
Year 1, Semester 2
LSB238 Cell and Molecular Biology 1
MAB101 Statistical Data Analysis 1
PCB242 Chemistry 2
(First level unit)
Year 2, Semester 1
LSB338 Cell and Molecular Biology 2
PCB305 Principles of Physical Chemistry
PCB354 Synthesis and Reactivity in Organic Chemistry
SCB384 Crime Scene and Forensic Science
Year 2, Semester 2
JSB937 Forensic Scientific Evidence
PCB414 Industrial and Environmental Analytical Chemistry
PCB434 Inorganic Chemistry
PCB444 Spectroscopy
Year 3, Semester 1
PCB505 Advanced Physical Chemistry
PCB514 Instrumental Analysis
PCB554 Synthesis and Reactivity in Organic Chemistry
PCB584 Forensic Examination of Physical Evidence
Year 3, Semester 2
LSB684 Forensic DNA Profiling
PCB634 Organometallic and Coordination Chemistry
PCB644 Frontiers in Chemistry
PCB684 Forensic Analysis and Toxicology
Course structure - Major in Geoscience
First Level Units - Semester 1
MANDATORY UNITS:
MAB101 Statistical Data Analysis 1
NRB100 Environmental Science
PCB101 Physical Science
PLUS EITHER:
NRB230 Planet Earth
Or
PCB140 Introductory Chemistry
Or
PCB142 Chemistry 1
First Level Units - Semester 2
MANDATORY UNITS:
MAB100 Mathematical Sciences 1A
NRB240 History of Life on Earth
OPTIONAL UNITS:
PCB140 Introductory Chemistry
Or
PCB142 Chemistry 1
Second Level Units - Semester 1
MANDATORY UNITS:
NRB331 Sedimentary Geology
NRB333 Mineralogy
OPTIONAL UNIT:
NRB300 Environmental Monitoring
Second Level Units - Semester 2
MANDATORY UNITS:
NRB434 Structural Geology and Field Methods
NRB436 Introduction to Igneous and Metamorphic Petrology
OPTIONAL UNIT:
NRB437 Stratigraphy and Depositional Environments
Third Level Units - Semester 1
MANDATORY UNITS:
NRB533 Advanced Geological Mapping
NRB534 Geophysics
NRB536 Petrology and Geochemistry
OPTIONAL UNIT:
NRB535 Geology of Fossil Fuels
Third Level Units - Semester 2
One of:
NRB633 Hydrogeology
NRB634 Stratigraphy and Basin Analysis
NRB635 Plate Tectonics and Advanced Structural Geology
PSB655 Remote Sensing
Course structure - Major in Mathematics
First Level Units - Semester 1
MANDATORY UNITS:
MAB100 Mathematical Sciences 1A
(For students without a grade of SA or better in Senior Mathematics C)
MAB101 Statistical Data Analysis 1
MAB111 Mathematical Sciences 1B
MAB112 Mathematical Sciences 1C
PLUS 1 OR 2 OF FOUNDATION UNITS:
LSB118 Life Science
NRB100 Environmental Science
PCB101 Physical Science

**First Level Units - Semester 2**

MANDATORY UNITS:
- MAB111 Mathematical Sciences 1B
- MAB112 Mathematical Sciences 1C
- MAB210 Statistical Modelling 1
- MAB220 Computational Mathematics 1
- PLUS 1 OR 2 OF FOUNDATION UNITS:
  - LSB118 Life Science
  - PCB101 Physical Science

**Second Level Units - Semester 1**

OPTIONAL UNITS:
- MAB311 Advanced Calculus
- MAB312 Linear Algebra
- MAB313 Mathematics of Finance
- MAB314 Statistical Modelling 2
- MAB481 Visualisation and Data Analysis

**Third Level Units - Semester 1**

OPTIONAL UNITS:
- MAB521 Applied Mathematics 3
- MAB522 Computational Mathematics 3
- MAB523 Introduction to Quality Management
- MAB525 Operations Research 3A
- MAB526 Statistical Science 3
- MAB580 Scientific Computation
- MAB672 Advanced Mathematical Modelling

**Course structure - Major in Microbiology**

**First Level Units - Semester 1**

MANDATORY UNIT:
- LSB118 Life Science
- PLUS EITHER:
  - MAB101 Statistical Data Analysis 1
  - Or
  - MAB105 Preparatory Mathematics
  - OR EITHER:
  - NRB100 Environmental Science
  - Or
  - PCB101 Physical Science
  - PLUS EITHER:
    - PCB140 Introductory Chemistry
    - Or
    - PCB142 Chemistry 1

**Second Level Units - Semester 2**

MANDATORY UNITS:
- LSB238 Cell and Molecular Biology 1
- NRB270 Animal and Plant Structure and Function
- PCB242 Chemistry 2
- PLUS ONE OTHER UNIT:
- LSB258 Principles of Human Physiology
- Or
- MAB101 Statistical Data Analysis 1
- Or
- MAB105 Preparatory Mathematics
- Or
- NRB240 History of Life on Earth
- Or
- PYB102 Introduction to Psychology 1b

**Second Level Units - Semester 1**

MANDATORY UNITS:
- LSB308 Biochemistry
- LSB328 Microbiology 1
- PLUS EITHER:
  - LSB338 Cell and Molecular Biology 2
  - Or
  - LSB338 Cell and Molecular Biology 2
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<th>Course Title</th>
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<tr>
<td>PCB200</td>
<td>Chemical Technology 1</td>
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<tr>
<td>PCB242</td>
<td>Chemistry 2</td>
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<td>PCB250</td>
<td>Physics 1</td>
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<td>ITB111</td>
<td>Software Development 1</td>
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<td>Computational Intelligence</td>
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<td>MAB305</td>
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<td>PYB012</td>
<td>Psychology</td>
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<td>SCB222</td>
<td>Exploration of the Universe</td>
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**Second Level Units**

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<td>Biochemistry</td>
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<td>LSB309</td>
<td>Introduction to Intellectual Property Law</td>
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<tr>
<td>LSB328</td>
<td>Microbiology 1</td>
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<td>LSB338</td>
<td>Cell and Molecular Biology 2</td>
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<td>LSB358</td>
<td>Physiology 1</td>
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<td>LSB397</td>
<td>Plant Physiology</td>
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<td>LSB408</td>
<td>Metabolism</td>
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<td>LSB428</td>
<td>Microbiology 2</td>
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<td>LSB438</td>
<td>Immunology 1</td>
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<td>LSB468</td>
<td>Molecular Biology</td>
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<td>LSB497</td>
<td>Plant Molecular Biology</td>
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<td>MAB314</td>
<td>Electrical Engineering Mathematics 3</td>
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<td>MAB311</td>
<td>Advanced Calculus</td>
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<td>Linear Algebra</td>
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<td>Mathematics of Finance</td>
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<tr>
<td>MAB314</td>
<td>Statistical Modelling 2</td>
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<tr>
<td>MAB315</td>
<td>Operations Research 2</td>
</tr>
<tr>
<td>MAB380</td>
<td>Introduction to Supercomputing</td>
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<tr>
<td>MAB413</td>
<td>Differential Equations</td>
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<tr>
<td>MAB414</td>
<td>Applied Statistics 2</td>
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<td>Computational Mathematics 2</td>
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<td>MAB422</td>
<td>Mathematical Modelling</td>
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<td>MAB481</td>
<td>Visualisation and Data Analysis</td>
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<td>NRB300</td>
<td>Environmental Monitoring</td>
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<td>NRB311</td>
<td>Population Ecology</td>
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<td>Experimental Design</td>
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<td>NRB331</td>
<td>Sedimentary Geology</td>
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<td>NRB333</td>
<td>Mineralogy</td>
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<tr>
<td>NRB370</td>
<td>Invertebrate Biology</td>
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<tr>
<td>NRB371</td>
<td>Plant Biology</td>
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<tr>
<td>NRB400</td>
<td>Environmental Systems</td>
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<tr>
<td>NRB410</td>
<td>Genetics and Evolution</td>
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<tr>
<td>NRB411</td>
<td>Ecological Methods</td>
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<tr>
<td>NRB434</td>
<td>Structural Geology and Field Methods</td>
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<tr>
<td>NRB436</td>
<td>Introduction to Igneous and Metamorphic Petrology</td>
</tr>
<tr>
<td>NRB437</td>
<td>Stratigraphy and Depositional Environments</td>
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<td>NRB440</td>
<td>Environmental Chemistry</td>
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<tr>
<td>NRB470</td>
<td>Vertebrate Biology</td>
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<td>PCB305</td>
<td>Principles of Physical Chemistry</td>
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<td>Concepts in Analytical Chemistry</td>
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<td>PCB334</td>
<td>Synthesis and Reactivity in Organic Chemistry</td>
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<td>PCB361</td>
<td>AC Theory and Electronics</td>
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<td>PCB362</td>
<td>Physics 2</td>
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<td>PCB404</td>
<td>Scientific Principles of Safety</td>
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<td>PCB414</td>
<td>Industrial and Environmental Analytical Chemistry</td>
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<td>PCB434</td>
<td>Inorganic Chemistry</td>
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<td>PCB444</td>
<td>Spectroscopy</td>
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<td>PCB460</td>
<td>Instrumentation and Computational Methods</td>
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<td>PCB462</td>
<td>Thermodynamics and Solid State Physics</td>
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<td>PCB469</td>
<td>Astrophysics 1</td>
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<td>SCB100-1</td>
<td>Cooperative Education</td>
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<td>SCB100-2</td>
<td>Cooperative Education</td>
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<td>SCB301</td>
<td>Science for Dean’s Scholars</td>
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<td>SCB302</td>
<td>Tutorial Program For Dean’s Scholars</td>
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<tr>
<td>SCB401</td>
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**Third Level Units**

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<tr>
<td>LSB508</td>
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<tr>
<td>LSB509</td>
<td>Medical Biotechnology</td>
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<td>LSB527</td>
<td>Biomedical Research Technologies</td>
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<td>LSB528</td>
<td>Environmental Microbiology</td>
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<td>LSB537</td>
<td>Genetic Engineering</td>
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<td>LSB547</td>
<td>Bacterial Pathogenesis and Disease Diagnosis</td>
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<td>LSB558</td>
<td>Advanced Physiology</td>
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<td>LSB568</td>
<td>Electron Microscopy</td>
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<td>LSB577</td>
<td>Plant Biotechnology 1</td>
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<td>LSB578</td>
<td>Virology</td>
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<td>LSB605</td>
<td>Protein Engineering and Bioprocessing</td>
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<td>LSB607</td>
<td>Protein Purification</td>
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<td>LSB608</td>
<td>Protein Science</td>
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<td>Medical Biotechnology 2</td>
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<td>LSB619</td>
<td>Genomics &amp; Bioinformatics</td>
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<tr>
<td>LSB628</td>
<td>Food Microbiology</td>
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<td>LSB647</td>
<td>Clinical Mycology and Parasitology</td>
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<td>LSB648</td>
<td>Molecular Microbiology</td>
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<td>LSB657</td>
<td>Perspectives in Life Science</td>
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<td>LSB658</td>
<td>Clinical Physiology</td>
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<td>LSB677</td>
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<td>LSB698</td>
<td>Molecular Pathogenesis 2</td>
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<td>MAB521</td>
<td>Applied Mathematics 3</td>
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<td>MAB522</td>
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<td>MAB523</td>
<td>Introduction to Quality Management</td>
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<td>Statistical Inference</td>
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<td>MAB525</td>
<td>Operations Research 3A</td>
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<td>Statistical Science 3</td>
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<td>Scientific Computation</td>
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<td>MAB613</td>
<td>Partial Differential Equations</td>
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<td>Discrete Mathematics</td>
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<td>Financial Mathematics</td>
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<td>Industry Project</td>
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<td>Advanced Mathematical Modelling</td>
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<td>Advanced Visualisation and Data Analysis</td>
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<td>NRB500</td>
<td>Environmental Modelling</td>
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<td>NRB501</td>
<td>Mapping and Modelling of Natural Resource Data</td>
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<td>NRB510</td>
<td>Population Genetics</td>
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<td>Population Management</td>
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<td>NRB533</td>
<td>Advanced Geological Mapping</td>
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<td>Geophysics</td>
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<td>Geology of Fossil Fuels</td>
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<td>Petrology and Geochemistry</td>
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<td>Terrestrial Ecosystems</td>
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<td>Issues in Environmental Management</td>
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<td>Ecological Applications</td>
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<td>Conservation Biology</td>
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<td>Hydrogeology</td>
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<td>Plate Tectonics and Advanced Structural Geology</td>
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<td>Stratigraphy and Basin Analysis</td>
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<td>Marine and Freshwater Ecosystems</td>
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<td>Advanced Physical Chemistry</td>
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<td>Unit Operations</td>
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<td>Medical Physics</td>
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<td>PCB554</td>
<td>Synthesis and Reactivity in Organic Chemistry</td>
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<td>PCB561</td>
<td>Quantum and Condensed Matter Physics</td>
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<td>Physical Methods of Analysis</td>
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<td>PCB584</td>
<td>Forensic Examination of Physical Evidence</td>
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<td>Digital Image Processing</td>
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<td>PCB604</td>
<td>Project</td>
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<td>PCB614</td>
<td>Advanced Analysis</td>
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<td>PCB624</td>
<td>Chemistry in Industry and Technology</td>
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<td>PCB634</td>
<td>Organometallic and Coordination Chemistry</td>
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<td>PCB644</td>
<td>Frontiers in Chemistry</td>
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<td>PCB648</td>
<td>Applied Radiation and Health Physics</td>
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<td>PCB661</td>
<td>Experimental Physics</td>
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<td>PCB665</td>
<td>Physics 3</td>
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<td>PCB669</td>
<td>Astrophysics 2</td>
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<td>PCB684</td>
<td>Forensic Analysis and Toxicology</td>
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<td>Research Project for Dean’s Scholars</td>
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<tr>
<td>SCB601</td>
<td>Perspectives In Science</td>
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</table>

**Bachelor of Applied Science - Medical Radiation Technology (Medical Imaging Technology) (PH38)**

- **Award title:** Bachelor of Applied Science (Medical Imaging Technology)
- **CRICOS code:** 037588F
- **Location:** Gardens Point
- **Course duration (full-time):** 3 years
- **Total credit points:** 288
- **Standard credit points per semester (full-time):** 48
Course coordinator: Pam Rowntree

Other Majors
See also the separate entry for the following major in this course: Bachelor of Applied Science - Medical Radiation Technology (Radiotherapy Technology).

Special Requirements
Students are required to undertake clinical experience in hospital departments and private practices during the course and, as a result, will have direct patient contact during their clinical placement, and may be exposed to blood and body fluids of patients. Students must be vaccinated for Hepatitis B and must provide a post-vaccination pathological report or similar certification showing proof of immunity, prior to undertaking their first clinical placement.

Professional Recognition
On graduation, students will be eligible for provisional accreditation by the Australian Institute of Radiography. Full membership requires the completion of an additional professional development year of clinical experience.

Course structure - Medical Imaging Technology

Year 1, Semester 1
- LSB145 Anatomy 1
- PCB007 Patient Care in Professional Practice
- PCB107 Physics and Quantitative Techniques
- PCB178 Principles of Medical Radiations

Year 1, Semester 2
- LSB245 Anatomy 2
- PCB272 Radiation Physics 1
- PCB276 General Radiography 1
- PCB277 Radiographic Practice 1

Year 2, Semester 1
- LSB321 Systematic Pathology
- LSB345 Regional & Imaging Anatomy 1
- PCB375-1 Radiographic Equipment
- PCB377 General Radiography 2
- PCB379 Clinical Radiography 1

Year 2, Semester 2
- LSB445 Regional & Imaging Anatomy 2
- PCB375-2 Radiographic Equipment
- PCB476 Special Procedures
- PCB477 Complementary Imaging Techniques
- PCB479 Clinical Radiography 2

Year 3, Semester 1
- PCB567 Advanced Radiographic Technique 1
- PCB580-1 Clinical Radiography 3
- PCB593 Digital Image Processing
- PCB672-1 Project
- PCB681 Computed Tomography Imaging

Year 3, Semester 2
- PCB580-2 Clinical Radiography 3
- PCB667 Advanced Radiographic Technique 2
- PCB672-2 Project
- PCB675 Radiation Safety and Quality Assurance
- PCB682 Magnetic Resonance Imaging

- Bachelor of Applied Science - Medical Radiation Technology (Radiotherapy Technology) (PH38)
  Award title: Bachelor of Applied Science (Medical Radiation Technology)
  CRICOS code: 037588F
  Location: Gardens Point
  Course duration (full-time): 3 years
  Total credit points: 288
  Standard credit points per semester (full-time): 48
  Course coordinator: Pam Rowntree
  Discipline coordinator: Michelle Oppelaar

Other Majors
See also the separate entry for the following major in this course: Bachelor of Applied Science - Medical Radiation Technology (Medical Imaging Technology)

Special Course Requirements
Students are required to undertake clinical experience in hospital departments and private practices during the course and, as a result, will have direct patient contact during their clinical placement, and may be exposed to blood and body fluids of patients. Students must be vaccinated for Hepatitis B and must provide a post-vaccination pathological report or similar certification showing proof of immunity, prior to undertaking their first clinical placement.

Professional Recognition
On graduation, students will be eligible for provisional accreditation by the Australian Institute of Radiography. Full membership requires the completion of an additional professional development year of clinical experience.

Course structure - Major in Radiotherapy Technology

Year 1, Semester 1
- LSB145 Anatomy 1
- PCB007 Patient Care in Professional Practice
- PCB107 Physics and Quantitative Techniques
- PCB178 Principles of Medical Radiations

Year 1, Semester 2
- LSB245 Anatomy 2
- PCB272 Radiation Physics 1
- PCB286 Treatment Planning 1
- PCB287 Megavoltage Therapy 1

Year 2, Semester 1
- LSB321 Systematic Pathology
- LSB345 Regional & Imaging Anatomy 1
- PCB389 Clinical Radiotherapy 1
- PCB396-1 Radiotherapy Planning and Physics
- PCB397 Megavoltage Therapy 2

Year 2, Semester 2
- LSB445 Regional & Imaging Anatomy 2
- PCB396-2 Radiotherapy Planning and Physics
- PCB489 Clinical Radiotherapy 2
- PCB495 Computer Assisted Treatment Planning 1
- PCB497 Megavoltage Therapy 3

Year 3, Semester 1
- PCB587 Specialised Radiotherapy Technique 1
- PCB590-1 Clinical Radiotherapy 3
- PCB593 Digital Image Processing
- PCB595 Computer Assisted Treatment Planning 2
- PCB672-1 Project

Year 3, Semester 2
- PCB590-2 Clinical Radiotherapy 3
- PCB672-2 Project
- PCB675 Radiation Safety and Quality Assurance
- PCB687 Specialised Radiotherapy Technique 2
- PCB695 Advanced Treatment Planning Topics

- Bachelor of Applied Science (Environmental Science) (SC01)
  Award title: Bachelor of Applied Science (Environmental Science)
  CRICOS code: 003502J
  Location: Carseldine
  Course duration (full-time): 3 years
  Course duration (part-time): 6 years
  Total credit points: 288
  Standard credit points per semester (full-time): 48
  Standard credit points per semester (part-time): 24
  Course coordinator: Dr Megan Hargreaves
  Discipline coordinator: Mr Graham Kimber

Professional Recognition
Graduates are eligible for membership of the Environment Institute of Australia and New Zealand.
Course Design
The course structure comprises a core of six introductory science units, the Environmental Science major of eight advanced level units, a co-major of six advanced level units, and four units of complementary material.

The foundation units develop a strong basis on which the more advanced studies that constitute the Environmental Science major are based. This course includes laboratory and fieldwork, with an emphasis on problem solving through project work.

Students’ co-major study may be selected from an approved area of study within the University. The recommended co-major that is offered at the Carseldine campus is Geography and Environmental Studies.

Level 1 Units (The specific units to be offered on the Carseldine campus will depend on enrolments)

**Semester 1**
HHB127 Environment And Society
LSB118 Life Science
MAB101 Statistical Data Analysis 1
NBR100 Environmental Science
PCB101 Physical Science

**Semester 2**
MAB105 Preparatory Mathematics
NBR230 Planet Earth
NBR270 Animal and Plant Structure and Function
PCB140 Introductory Chemistry

Required Units for the Environmental Studies Co-major at Carseldine

**Environmental Studies**
HHB107 World Regions
HHB228 Environmental Hazards
HHB250 Australian Geographical Studies
HHB269 Ethics, Technology And The Environment
HHB312 Geographical Research Design
PSB655 Remote Sensing

First, Second and Third Level Units
Note: The specific units to be offered on the Carseldine campus will depend on enrolments. Any units not offered at Carseldine may be undertaken at Gardens Point campus.

**First Level Units**
HHB127 Environment And Society
LSB118 Life Science
MAB101 Statistical Data Analysis 1
NBR100 Environmental Science
NBR230 Planet Earth
NBR270 Animal and Plant Structure and Function
PCB101 Physical Science
PCB140 Introductory Chemistry
PCB142 Chemistry 1
PCB242 Chemistry 2
MAB141 Mathematics and Statistics for Medical Science
PCB150 Physics 1H

**Second and Third Level Science Units**
NBR300 Environmental Monitoring
NBR311 Population Ecology
NBR400 Environmental Systems
NBR440 Environmental Chemistry
NBR500 Environmental Modelling
NBR501 Mapping and Modelling of Natural Resource Data
NBR600 Issues in Environmental Management
NBR633 Hydrogeology

**Units in the Environmental Studies Co-major**
HHB107 World Regions
HHB228 Environmental Hazards
HHB250 Australian Geographical Studies
HHB269 Ethics, Technology And The Environment
HHB312 Geographical Research Design

- **Bachelor of Applied Science (Medical Science) (LS37)**
  - **Award title:** Bachelor of Applied Science (Medical Science)
  - **CRICOS code:** 020331D
  - **Location:** Gardens Point

  **Course duration (full-time):** 3 years
  **Course duration (part-time):** 6 years
  **Total credit points:** 288
  **Standard credit points per semester (full-time):** 48
  **Standard credit points per semester (part-time):** 24
  **Course coordinator:** Dr Trevor Forster

Special Course Requirements
Students are required to undertake a minimum four-week work experience program in a practising pathology laboratory. This takes place at the end of the second year in the full-time program and in a suitable vacation period during the part-time program. Proof of successful vaccination against Hepatitis B must be provided by students at the end of Semester 3 of the program as one of the requirements for the unit LSB480 Professional Practice.

Professional Recognition
Graduates are immediately eligible for graduate membership of the Australian Institute of Medical Scientists and will have completed the academic requirements for admission as Members.

Course structure - Full-time

**Year 1, Semester 1**
LSB118 Life Science
MAB141 Mathematics and Statistics for Medical Science
PCB142 Chemistry 1
PCB150 Physics 1H

**Year 1, Semester 2**
LSB238 Cell and Molecular Biology 1
LSB250 Human Physiology
PCB242 Chemistry 2

**Year 2, Semester 1**
LSB325 Biochemistry
LSB328 Microbiology 1
LSB338 Cell and Molecular Biology 2
LSB365 Pathology

**Year 2, Semester 2**
LSB425 Quantitative Medical Science
LSB435 Diagnostic Microbiology 1
LSB438 Immunology 1
LSB465 Histopathology 1
LSB480 Professional Practice

**Year 3, Semester 1**
LSB525 Clinical Biochemistry 1
LSB535 Microbial Immunology
LSB555 Haematology 1
LSB565 Histopathology 2

**Year 3, Semester 2**
LSB625 Clinical Biochemistry 2
LSB635 Diagnostic Microbiology 2
LSB655 Haematology 2
LSB665 Immunohaematology

Course structure - Part-time

**Year 1, Semester 1**
LSB118 Life Science
MAB141 Mathematics and Statistics for Medical Science

**Year 1, Semester 2**
LSB238 Cell and Molecular Biology 1
LSB250 Human Physiology

**Year 2, Semester 1**
PCB142 Chemistry 1
PCB150 Physics 1H

**Year 2, Semester 2**
LSB255 Human Anatomy
PCB242 Chemistry 2

**Year 3, Semester 1**
LSB325 Biochemistry
LSB328 Microbiology 1

**Year 3, Semester 2**
LSB425 Quantitative Medical Science
LSB435 Diagnostic Microbiology 1
Bachelor of Applied Science Innovation (SC51)

Award title: Bachelor of Applied Science Innovation (Study Area A)
CRICOS code: 042262G
Location: Gardens Point
Course duration (full-time): 3 years
Course duration (part-time): For the part-time course structure, please consult the Course Coordinator
Total credit points: 288
Standard credit points per semester (full-time): 48
Course coordinator: Dr Neville Bofinger
Discipline coordinator: To be advised (Bioinformatics); To be advised (Chemical Technology); Dr Ian Turner (Scientific Computation & Visualisation)

Professional Recognition
Graduates can expect to be admitted to the professional association related to the major they choose. Relevant associations include AusBiotech Ltd, the Australian Society for Biochemistry and Molecular Biology, the Royal Australian Chemical Institute and the Australian Mathematical Society.

Course Design
The Bachelor of Applied Science Innovation is a bachelor-level degree of three years’ duration. It is designed to give students a full range of practical and theoretical skills in the science major chosen from Bioinformatics, Chemical Technology, or Scientific Computation and Visualisation. It also equips students with sound business and information technology capabilities related to innovation and the commercialisation of scientific discoveries, enabling students to recognise the worth of scientific innovation and employ business and management skills to contribute to developing discoveries into viable ventures.

Science Major (96 credit points)
Eight units at advanced level, including at least four units at third level, constituting one of the majors:
- Bioinformatics;
- Chemical Technology;
- Scientific Computation and Visualisation

Science Supporting Units (84 credit points)
- One mandatory science unit (MAB101 Statistical Data Analysis 1); and
- Six science units that support the advanced level units constituting the major

Business and Information Technology core units (72 credit points)
Six specific subjects that introduce business, innovation, communication, and information technology:
- AMB251 Innovation and Market Development
- BSB126 Marketing
- ITB111 Software Development 1*
- ITB115 Introduction to Databases
- MAB111 Mathematical Sciences 1B
- MAB116 Professional Studies 1

Elective streams (one to be chosen) (36 credit points)
(a) Applicable Computing: Three approved units chosen from the Bachelor of Information Technology course and/or the supercomputing program
(b) Commercialisation: LSB309 Introduction to Intellectual Property Law
- LSB309 Introduction to Intellectual Property Law
- LSB309 Introduction to Quality Management
- ITB650 Computational Intelligence is offered as a substitute unit for Bachelor of Applied Science Innovation students in the Chemical Technology major who do not wish to undertake the Applicable Computing stream.

Course structure - Major in Bioinformatics
Year 1, Semester 1
LSB118 Life Science
- LSB100 Mathematical Sciences 1A
- MAB101 Statistical Data Analysis 1
- Either
- PCB140 Introductory Chemistry
- PCB142 Chemistry 1
Year 1, Semester 2
- ITB111 Software Development 1
- LSB238 Cell and Molecular Biology 1
- MAB111 Mathematical Sciences 1B
- PCB232 Chemistry 1
Year 2, Semester 1
- ITB112 Software Development 2
- LSB308 Biochemistry
- LSB338 Cell and Molecular Biology 2
- MAB481 Visualisation and Data Analysis
Year 2, Semester 2
- LSB468 Molecular Biology
- MAB380 Introduction to Supercomputing
- Core Business / IT unit
- Core Business / IT unit
Year 3, Semester 1
- LSB537 Genetic Engineering
- MAB580 Scientific Computation
- Core Business / IT unit
- Core Business / IT unit
Year 3, Semester 2
- LSB608 Protein Science
- LSB619 Genomics & Bioinformatics
- MAB681 Advanced Visualisation and Data Analysis
- Core Business / IT unit

Note: Applicable Computing (3 information technology/supercomputing units) is incorporated as the elective stream in the Bioinformatics major

Course structure - Major in Chemical Technology
Year 1, Semester 1
- MAB101 Statistical Data Analysis 1
- PCB142 Chemistry 1
- PCB150 Physics 1H
- Core Business / IT unit
Year 1, Semester 2
- MAB100 Mathematical Sciences 1A
- PCB200 Chemical Technology 1
- PCB242 Chemistry 2
- Core Business / IT unit
Bachelor of Applied Science/Bachelor of Mathematics (SC20)

CRICOS code: 049434C

Location: Gardens Point

Course duration (full-time): 4 years

Total credit points: 384

Standard credit points per semester (full-time): 48

Course coordinator: Dr Megan Hargreaves (Science); Dr Graeme Pettet (Mathematics)

Professional Recognition

Membership of the Australian Mathematical Society, the Statistical Society of Australia Inc and the Australian Society for Operations Research is available. For professional recognition relating to the science majors refer to SC01 Bachelor of Applied Science.

Course Design

This four year double degree course integrates studies in one of the science majors with studies in Mathematics. The Science majors available are Biochemistry, Biotechnology, Chemistry, Ecology, Environmental Science, Geoscience, Microbiology and Physics.

Course structure

Students must complete at least (a) 192 credit points (16 twelve credit point units) of Mathematics units and (b) 192 credit points of Science units, according to the requirements as follows:

Level 1 Units:

Students must complete the following Level 1 Mathematics units:

- MAB100 Mathematical Sciences 1A
- MAB101 Statistical Data Analysis 1
- Core Business / IT unit

Year 1, Semester 2

- ITB112 Software Development 2
- MAB111 Mathematical Sciences 1B
- MAB112 Mathematical Sciences 1C
- MAB220 Computational Mathematics 1

Level 2 and 3 Mathematics Units:

At least 120 credit points (10 twelve credit point units) must be taken from Level 2 and Level 3 Mathematics units with at least 48 credit points (4 twelve credit point units) from Level 3 Mathematics units:

Students must complete:

- MAB311 Advanced Calculus
- MAB312 Linear Algebra
- MAB521 Applied Mathematics 3
- MAB523 Introduction to Quality Management

Mathematics Units - Choose from one of the following emphases:

1. **GENERAL/APPLIED EMPHASIS:**
   - MAB311 Advanced Calculus
   - MAB312 Linear Algebra
   - MAB521 Applied Mathematics 3
   - MAB523 Introduction to Quality Management

2. **FINANCIAL MATHEMATICS EMPHASIS:**
   - MAB313 Mathematics of Finance
   - MAB323 Financial Mathematics
   - MAB521 Applied Mathematics 3
   - MAB523 Introduction to Quality Management

3. **COMPUTATIONAL MATHEMATICS EMPHASIS:**
   - MAB312 Linear Algebra
   - MAB420 Computational Mathematics 2
   - MAB522 Computational Mathematics 3
   - MAB621 Discrete Mathematics

Elective Units:

Elective units (number depends upon major selected) can be taken from Faculty of Science units. Because up to two MAB units may normally be specified in a Science degree depending on the major selected, an equivalent number of units may be substituted with units from another Faculty if such units are required as prerequisites.
Science Units: Level 1 Science Foundation Units
Students must select at least two of these units:
LSB118 Life Science
NRB100 Environmental Science
PCB101 Physical Science

Science Units: Biochemistry Major
Level 1
LSB118 Life Science
LSB238 Cell and Molecular Biology 1
NRB270 Animal and Plant Structure and Function
PCB242 Chemistry 2
Either
PCB140 Introductory Chemistry
Or
PCB142 Chemistry 1
Recommended Unit:
LSB258 Principles of Human Physiology

Level 2
LSB308 Biochemistry
LSB408 Metabolism
Other Level 2 units:
LSB338 Cell and Molecular Biology 2
LSB468 Molecular Biology
LSB605 Protein Engineering and Bioprocessing

Level 3
LSB508 Advanced Metabolism
LSB608 Protein Science
Two other Level 3 units selected from:
LSB509 Medical Biotechnology
LSB527 Biomedical Research Technologies
LSB537 Genetic Engineering
LSB607 Protein Purification
LSB609 Medical Biotechnology 2
LSB619 Genomics & Bioinformatics
LSB698 Molecular Pathogenesis 2

Science Units: Biotechnology Major
Level 1
LSB118 Life Science
LSB238 Cell and Molecular Biology 1
NRB270 Animal and Plant Structure and Function
PCB242 Chemistry 2
Either
PCB140 Introductory Chemistry
Or
PCB142 Chemistry 1
Recommended Unit:
LSB258 Principles of Human Physiology

Level 2
LSB308 Biochemistry
LSB338 Cell and Molecular Biology 2
LSB468 Molecular Biology
LSB605 Protein Engineering and Bioprocessing

Level 3
LSB508 Advanced Metabolism
LSB608 Protein Science
Two other Level 3 units selected from:
LSB509 Medical Biotechnology
LSB527 Biomedical Research Technologies
LSB537 Genetic Engineering
LSB607 Protein Purification
LSB609 Medical Biotechnology 2
LSB619 Genomics & Bioinformatics
LSB698 Molecular Pathogenesis 2
LSB238 Cell and Molecular Biology 1
NRB270 Animal and Plant Structure and Function
PCB242 Chemistry 2
PCB140 Introductory Chemistry
Or
PCB142 Chemistry 1
Recommended Unit:
LSB258 Principles of Human Physiology

**Level 2**
LSB308 Biochemistry
LSB328 Microbiology 1
LSB428 Microbiology 2
Other Level 2 units:
LSB338 Cell and Molecular Biology 2
LSB358 Physiology 1
LSB408 Metabolism
LSB458 Physiology 2
LSB468 Molecular Biology

**Level 3**
Select at least four units from:
LSB528 Environmental Microbiology
LSB547 Bacterial Pathogenesis and Disease Diagnosis
LSB568 Electron Microscopy
LSB578 Virology
LSB628 Food Microbiology
LSB647 Clinical Mycology and Parasitology
LSB648 Molecular Microbiology

**Science Units: Physics Major**

**Level 1**
PCB101 Physical Science
Other Level 1 units:
MAB131 Engineering Mathematics 1A
MAB132 Engineering Mathematics 1B
MAB134 Electrical Engineering Mathematics 3
PCB107 Physics and Quantitative Techniques
PCB250 Physics 1
PCB260 Physics 1A

**Level 2**
PCB361 AC Theory and Electronics
PCB362 Physics 2
PCB460 Instrumentation and Computational Methods
PCB462 Thermodynamics and Solid State Physics

**Level 3**
PCB561 Quantum and Condensed Matter Physics
PCB562 Physical Methods of Analysis
PCB661 Experimental Physics
PCB665 Physics 3

**Mathematics Units**

**Level 1**
MAB100 Mathematical Sciences 1A
MAB101 Statistical Data Analysis 1
MAB111 Mathematical Sciences 1B
MAB112 Mathematical Sciences 1C
MAB210 Statistical Modelling 1
MAB220 Computational Mathematics 1
Note: MAB100 for students who do not have an exit assessment of at least Sound Achievement in four semesters of both Senior Mathematics B and Senior Mathematics C

**Level 2**
MAB331 Advanced Calculus
MAB332 Linear Algebra
At least one of:
MAB315 Operations Research 2
MAB413 Differential Equations
MAB414 Applied Statistics 2
MAB422 Mathematical Modelling
Other Level 2 units:
MAB333 Mathematics of Finance
MAB334 Statistical Modelling 2
MAB380 Introduction to Supercomputing
MAB420 Computational Mathematics 2
MAB481 Visualisation and Data Analysis

**Level 3**
Select at least four units from:
MAB522 Computational Mathematics 3
MAB524 Statistical Inference
MAB525 Operations Research 3A
MAB526 Statistical Science 3
MAB580 Scientific Computation
MAB613 Partial Differential Equations
MAB623 Financial Mathematics
MAB624 Applied Statistics 3
MAB625 Operations Research 3B
MAB640 Industry Project
MAB672 Advanced Mathematical Modelling
MAB681 Advanced Visualisation and Data Analysis

**Bachelor of Biotechnology Innovation (Extended) (LS50)**

**Award title:** Bachelor of Biotechnology Innovation

**CRICOS code:** 037681J

**Location:** Gardens Point

**Course duration (full-time):** 4 years

**Course duration (part-time):** 8 years

**Total credit points:** 384

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Chris Collet

**Professional Recognition**

On graduation, students are immediately eligible for graduate membership of AusBiotech Ltd and the Australian Society of Biochemistry and Molecular Biology.

**Course structure**

**Year 1 - Semester 1**
LSB118 Life Science
LSB309 Introduction to Intellectual Property Law
PCB142 Chemistry 1

**Year 1, Semester 2**
BSB115 Management, People and Organisations
LSB238 Cell and Molecular Biology 1
LSB258 Principles of Human Physiology
PCB242 Chemistry 2

**Year 2, Semester 1**
BSB110 Accounting
LSB338 Cell and Molecular Biology 2
LSB397 Plant Physiology

**Year 2, Semester 2**
BSB119 International and Electronic Business
LSB468 Molecular Biology
LSB497 Plant Molecular Biology

**Year 3, Semester 1**
BSB126 Marketing
LSB509 Medical Biotechnology
LSB577 Plant Biotechnology 1

**Year 3, Semester 2**
MGB218 Venture Skills

**Year 4, Semester 1**
BSB310 Business and Biotechnology
LSB409 Readings in Biotechnology
LSB537 Genetic Engineering

**Year 4, Semester 2**
BSB311 Research, Development and Commercialisation Strategies
Bachelor of Biotechnology Innovation (Standard) (LS50)
Award title: Bachelor of Biotechnology Innovation
CRICOS code: 037681J
Location: Gardens Point
Course duration (full-time): 3 years
Course duration (part-time): 6 years
Total credit points: 384
Standard credit points per semester (full-time): 48
Course coordinator: Dr Chris Collet

Special Course Requirements
The accelerated mode of the course requires students to study in three semesters per year.

Professional Recognition
On graduation, students are immediately eligible for graduate membership of AusBiotech Ltd and the Australian Society of Biochemistry and Molecular Biology.

Course Structure
Year 1, Semester 1
LSB118 Life Science
LSB309 Introduction to Intellectual Property Law
MAB101 Statistical Data Analysis 1
PCB142 Chemistry 1

Year 1, Semester 2
BSB115 Management, People and Organisations
LSB238 Cell and Molecular Biology 1
LSB258 Principles of Human Physiology
PCB242 Chemistry 2

Year 1, Summer Program
BSB110 Accounting
BSB119 International and Electronic Business
BSB126 Marketing

Year 2, Semester 1
LSB325 Biochemistry
LSB328 Microbiology 1
LSB338 Cell and Molecular Biology 2
LSB397 Plant Physiology

Year 2, Semester 2
AMB251 Innovation and Market Development
LSB468 Molecular Biology
LSB497 Plant Molecular Biology
LSB605 Protein Engineering and Bioprocessing
MGB218 Venture Skills

Year 3, Semester 1
BSB310 Business and Biotechnology
LSB509 Medical Biotechnology
LSB537 Genetic Engineering
LSB577 Plant Biotechnology 1

Year 3, Semester 2
BSB311 Research, Development and Commercialisation Strategies
LSB409 Readings in Biotechnology
LSB609 Medical Biotechnology 2
LSB619 Genomics & Bioinformatics
LSB677 Plant Biotechnology 2

Year 3, Summer Program
LSB709 Biotechnology Research Project
LSB709/2 Biotechnology Research Project
LSB709/3 Biotechnology Research Project

Bachelor of Mathematics (MA54)
CRICOS code: 049433D
Location: Gardens Point
Course duration (full-time): 3 years
Course duration (part-time): 6 years
Total credit points: 288
Standard credit points per semester (full-time): 48
Course coordinator: Dr Ian Turner

Professional Recognition
Membership of the Australian Mathematical Society, the Statistical Society of Australia Inc and the Australian Society for Operations Research is available.

Course structure - Bachelor of Mathematics
Students must complete at least 192 credit points (16 twelve credit point units) of mathematics units

Level 1 Units
MAB100 Mathematical Sciences 1A
MAB101 Statistical Data Analysis 1
MAB111 Mathematical Sciences 1B
MAB112 Mathematical Sciences 1C
MAB210 Statistical Modelling 1
MAB220 Computational Mathematics 1
Note: MAB100 is for students who do not have an exit assessment of at least Sound Achievement in four semesters of both Senior Mathematics B and Senior Mathematics C
At least 120 credit points (10 units) must be taken from Level 2 and Level 3 mathematics units with at least 48 credit points from Level 3 mathematics units

Level 2 Units
MAB311 Advanced Calculus
MAB312 Linear Algebra
At least one of
MAB315 Operations Research 2
MAB413 Differential Equations
MAB414 Applied Statistics 2
MAB422 Mathematical Modelling
Other Level 2 units
MAB313 Mathematics of Finance
MAB314 Statistical Modelling 2
MAB380 Introduction to Supercomputing
MAB420 Computational Mathematics 2
MAB481 Visualisation and Data Analysis

Level 3 Units
At least four units from
MAB521 Applied Mathematics 3
MAB522 Computational Mathematics 3
MAB524 Statistical Inference
MAB525 Operations Research 3A
MAB526 Statistical Science 3
MAB580 Scientific Computation
MAB613 Partial Differential Equations
MAB623 Financial Mathematics
MAB624 Applied Statistics 3
MAB625 Operations Research 3B
MAB640 Industry Project
MAB672 Advanced Mathematical Modelling
Other Level 3 Units:
MAB681 Advanced Visualisation and Data Analysis
MAB523 Introduction to Quality Management
MAB621 Discrete Mathematics

Other Units
Up to a maximum of 96 credit points may be taken, normally from Information Technology and Business units with not more than 48 credit points from first level units. You can take units from a different area with permission from the Course Coordinator.
Section Three – Course Information

International College

Overview

Senior Staff

Courses

- Bridging Program (QC03)
- English for Academic Purposes for degree programs (QC10)
- English for Academic Purposes for Foundation and University Diploma Programs (QC10)
- Foundation Program (1 Semester) (QC01)
- Foundation Program (2 Semesters) (QC02)
- General English (QC20)
- University Diploma in Business (BS40)
- University Diploma in Information Technology (IT10)
- University Diploma in Professional Communication (IF06)
OVERVIEW

QUT International College (QUTIC) provides a variety of programs primarily for international students who seek to bridge their studies to higher education courses at QUT and other Australian universities.

The International College is an integral part of QUT. It contributes to the internationalisation of the University through the delivery of University Entry Programs and English Language Programs which prepare international students for undergraduate and postgraduate study at QUT.

The College provides a variety of pathways to meet the varying needs of students. These include English Language, Foundation, Bridging, Diploma and Postgraduate Pathway programs. Students receive high quality tuition and support in small classes and, at the same time, enjoy the full use of all university facilities including libraries, student services, recreational and computer facilities.

SENIOR STAFF

Director, QUT International College: Ms Elizabeth McDade, TDipCom Strathclyde, TCert Jordanhill, BEdSt Qld, MAcc Charles Sturt

Director of Studies, University Entry Programs: Ms Luciana Niven, MBA GradDipLing GradDipReading Griff

Senior Administration Coordinator, University Entry Programs: Mrs B. Hosegood, BA (ACS) Griff, ATEM

Director of Studies, English Language Programs: Mr Ian McGregor, MEd(TESOL) NE, PGDipSocSci Qld, GradDipEd BA Griff

Administration Officer, English Language Programs: Ms M. McGrath, AssDip(Bus) RMIT
Bridging Program (QC03)
CRICOS code: 003518A
Location: Kelvin Grove
Course duration (full-time): 1 semester
Total credit points: 48
Standard credit points per semester (full-time): 48
Course coordinator: Luciana Niven

Entry Requirements - English Language
IELTS 6.0 with no sub-score less than 5.0 or TOEFL 213 (CBT) or equivalent, or successful completion of the EAP program (N.B. Students should also check visa requirements).

Description
This program provides two alternative streams. Stream A is designed for students who have not met English and/or prerequisite requirements for their chosen undergraduate or postgraduate course. Most students may undertake one degree unit (for credit) whilst enrolled in a Bridging program. Those with advanced standing may be able to undertake two degree units. Stream B is for students who have met English requirements but not prerequisite requirement for their degree, or who may wish to improve the standard of their academic English. These students may take one or two degree units (for credit) whilst enrolled in the Bridging Program. Both streams include intensive preparation for academic language, lateral thinking, research and presentation skills required for successful tertiary study. Small classes and dedicated staff ensure an excellent learning environment. Additional support is provided by Language and Welfare Advisers.

Progression
In order to progress to an award course, students must:
1. fulfil the Bridging course requirements
2. gain a minimum grade of 4 (Pass) in Communication 2 or an IELTS 6.5 or equivalent,
3. meet any other conditions detailed in the 'letter of offer' from the Office of International Students.

Full-time course structure
Stream A (for those with IELTS 6.0)
QCD110 Communication For Business 1
QCD120 Communication For Information Technology 1
QCD210 Communication For Business 2
QCD220 Communication For Information Technology 2
QCS230 Computer Word-processing and Internet

Stream B (for those with IELTS 6.5)
QCD110 Communication For Business 1
QCD120 Communication For Information Technology 1
QCD210 Communication For Business 2
QCD220 Communication For Information Technology 2
Note
†If you have advanced standing, you may be able to undertake two degree units during your Bridging Program.

English for Academic Purposes for Foundation and University Diploma Programs (QC10)
CRICOS code: 011424G
Location: Kelvin Grove
Course duration (full-time): 12 weeks
Total credit points: 48
Course coordinator: Judith Douse

Entry requirements*
To be eligible for entry, applicants must either:
1. Have an offer of a place in a QUT Foundation or Diploma program and successfully complete the relevant EAP entry test;
2. Produce original documentary evidence of an IELTS score of a minimum 5.0 with reading and writing sub-score of at least 5.0 (or approved equivalent).
*You should check English language requirements for a Student Visa from your country of origin.

Progression
Successful completion of an EAP course is a pathway into QUT International College Foundation, Diploma, Certificate or Bridging programs; or QUT undergraduate or postgraduate award programs. The course is recognised by all QUT faculties.

Course structure
Modules
QCE003 English For Academic Purposes For Direct Entry To QUT
The EAP course consists of the following integrated modules:
- Seminars and Presentations
- Academic Reading and Note-making
- Academic Writing
- Listening and Note-taking from Lectures
- Speaking in Academic Settings
- Academic Study Skills
- Computer Word-processing and Internet
- Library Research

Foundation Program (1 Semester) (QC01)
CRICOS code: 003287M
Location: Kelvin Grove
Course duration (full-time): 1 Semester
Total credit points: 60
Course coordinator: Luciana Niven
Entry Requirements - English Language
IELTS 6.0 with no sub-score less than 5.5 or TOEFL 550 (paper) or TOEFL 213 (CBT) or equivalent, or successful completion of the EAP program (N.B. Students should also check visa requirements).

Progression
Conditions of progressing to a guaranteed place in first year of a QUT degree:
   i) fulfil the Foundation course requirements,
   ii) obtain a grade of 5 (Credit) in Communication 2 or an IELTS 6.5 or equivalent,
   iii) obtain a Grade Point Average (GPA) in the final semester as indicated in the table of Faculty requirements below:

Required Foundation Grade Point Average by Faculty
Law - Justice Studies - Required GPA 4.2
Humanities & Human Services - Required GPA 4.2
Creative Industries - Required GPA 4.4
Built Environment - Required GPA 4.6
Health (except Optometry & Psychology) - Required GPA 4.6
Science - Required GPA 4.6
Business - Required GPA 4.8
Law (except Justice Studies) - Required GPA 4.8
Information Technology - Required GPA 4.8
Health - Psychology - Required GPA 5.0
Engineering - Aerospace Avionics - Required GPA 5.8
Health - Optometry - Required GPA 5.8

N.B. Grades in each unit are awarded on a scale from 1 to 7, with 7 being the highest.

Full-time course structure

Semester One
QCF212 Communication 2
QCF211 Tertiary Preparation Studies 2
QCF256 Mathematics A2
OR
QCF257 Mathematics B2
+ TWO ELECTIVES from the following list
QCF220 Accounting 2
QCF221 Economics 2
QCF230 Information Processing
QCF232 Organisations And Management
QCF252 Life Science
QCF240 Legal Studies
NB QCF252 and QCF240 are only offered in ALTERNATE semesters

Semester Two
QCF212 Communication 2
QCF211 Tertiary Preparation Studies 2
QCF256 Mathematics A2
OR
QCF257 Mathematics B2
+ TWO ELECTIVES from the following list
QCF220 Accounting 2
QCF221 Economics 2
QCF253 Physical Sciences 2
QCF210 Applied Psychology
QCF230 Information Processing
QCF232 Organisations And Management
QCF252 Life Science
QCF240 Legal Studies
Approved diploma units (Business, IT or Professional Communication students only)
NB QCF252 and QCF240 are only offered in ALTERNATE semesters

General English (QC20)
CRICOS code: 01426E
Location: Kelvin Grove
Course duration (full-time): 5 weeks
Total credit points: 20
Course coordinator: Ian Davies

Progression
Progress is monitored on a student profile which is created for each student over the length of the course. All assessment results (formative/summative/diagnostic) are recorded.

Course structure
General English
QCE001 General English (Full-time)
English Language Structures & Systems
Grammar
Vocabulary
Integrated Skills Development
Cultural Studies
Electives Activities Program
University Diploma in Business (BS40)

Award title: University Diploma in Business
CRICOS code: 025282A
Location: Kelvin Grove
Course duration (full-time): 2 Semesters
Total credit points: 96
Standard credit points per semester (full-time): 48
Course coordinator: Elizabeth McDade

Entry Requirements - English Language
Queensland Senior English (Low Achievement) or IELTS 5.5 with no sub-score less than 5.0 or TOEFL 525 (paper), TOEFL 193 (CBT) or equivalent, or successful completion of the EAP program. (NB Students should also check visa requirements).

Progression
Requirements for progression to the second year of QUT Bachelor of Business:
1. fulfil the Diploma course requirements,
2. a minimum Grade Point Average (GPA) of 4, and
3. an IELTS score of 6.5 or its equivalent.

Full-time course structure
Semester One
BSD110 Accounting
BSD113 Economics
BSD126 Marketing
QCD110 Communication For Business 1

Semester Two
BSD114 Government, Business and Society
BSD115 Management, People and Organisations
BSD119 International and Electronic Business
QCD210 Communication For Business 2

University Diploma in Information Technology (IT10)

Award title: University Diploma in Information Technology
CRICOS code: 025283M
Location: Kelvin Grove
Course duration (full-time): 2 Semesters
Total credit points: 96
Standard credit points per semester (full-time): 48
Course coordinator: Elizabeth McDade

Entry Requirements - English Language
Queensland Senior English (Low Achievement) or IELTS 5.5 with no sub-score less than 5.0 or TOEFL 525 (paper), TOEFL 193 (CBT) or equivalent, or successful completion of the EAP program. (N.B. Students should also check visa requirements).

Course Completion
Students must obtain at least a grade of 4 (Pass) in seven units and a grade of 3 (Low pass) in the remaining unit.

Progression
Requirements for progression to the second year of QUT Bachelor of Information Technology:
1. fulfil the Diploma course requirements,
2. a minimum Grade Point Average (GPA) of 4, and
3. an IELTS score of 6.5 or its equivalent.

Full-time course structure
Semester One
ITD111 Software Development 1
ITD113 Systems Architecture
ITD115 Introduction to Databases
QCD120 Communication For Information Technology 1

Semester Two
ITD112 Software Development 2
ITD114 Networking Systems
ITD116 IT Professional Studies 1
QCD220 Communication For Information Technology 2
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Please contact individual faculties for details on individual PhD programs.

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 knowledge. The award of a Doctor of Philosophy degree 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.

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.

Examination Committee means the committee of external examiners appointed to undertake examination of the candidate's thesis.

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).

Faculty means the relevant faculty of QUT.

Faculty Committee means the duly constituted committee responsible for the management and oversight of postgraduate candidates within the faculty.

A Final Seminar means the public seminar called by the faculty to determine whether the thesis is acceptable for examination by the Examination Committee.

Internal candidate means a candidate who will complete his or her study whilst physically attending a campus of QUT.

Masters by coursework means a master's degree, which has a research component comprising less than 66% of the total course of study.

Masters by research means a master's degree, which has a research component comprising 66% or more of the total course of study.

Prescribed Form means the relevant form found via the Research Students Section of the QUT Office of Research Home Page.

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.

Recognised institution means any tertiary education institution accepted by the Research Degrees Committee for the purposes of these Regulations.

Research centre/research concentration means the relevant research centre/research concentration of QUT.

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.

School means the relevant school of QUT.

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 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 If 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/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; and
• 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);
7.2.1 PhD, masters or professional doctorate (research)

Committee that:

• a Research Ethics Checklist or a copy of QUT Ethics Committee Clearance;
• proposed supervisors and their credentials; and
• an Intellectual Property Agreement if required (ref. Regulation 6.7).

7.2 External Applicants From Another Institution

7.2.1 PhD, masters or professional doctorate (research) candidates transferring enrolment to a QUT PhD program from another institution will normally be required to undergo the full QUT Confirmation of Candidature process including presentation of a seminar if transferring after twelve months or more of full-time candidature or part-time equivalent at their former institution unless they have successfully completed an equivalent procedure at their previous institution. Candidates seeking transfer to QUT in under twelve months/full-time or twenty-four months/part time will normally be required to submit a Stage 2 application.

7.2.2 External Transfer application to the PhD shall be made on the prescribed form.

7.2.3 The faculty shall first review the candidate’s progress and planned research program and append to the Application for Transfer, a statement which sets out:

• the nature, duration and quality of the work already done, its relevance to the proposed PhD thesis and the recommended amount of credit;
• an appraisal of the candidate’s progress and suitability for transfer of candidature and confirmation of PhD candidature;
• an agreement that the proposed research is within the aims and objectives and physical and human resources of the centre/research concentration; and
• an agreement that the centre/research concentration is willing and able to provide the accommodation, facilities and physical and human resources for the duration of the study.

7.2.4 In considering the application for Transfer of Candidature, the Research Degrees Committee shall:

• approve the transfer of candidature, normally confirming PhD candidature, and determine the amount of credit to be allowed, the date of admission and minimum and maximum candidature dates; or
• request changes to the planned research program which must be addressed by the candidate and resubmitted to the Research Degrees Committee; or
• not approve the transfer.

8. Place and Conditions of Work

8.1 Internal candidates (part-time and full-time) are expected to carry out their research program in a suitable environment at a QUT Campus.

8.2 The Research Degrees Committee must be satisfied that appropriate arrangements as set out in these Regulations regarding coursework, participation in scholarly activities, supervision, facilities in training and research methods can be made for each candidate including part-time candidates. The Head of School must ensure that accommodation, equipment and access to library and computing facilities meet the needs of the approved planned research program for the duration of the candidature.

8.3 The Research Degrees Committee may permit a PhD candidate to conduct his/her research as an external candidate either elsewhere in Australia or overseas or to approve a change of enrolment from internal to external status or vice versa.

8.4 The candidate and the Principal Supervisor, at Stage 1 of the application process or prior to the requested transfer to external status, must provide written evidence to the Research Degrees Committee that:

• the arrangement for the research at the external location (normally a recognised research establishment or place of professional employment) meets the normal requirements of the PhD program;
• the candidate has opportunity to participate in scholarly activities;
• academic standards in the conduct of the PhD research can be assured;
• a suitable program of contacts between the candidate and the Principal Supervisor can be maintained and the methods by which this will be achieved are explained;
• a suitable Associate Supervisor will be responsible for regular supervision is available at the external establishment or an explanation as to why this is unnecessary is given;
• a letter of support from the external establishment stating that the resources required for the study are available and accessible to the candidate and will continue to be available for the duration of candidature is provided; and

In exceptional circumstances the candidate, Principal Supervisor and Centre Director may present a case for exemption from the above requirements.

8.5 External candidates must normally spend a minimum of three months at QUT during the course of their candidature and must normally be present for the Confirmation of Candidature and for the Final Seminar presentation (ref. Regulation 16.9) of the thesis.

8.6 In exceptional circumstances, the candidate may be permitted to complete the Final Seminar by videoconference. 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 normally shall not exceed two years from the date on which the examination is expected to take.

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.
14.2.4 Normally, the thesis shall include the following:

- a 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 formats. 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
Recommended: 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.

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 fulfillment of the conditions for the award of the PhD degree.

17.3 Where both examiners recommend that the thesis be revised and resubmitted for examination (Examiners Report Recommendation 4), after consultation with the Principal Supervisor and the Centre Director, the Head of School or nominee will make written recommendation to the Research Degrees Committee within 7 days of the receipt of the Examiners Reports listing any revisions required. Once these are approved by the Research Degrees Committee, the Research Degrees Committee will inform the candidate of the revisions and/or any action required

17.4 Where both examiners recommend that the candidate should be awarded the degree at master’s level, (Recommendation 5), the Head of School or nominee will consult with the Principal Supervisor to discuss any revisions that the candidate may be required to make and forward a recommendation to the Research Degrees Committee. Once approved the Head of School will meet with the Centre Director and Principal Supervisor to discuss outcome with the Principal Supervisor responsible for informing the candidate of the decision.

18. Examiners Not In Agreement
18.1 Where the recommendations of the external examiners are not in agreement as to whether the thesis should be accepted for the award of PhD or as to whether the thesis may be revised and resubmitted the thesis will be sent to the third nominated examiner.

18.2 Upon receipt of the third examiner’s report, a majority decision shall be adopted.

18.3 Where the majority decision is that the thesis be accepted for the award or the thesis be accepted for the award of a masters degree or the thesis be rejected and the candidate not be permitted to resubmit, the procedures in Section 17 shall apply.

18.4 Where the majority decision is that the candidate be required to submit for re-examination or the thesis fail, the procedures in Section 17 shall apply.

18.5 Where the recommendations of the three examiners clearly differ and no clear majority exists, the Head of School or nominee shall liaise with the Director, Postgraduate Research Studies, and the Principal Supervisor to determine the further course of action which may involve any of the outcomes listed in Regulation 16.13.

19. Re-examination
19.1 A candidate who is required to submit for re-examination may be re-examined only once except in the case of an upheld appeal.

19.2 Re-examination shall take place within twelve months from the date on which the candidate is advised in writing by the Head of School or nominee of such re-examination. The Research Degrees Committee may, on written application by the candidate and supported by the Principal Supervisor and Centre Director with suitable justification, approve an extension to this period which, under normal circumstances, may be a maximum of a further twelve months.

19.3 A candidate who is required to submit his/her thesis for re-examination must re-enrol in the PhD program.

19.4 The thesis shall be re-examined by the same two examiners unless:

• any of the examiners is unable to re-examine the thesis in which case the Head of School or nominee with the agreement of the Principal Supervisor and the faculty shall nominate a replacement examiner(s) who must be approved by the Research Degrees Committee; or the Research Degrees Committee replaces one or more of the examiners on advice from the RDC Chair and with suitable justification.

19.5 Examiners re-examining a thesis will be asked to provide a written report on the candidate’s thesis and to recommend one of the following courses of action:

(a) the candidate should be awarded the degree with or without minor nominated revisions; or
(b) the candidate should be awarded the degree at masters level with or without minor nominated revisions; or
(c) the thesis should be rejected and the degree should not be awarded.

19.6 Regulations applicable to PhD examination shall apply to the re-examination.

20. Appeals
20.1 A candidate whose thesis has been failed or whose thesis has been recommended for the award of the degree of master may lodge an appeal against the outcome of the examination process.

20.2 The grounds for appeal may be on matters of process only, ie procedural irregularities in the conduct of the examination or documented evidence of examiner bias as evidenced by comments in the examiners reports.

20.3 An appeal must be lodged within sixty (60) days of the date of written advice from the Office of Research on the outcome of the examination. This appeal must include the specific grounds on which the appeal is based.

20.4 Appeals as described in Section 20 must be submitted, in writing, to the Office of the Pro-Vice-Chancellor (Research and Advancement). The Director, Postgraduate Research Studies, will determine whether a potential conflict of interest exists in relation to her/his consideration of the appeal.

20.5 In cases where a conflict of interest exists, the Director, Postgraduate Research Studies, will appoint a member of academic staff, with expertise in research candidate supervision, to consider the appeal.
20.6 The Director, Postgraduate Research Studies, or appointee will decide whether a case exists and may seek the advice of the faculty, school or centre/research concentration as appropriate.

20.7 The appeal may be allowed or dismissed. If an appeal is allowed, the Director, Postgraduate Research Studies, or appointee cannot recommend that the degree be awarded but shall recommend that: the thesis be re-examined. This re-examination shall be carried out in accordance with the Section 19 taking account of the issues raised in the successful appeal.

20.8 The Director, Postgraduate Research Studies, or appointee will make a determination on the appeal as soon as practicable and will advise appellants, in writing, of the result of the appeal.

**Master of Advertising (Creative Advertising/Strategic Advertising) (IF96)**

**Award title:** Master of Advertising  
**CRICOS code:** 048322G  
**Location:** Gardens Point and Kelvin Grove  
**Course duration (full-time):** 1.5 years  
**Course duration (part-time):** 3 years  
**Total credit points:** 144  
**Standard credit points per semester (full-time):** 48  
**Course coordinator:** Dr Terry Flew (Creative Industries); Ms Lyn Simpson (Business)

**Course Design**  
All students must complete eight compulsory units (96 credit points), and four approved elective units (48 credit points).

**Course Structure Creative Advertising (Study Area A) - Full-time**

**Year 1, Semester 1**  
- AMN420 Advertising Management  
- AMN421 Contemporary Issues in Advertising  
- KCP360 Advertising Creative: Introduction  
- KCP362 Advertising Creative: Copywriting and Art Direction

**Year 1, Semester 2**  
- KCP361 Advertising Creative: Electronic and Print Media  
- AMN400 Consumer Behaviour OR  
- KVP100 Graphic Design  
- Elective Unit  
- Elective Unit

**Year 2, Semester 1**  
- KKN600 Advertising Creative: Major Project  
- Elective Unit  
- Elective Unit

**Course Structure Creative Advertising (Study Area A) - Part-time**

**Year 1, Semester 1**  
- KCP360 Advertising Creative: Introduction  
- AMN420 Advertising Management  
- AMN400 Consumer Behaviour OR  
- Elective

**Year 2, Semester 1**  
- KCP362 Advertising Creative: Copywriting and Art Direction  
- AMN421 Contemporary Issues in Advertising  
- KVP100 Graphic Design  
- Elective unit

**Year 3, Semester 1**  
- KKN600 Advertising Creative: Major Project

**Year 3, Semester 2**  
- Elective Unit  
- Elective Unit

**Creative Advertising Electives**  
Students may either choose electives from the following list of suggested units or consult with the course coordinator for approval for other units.  
- KIN816 Information Design  
- KIN817 Project Management  
- KIN818 Digital Media  
- KIN819 Electronic Publishing  
- KMN606 Digital Recording  
- KMN608 Composing For Moving Pictures  
- KMN613 Music and Sound For Digital Media  
- KMB619 Music and Sound Technology  
- KPB118 Photomedia: Traditions and Techniques  
- KPB155 Media Production  
- KPB370 Principles of Television  
- KPB371 Advanced Principles of Television  
- KPB372 Televisual Formats  
- KVB509 Photomedia and Artistic Practice  
- KVB703 Video Art and Culture  
- KWB111 Media Writing  
- KWB315 Persuasive Writing  
- KWB314 Corporate Writing and Editing  
- KWB370 Electronic Creative Writing

* Subject to course coordinator approval

**Course Structure Strategic Advertising (Study Area B) - Full-time**

**Year 1, Semester 1**  
- AMN400 Consumer Behaviour OR  
- AMN420 Advertising Management  
- AMN422 Media Strategy  
- KCP360 Advertising Creative: Introduction  
- KCP361 Advertising Creative: Electronic and Print Media

**Year 2, Semester 2**  
- AMN403 Marketing and Survey Research OR  
- AMN412 Qualitative Research and Analytical Techniques  
- AMN421 Contemporary Issues in Advertising  
- AMN423 Strategies for Creative Advertising  
- Elective unit

**Year 2, Semester 1**  
- AMN401 Integrated Marketing Communication OR  
- AMN442 Marketing Management  
- AMN406 Project OR  
- 2 Elective units (24 credit points)  
- Elective unit

**Course Structure Strategic Advertising (Study Area B) - Part-time**

**Year 1, Semester 1**  
- KCP360 Advertising Creative: Introduction  
- AMN420 Advertising Management  
- AMN400 Consumer Behaviour OR  
- KCP361 Advertising Creative: Electronic and Print Media  
- AMN421 Contemporary Issues in Advertising

**Year 2, Semester 1**  
- AMN401 Integrated Marketing Communication OR  
- AMN442 Marketing Management  
- AMN406 Project OR  
- 2 Elective units (24 credit points)  
- Elective unit

**Strategic Advertising Electives**  
Elective units may be selected from postgraduate units offered by the Faculty of Business. Postgraduate units from other Faculties of the University may be selected, but require approval from the course coordinator.
Master of Business Administration/Master of Information Technology (IF98/IF13)

Award title: Master of Business Administration/Master of Information Technology
CRICOS code: 037551G
Location: Gardens Point
Course duration (full-time): 5 semesters
Course duration (part-time): 10 semesters
Total credit points: 240
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Dr Caroline Hatcher (Business); Dr Alison Anderson (Information Technology)

Course Design
This double degree combines the core course structure of the Master of Business Administration (MBA) (GS30) with the standard course structure of the Master of Information Technology for IT graduates (IT40) comprising 240 credit points in total.

Note that BGSB units are 6 credit points and 7 weeks in duration, whereas ITN (Information Technology) units are 12 credit points and 13 weeks in duration, being held for the entire duration of semester.

Students may exit with a Master of Business Administration (MBA)/Graduate Diploma in Information Technology if 192 credit points have been completed and the requirements for that course have been satisfied.

Course structure - Non-IT Graduates

First Semester, First Half
GSN401 Managing in the Global Business Environment
GSN405 Strategic Management
GSN407 Business Communication
GSN408 Fundamentals of Marketing Management

First Semester, Second Half
GSN402 Strategic Use of Information Technology
GSN403 Understanding Data
GSN404 Financial Statements Analysis 1
GSN409 Organisational Behaviour 1

Second Semester, First Half
GSN410 Entrepreneurship
GSN411 Economics of Strategy 1
GSN412 Business Law 1
GSN413 Financial Management 1
GSN414 Business Conditions Analysis 1
GSN415 Understanding Leadership
GSN416 Business Plans 1

Third Semester
ITN200 Database Systems
ITN201 Enterprise Architecture
IT Elective unit: IT Management Unit (Semester long unit) - Selected from list A
IT Elective unit: IT Management Unit (Semester long unit) - Selected from list A

Fourth Semester
ITN600 Programming Principles
ITN601 Systems and Networks
IT Elective unit (semester long unit) - refer MInfoTech course structure
IT Elective unit (semester long unit) - refer MInfoTech course structure

Fifth Semester
IT Elective unit (semester long unit) - refer MInfoTech course structure
IT Elective unit (semester long unit) - refer MInfoTech course structure
IT Elective unit (semester long unit) - refer MInfoTech course structure
IT Elective unit (semester long unit) - refer MInfoTech course structure

*International students may choose to undertake IBN440 Business in Australia, IBN435 Business in Australia 2 in their first semester of study instead of GSN410 and GSN409, and defer these two core units to a later teaching period. International students gain credit for IBN435 as an IT Management elective unit.

List A: IT Management Units
Select two (2) from the following IT Management Elective Units

Intermediate Level
ITN228 Enterprise Systems
ITN241 Information Technology Management
ITN266 Principles Of Information Management
Advanced Level 1
ITN220 Issues In IT Management
ITN233 Enterprise Systems Applications
ITN252 Process Engineering
ITN255 Knowledge Management
ITN272 Information Technology Project Management

Business Units
The following sixteen (16) business units must be completed:
GSN401 Managing in the Global Business Environment
GSN402 Strategic Use of Information Technology
GSN403 Understanding Data
GSN404 Financial Statements Analysis 1
GSN405 Strategic Management
GSN406 Human Resource Management Issues
GSN407 Business Communication
GSN408 Fundamentals of Marketing Management
GSN409 Organisational Behaviour 1
GSN410 Entrepreneurship
GSN411 Economics of Strategy 1
GSN412 Business Law 1
GSN413 Financial Management 1
GSN414 Business Conditions Analysis 1
GSN415 Understanding Leadership
GSN416 Business Plans 1

Master of Business Administration/Master of Information Technology (IF99/IF15)

Award title: Master of Business Administration/Master of Information Technology
CRICOS code: 037551G
Location: Gardens Point
Course duration (full-time): 5 semesters
Course duration (part-time): 10 semesters
Total credit points: 240
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Dr Caroline Hatcher (Business); Mr Robert Smyth (Information Technology)

Course structure - IT Graduates

First Semester, First Half
GSN401 Managing in the Global Business Environment
GSN405 Strategic Management
GSN407 Business Communication
GSN408 Fundamentals of Marketing Management

First Semester, Second Half
GSN402 Strategic Use of Information Technology
GSN403 Understanding Data
GSN404 Financial Statements Analysis 1
GSN405 Strategic Management
GSN406 Human Resource Management Issues
GSN407 Business Communication
GSN408 Fundamentals of Marketing Management
GSN409 Organisational Behaviour 1
GSN410 Entrepreneurship
GSN411 Economics of Strategy 1
GSN412 Business Law 1
GSN413 Financial Management 1
GSN414 Business Conditions Analysis 1
GSN415 Understanding Leadership
GSN416 Business Plans 1

Second Semester, First Half
ITN272 Information Technology Project Management
ITN255 Knowledge Management
ITN272 Information Technology Project Management

**UNIVERSITY-WIDE AND INTERFACULTY COURSES**

**First Level Courses**

- Advanced Level 1
  - ITN228 Enterprise Systems
  - ITN241 Information Technology Management
  - ITN266 Principles Of Information Management

- Advanced Level 2
  - ITN220 Issues In IT Management
  - ITN233 Enterprise Systems Applications
  - ITN252 Process Engineering
  - ITN255 Knowledge Management
  - ITN272 Information Technology Project Management

**Second Level Courses**

- Intermediate Level
  - GSN401 Managing in the Global Business Environment
  - GSN402 Strategic Use of Information Technology
  - GSN403 Understanding Data
  - GSN404 Financial Statements Analysis 1
  - GSN405 Strategic Management
  - GSN406 Human Resource Management Issues
  - GSN407 Business Communication
  - GSN408 Fundamentals of Marketing Management
  - GSN409 Organisational Behaviour 1
  - GSN410 Entrepreneurship
  - GSN411 Economics of Strategy 1
  - GSN412 Business Law 1
  - GSN413 Financial Management 1
  - GSN414 Business Conditions Analysis 1
  - GSN415 Understanding Leadership
  - GSN416 Business Plans 1

- Advanced Level 1
  - GSN417 Business Law 2
  - GSN418 Financial Management 2
  - GSN419 Organisational Behaviour 2
  - GSN420 Entrepreneurship 2
  - GSN421 Economics of Strategy 2

**Third Level Courses**

- Advanced Level 2
  - GSN422 International Business
  - GSN423 Strategic Management
  - GSN424 Human Resource Management
  - GSN425 Organisational Behaviour
  - GSN426 Entrepreneurship

**Fourth Level Courses**

- Advanced Level 3
  - GSN427 International Business Studies
  - GSN428 Strategic Management Studies
  - GSN429 Human Resource Management Studies
  - GSN430 Organisational Behaviour Studies
  - GSN431 Entrepreneurship Studies

**Fifth Level Courses**

- Advanced Level 4
  - GSN432 International Business Research
  - GSN433 Strategic Management Research
  - GSN434 Human Resource Management Research
  - GSN435 Organisational Behaviour Research
  - GSN436 Entrepreneurship Research

**Sixth Level Courses**

- Advanced Level 5
  - GSN437 International Business Policy
  - GSN438 Strategic Management Policy
  - GSN439 Human Resource Management Policy
  - GSN440 Organisational Behaviour Policy
  - GSN441 Entrepreneurship Policy

**Seventh Level Courses**

- Advanced Level 6
  - GSN442 International Business Management
  - GSN443 Strategic Management Development
  - GSN444 Human Resource Management Theory
  - GSN445 Organisational Behaviour Theory
  - GSN446 Entrepreneurship Theory

**Eighth Level Courses**

- Specialization Courses
  - GSN447 International Business Strategies
  - GSN448 Strategic Management Strategies
  - GSN449 Human Resource Management Strategies
  - GSN450 Organisational Behaviour Strategies
  - GSN451 Entrepreneurship Strategies

**Ninth Level Courses**

- Advanced Level 7
  - GSN452 International Business Practice
  - GSN453 Strategic Management Practice
  - GSN454 Human Resource Management Practice
  - GSN455 Organisational Behaviour Practice
  - GSN456 Entrepreneurship Practice

**Tenth Level Courses**

- Advanced Level 8
  - GSN457 International Business Innovation
  - GSN458 Strategic Management Innovation
  - GSN459 Human Resource Management Innovation
  - GSN460 Organisational Behaviour Innovation
  - GSN461 Entrepreneurship Innovation

**Eleventh Level Courses**

- Advanced Level 9
  - GSN462 International Business Leadership
  - GSN463 Strategic Management Leadership
  - GSN464 Human Resource Management Leadership
  - GSN465 Organisational Behaviour Leadership
  - GSN466 Entrepreneurship Leadership

**Twelfth Level Courses**

- Advanced Level 10
  - GSN467 International Business Policy and Practice
  - GSN468 Strategic Management Policy and Practice
  - GSN469 Human Resource Management Policy and Practice
  - GSN470 Organisational Behaviour Policy and Practice
  - GSN471 Entrepreneurship Policy and Practice

**Thirteenth Level Courses**

- Advanced Level 11
  - GSN472 International Business Research and Practice
  - GSN473 Strategic Management Research and Practice
  - GSN474 Human Resource Management Research and Practice
  - GSN475 Organisational Behaviour Research and Practice
  - GSN476 Entrepreneurship Research and Practice

**Fourteenth Level Courses**

- Advanced Level 12
  - GSN477 International Business Policy and Research
  - GSN478 Strategic Management Policy and Research
  - GSN479 Human Resource Management Policy and Research
  - GSN480 Organisational Behaviour Policy and Research
  - GSN481 Entrepreneurship Policy and Research

**Fifteenth Level Courses**

- Advanced Level 13
  - GSN482 International Business Leadership and Policy
  - GSN483 Strategic Management Leadership and Policy
  - GSN484 Human Resource Management Leadership and Policy
  - GSN485 Organisational Behaviour Leadership and Policy
  - GSN486 Entrepreneurship Leadership and Policy

**Sixteenth Level Courses**

- Advanced Level 14
  - GSN487 International Business Policy and Leadership
  - GSN488 Strategic Management Policy and Leadership
  - GSN489 Human Resource Management Policy and Leadership
  - GSN490 Organisational Behaviour Policy and Leadership
  - GSN491 Entrepreneurship Policy and Leadership

**Seventeenth Level Courses**

- Advanced Level 15
  - GSN492 International Business Policy and Leadership and Research
  - GSN493 Strategic Management Policy and Leadership and Research
  - GSN494 Human Resource Management Policy and Leadership and Research
  - GSN495 Organisational Behaviour Policy and Leadership and Research
  - GSN496 Entrepreneurship Policy and Leadership and Research
Full-Time Course Structure - Arts and Cultural Management

**Year 1, Semester 1**
- GSN401 Managing in the Global Business Environment
- GSN408 Fundamentals of Marketing Management
- KCP018 Creative Industries
- GSN228 Marketing Arts and Culture

**Year 1, Semester 2**
- GSN232 Fundraising Principles
- KCP355 Creative Industries In Asia
- KCP355 Creative Industries Project
- OR
- GSN111 Applied Research Project C
- KKN320 Workplace Learning (12cp)
- KKN330 Workplace Learning (24cp)

**Year 2, Semester 1**
- KCP353 Creative Industries Research Seminar
- Choose 36 credit points from the following:
  - KCP354 Creative Industries In Asia
  - KCP355 Creative Industries Project
  - OR
  - GSN111 Applied Research Project C
- KKN320 Workplace Learning (12cp)
- KKN330 Workplace Learning (24cp)

**Part-time Course Structure - Arts and Cultural Management**

**Year 1, Semester 1**
- GSN401 Managing in the Global Business Environment
- GSN408 Fundamentals of Marketing Management
- KCP018 Creative Industries
- OR
- GSN111 Applied Research Project C
- KKN320 Workplace Learning (12cp)
- KKN330 Workplace Learning (24cp)

**Year 2, Semester 2**
- GSN227 Arts and Cultural Management
- GSN232 Fundraising Principles
- OR
- GSN225 Business Development in Creative Industries
- KCP356 New Media Technologies
- OR
- Creative Industries Elective unit

**Year 2, Semester 1**
- GSN227 Arts and Cultural Management
- GSN232 Fundraising Principles
- OR
- GSN225 Business Development in Creative Industries
- KCP356 New Media Technologies
- OR
- Creative Industries Elective unit

**Year 3, Semester 1**
- KCP353 Creative Industries Research Seminar
- Choose 12 credit points from the following:
  - KCP354 Creative Industries In Asia
  - KKN320 Workplace Learning (12cp)

**Year 3, Semester 2**
- Choose 24 credit points from the following:
  - KCP353 Creative Industries Research Seminar
  - KCP355 Creative Industries Project
  - OR
  - GSN111 Applied Research Project C
  - KKN320 Workplace Learning (12cp)
  - KKN330 Workplace Learning (24cp)

**Full-Time Course Structure - Creative and Media Enterprises**

**Year 1, Semester 1**
- GSN401 Managing in the Global Business Environment
- GSN408 Fundamentals of Marketing Management
- KCP018 Creative Industries
- Choose two units (24 credit points) from the following:
  - GSN449 Public Sector and Social Marketing
  - GSN450 Public Sector and Social Marketing 2

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**Master of Creative Industries (Arts Management & Creative Enterprise) (IF04)**

**Award title:** Master of Creative Industries

**Location:** Gardens Point and Kelvin Grove

**Course duration (full-time):** 3 semesters full-time

**Course duration (part-time):** 6 semesters part-time

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

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**Course coordinator:** Dr Terry Flew (Creative Industries); Ms Joanne Jacobs (Business)

**Course Design**

Some units may not run in their listed semester as a result of insufficient enrolments. If a course variation is required for this or any other reason, please contact the relevant Course Coordinator in order to vary enrolment.
Course Design
Creative Advertising: All students must complete six compulsory units (72 credit points), and two approved elective units (24 credit points).
Strategic Advertising: All students must complete seven compulsory units (84 credit points), and one approved elective unit (12 credit points).

Course Structure Creative Advertising (Study Area A) - Full-time

**Year 1, Semester 1**
- KCP360 Advertising Creative: Introduction
- AMN420 Advertising Management
- AMN421 Contemporary Issues in Advertising
- KCP362 Advertising Creative: Copywriting and Art Direction

**Year 1, Semester 2**
- KCP361 Advertising Creative: Electronic and Print Media
- AMN400 Consumer Behaviour
- OR
  - Elective unit
- KVP100 Graphic Design

**Course Structure Creative Advertising (Study Area A) - Part-time**

**Year 1, Semester 1**
- KCP360 Advertising Creative: Introduction
- AMN420 Advertising Management

**Year 1, Semester 2**
- KCP362 Advertising Creative: Copywriting and Art Direction
- AMN400 Consumer Behaviour
- OR
  - Elective Unit

**Year 2, Semester 1**
- AMN421 Contemporary Issues in Advertising

**Year 2, Semester 2**
- KCP361 Advertising Creative: Electronic and Print Media
- KVP100 Graphic Design

Creative Advertising Electives
Students may either choose electives from the following list of suggested units or consult with the course coordinator for approval for other units.

* Subject to course coordinator approval

Course Structure Strategic Advertising (Study Area B) - Full-time

**Year 1, Semester 1**
- AMN400 Consumer Behaviour
- OR
- KCP361 Advertising Creative: Electronic and Print Media
- AMN420 Advertising Management
- AMN422 Media Strategy
- KCP360 Advertising Creative: Introduction

**Year 1, Semester 2**
- AMN403 Marketing and Survey Research
- OR
- BSN412 Qualitative Research and Analytical Techniques
- AMN421 Contemporary Issues in Advertising

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**Graduate Diploma in Advertising (Creative Advertising/Strategic Advertising) (IF95)**

**Award title:** Graduate Diploma in Advertising

**CRICOS code:** 048323B

**Location:** Gardens Point and Kelvin Grove

**Course duration (full-time):** 2 semesters full-time

**Course duration (part-time):** 4 semesters part-time

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Terry Flew (Creative Industries); Ms Lyn Simpson (Business)
AMN423 Strategies for Creative Advertising
   Elective Unit

Course Structure Strategic Advertising (Study Area B) - Part-time
Year 1, Semester 1
KCP360 Advertising Creative: Introduction
AMN420 Advertising Management

Year 1, Semester 2
AMN400 Consumer Behaviour
OR
KCP361 Advertising Creative: Electronic and Print Media
AMN421 Contemporary Issues in Advertising

Year 2, Semester 1
AMN422 Media Strategy
   Elective Unit

Year 2, Semester 2
AMN403 Marketing and Survey Research
OR
BSN412 Qualitative Research and Analytical Techniques
AMN423 Strategies for Creative Advertising

Strategic Advertising Electives
Elective units may be selected from postgraduate units offered by the Faculty of Business. Postgraduate units from other Faculties of the University may be selected, but require approval from the course coordinator.

Graduate Diploma in Creative Industries (Arts and Cultural Management) (IF02)

Award title: Graduate Diploma in Creative Industries
CRICOS code: 040291G
Location: Gardens Point and Kelvin Grove
Course duration (full-time): 1 year
Course duration (part-time): 2 years
Total credit points: 96
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Dr Terry Flew (Creative Industries); Ms Joanne Jacobs (Business)

Course Structure - Full-time
Year 1, Semester 1
GSN401 Managing in the Global Business Environment
GSN408 Fundamentals of Marketing Management
KCP018 Creative Industries
Choose two units from the following:
GSN410 Entrepreneurship
GSN420 New Venture Strategy
GSN449 Public Sector and Social Marketing 1
GSN450 Public Sector and Social Marketing 2
KCP110 Global Media and Communication Policy
KCP349 Media Audiences

Year 1, Semester 2
GSN225 Business Development in Creative Industries
KCP336 New Media Technologies
OR
Creative Industries Elective
Choose two units from the following:
GSN227 Arts and Cultural Management
KCP348 Applied Media Communication
LWN120 Select Issues In Media Law and Policy

Course structure - Part-time
Year 1, Semester 1
GSN401 Managing in the Global Business Environment
GSN408 Fundamentals of Marketing Management
KCP018 Creative Industries
Year 1, Semester 2
GSN225 Business Development in Creative Industries
KCP336 New Media Technologies
OR
Creative Industries Elective
Choose two units from the following:
GSN227 Arts and Cultural Management
KCP348 Applied Media Communication

Year 2, Semester 1
GSN226 Arts Policy and Strategy
GSN228 Marketing Arts and Culture

Year 2, Semester 2
GSN232 Fundraising Principles
OR
Arts and Cultural Management Elective

Course Structure - Part-time
Year 1, Semester 1
GSN401 Managing in the Global Business Environment
GSN408 Fundamentals of Marketing Management
KCP018 Creative Industries
Year 1, Semester 2
GSN225 Business Development in Creative Industries
KCP336 New Media Technologies
OR
Creative Industries Elective
Choose two units from the following:
GSN227 Arts and Cultural Management
KCP348 Applied Media Communication

Year 2, Semester 1
GSN226 Arts Policy and Strategy
GSN228 Marketing Arts and Culture

Year 2, Semester 2
GSN232 Fundraising Principles
OR
Arts and Cultural Management Elective

Graduate Certificate in Advertising (IF94)

Award title: Graduate Certificate in Advertising
CRICOS code: 048325E
Location: Gardens Point and Kelvin Grove
Course duration (full-time): 1 semester
Course duration (part-time): 2 semesters
Total credit points: 48
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Dr Terry Flew (Creative Industries); Ms Lyn Simpson (Business)

Course Structure - Full-time
Year 1, Semester 1
KCP360 Advertising Creative: Introduction
Science (SC01) course and the Environmental Health strand (Chemistry or Ecology strands) within the Bachelor of Applied Science. The course will combine studies in Environmental Science and Health Science (Environmental Health) (Environmental Protection minor) of the Bachelor of Health Science course. The four-year course is designed so that the first three years of study are primarily in the science areas, while the fourth year is essentially a professional, environmental health program. However, students may exit at the end of the third year having completed the Bachelor of Applied Science (SC01) course.

**Professional Recognition**

Graduates will be eligible to join the Australian Institute of Environmental Health (AIEH), Environmental Institute of Australia and New Zealand, Public Health Association of Australia and the Australian Health Promotion Association. Depending on the environmental science strand undertaken, graduates may also be eligible for membership of the Ecological Society of Australia or the Royal Australian Chemical Institute.

### Course Structure - Part-time

**Year 1, Semester 1**
- KCP360 Advertising Creative: Introduction
- AMN420 Advertising Management

**Year 1, Semester 2**
- AMN400 Consumer Behaviour
- OR
- KCP361 Advertising Creative: Electronic and Print Media

**Year 2, Semester 1**
- PUB314 Epidemiology and Statistics
- PUB308 Environmental Health Fundamentals
- NRB311 Population Ecology

**Year 2, Semester 2**
- PUB409 Communicable Disease: Prevention and Control
- NRB500 Environmental Modelling
- NRB501 Mapping and Modelling of Natural Resource Data

**Year 3, Semester 1**
- PUB407 Environmental Pollution
- NRB400 Environmental Systems
- NRB401 Managing in the Global Business Environment

**Year 3, Semester 2**
- PUB515 Environmental Toxicology
- NRB400 Environmental Chemistry
- NRB300 Environmental Monitoring

**Year 4, Semester 1**
- PUB517 Food Hygiene Studies
- PUB510 Legal Frameworks for Environmental Health Practice
- PUB501 Environmental Protection

**Year 4, Semester 2**
- PUB516 Research Methods
- PUB511 Health Policy, Planning and Evaluation
- PUB604 Policy and Management Principles for Environmental Health

### Graduate Certificate in Creative Industries (IF01)

**Award title:** Graduate Certificate in Creative Industries  
**CRICOS code:** 040294E  
**Location:** Gardens Point and Kelvin Grove  
**Course duration (part-time):** 2 semesters  
**Total credit points:** 48  
**Course coordinator:** Dr Terry Flew (Creative Industries); Ms Joanne Jacobs (Business)

### Part-time Course structure

**Semester 1**
- KCP018 Creative Industries
- GSN401 Managing in the Global Business Environment
- GSN408 Fundamentals of Marketing Management

**Semester 2**
- GSN225 Business Development in Creative Industries  
- KCP336 New Media Technologies

**OR**  
- Creative Industries Elective

### Graduate Certificate in Risk Management (IF88)

**Award title:** Graduate Certificate in Risk Management  
**Location:** Kelvin Grove  
**Course duration (external):** 2 semesters  
**Total credit points:** 48  
**Standard credit points per semester (part-time):** 24  
**Course coordinator:** Dr Elizabeth Parker

### Part-time Course structure

**Year 1, Semester 1**
- PUN001 Contemporary Risk Management
- PUN008 Risk Assessment

**Year 1, Semester 2**
- EFN418 Introduction to Financial Risk Management
- PUN010 Implementing Risk Management

**Year 2, Semester 1**
- NRB300 Environmental Monitoring
- NRB311 Population Ecology

**Year 2, Semester 2**
- PUB107 Sustainable Environments for Health
- PUB251 Contemporary Public Health

**Year 3, Semester 1**
- PUB308 Environmental Health Fundamentals
- PUB314 Epidemiology and Statistics

**Year 3, Semester 2**
- NRB501 Mapping and Modelling of Natural Resource Data
- PUB308 Environmental Health Fundamentals
- PUB314 Epidemiology and Statistics

**Year 4, Semester 1**
- PUB515 Environmental Toxicology
- PUB510 Legal Frameworks for Environmental Health Practice
- PUB516 Research Methods

**Year 4, Semester 2**
- PUB511 Health Policy, Planning and Evaluation
- PUB604 Policy and Management Principles for Environmental Health
- PUB611 Risk Management
- PUB630 Environmental Health Practice

### University-wide and Interfaculty Courses

- AMN400 Consumer Behaviour  
- KCP361 Advertising Creative: Electronic and Print Media  
- AMN420 Advertising Management  
- AMN421 Contemporary Issues in Advertising

### Course Design

The course will combine studies in Environmental Science (Chemistry or Ecology strands) within the Bachelor of Applied Science (SC01) course and the Environmental Health strand.
Bachelor of Applied Science (in Human Movement Studies)/Bachelor of Education (Secondary) (IX04)

Award title: Bachelor of Applied Science (in Human Movement Studies)/Bachelor of Education

CRICOS code: 020323D

Location: Gardens Point, Kelvin Grove and Carseldine

Course duration (full-time): 4 years

Total credit points: 432

Course coordinator: Dr Peter Bond (Education); Dr Tom Cuddihy (Human Movement Studies)

Professional Recognition
The Bachelor of Education (Secondary) is recognised by the Queensland Board of Teacher Registration as meeting the requirements for registration as a teacher in Queensland.

Graduates are eligible for associate membership of the Australian Association for Sports Science. Applicants for registration as teachers in Queensland are subject to national criminal history checks.

Field Experience Requirement
As required by Queensland’s Child Protection Act, students must undergo national criminal history checks (which must be renewed every two years) prior to undertaking field experience.

Full-time Course structure

Year 1, Semester 1

LSB131 Anatomy
HMB313 Socio-Cultural Foundations of Physical Activity
HMB171 Fitness Health and Wellness

Year 1, Semester 2

LSB231 Physiology
HMB172 Nutrition and Physical Activity
HMB272 Biomechanics
HMB315 Performance Skills 2

Year 2, Semester 1

HMB271 Foundations Of Motor Control, Learning and Development
HMB231 Physical Education Curriculum Studies 1
HMB274 Functional Anatomy
HMB314 Performance Skills 1

Year 2, Semester 2

HMB273 Exercise Physiology 1
HMB275 Exercise and Sport Psychology
HMB276 Research in Human Movement
HMB316 Performance Skills 3

Year 3, Semester 1

HMB379 Disorders of Human Movement
HMB382 Principles Of Exercise Prescription
EDB002 Teaching and Learning Studies 2: Development and Learning
EDB031 Secondary Field Studies 1: Development and Learning in the Field
Curriculum Studies 1Y

Year 3, Semester 2

EDB003 Teaching and Learning Studies 3: Practising Education
EDB032 Secondary Field Studies II: Practising Education in the Field
HMB331 Physical Education Curriculum Studies 2
Curriculum Studies 2Y

Year 4, Semester 1

EDB004 Teaching and Learning Studies IV: Inclusive Education
EDB033 Secondary Field Studies III: Immersion in Inclusive Educational Practices
HMB431 Physical Education Curriculum Studies 3
Curriculum Studies 3Y

Year 4, Semester 2

EDB005 Teaching and Learning Studies V: Professional Work of Teachers
EDB034 Secondary Field Studies IV: Professional Work of Teachers: Induction into Practice
EDB035 Internship (Secondary) Education Elective

Health Discipline Studies Y

PUB127 Health Issues In Australia
PUB203 Primary Health Care
PUB329 Foundations of Health Studies and Health Behaviour
PYB086 Interpersonal and Group Processes

Maths Discipline Studies Y

MAB101 Statistical Data Analysis 1
MAB100 Mathematical Sciences 1A
MAB111 Mathematical Sciences 1B
MAB112 Mathematical Sciences 1C

English Discipline Studies Y

CLB320 Studies In Language
CLB321 Writing Workshop
CLB323 Teaching Adolescent Literature
KWB710 Ozit

Biology Discipline Studies Y

LSB118 Life Science
NRB270 Animal and Plant Structure and Function
LSB238 Cell and Molecular Biology 1
NBR100 Environmental Science
PYB012 Psychology
LSB258 Principles of Human Physiology

Second Teaching Area Curriculum Studies 1, 2 and 3

Curriculum Studies 1

MDB009 Biology Curriculum Studies 1
CLB018 English Curriculum Studies 1
HMB292 Health Education Curriculum Studies 1
MDB021 Mathematics Curriculum Studies 1

Curriculum Studies 2

MDB010 Biology Curriculum Studies 2
CLB019 English Curriculum Studies 2
HMB396 Health Education Curriculum Studies 2
MDB022 Mathematics Curriculum Studies 2

Curriculum Studies 3

MDB011 Biology Curriculum Studies 3
CLB020 English Curriculum Studies 3
HMB496 Health Education Curriculum Studies 3
MDB023 Mathematics Curriculum Studies 3

Bachelor of Applied Science (in Human Movement Studies)/Bachelor of Business (Accountancy, Banking and Finance, Economics or Marketing) (IF62)

Award title: Bachelor of Applied Science (in Human Movement Studies)/Bachelor of Business (Study Area A)

CRICOS code: 020328K

Location: Gardens Point and Kelvin Grove

Course duration (full-time): 4 Years

Total credit points: 432

Standard credit points per semester (full-time): 54 (average)

Course coordinator: Dr Graham Costin (Human Movement Studies); Mr Andrew Paltridge (Business)

Discipline coordinator: Dr John Sweeting (Accountancy); Mr John Polichronis (Banking and Finance); Mr Eugene McCann (Economics); Dr Marilyn Healy (Marketing)

Other Majors
See also the separate entry for the following majors in this course: Bachelor of Applied Science (in Human Movement Studies)/Bachelor of Business (Advertising, Human Resource Management, International Business, Management, or Public Relations).

Professional Membership
Graduates may be eligible for membership of the Australian Association for Exercise and Sports Science, and depending on the choice of major and minor units, of Australasian Institute of Banking and Finance, Economic Society of Australia (Queensland Division), Australian Marketing Institute, Market Research Society of Australia, Australian Institute of Management, Australian Human Resource Institute, American Marketing Association and Australian Institute of Export (Qld) Ltd.
Course Design
Students are required to complete 432 credit points comprised of 216 credit points from the Bachelor of Applied Science (in Human Movement Studies) program and 216 credit points from the Bachelor of Business program. Students supplement the human movement studies component of this program with the 96 credit point faculty core units in the Bachelor of Business program together with a 72 point credit point major, and a further 48 credit point minor. Business majors available are: Accountancy, Advertising, Banking and Finance, Economics, Human Resource Management, International Business, Management, Marketing and Public Relations.

Course structure - Accountancy Major

**Year 1, Semester 1**
- BSB110 Accounting
- HMB171 Fitness Health and Wellness
- LSB131 Anatomy

**Year 1, Semester 2**
- AYB121 Financial Accounting
- HMB172 Nutrition and Physical Activity
- HMB272 Biomechanics
- LSB231 Physiology

**Year 2, Semester 1**
- BSB122 Business Information Analysis and Communication
- HMB271 Foundations Of Motor Control, Learning and Development
- HMB274 Functional Anatomy
- HMB313 Socio-Cultural Foundations of Physical Activity
- PYB012 Psychology

**Year 2, Semester 2**
- BSB115 Management, People and Organisations
- BSB119 International and Electronic Business
- HMB273 Exercise Physiology 1
- HMB275 Exercise and Sport Psychology
- HMB276 Research in Human Movement

**Year 3, Semester 1**
- AYB220 Company Accounting
- EFB101 Data Analysis for Business
- HMB379 Disorders of Human Movement
- HMB382 Principles Of Exercise Prescription

**Year 3, Semester 2**
- AYB221 Computerised Accounting Systems
- AYB225 Management Accounting
- HMB276 Research in Human Movement

**Year 4, Semester 1**
- BSB126 Marketing
- EFB301 Auditing

**Year 4, Semester 2**
- BSB114 Government, Business and Society

Course structure - Banking and Finance Major

**Year 1, Semester 1**
- HMB171 Fitness Health and Wellness
- LSB131 Anatomy
- BSB113 Economics

**Year 1, Semester 2**
- HMB172 Nutrition and Physical Activity
- HMB272 Biomechanics
- LSB231 Physiology
- BSB110 Accounting
- BSB122 Business Information Analysis and Communication

**Year 2, Semester 1**
- HMB271 Foundations Of Motor Control, Learning and Development
- HMB274 Functional Anatomy
- HMB313 Socio-Cultural Foundations of Physical Activity
- EFB012 Psychology
- EFB210 Finance 1

**Year 2, Semester 2**
- HMB273 Exercise Physiology 1
- HMB275 Exercise and Sport Psychology
- HMB276 Research in Human Movement
- EFB102 Economics 2
- EFB307 Finance 2

**Year 3, Semester 1**
- HMB379 Disorders of Human Movement
- HMB382 Principles Of Exercise Prescription
- EFB101 Data Analysis for Business
- EFB201 Financial Markets

**Year 3, Semester 2**
- BSB119 International and Electronic Business
- BSB126 Marketing

Course structure - Economics

**Year 1, Semester 1**
- HMB171 Fitness Health and Wellness
- LSB131 Anatomy
- BSB110 Accounting
- BSB113 Economics

**Year 1, Semester 2**
- HMB172 Nutrition and Physical Activity
- HMB274 Functional Anatomy
- HMB313 Socio-Cultural Foundations of Physical Activity
- PYB012 Psychology
- EFB202 Business Cycles and Economic Growth

**Year 2, Semester 2**
- HMB271 Foundations Of Motor Control, Learning and Development
- HMB274 Functional Anatomy
- HMB275 Exercise and Sport Psychology
- HMB276 Research in Human Movement
- EFB101 Data Analysis for Business

**Year 3, Semester 1**
- EFB201 Data Analysis for Business
- EFB307 Finance 2
- EFB323 Financial and Monetary Economics
- EFB306 Economics 2

**Year 3, Semester 2**
- EFB201 Data Analysis for Business
- EFB307 Finance 2
- EFB323 Financial and Monetary Economics

**Year 4, Semester 2**
- BSB119 International and Electronic Business
- BSB212 Business Information Analysis and Communication
- BSB211 Business Law and Ethics

Course structure - Marketing

**Year 1, Semester 1**
- BSB122 Business Information Analysis and Communication
- BSB126 Marketing
- HMB171 Fitness Health and Wellness
LSB131 Anatomy

*Year 1, Semester 2*
AMB200 Consumer Behaviour
AMB240 Marketing Planning and Management
HMBl72 Nutrition and Physical Activity
HMB272 Biomechanics
LSB231 Physiological

*Year 2, Semester 1*
AMB201 Marketing and Audience Research
HMBl71 Foundations Of Motor Control, Learning and Development
HMB274 Functional Anatomy
HMB313 Socio-Cultural Foundations of Physical Activity
PYB012 Psychology

*Year 2, Semester 2*
AMB241 E-Marketing Strategies
BSB119 International and Electronic Business
HMB273 Exercise Physiology 1
HMB275 Exercise and Sport Psychology
HMB276 Research in Human Movement

*Year 3, Semester 1*
BSB113 Economics
BSB115 Management, People and Organisations
HMB379 Disorders of Human Movement
HMB382 Principles Of Exercise Prescription

*Year 3, Semester 2*
BSB110 Accounting
Business Minor Unit
Human Movement Studies major unit
Human Movement Studies elective/minor unit

*Year 4, Semester 1*
AMB340 Services Marketing
Business Minor Unit
Human Movement Studies elective/minor unit
Human Movement Studies elective/minor unit

*Year 4, Semester 2*
AMB341 Strategic Marketing
BSB111 Business Law and Ethics
BSB114 Government, Business and Society

**Course structure - Human Movement Studies Major and Minor Units:**

*Human Movements Studies Major and Minor Units*

- Human Movement Studies major unit
- Human Movement Studies elective/minor unit

**Course structure - Business Minors**

*Accounting (Students without an Accountancy Major)*
AYB121 Financial Accounting
AYB220 Company Accounting
AYB221 Computerised Accounting Systems
AYB225 Management Accounting

*Accounting (Students with an Accountancy Major)*
AYB223 Law of Business Associations
AYB325 Taxation Law
AYB331 Financial Accounting Issues
AYB332 Strategic Management Accounting

*Advertising (Students with an Advertising Major)*
AMB230 Internet Promotion
AMB231 Marketing Communications Regulations and Ethics
AMB330 Advertising Strategy and Planning
AMB331 Direct Marketing

*Advertising (Students without an Advertising Major)*
AMB200 Consumer Behaviour
AMB220 Advertising Theory and Practice

*Banking (Students with a Banking & Finance Major)*
AYB312 Financial Institutions Law
EFB310 Financial Institutions - Control
EFB311 Financial Institutions - Lending
AYB225 Management Accounting

*Banking & Finance (Students Without a Banking & Finance Major)*
Students must complete four of the following:
EFB101 Data Analysis for Business
EFB102 Economics 2
EFB210 Finance 1
EFB307 Finance 2
EFB201 Financial Markets
EFB312 International Finance and Economics

*Electronics* (without an Economics Major)
Students must complete four of the following:
EFB101 Data Analysis for Business
EFB102 Economics 2
EFB202 Business Cycles and Economic Growth
EFB211 Firms, Markets and Resources
EFB314 International Trade and Economic Competitiveness
EFB332 Financial and Monetary Economics

*Electronic Commerce*
Students must complete any four of the following:
BSB212 Electronic Business Applications
BSB213 Legal Issues in Electronic Business
BSB314 E-Business Intelligence
ITB825 Electronic Business Information Systems
MGB334 Managing in a Changing Environment

*Financial Economics (Students with a Banking and Finance Major)*
Students must complete four of the following:
EFB200 Applied Regression Analysis
EFB202 Business Cycles and Economic Growth
EFB211 Firms, Markets and Resources
EFB308 Finance 3
EFB309 Financial Derivatives
EFB318 Portfolio and Security Analysis
EFB324 Macroeconomics and Global Financial Markets
EFB325 Financial Microeconomics

*Financial Economics (Students with an Economics Major)*
Students must complete four of the following:
EFB200 Applied Regression Analysis
EFB202 Business Cycles and Economic Growth
EFB211 Firms, Markets and Resources

*Finance*

*Human Resource Management (Students with a Management Major)*
MGB207 Human Resource Issues and Strategy
MGB222 Managing Organisations

**List of Human Resource Management units:**

- Human Resource Management (Students without a Human Resource Management Major)
- Human Resource Management (Students with a Management Major)

Financial Economics (Students with an Economics Major)
Students must complete four of the following:
EFB200 Applied Regression Analysis
EFB202 Business Cycles and Economic Growth
EFB211 Firms, Markets and Resources

Financial Economics (Students with a Banking & Finance Major)
EFB308 Finance 3
EFB309 Financial Derivatives
EFB318 Portfolio and Security Analysis
AYB225 Management Accounting

*Human Resource Management (Students without a Human Resource Management Major)*
MGB207 Human Resource Issues and Strategy
MGB222 Managing Organisations

*Human Resource Management (Students with a Human Resource Management Major)*
Any four units from the list below other than those that are part of the HRM major:

**List of Human Resource Management units:**

- Human Resource Management (Students with a Management Major)

*Financial Economics (Students with an Economics Major)*
Students must complete four of the following:
EFB200 Applied Regression Analysis
EFB202 Business Cycles and Economic Growth
EFB211 Firms, Markets and Resources

*Finance*

*Human Resource Management (Students with a Management Major)*
MGB207 Human Resource Issues and Strategy
MGB222 Managing Organisations

*Human Resource Management (Students without a Human Resource Management Major)*
Any four units from the list below other than those that are part of the HRM major:

**List of Human Resource Management units:**

- Human Resource Management (Students with a Management Major)

*Human Resource Management (Students with a Human Resource Management Major)*
Any four units from the list below other than those that are part of the HRM major:

**List of Human Resource Management units:**

- Human Resource Management (Students with a Management Major)

*Human Resource Management (Students with a Human Resource Management Major)*
Any four units from the list below other than those that are part of the HRM major:

**List of Human Resource Management units:**

- Human Resource Management (Students with a Management Major)
List of Management units:

- ITB233 Enterprise Systems Applications
- MGB203 Government-Management Interface
- MGB210 Production and Service Management
- MGB216 Managing Technology, Innovation and Knowledge
- MGB218 Venture Skills
- MGB223 Creating New Enterprises
- MGB309 Strategic Management
- MGB312 Negotiation Skills
- MGB314 Organisational Consulting and Change
- MGB315 Personal and Professional Development
- MGB334 Managing in a Changing Environment
- MGB335 Project Management

Marketing (Students with a Marketing Major)

Students must complete four of the following:

- AMB202 Integrated Marketing Communication
- AMB220 Advertising Theory and Practice
- AMB250 Business to Business Marketing
- AMB251 Innovation and Market Development
- AMB260 Public Relations Theory and Practice
- AMB310 Internship
- AMB350 Relationship and Sales Management
- AMB351 Tourism Marketing
- AMB352 Marketing Decision Making
- AMB353 Retail Marketing
- AMB354 Events Marketing
- IBB213 International Marketing

Marketing (Students without a Marketing Major)

- AMB200 Consumer Behaviour
- AMB240 Marketing Planning and Management
- AMB241 E-Marketing Strategies
- AMB340 Services Marketing
- AMB341 Strategic Marketing

Public Relations (Students with a Public Relations Major)

- AMB202 Integrated Marketing Communication
- AMB204 Integrated Marketing Communication
- AMB262 Public Relations Writing
- AMB350 Relationship and Sales Management
- AMB370 Public Relations Cases
- AMB371 Corporate Communication Strategies
- AMB372 Media Relations
- AMB373 Corporate Communication Strategies
- AMB374 Events Marketing
- IBB213 International Marketing

Public Relations (Students without a Public Relations Major)

- AMB260 Public Relations Theory and Practice
- AMB261 Media Relations and Publicity
- AMB262 Public Relations Writing
- AMB360 Corporate Communication Management
- AMB361 Specialisation
- AMB362 Public Relations Campaigns


Award title: Bachelor of Applied Science (in Human Movement Studies)/Bachelor of Business (Study Area A)

CRICOS code: 020328K

Location: Gardens Point and Kelvin Grove

Course duration (full-time): 4 Years

Total credit points: 432

Standard credit points per semester (full-time): 54 (average)

Course coordinator: Dr Graham Costin (Human Movement Studies); Mr Andrew Paltridge (Business)

Discipline coordinator: Ms Gayle Kerr (Advertising); Ms Amanda Gudmundsson (HRM); Mr Thomas Cronk (International Business); Professor Robert Waldersoe (Management); Ms Robin Xavier (Public Relations)

Other Majors

See also the separate entry for the following majors in this course: Bachelor of Applied Science (in Human Movement Studies)/Bachelor of Business (Accountancy, Banking and Finance, Economics, or Marketing).
Professional Membership
Depending on the choice of major, extended major or specialisation, graduates may be eligible for membership of:

- HRM - Australian Human Resources Institute, Australian Institute of Training and Development (AITD), Australian Institute of Management (AIM).
- International Business - Economic Society of Australia, Australian Institute of Export(Qld) Ltd.
- Management- Australian Institute of Management (AIM).
- Public Relations - Public Relations Institute of Australia.

Course Design
Students are required to complete 432 credit points comprised of 216 credit points from the Bachelor of Applied Science (in Human Movement Studies) program and 216 credit points from the Bachelor of Business program. Students supplement the human movement studies component of this program with the 96 credit point faculty core units in the Bachelor of Business program together with a 72 point credit point major, and a further 48 credit point minor. Business majors available are:


Course structure - Advertising

**Year 1, Semester 1**
- BSB122 Business Information Analysis and Communication
- BSB126 Marketing
- HMB171 Fitness Health and Wellness
- LSB131 Anatomy

**Year 1, Semester 2**
- AMB200 Consumer Behaviour
- AMB220 Advertising Theory and Practice
- HMB172 Nutrition and Physical Activity
- HMB272 Biomechanics
- LSB231 Physiology

**Year 2, Semester 1**
- AMB222 Media Planning
- HMB271 Foundations Of Motor Control, Learning and Development
- HMB273 Exercise Physiology 1
- HMB274 Functional Anatomy
- PYB012 Psychology

**Year 2, Semester 2**
- AMB221 Advertising Copywriting
- BSB119 International and Electronic Business
- HMB275 Exercise and Sport Psychology
- HMB276 Research in Human Movement
- HMB382 Principles Of Exercise Prescription

**Year 3, Semester 1**
- BSB113 Economics
- BSB115 Management, People and Organisations
- HMB313 Socio-Cultural Foundations of Physical Activity
- HMB379 Disorders of Human Movement
- Business Minor Unit

**Year 3, Semester 2**
- BSB110 Accounting
- BSB114 Government, Business and Society
- MGB222 Managing Organisations

**Year 4, Semester 1**
- MGB314 Organisational Consulting and Change

**Year 4, Semester 2**
- BSB111 Business Law and Ethics
- MGB309 Strategic Management
- Business Minor Unit

**Course structure - International Business**

**Year 1, Semester 1**
- HMB171 Fitness Health and Wellness
- LSB131 Anatomy
- BSB114 Government, Business and Society
- BSB119 International and Electronic Business

**Year 1, Semester 2**
- HMB172 Nutrition and Physical Activity
- HMB272 Biomechanics
- LSB231 Physiology
- BSB110 Accounting
- BSB115 Management, People and Organisations

**Year 2, Semester 1**
- MGB271 Foundations Of Motor Control, Learning and Development
- HMB273 Exercise Physiology 1
- HMB274 Functional Anatomy
- PYB012 Psychology
- BSB113 Economics
- Year 2, Semester 2
- AMB320 Advertising Management
- BSB119 International and Electronic Business
- HMB275 Exercise and Sport Psychology
- HMB276 Research in Human Movement
- IBB202 Business and the World Economy
- IBB211 Globalisation and Business
UNIVERSITY-WIDE AND INTERFACULTY COURSES

YEAR 2, SEMESTER 1
HSB261 Media Relations and Publicity
HMB271 Foundations Of Motor Control, Learning and Development
HMB273 Exercise Physiology 1
HMB274 Functional Anatomy
PYB012 Psychology

YEAR 2, SEMESTER 2
AMB262 Public Relations Writing
BSB115 Management, People and Organisations
HMB275 Exercise and Sport Psychology
HMB276 Research in Human Movement
HMB382 Principles Of Exercise Prescription

YEAR 3, SEMESTER 1
AMB201 Marketing and Audience Research
BSB113 Economics
HMB313 Socio-Cultural Foundations of Physical Activity
HMB379 Disorders of Human Movement

YEAR 3, SEMESTER 2
BSB110 Accounting

YEAR 4, SEMESTER 1
AMB360 Corporate Communication Management

YEAR 4, SEMESTER 2
AMB361 Public Relations Campaigns
BSB111 Business Law and Ethics
BSB114 Government, Business and Society

COURSE STRUCTURE - MANAGEMENT MAJOR

YEAR 1, SEMESTER 1
HMB171 Fitness and Wellness
LSB131 Anatomy
BSB115 Management, People and Organisations
BSB122 Business Information Analysis and Communication

YEAR 1, SEMESTER 2
HMB172 Nutrition and Physical Activity
HMB272 Biomechanics
LSB231 Physiology
BSB126 Marketing
MGB220 Management Research Methods

YEAR 2, SEMESTER 1
HMB271 Foundations Of Motor Control, Learning and Development
HMB273 Exercise Physiology 1
HMB274 Functional Anatomy
PYB012 Psychology
BSB119 International and Electronic Business

YEAR 2, SEMESTER 2
HMB275 Exercise and Sport Psychology
HMB276 Research in Human Movement
HMB382 Principles Of Exercise Prescription

YEAR 3, SEMESTER 1
AMB201 Marketing and Audience Research
BSB113 Economics
HMB313 Socio-Cultural Foundations of Physical Activity
HMB379 Disorders of Human Movement

YEAR 3, SEMESTER 2
AMB361 Public Relations Campaigns
BSB111 Business Law and Ethics
BSB114 Government, Business and Society

COURSE STRUCTURE - BUSINESS MINORS

ACCOUNTING (STUDENTS WITHOUT AN ACCOUNTANCY MAJOR)
AYB121 Financial Accounting
AYB220 Company Accounting
AYB221 Computerised Accounting Systems
AYB225 Management Accounting

ACCOUNTING (STUDENTS WITH AN ACCOUNTANCY MAJOR)
AYB223 Law of Business Associations
AYB325 Taxation Law
AYB311 Financial Accounting Issues
AYB321 Strategic Management Accounting

ADVERTISING (STUDENTS WITH AN ADVERTISING MAJOR)
AMB230 Internet Promotion
AMB231 Marketing Communications Regulations and Ethics
AMB330 Advertising Strategy and Planning
AMB331 Direct Marketing

ADVERTISING (STUDENTS WITHOUT AN ADVERTISING MAJOR)
AMB200 Consumer Behaviour
AMB220 Advertising Theory and Practice
AMB221 Advertising Copywriting
AMB222 Media Planning

BANKING (STUDENTS WITH A BANKING & FINANCE MAJOR)
AYB312 Financial Institutions Law
EFB310 Financial Institutions - Control
EFB311 Financial Institutions - Lending
AYB225 Management Accounting

BANKING & FINANCE (STUDENTS WITHOUT A BANKING & FINANCE MAJOR)
Students must complete four of the following:
EFB101 Data Analysis for Business
EFB102 Economics 2
EFB210 Finance 1
EFB307 Finance 2
EFB201 Financial Markets

ECONOMICS (STUDENTS WITHOUT AN ECONOMICS MAJOR)
Students must complete four of the following:
EFB101 Data Analysis for Business
EFB102 Economics 2
EFB202 Business Cycles and Economic Growth
EFB211 Firms, Markets and Resources
EFB314 International Trade and Economic Competitiveness
EFB323 Financial and Monetary Economics

ELECTRONIC COMMERCE
Students must complete any four of the following:
BSB212 Electronic Business Applications
Students must complete four of the following:

**Financial Economics (Students with a Banking and Finance Major)**

- AMB200 Applied Regression Analysis
- AMB202 Business Cycles and Economic Growth
- AMB211 Firms, Markets and Resources
- AMB308 Finance 3
- AMB309 Financial Derivatives
- AMB318 Portfolio and Security Analysis
- AMB324 Macroeconomics and Global Financial Markets
- AMB325 Financial Microeconomics

**Financial Economics (Students with an Economics Major)**

Students must complete four of the following:

- AMB200 Applied Regression Analysis
- AMB201 Financial Markets
- AMB210 Finance 1
- AMB324 Macroeconomics and Global Financial Markets
- AMB325 Financial Microeconomics
- AMB327 Econometrics of Financial Markets
- AMB328 Public Economics and Finance

**Funds Management (Students with a Banking and Finance Major)**

- AMB308 Finance 3
- AMB309 Financial Derivatives
- AMB318 Portfolio and Security Analysis
- AYB225 Management Accounting

**Human Resource Management (Students without a Human Resource Management Major)**

- MGB207 Human Resource Issues and Strategy
- MGB222 Managing Organisations

**List of Human Resource Management units:**

- MGB201 The Legal Context of Employment Relations
- MGB202 Equity and Diversity Management
- MGB209 Occupational Health and Safety Management
- MGB221 Performance and Reward
- MGB224 Australian Industrial Relations
- MGB304 Human Resource Information Management
- MGB307 International Human Resource Management
- MGB312 Negotiation Skills
- MGB314 Organisational Consulting and Change
- MGB315 Personal and Professional Development
- MGB320 Recruitment and Selection
- MGB321 Advanced Practice in Recruitment and Selection
- MGB331 Training and Development
- MGB325 Advanced Practice in Training and Development

**Integrated Marketing Communication (Students without an Advertising or Public Relations Major)**

Students must complete four units as follows:

- AMB202 Integrated Marketing Communication
- AMB260 Public Relations Theory and Practice
- AMB331 Direct Marketing
- AMB350 Relationship and Sales Management
- AMB354 Events Marketing

**Integrated Marketing Communication (Students with an Advertising Major)**

Students must complete four units as follows:

- AMB230 Internet Promotion
- AMB261 Media Relations and Publicity
- AMB354 Events Marketing

**Integrated Marketing Communication (Students with a Public Relations Major)**

Students must complete four units as follows:

- AMB230 Internet Promotion
- AMB261 Media Relations and Publicity
- AMB354 Events Marketing
### Course Design

The Bachelor of Applied Science allows multi-disciplinary programs of study to help position students within the broad range of science disciplines and qualify them as competent professionals within their chosen fields. Students can major in Biochemistry, Biotechnology, Chemistry, Ecology, Environmental Science, Geoscience, Microbiology or Physics. See the Bachelor of Applied Science (SC01) course for more details. So that students can complete the double degree in a shorter period of time, co-majors are to be taken from the business program.

Students can specialise in one or more of the following business majors: Accountancy, Advertising, Banking and Finance, Economics, Electronic Business, Human Resource Management, International Business, Management, Marketing or Public Relations.

### Course Structure - Accountancy

#### Year 1, Semester 1
- BSB110 Accounting
- BSB113 Economics

#### Year 1, Semester 2
- BSB111 Business Law and Ethics
- BSB122 Business Information Analysis and Communication
- AYB121 Financial Accounting

#### Year 2, Semester 1
- BSB114 Government, Business and Society
- BSB126 Marketing

#### Year 3, Semester 1
- AYB225 Management Accounting
- BSB119 International and Electronic Business

#### Year 3, Semester 2
- AYB221 Computerised Accounting Systems
  - Business Double Major/Extended Major/Specialisation Unit
- BSB124 Business Information Analysis and Communication
- BSB126 Marketing

#### Year 4, Semester 1
- AYB301 Auditing
  - Business Double Major/Extended Major/Specialisation Unit
- AYB110 Computerised Accounting Systems
- BSB124 Business Information Analysis and Communication

#### Year 4, Semester 2
- Business Double Major/Extended Major/Specialisation Unit
- AYB110 Computerised Accounting Systems
- BSB124 Business Information Analysis and Communication

### Course Structure - Advertising

#### Year 1, Semester 1
- BSB122 Business Information Analysis and Communication
- BSB126 Marketing

#### Year 1, Semester 2
- AMB200 Consumer Behaviour
- AMB220 Advertising Theory and Practice

#### Year 2, Semester 1
- AMB222 Media Planning
- BSB115 Management, People and Organisations

#### Year 2, Semester 2
- AMB221 Advertising Copywriting
  - Business Double Major/Extended Major/Specialisation Unit
- BSB113 Economics

#### Year 3, Semester 1
- BSB113 Economics
  - Business Double Major/Extended Major/Specialisation Unit
- BSB110 Accounting

#### Year 3, Semester 2
- BSB111 Business Law and Ethics
  - Business Double Major/Extended Major/Specialisation Unit
- BSB110 Accounting

#### Year 4, Semester 1
- AMB320 Advertising Management
  - Business Double Major/Extended Major/Specialisation Unit
- BSB113 Economics

#### Year 4, Semester 2
- Business Double Major/Extended Major/Specialisation Unit
- AMB200 Consumer Behaviour
- AMB220 Advertising Theory and Practice
Course Structure - Human Resource Management

Year 1, Semester 1
BSB115 Management, People and Organisations
EVB314 International Finance and Economics

Year 2, Semester 1
BSB119 International and Electronic Business
MGB211 Organisational Behaviour

Year 3, Semester 1
MGB207 Human Resource Issues and Strategy
MGB211 Organisational Behaviour

Year 4, Semester 1
MGB207 Human Resource Issues and Strategy
MGB211 Organisational Behaviour

Year 4, Semester 2
MGB309 Strategic Management

Electronic Business Elective (see list below)

Year 3, Semester 2
BSB213 Legal Issues in Electronic Business
BSB314 E-Business Intelligence

Year 4, Semester 1
Business Double Major Unit

Year 4, Semester 2
Business Double Major Unit

Electronic Business Elective List:
AMB230 Internet Promotion
AYB221 Computerised Accounting Systems
IBB303 International Logistics
ITB114 Networking Systems
ITB233 Enterprise Systems Applications
ITB235 Web Sites For Electronic Commerce
MGB216 Managing Technology, Innovation and Knowledge

Course Structure - International Business

Year 1, Semester 1
BSB113 Economics
BSB119 International and Electronic Business

Year 2, Semester 1
BSB118 Government, Business and Society
BSB126 Marketing

Year 3, Semester 1
BSB314 E-Business Intelligence

Year 3, Semester 2
BSB210 Finance 1

Year 4, Semester 1
BSB118 Government, Business and Society
BSB126 Marketing

Year 4, Semester 2
BSB314 E-Business Intelligence

Electronic Business Elective List:
AMB230 Internet Promotion
AYB221 Computerised Accounting Systems
IBB303 International Logistics
ITB114 Networking Systems
ITB233 Enterprise Systems Applications
ITB235 Web Sites For Electronic Commerce
MGB216 Managing Technology, Innovation and Knowledge

Course Structure - Banking & Finance

Year 1, Semester 1
BSB110 Accounting
BSB113 Economics

Year 2, Semester 1
BSB126 Marketing

Year 3, Semester 1
BSB114 Government, Business and Society
EVB210 Finance 1

Year 4, Semester 1
BSB115 Management, People and Organisations
EVB314 International Finance and Economics

Year 4, Semester 2
Business Double Major Unit

Course Structure - Economics

Year 1, Semester 1
BSB113 Economics
BSB122 Business Information Analysis and Communication

Year 1, Semester 2
BSB119 International and Electronic Business
EVB102 Economics 2

Year 2, Semester 1
BSB110 Accounting
BSB126 Marketing

Year 2, Semester 2
BSB114 Government, Business and Society
EVB202 Business Cycles and Economic Growth

Year 3, Semester 1
BSB110 Accounting
BSB126 Marketing

Year 3, Semester 2
EVB201 Financial Markets

Year 4, Semester 1
BSB118 Government, Business and Society
EVB323 Financial and Monetary Economics

Year 4, Semester 2
BSB119 International and Electronic Business
MGB220 Management Research Methods

Course Structure - Electronic Business

Year 1, Semester 1
BSB119 International and Electronic Business
BSB122 Business Information Analysis and Communication

Year 1, Semester 2
BSB110 Accounting
BSB115 Management, People and Organisations

Year 2, Semester 1
BSB114 Government, Business and Society
TIB825 Electronic Business Information Systems

Year 2, Semester 2
BSB111 Business Law and Ethics
BSB126 Marketing

Year 3, Semester 1
MGB334 Managing in a Changing Environment
**Course Structure - Marketing**

**Year 1, Semester 1**
- BSB115 Management, People and Organisations
- BSB122 Business Information Analysis and Communication

**Year 2, Semester 1**
- BSB113 Economics
- BSB114 Government, Business and Society
- MGB222 Managing Organisations

**Year 2, Semester 2**
- BSB119 International and Electronic Business
- BSB126 Marketing
- MGB220 Management Research Methods

**Year 3, Semester 1**
- MGB210 Production and Service Management
- MGB211 Organisational Behaviour

**Year 3, Semester 2**
- MGB334 Managing in a Changing Environment
  - Double Major / Extended Major / Specialisation Unit

**Year 4, Semester 1**
- AMB361 Public Relations Campaigns
  - Double Major / Extended Major / Specialisation Unit

**Year 4, Semester 2**
- AMB341 Strategic Marketing
  - Double Major / Extended Major / Specialisation Unit

**Course Structure - Public Relations**

**Year 1, Semester 1**
- BSB122 Business Information Analysis and Communication

**Year 1, Semester 2**
- AMB260 Public Relations Theory and Practice
- BSB114 Government, Business and Society
- BSB119 International and Electronic Business

**Year 2, Semester 1**
- AMB201 Marketing and Audience Research
- AMB261 Media Relations and Publicity
- BSB115 Management, People and Organisations

**Year 2, Semester 2**
- AMB262 Public Relations Writing
  - Double Major / Extended Major / Specialisation Unit

**Year 3, Semester 1**
- BSB113 Economics

**Year 3, Semester 2**
- BSB110 Accounting
- BSB111 Business Law and Ethics

**Year 4, Semester 1**
- AMB360 Corporate Communication Management
  - Double Major / Extended Major / Specialisation Unit

**Year 4, Semester 2**
- AMB361 Public Relations Campaigns
  - Double Major / Extended Major / Specialisation Unit

**Science Component**

**Faculty Core Units**

6 faculty core units, including three Foundation units

**Foundation Units**
- LSB118 Life Science
- NRB100 Environmental Science
- PCB101 Physical Science
  - Either
- MAB100 Mathematical Sciences 1
  - Or
- MAB101 Statistical Data Analysis 1
  - Or
- MAB111 Mathematical Sciences 1B

**Other Science Units**
- LSB238 Cell and Molecular Biology 1
- MAB100 Mathematical Sciences 1A
- MAB111 Mathematical Sciences 1B
- MAB112 Mathematical Sciences 1C
- NRB200 Environment Of South East Queensland
- NRB230 Planet Earth
- NRB270 Animal and Plant Structure and Function
- PCB142 Chemistry 1
- PCB242 Chemistry 2
- PCB250 Physics 1
- PCB260 Physics 1A

Note: Students in a physics major must replace MAB101 with MAB131 or MAB180; and MAB112 with MAB132.

**Course Structure - Biochemistry**

**Year 1, Semester 1**
- LSB118 Life Science
- PCB101 Physical Science
UNIVERSITY-WIDE AND INTERFACULTY COURSES

YEAR 1, SEMESTER 2
LSB238 Cell and Molecular Biology 1
NRB270 Animal and Plant Structure and Function

YEAR 2, SEMESTER 1
LSB142 Human Anatomy and Physiology
Either
PCB140 Introductory Chemistry
Or
PCB142 Chemistry 1

YEAR 2, SEMESTER 2
MAB101 Statistical Data Analysis 1
PCB242 Chemistry 2

YEAR 3, SEMESTER 1
LSB308 Biochemistry
LSB338 Cell and Molecular Biology 2

YEAR 3, SEMESTER 2
LSB408 Metabolism
LSB468 Molecular Biology

YEAR 4, SEMESTER 1
LSB508 Advanced Metabolism
LSB527 Biomedical Research Technologies

YEAR 4, SEMESTER 2
LSB607 Protein Purification
LSB608 Protein Science

COURSE STRUCTURE - BIOTECHNOLOGY (MEDICAL STRAND)
YEAR 1, SEMESTER 1
LSB118 Life Science
PCB101 Physical Science

YEAR 1, SEMESTER 2
LSB238 Cell and Molecular Biology 1
NRB270 Animal and Plant Structure and Function

YEAR 2, SEMESTER 1
LSB142 Human Anatomy and Physiology
Either
PCB140 Introductory Chemistry
Or
PCB142 Chemistry 1

YEAR 2, SEMESTER 2
MAB101 Statistical Data Analysis 1
PCB242 Chemistry 2

YEAR 3, SEMESTER 1
LSB308 Biochemistry
LSB338 Cell and Molecular Biology 2

YEAR 3, SEMESTER 2
LSB408 Metabolism
LSB468 Molecular Biology

YEAR 4, SEMESTER 1
LSB509 Medical Biotechnology
LSB537 Genetic Engineering

YEAR 4, SEMESTER 2
LSB609 Medical Biotechnology 2
LSB619 Genomics & Bioinformatics

COURSE STRUCTURE - CHEMISTRY
YEAR 1, SEMESTER 1
MAB100 Mathematical Sciences 1A
PCB101 Physical Science

YEAR 1, SEMESTER 2
LSB118 Life Science
MAB101 Statistical Data Analysis 1

YEAR 2, SEMESTER 1
NRB100 Environmental Science
PCB142 Chemistry 1

YEAR 2, SEMESTER 2
PCB242 Chemistry 2
PCB260 Physics 1A

YEAR 3, SEMESTER 1
PCB305 Principles of Physical Chemistry
PCB354 Synthesis and Reactivity in Organic Chemistry

YEAR 3, SEMESTER 2
PCB434 Inorganic Chemistry
PCB444 Spectroscopy

YEAR 4, SEMESTER 1
PCB505 Advanced Physical Chemistry
PCB554 Synthesis and Reactivity in Organic Chemistry

YEAR 4, SEMESTER 2
PCB634 Organometallic and Coordination Chemistry
PCB644 Frontiers in Chemistry

COURSE STRUCTURE - ECOLOGY
YEAR 1, SEMESTER 1
NRB100 Environmental Science
PCB101 Physical Science

YEAR 1, SEMESTER 2
LSB118 Life Science
NRB240 History of Life on Earth

YEAR 2, SEMESTER 1
MAB101 Statistical Data Analysis 1
Either
PCB140 Introductory Chemistry
Or
PCB142 Chemistry 1

YEAR 2, SEMESTER 2
LSB238 Cell and Molecular Biology 1
NRB270 Animal and Plant Structure and Function

YEAR 3, SEMESTER 1
NRB311 Population Ecology
NRB312 Experimental Design

YEAR 3, SEMESTER 2
NRB410 Genetics and Evolution
NRB411 Ecological Methods

YEAR 4, SEMESTER 1
NRB510 Population Genetics
NRB511 Population Management

YEAR 4, SEMESTER 2
NRB610 Ecological Applications
NRB611 Conservation Biology

COURSE STRUCTURE - ENVIRONMENTAL SCIENCE
YEAR 1, SEMESTER 1
NRB100 Environmental Science
PCB101 Physical Science

YEAR 1, SEMESTER 2
LSB118 Life Science
NRB240 History of Life on Earth

YEAR 2, SEMESTER 1
MAB101 Statistical Data Analysis 1
Either
NRB230 Planet Earth
Or
PCB140 Introductory Chemistry
Or
PCB142 Chemistry 1

YEAR 2, SEMESTER 2
NRB270 Animal and Plant Structure and Function
NRB400 Environmental Systems

YEAR 3, SEMESTER 1
NRB300 Environmental Monitoring
NRB311 Population Ecology

YEAR 3, SEMESTER 2
NRB440 Environmental Chemistry
PCB414 Industrial and Environmental Analytical Chemistry

YEAR 4, SEMESTER 1
NRB500 Environmental Modelling
NRB501 Mapping and Modelling of Natural Resource Data

YEAR 4, SEMESTER 2
NRB600 Issues in Environmental Management
NRB633 Hydrogeology

COURSE STRUCTURE - GEOSCIENCE
YEAR 1, SEMESTER 1
MAB100 Mathematical Sciences 1A
NRB230 Planet Earth
PCB101 Physical Science

YEAR 1, SEMESTER 2
NRB100 Environmental Science
Either
PCB140 Introductory Chemistry
Or
PCB142 Chemistry 1

YEAR 2, SEMESTER 2
NRB240 History of Life on Earth
NRB440 Environmental Chemistry

YEAR 3, SEMESTER 1
NRB331 Sedimentary Geology
NRB333 Mineralogy

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Bachelor of Applied Science/Bachelor of Education (Primary) (IX14)

Award title: Bachelor of Applied Science (Study Area A)/Bachelor of Education

CRICOS code: 037540M

Location: Gardens Point and Kelvin Grove

Course duration (full-time): 4 years

Total credit points: 384

Standard credit points per semester (full-time): 48

Course coordinator: Dr Megan Hargreaves (Science); Ms Jenny Masters (Education)

Professional Recognition

The Bachelor of Education (Primary) is recognised by the Queensland Board of Teacher Registration as meeting the requirements for registration as a teacher in Queensland. Applicants for registration as a teacher in Queensland are subject to national criminal history checks.


Field Experience Requirements

As required by Queensland’s Child Protection Act, students must undergo national criminal history checks (which must be renewed every two years) prior to undertaking field experience.

Course Design

Graduates from this double degree will have a science degree with the same core support and choice of major study areas as the graduates from the Bachelor of Applied Science (SC01) program. Education studies will comprise the co-major component.

In each of the first five semesters, students will take three (and in one semester, four) science units and one from education. The science units will be chosen from the core and advanced level units in the Bachelor of Applied Science program. In the first semester, the core units are designed to broaden students’ experience of Science and the four units studied will generally include at least three of the following:

- Life Science, an introduction to the study of life processes, with cells and organisms as the central point of reference.
- Statistical Data Analysis, or how to extract valid results from data collected.
- Environmental Science, incorporating the chemical, physical and biological processes that influence the development of the air, the earth and the atmosphere.
- Physical Science, involving the basic concepts of physics and chemistry.

SCIENCE COMPONENT:

The requirements of the IX14 course include the completion of 192 credit points of units offered by the Faculty of Science meeting all the requirements for the core and a major as specified for the SC01 program.

As indicated in the SC01 course rules, a major must be completed in one of the following subject areas: Biochemistry, Biotechnology, Chemistry, Ecology, Environmental Science, Geoscience, Mathematics, Microbiology, Physics. The majors that are most relevant to students intending to follow a career in primary education are Chemistry, Ecology, Geoscience, Mathematics or Physics.
Completion of a major consists of passing units totalling at least 96 credit points from the second and third schedules including a minimum of 48 credit points from the third schedule of the SC01 program.

**Course structure - Major in Biochemistry**

*Year 1, Semester 1*
- EDB002 Teaching and Learning Studies 2: Development and Learning
- LSB118 Life Science
- PCB101 Physical Science
  - Either
- PCB140 Introductory Chemistry
  - Or
- PCB142 Chemistry 1

*Year 1, Semester 2*
- EDB021 Primary Field Studies I: Development and Learning in the Field
- LSB238 Cell and Molecular Biology 1
- NRB270 Animal and Plant Structure and Function
- PCB242 Chemistry 2

*Year 2, Semester 1*
- LSB308 Biochemistry
- LSB338 Cell and Molecular Biology 2
- MDB450 Primary Mathematics Curriculum
  - Either
- NRB100 Environmental Science
  - Or
- MAB101 Statistical Data Analysis 1

*Year 2, Semester 2*
- CLB006 Primary Curriculum and Pedagogies: Language and Literacies 1
- LSB408 Metabolism
- LSB468 Molecular Biology
- LSB608 Protein Science

*Year 3, Semester 1*
- LSB508 Advanced Metabolism
- LSB527 Biomedical Research Technologies
  - Either
- LSB537 Genetic Engineering
  - Or
- LSB568 Electron Microscopy
  - One Science Elective

*Year 3, Semester 2*
- EDB003 Teaching and Learning Studies 3: Practising Education
- EDB022 Primary Field Studies II: Practising Education in the Field
- EDB008 Primary Curriculum and Pedagogies: Interdisciplinary Primary Curriculum Studies I

*Year 4, Semester 1*
- EDB004 Teaching and Learning Studies IV: Inclusive Education
- EDB009 Primary Curriculum and Pedagogies: Interdisciplinary Primary Curriculum Studies II
- EDB023 Primary Field Studies III: Immersion in Inclusive Educational Practices

*Year 4, Semester 2*
- EDB005 Teaching and Learning Studies V: Professional Work of Teachers
- EDB024 Primary Field Studies IV: Professional Work of Teachers: Induction into Practice
- EDB025 Internship (Primary)
- SPB035 Primary Curriculum and Pedagogies: Integrated Primary and Middle Years Curriculum Project

**Course structure - Major in Biotechnology**

*Year 1, Semester 1*
- EDB002 Teaching and Learning Studies 2: Development and Learning
- LSB118 Life Science
- PCB101 Physical Science
  - Either
- PCB140 Introductory Chemistry
  - Or
- PCB142 Chemistry 1

*Year 1, Semester 2*
- EDB021 Primary Field Studies I: Development and Learning in the Field
- LSB238 Cell and Molecular Biology 1
- NRB270 Animal and Plant Structure and Function
- PCB242 Chemistry 2

*Year 2, Semester 1*
- LSB308 Biochemistry
- LSB338 Cell and Molecular Biology 2
- LSB450 Primary Mathematics Curriculum
- Either
- MAB101 Statistical Data Analysis 1

*Year 2, Semester 2*
- LSB408 Metabolism
- Either
- LSB497 Plant Molecular Biology
  - Or
- LSB468 Molecular Biology
- LSB657 Perspectives in Life Science
- CLB006 Primary Curriculum and Pedagogies: Language and Literacies 1

*Year 3, Semester 1*
- LSB338 Cell and Molecular Biology 2
- MDB450 Primary Mathematics Curriculum
- Either
- MAB101 Statistical Data Analysis 1

*Year 3, Semester 2*
- LSB408 Metabolism
- Either
- LSB497 Plant Molecular Biology
  - Or
- LSB657 Perspectives in Life Science
- CLB006 Primary Curriculum and Pedagogies: Language and Literacies 1

**Course structure - Major in Chemistry**

*Year 1, Semester 1*
- EDB002 Teaching and Learning Studies 2: Development and Learning
- MAB100 Mathematical Sciences 1A
- PCB101 Physical Science
- PCB142 Chemistry 1

*Year 1, Semester 2*
- EDB021 Primary Field Studies I: Development and Learning in the Field
- PCB242 Chemistry 2
- PCB260 Physics 1A
- PCB434 Inorganic Chemistry

*Year 2, Semester 1*
- MDB450 Primary Mathematics Curriculum
- NRB100 Environmental Science
- PCB305 Principles of Physical Chemistry
- PCB354 Synthesis and Reactivity in Organic Chemistry

*Year 2, Semester 2*
- CLB006 Primary Curriculum and Pedagogies: Integrated Primary and Middle Years Curriculum Project
- PCB414 Industrial and Environmental Analytical Chemistry
- PCB444 Spectroscopy
- PCB634 Organometallic and Coordination Chemistry

*Year 3, Semester 1*
- LSB118 Life Science
- PCB305 Advanced Physical Chemistry
- PCB554 Synthesis and Reactivity in Organic Chemistry
  - One of
- PCB514 Instrumental Analysis
- PCB584 Forensic Examination of Physical Evidence
- PCB604 Project

*Year 3, Semester 2*
- EDB003 Teaching and Learning Studies 3: Practising Education
- EDB008 Primary Curriculum and Pedagogies: Interdisciplinary Primary Curriculum Studies I
- EDB022 Primary Field Studies II: Practising Education in the Field
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Year 4, Semester 1
EDB004 Teaching and Learning Studies IV: Inclusive Education
EDB009 Primary Curriculum and Pedagogies: Interdisciplinary Primary Curriculum Studies II
EDB023 Primary Field Studies II: Immersion in Inclusive Educational Practices

Year 4, Semester 2
EDB005 Teaching and Learning Studies V: Professional Work of Teachers
EDB024 Primary Field Studies IV: Professional Work of Teachers: Induction into Practice
EDB025 Internship (Primary)
SPB035 Primary Curriculum and Pedagogies: Integrated Primary and Middle Years Curriculum Project

Course structure - Major in Ecology
Year 1, Semester 1
EDB002 Teaching and Learning Studies 2: Development and Learning
LSB118 Life Science
NRB100 Environmental Science
PCB101 Physical Science

Year 1, Semester 2
EDB021 Primary Field Studies 1: Development and Learning in the Field
MAB101 Statistical Data Analysis 1
NRB270 Animal and Plant Structure and Function
NRB410 Genetics and Evolution

Year 2, Semester 1
MDB450 Primary Mathematics Curriculum
NRB311 Population Ecology
NRB312 Experimental Design
NRB370 Invertebrate Biology

Year 2, Semester 2
CLB006 Primary Curriculum and Pedagogies: Language and Literacies
NRB411 Ecological Methods
NRB470 Vertebrate Biology
NRB611 Conservation Biology

Year 3, Semester 1
NRB510 Population Genetics
NRB511 Population Management
NRB572 Terrestrial Ecosystems
One Science Elective

Year 3, Semester 2
EDB003 Teaching and Learning Studies 3: Practising Education
EDB008 Primary Curriculum and Pedagogies: Interdisciplinary Primary Curriculum Studies I
EDB022 Primary Field Studies II: Practising Education in the Field

Year 4, Semester 1
EDB004 Teaching and Learning Studies IV: Inclusive Education
EDB009 Primary Curriculum and Pedagogies: Interdisciplinary Primary Curriculum Studies II
EDB023 Primary Field Studies III: Immersion in Inclusive Educational Practices

Year 4, Semester 2
EDB005 Teaching and Learning Studies V: Professional Work of Teachers
EDB024 Primary Field Studies IV: Professional Work of Teachers: Induction into Practice
EDB025 Internship (Primary)
SPB035 Primary Curriculum and Pedagogies: Integrated Primary and Middle Years Curriculum Project

Course structure - Major in Geoscience
Year 1, Semester 1
EDB002 Teaching and Learning Studies 2: Development and Learning
NRB100 Environmental Science
NRB230 Planet Earth
PCB101 Physical Science

Year 1, Semester 2
EDB021 Primary Field Studies 1: Development and Learning in the Field
MAB100 Mathematical Sciences 1A
PCB142 Chemistry 1

Year 2, Semester 1
MDB450 Primary Mathematics Curriculum
NRB300 Environmental Monitoring
NRB331 Sedimentary Geology
NRB333 Mineralogy

Year 2, Semester 2
CLB006 Primary Curriculum and Pedagogies: Language and Literacies
NRB434 Structural Geology and Field Methods
NRB436 Introduction to Igneous and Metamorphic Petrology
NRB633 Hydrogeology
SCB222 Exploration of the Universe

Year 3, Semester 1
MAB101 Statistical Data Analysis 1
NRB533 Advanced Geological Mapping
NRB534 Geophysics
NRB536 Petrology and Geochemistry
One Science Elective

Note: The major component in assessment and teaching of NRB533 is conducted as a field program during July.

Year 3, Semester 2
EDB003 Teaching and Learning Studies 3: Practising Education
EDB008 Primary Curriculum and Pedagogies: Interdisciplinary Primary Curriculum Studies I
EDB022 Primary Field Studies II: Practising Education in the Field

Year 4, Semester 1
EDB004 Teaching and Learning Studies IV: Inclusive Education

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Year 2, Semester 1
MDB450 Primary Mathematics Curriculum
NRB300 Environmental Monitoring
NRB311 Population Ecology
One of
NRB331 Sedimentary Geology
NRB370 Invertebrate Biology
NRB371 Plant Biology
ITB043 Computing Applications

Year 2, Semester 2
CLB006 Primary Curriculum and Pedagogies: Language and Literacies
One of
NRB400 Environmental Systems
NRB440 Environmental Chemistry
NRB600 Issues in Environmental Management

Year 3, Semester 1
NRB500 Environmental Modelling
NRB501 Mapping and Modelling of Natural Resource Data
NRB572 Terrestrial Ecosystems
One Science Elective

Year 3, Semester 2
EDB003 Teaching and Learning Studies 3: Practising Education
EDB008 Primary Curriculum and Pedagogies: Interdisciplinary Primary Curriculum Studies I
EDB022 Primary Field Studies II: Practising Education in the Field

Year 4, Semester 1
EDB004 Teaching and Learning Studies IV: Inclusive Education
EDB009 Primary Curriculum and Pedagogies: Interdisciplinary Primary Curriculum Studies II
EDB023 Primary Field Studies III: Immersion in Inclusive Educational Practices

UNIVERSITY-WIDE AND INTERFACULTY COURSES

Year 4, Semester 2
EDB005 Teaching and Learning Studies V: Professional Work of Teachers
EDB024 Primary Field Studies IV: Professional Work of Teachers: Induction into Practice
EDB025 Internship (Primary)

Course structure - Major in Environmental Science
Year 1, Semester 1
EDB002 Teaching and Learning Studies 2: Development and Learning
NRB100 Environmental Science
NRB230 Planet Earth
PCB101 Physical Science

Year 1, Semester 2
EDB021 Primary Field Studies 1: Development and Learning in the Field
LSB118 Life Science
MAB101 Statistical Data Analysis 1
Or
PCB142 Chemistry 1

Course structure - Major in Environmental Science
Year 2, Semester 1
EDB004 Teaching and Learning Studies IV: Inclusive Education

Year 3, Semester 1
EDB003 Teaching and Learning Studies 3: Practising Education
EDB008 Primary Curriculum and Pedagogies: Interdisciplinary Primary Curriculum Studies I
EDB022 Primary Field Studies II: Practising Education in the Field

Year 4, Semester 1
EDB004 Teaching and Learning Studies IV: Inclusive Education

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EDB009 Primary Curriculum and Pedagogies: Interdisciplinary Primary Curriculum Studies II
EDB023 Primary Field Studies III: Immersion in Inclusive Educational Practices

Year 4, Semester 2
EDB005 Teaching and Learning Studies V: Professional Work of Teachers
EDB024 Primary Field Studies IV: Professional Work of Teachers: Induction into Practice
EDB025 Internship (Primary)
SPB035 Primary Curriculum and Pedagogies: Integrated Primary and Middle Years Curriculum Project

**Course structure - Major in Mathematics (WITH Maths C)**

**Year 1, Semester 1**
EDB002 Teaching and Learning Studies 2: Development and Learning
MAB100 Mathematical Sciences I
MAB101 Statistical Data Analysis I
PCB101 Physical Science

Year 1, Semester 2
EDB021 Primary Field Studies 1: Development and Learning in the Field
MAB210 Statistical Modelling 1
MAB220 Computational Mathematics 1
PCB101 Physical Science

Year 2, Semester 1
MDB450 Primary Mathematics Curriculum
One Science unit - selected from:
LSB118 Life Science
NRB100 Environmental Science

Two Level 2 Mathematics units - available units are:
MAB311 Advanced Calculus
MAB312 Linear Algebra
MAB313 Mathematics of Finance
MAB314 Statistical Modelling 2
Note: Students must complete at least one of MAB311, MAB312, MAB413

Year 2, Semester 2
CLB006 Primary Curriculum and Pedagogies: Language and Literacies
One Science unit - selected from:
LSB118 Life Science
NRB100 Environmental Science

Two Level 2 Mathematics units - available units are:
MAB315 Operations Research 2
MAB413 Differential Equations
MAB414 Applied Statistics 2
MAB420 Computational Mathematics 2
MAB422 Mathematical Modelling

One Level 3 Mathematics units - available units are:
MAB621 Discrete Mathematics
MAB623 Financial Mathematics
Note: Students must complete at least one of MAB311, MAB312, MAB413

**Year 3, Semester 1**
One Science Elective
Three Level 3 Mathematics units - available units are:
MAB521 Applied Mathematics 3
MAB522 Computational Mathematics 3
MAB523 Introduction to Quality Management
MAB525 Operations Research 3A
MAB526 Statistical Science 3
MAB672 Advanced Mathematical Modelling

**Year 3, Semester 2**
EDB003 Teaching and Learning Studies 3: Practising Education
EDB008 Primary Curriculum and Pedagogies: Interdisciplinary Primary Curriculum Studies I
EDB022 Primary Field Studies II: Practising Education in the Field

**Year 4, Semester 1**
EDB004 Teaching and Learning Studies IV: Inclusive Education
EDB009 Primary Curriculum and Pedagogies: Interdisciplinary Primary Curriculum Studies II
EDB023 Primary Field Studies III: Immersion in Inclusive Educational Practices

**Year 4, Semester 2**
EDB005 Teaching and Learning Studies V: Professional Work of Teachers
EDB024 Primary Field Studies IV: Professional Work of Teachers: Induction into Practice
EDB025 Internship (Primary)

SPB035 Primary Curriculum and Pedagogies: Integrated Primary and Middle Years Curriculum Project

**Course structure - Major in Microbiology**

**Year 1, Semester 1**
EDB002 Teaching and Learning Studies 2: Development and Learning
LSB118 Life Science
PCB101 Physical Science

Or
PCB140 Introductory Chemistry

Note: Students must complete at least one of MAB311, MAB312, MAB413

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PCB142 Chemistry 1

Year, Semester 2
EDB021 Primary Field Studies 1: Development and Learning in the Field
LSB238 Cell and Molecular Biology 1
NRRB70 Animal and Plant Structure and Function
PCB242 Chemistry 2

Year, Semester 1
LSB308 Biochemistry
LSB338 Cell and Molecular Biology 2
MDB450 Primary Mathematics Curriculum
Either
NRRB100 Environmental Science
Or
MAB101 Statistical Data Analysis 1

Year, Semester 2
CLB006 Primary Curriculum and Pedagogies: Language and Literacies
LSB408 Metabolism
LSB428 Microbiology 2
LSB657 Perspectives in Life Science

Year, Semester 3
LSB528 Environmental Microbiology
LSB547 Bacterial Pathogenesis and Disease Diagnosis
LSB578 Virology
One Science Elective

Year, Semester 2
EDB003 Teaching and Learning Studies 3: Practising Education
EDB008 Primary Curriculum and Pedagogies: Interdisciplinary Primary Curriculum Studies I
EDB022 Primary Field Studies II: Practising Education in the Field

Year, Semester 1
EDB004 Teaching and Learning Studies IV: Inclusive Education
EDB009 Primary Curriculum and Pedagogies: Interdisciplinary Primary Curriculum Studies II
EDB023 Primary Field Studies III: Immersion in Inclusive Educational Practices
EDB005 Teaching and Learning Studies V: Professional Work of Teachers
EDB024 Primary Field Studies IV: Professional Work of Teachers: Induction into Practice
EDB025 Internship (Primary)

SPB035 Primary Curriculum and Pedagogies: Integrated Primary and Middle Years Curriculum Project

Course structure - Major in Physics

Year, Semester 1
EDB002 Teaching and Learning Studies 2: Development and Learning
PCB101 Physical Science
PCB107 Physics and Quantitative Techniques
Either
MAB180 Engineering Mathematics 1
Or
MAB131 Engineering Mathematics 1A

Year, Semester 2
EDB021 Primary Field Studies 1: Development and Learning in the Field
MAB132 Engineering Mathematics 1B
PCB250 Physics 1
PCB260 Physics 1A

Year, Semester 1
MAB134 Electrical Engineering Mathematics 3
MDB450 Primary Mathematics Curriculum
PCB361 AC Theory and Electronics
PCB362 Physics 2

Year, Semester 2
CLB006 Primary Curriculum and Pedagogies: Language and Literacies
PCB404 Scientific Principles of Safety
PCB460 Instrumentation and Computational Methods
PCB462 Thermodynamics and Solid State Physics

Year, Semester 1
PCB561 Quantum and Condensed Matter Physics
PCB562 Physical Methods of Analysis
PCB661 Experimental Physics
Either

LSB118 Life Science
Or
NRRB100 Environmental Science

Year, Semester 2
EDB003 Teaching and Learning Studies 3: Practising Education
EDB008 Primary Curriculum and Pedagogies: Interdisciplinary Primary Curriculum Studies I
EDB022 Primary Field Studies II: Practising Education in the Field

Year, Semester 1
EDB004 Teaching and Learning Studies IV: Inclusive Education
EDB009 Primary Curriculum and Pedagogies: Interdisciplinary Primary Curriculum Studies II
EDB023 Primary Field Studies III: Immersion in Inclusive Educational Practices
EDB005 Teaching and Learning Studies V: Professional Work of Teachers
EDB024 Primary Field Studies IV: Professional Work of Teachers: Induction into Practice
EDB025 Internship (Primary)

SPB035 Primary Curriculum and Pedagogies: Integrated Primary and Middle Years Curriculum Project

Bachelor of Applied Science/Bachelor of Education (Secondary) (IX02)

Award title: Bachelor of Applied Science (Study Area A)/Bachelor of Education
CRICOS code: 020322E
Location: Gardens Point and Kelvin Grove
Course duration (full-time): 4 years
Total credit points: 432
Standard credit points per semester (full-time): 48 (semesters 1, 6-8), 60 (semesters 2-5)
Course coordinator: Dr Megan Hargreaves (Science); Dr Peter Bond (Education)

Professional Recognition
The Bachelor of Education (Secondary) is recognised by the Queensland Board of Teacher Registration as meeting the requirements for registration as a teacher in Queensland. Applicants for registration as a teacher in Queensland are subject to national criminal history checks.


Course Design
See the Bachelor of Applied Science (SC01) course information for details of major areas of study.

So that students can complete the double degree in a shorter period of time, co-majors are to be taken from the education technology program.

In the first five semesters students will study a total of 20 science units. The science units will include selected science and mathematics units appropriate for general science teaching.

Teaching areas will depend on the major and teaching combinations chosen, but combinations should be appropriate for either Science Studies (General Science) with Biology, Chemistry, Geology, Physics or Mathematics; or Mathematics with Physics, Chemistry, Geology or Biology.

In the final semester, students may undertake the Middle Years of Schooling Pathway developing the knowledge, skills and understanding required to participate fully in the middle schooling reform movement.

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### Field Experience Requirements
As required by Queensland’s Child Protection Act, students must undergo national criminal history checks (which must be renewed every two years) prior to undertaking field experience.

### Course structure - Major in Biochemistry

**Year 1, Semester 1**
- EDB002 Teaching and Learning Studies 2: Development and Learning
- LSB118 Life Science
- PCB101 Physical Science
- Either
- PCB140 Introductory Chemistry
- Or
- PCB142 Chemistry 1

**Year 1, Semester 2**
- EDB031 Secondary Field Studies 1: Development and Learning in the Field
- LSB238 Cell and Molecular Biology 1
- NRB270 Animal and Plant Structure and Function
- PCB242 Chemistry 2
- SCB222 Exploration of the Universe

**Year 2, Semester 1**
- LSB308 Biochemistry
- LSB328 Microbiology 1
- LSB338 Cell and Molecular Biology 2
- NRB100 Environmental Science
- Curriculum Studies 1X

**Year 2, Semester 2**
- PCB142 Chemistry 1
- Or
- PCB140 Introductory Chemistry

**Year 3, Semester 1**
- EDB033 Secondary Field Studies III: Immersion in Inclusive Education Studies
- PCB634 Inorganic Chemistry
- PCB260 Physics 1A
- PCB434 Inorganic Chemistry

**Year 3, Semester 2**
- EDB034 Secondary Field Studies IV: Professional Work of Teachers
- PCB242 Chemistry 2
- PCB260 Physics 1A
- PCB434 Inorganic Chemistry

**Year 4, Semester 1**
- EDB031 Secondary Field Studies 1: Development and Learning in the Field
- PCB604 Project

**Year 4, Semester 2**
- EDB032 Secondary Field Studies II: Practising Education in the Field
- PCB645 Science, Technology and Society
- NRB118 Life Science
- PCB509 Medical Biotechnology
- Or
- PCB577 Plant Biotechnology 1
- Curriculum Studies 1Y

### Course structure - Major in Biotechnology

**Year 1, Semester 1**
- EDB002 Teaching and Learning Studies 2: Development and Learning
- LSB118 Life Science
- PCB101 Physical Science
- Either
- PCB140 Introductory Chemistry
- Or
- PCB142 Chemistry 1

**Year 1, Semester 2**
- EDB031 Secondary Field Studies 1: Development and Learning in the Field
- LSB238 Cell and Molecular Biology 1
- NRB270 Animal and Plant Structure and Function
- PCB242 Chemistry 2

**Year 2, Semester 1**
- LSB308 Biochemistry
- LSB328 Microbiology 1
- LSB338 Cell and Molecular Biology 2
- NRB100 Environmental Science
- Curriculum Studies 1X

**Year 2, Semester 2**
- LSB408 Metabolism
- LSB468 Molecular Biology
- MAB101 Statistical Data Analysis 1
- MDB454 Science, Technology and Society
- NRB240 History of Life on Earth

**Year 3, Semester 1**
- LSB527 Biomedical Research Technologies
- LSB537 Genetic Engineering
- LSB568 Electron Microscopy
- Either
- LSB509 Medical Biotechnology
- Or
- LSB577 Plant Biotechnology 1
- Curriculum Studies 1Y

**Year 3, Semester 2**
- EDB003 Teaching and Learning Studies 3: Practising Education
- EDB032 Secondary Field Studies II: Practising Education in the Field
- Curriculum Studies 2X
- Curriculum Studies 2Y

**Year 4, Semester 1**
- EDB004 Teaching and Learning Studies IV: Inclusive Education
- EDB033 Secondary Field Studies III: Immersion in Inclusive Educational Practices
- Curriculum Studies 3X
- Curriculum Studies 3Y

**Year 4, Semester 2**
- EDB005 Teaching and Learning Studies V: Professional Work of Teachers
- EDB034 Secondary Field Studies IV: Professional Work of Teachers: Induction into Practice
- EDB035 Internship (Secondary)
- Education Elective

### Course structure - Major in Chemistry

**Year 1, Semester 1**
- EDB002 Teaching and Learning Studies 2: Development and Learning
- MAB101 Statistical Data Analysis 1
- PCB101 Physical Science
- PCB142 Chemistry 1

**Year 1, Semester 2**
- EDB003 Teaching and Learning Studies 3: Practising Education
- EDB032 Secondary Field Studies II: Practising Education in the Field
- Curriculum Studies 2X
- Curriculum Studies 2Y

**Year 2, Semester 1**
- EDB004 Teaching and Learning Studies IV: Inclusive Education
- EDB033 Secondary Field Studies III: Immersion in Inclusive Educational Practices
- Curriculum Studies 3X
- Curriculum Studies 3Y

**Year 2, Semester 2**
- EDB005 Teaching and Learning Studies V: Professional Work of Teachers
- EDB034 Secondary Field Studies IV: Professional Work of Teachers: Induction into Practice
- EDB035 Internship (Secondary)
- Education Elective

**Year 3, Semester 1**
- MAB100 Mathematical Sciences 1A
- PCB242 Chemistry 2
- PCB260 Physics 1A
- PCB434 Inorganic Chemistry
- PCB444 Spectroscopy
- PCB445 Instrumental Analysis
- PCB458 Organic Chemistry
- PCB604 Project
- Curriculum Studies 1X

**Year 3, Semester 2**
- EDB003 Teaching and Learning Studies 3: Practising Education
- EDB032 Secondary Field Studies II: Practising Education in the Field
- Curriculum Studies 2X
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Course structure - Major in Environmental Science

**Year 1, Semester 1**
- EDB002 Teaching and Learning Studies 2: Development and Learning
- LSB118 Life Science
- PCB101 Physical Science

**Year 1, Semester 2**
- EDB031 Secondary Field Studies I: Development and Learning in the Field
- MAB101 Statistical Data Analysis I
- NRB240 History of Life on Earth
- NRB300 Environmental Monitoring

**Year 2, Semester 1**
- EDB033 Secondary Field Studies II: Immersion in Inclusive Educational Practices
- Curriculum Studies 3X
- Curriculum Studies 3Y
- NRB311 Population Ecology
- NRB370 Invertebrate Biology
- NRB371 Plant Biology
- ITB843 Computing Applications

**Year 2, Semester 2**
- EDB005 Teaching and Learning Studies V: Professional Work of Teachers
- EDB034 Secondary Field Studies IV: Professional Work of Teachers: Induction into Practice
- EDB035 Internship (Secondary)

**Course structure - Major in Geoscience**

**Year 1, Semester 1**
- EDB002 Teaching and Learning Studies 2: Development and Learning
- PCB101 Physical Science

**Year 1, Semester 2**
- EDB003 Teaching and Learning Studies IV: Inclusive Education
- EDB033 Secondary Field Studies III: Immersion in Inclusive Educational Practices

**Year 2, Semester 1**
- EDB031 Secondary Field Studies I: Development and Learning in the Field
- MAB101 Statistical Data Analysis I
- NRB230 Planet Earth
- PCB101 Physical Science

**Year 2, Semester 2**
- EDB034 Secondary Field Studies IV: Professional Work of Teachers: Induction into Practice

**Course structure - Major in Geoscience**

**Year 1, Semester 1**
- EDB002 Teaching and Learning Studies 2: Development and Learning
- NRB100 Environmental Science
- NRB230 Planet Earth
- PCB101 Physical Science

**Year 1, Semester 2**
- EDB031 Secondary Field Studies I: Development and Learning in the Field
- LSB118 Life Science
- MAB101 Statistical Data Analysis I
- MAB100 Mathematical Sciences 1A

**Year 2, Semester 1**
- EDB003 Teaching and Learning Studies IV: Inclusive Education
- EDB033 Secondary Field Studies III: Immersion in Inclusive Educational Practices
- Curriculum Studies 3X
- NRB370 Invertebrate Biology
- NRB371 Plant Biology
- ITB843 Computing Applications

**Year 2, Semester 2**
- EDB005 Teaching and Learning Studies V: Professional Work of Teachers
- EDB034 Secondary Field Studies IV: Professional Work of Teachers: Induction into Practice
- EDB035 Internship (Secondary)

**Course structure - Major in Environmental Science**

**Year 1, Semester 1**
- EDB002 Teaching and Learning Studies 2: Development and Learning
- NRB100 Environmental Science
- NRB240 History of Life on Earth
- Either

**Year 1, Semester 2**
- EDB031 Secondary Field Studies I: Development and Learning in the Field
- LSB118 Life Science
- Either

**Year 2, Semester 1**
- EDB033 Secondary Field Studies II: Immersion in Inclusive Educational Practices
- Curriculum Studies 3X
- Curriculum Studies 3Y
- NRB311 Population Ecology
- NRB370 Invertebrate Biology
- NRB371 Plant Biology
- ITB843 Computing Applications

**Year 2, Semester 2**
- EDB005 Teaching and Learning Studies V: Professional Work of Teachers
- EDB034 Secondary Field Studies IV: Professional Work of Teachers: Induction into Practice

**Course structure - Major in Geoscience**

**Year 1, Semester 1**
- EDB002 Teaching and Learning Studies 2: Development and Learning
- NRB100 Environmental Science
- NRB230 Planet Earth
- PCB101 Physical Science

**Year 1, Semester 2**
- EDB031 Secondary Field Studies I: Development and Learning in the Field
- LSB118 Life Science
- MAB101 Statistical Data Analysis I
- MAB100 Mathematical Sciences 1A

**Year 2, Semester 1**
- EDB003 Teaching and Learning Studies IV: Inclusive Education
- EDB033 Secondary Field Studies III: Immersion in Inclusive Educational Practices
- Curriculum Studies 3X
- NRB370 Invertebrate Biology
- NRB371 Plant Biology
- ITB843 Computing Applications

**Year 2, Semester 2**
- EDB005 Teaching and Learning Studies V: Professional Work of Teachers
- EDB034 Secondary Field Studies IV: Professional Work of Teachers: Induction into Practice

**Course structure - Major in Environmental Science**

**Year 1, Semester 1**
- EDB002 Teaching and Learning Studies 2: Development and Learning
- NRB100 Environmental Science
- NRB240 History of Life on Earth
- Either

**Year 1, Semester 2**
- EDB031 Secondary Field Studies I: Development and Learning in the Field
- LSB118 Life Science
- MAB101 Statistical Data Analysis I
- MAB100 Mathematical Sciences 1A

**Year 2, Semester 1**
- EDB033 Secondary Field Studies II: Immersion in Inclusive Educational Practices
- Curriculum Studies 3X
- Curriculum Studies 3Y
- NRB311 Population Ecology
- NRB370 Invertebrate Biology
- NRB371 Plant Biology
- ITB843 Computing Applications

**Year 2, Semester 2**
- EDB005 Teaching and Learning Studies V: Professional Work of Teachers
- EDB034 Secondary Field Studies IV: Professional Work of Teachers: Induction into Practice

**Course structure - Major in Geoscience**

**Year 1, Semester 1**
- EDB002 Teaching and Learning Studies 2: Development and Learning
- NRB100 Environmental Science
- NRB230 Planet Earth
- PCB101 Physical Science

**Year 1, Semester 2**
- EDB031 Secondary Field Studies I: Development and Learning in the Field
- LSB118 Life Science
- Either
Curriculum Studies 1Y
Note: The major component in assessment and teaching of NRB533 is conducted as a field program during July.
Year 3, Semester 2
EDB003 Teaching and Learning Studies 3: Practising Education
EDB032 Secondary Field Studies II: Practising Education in the Field
Curriculum Studies 2X
Curriculum Studies 2Y
Year 4, Semester 1
EDB004 Teaching and Learning Studies IV: Inclusive Education
EDB033 Secondary Field Studies III: Immersion in Inclusive Educational Practices
Year 4, Semester 2
EDB005 Teaching and Learning Studies V: Professional Work of Teachers
EDB034 Secondary Field Studies IV: Professional Work of Teachers: Induction into Practice
EDB035 Internship (Secondary)
Education Elective

Course structure - Major in Mathematics (WITHOUT Maths C)
Year 1, Semester 1
EDB002 Teaching and Learning Studies 2: Development and Learning
MAB101 Statistical Data Analysis 1
MAB111 Mathematical Sciences 1B
MAB112 Mathematical Sciences 1C
Year 1, Semester 2
EDB031 Secondary Field Studies I: Development and Learning in the Field
MAB210 Statistical Modelling I
MAB220 Computational Mathematics I
MAB454 Science, Technology and Society
SCB22 Exploration of the Universe
Year 2, Semester 1
PCB101 Physical Science
Three Level 2 Mathematics units * - available units are:
MAB311 Advanced Calculus
MAB312 Linear Algebra
MAB313 Mathematics of Finance
MAB314 Statistical Modelling 2
Curriculum Studies 1X
Note: Students must complete at least on eof MAB311, MAB312, MAB413
Year 2, Semester 2
PCB142 Chemistry 1
Two Level 2 Mathematics units * - available units are:
MAB315 Operations Research 2
MAB413 Differential Equations
Year 3, Semester 1
LSB118 Life Science
PCB107 Physics and Quantitative Techniques
Two Level 3 Mathematics units - available units are:
MAB521 Applied Mathematics 3
MAB522 Computational Mathematics 3
MAB523 Introduction to Quality Management
MAB525 Operations Research 3A
MAB526 Statistical Science 3
MAB672 Advanced Mathematical Modelling
Curriculum Studies 1Y
Year 3, Semester 2
EDB003 Teaching and Learning Studies 3: Practising Education
EDB032 Secondary Field Studies II: Practising Education in the Field
Curriculum Studies 2X
Curriculum Studies 2Y
Year 4, Semester 1
EDB004 Teaching and Learning Studies IV: Inclusive Education
EDB033 Secondary Field Studies III: Immersion in Inclusive Educational Practices
Year 4, Semester 2
EDB005 Teaching and Learning Studies V: Professional Work of Teachers
EDB034 Secondary Field Studies IV: Professional Work of Teachers: Induction into Practice
EDB035 Internship (Secondary)
Education Elective

Course structure - Major in Microbiology
Year 1, Semester 1
EDB002 Teaching and Learning Studies 2: Development and Learning
Year 1, Semester 2
EDB031 Secondary Field Studies I: Development and Learning in the Field
LSB238 Cell and Molecular Biology 1
NBR270 Animal and Plant Structure and Function
PCB242 Chemistry 2
SCB222 Exploration of the Universe

Year 2, Semester 1
LSB308 Biochemistry
LSB328 Microbiology 1
LSB338 Cell and Molecular Biology 2
NBR100 Environmental Science
NBR230 Planet Earth
Curriculum Studies 1X

Year 2, Semester 2
MDB454 Science, Technology and Society
LSB428 Microbiology 2
Either
LSB408 Metabolism
Or
LSB468 Molecular Biology
MAB101 Statistical Data Analysis 1
NBR240 History of Life on Earth

Year 3, Semester 1
LSB528 Environmental Microbiology
LSB547 Bacterial Pathogenesis and Disease Diagnosis
LSB568 Electron Microscopy
LSB578 Virology
Curriculum Studies 1Y

Year 3, Semester 2
EDB003 Teaching and Learning Studies 3: Practising Education
EDB032 Secondary Field Studies II: Practising Education in the Field
Curriculum Studies 2X
Curriculum Studies 2Y

Year 4, Semester 1
EDB004 Teaching and Learning Studies IV: Inclusive Education
EDB033 Secondary Field Studies III: Immersion in Inclusive Educational Practices
Curriculum Studies 3X
Curriculum Studies 3Y

Year 4, Semester 2
EDB005 Teaching and Learning Studies V: Professional Work of Teachers
EDB034 Secondary Field Studies IV: Professional Work of Teachers: Induction into Practice
EDB035 Internship (Secondary)
Education Elective

Science Component
Major in Physics (with Mathematics Studies)
Replace one science unit (not Physics units) with MAB101 Statistical Data Analysis 1.
Optional - replace up to two other science units (not Physics units) with mathematics units from MAB210, MAB220 or Level 2 or Level 3 units.

Mathematics Studies for Majors other than Mathematics or Physics
The following four mathematics units should be included:
MAB100 Mathematical Sciences 1A
MAB101 Statistical Data Analysis 1
MAB111 Mathematical Sciences 1B
MAB112 Mathematical Sciences 1C
Up to two other mathematical units may also be selected.

List 1: Curriculum Studies 1X & 1Y
Prerequisite: Normally minimum of 24 credit points of relevant discipline
MDB009 Biology Curriculum Studies 1
MDB012 Chemistry Curriculum Studies 1
MDB018 Earth Science Curriculum Studies 1
MDB021 Mathematics Curriculum Studies 1
MDB024 Physics Curriculum Studies 1
MDB027 Science Curriculum Studies 1

List 2: Curriculum Studies 2X & 2Y
Prerequisites: Curriculum Studies 1X & 1Y
MDB010 Biology Curriculum Studies 2
MDB013 Chemistry Curriculum Studies 2
MDB019 Earth Science Curriculum Studies 2
MDB022 Mathematics Curriculum Studies 2
MDB025 Physics Curriculum Studies 2
MDB028 Science Curriculum Studies 2

List 3: Curriculum Studies 3X & 3Y
Prerequisites: Curriculum Studies 2X & 2Y
MDB011 Biology Curriculum Studies 3
MDB014 Chemistry Curriculum Studies 3
MDB020 Earth Science Curriculum Studies 3
MDB023 Mathematics Curriculum Studies 3
MDB026 Physics Curriculum Studies 3
MDB029 Science Curriculum Studies 3
Bachelor of Applied Science/Bachelor of Information Technology (IF29)

Award title: Bachelor of Applied Science (Study Area A)/Bachelor of Information Technology

CRICOS code: 020327M

Location: Gardens Point

Course duration (full-time): 4 Years

Total credit points: 408 (Note: The minimum course load per semester required for full-time enrolment may be more than 36 credit points)

Standard credit points per semester (full-time): 48

Course coordinator: Dr Megan Hargreaves (Science); Dr Alan Tickle (InfTech)

Professional Recognition

Graduates will satisfy the requirements for membership in the relevant professional body for their chosen science major. See the Bachelor of Applied Science (SC01) course for details. Graduates are also eligible for membership of the Australian Computer Society (ACS).

Course Design

The science component of the course offers students a choice of one of eight majors: Biochemistry, Biotechnology, Chemistry, Ecology, Environmental Science, Geoscience, Microbiology and Physics. The Bachelor of Applied Science (SC01) course information for more details. So that students can complete the double degree in a shorter period of time, co-majors are to be taken from the information technology program.

The information technology component gives students the opportunity to undertake a combined major in Data Communications and Software Engineering. Theoretical aspects are balanced by strong practical components in both of the science and information technology degrees.

Cooperative Education Program

An optional one-year period of paid work experience in an area of information technology is available to eligible full-time students. The Cooperative Education Program is a joint venture between employers and educators to better prepare students for employment upon graduation. Companies that QUT’s Cooperative Education students have worked with include Energex, Boeing, CITEC, Global Banking and Securities Transaction, various Queensland Government departments, Dialog, TABQ, RACQ and Sun Microsystems.

Course structure - Major in Biochemistry

Year 1, Semester 1
- ITB111 Software Development 1
- ITB115 Introduction to Databases
- LSB118 Life Science
- PCB101 Physical Science

Year 1, Semester 2
- ITB112 Software Development 2
- ITB114 Networking Systems
- ITB118 ICT Systems Life Cycle
- LSB238 Cell and Molecular Biology 1
- NRB270 Animal and Plant Structure and Function

Year 2, Semester 1
- ITB113 Systems Architecture
- ITB610 Software Development 3
- ITB624 Internetworking
- LSB142 Human Anatomy and Physiology
- Either
- PCB140 Introductory Chemistry
- Or
- PCB142 Chemistry 1

Year 2, Semester 2
- ITB627 Network Technologies
- ITB629 Network Services
- MAB101 Statistical Data Analysis 1
- PCB242 Chemistry 2

Year 3, Semester 1
- ITB616 Computer Architecture
- LSB308 Biochemistry
- LSB338 Cell and Molecular Biology 2

Year 3, Semester 2
- ITB611 Software Development 1
- ITB115 Introduction to Databases
- LSB118 Life Science
- PCB101 Physical Science

Year 4, Semester 1
- ITB613 Advanced Programming Laboratory
- LSB508 Advanced Metabolism
- LSB527 Biomedical Research Technologies

Year 4, Semester 2
- LSB607 Protein Purification
- LSB608 Protein Science

Course structure - Major in Biotechnology (Medical Strand)

Year 1, Semester 1
- ITB111 Software Development 1
- ITB115 Introduction to Databases
- LSB118 Life Science
- PCB101 Physical Science

Year 1, Semester 2
- ITB112 Software Development 2
- ITB114 Networking Systems
- ITB118 ICT Systems Life Cycle
- LSB238 Cell and Molecular Biology 1
- NRB270 Animal and Plant Structure and Function

Year 2, Semester 1
- ITB113 Systems Architecture
- ITB610 Software Development 3
- ITB624 Internetworking
- LSB142 Human Anatomy and Physiology
- Either
- PCB140 Introductory Chemistry
- Or
- PCB142 Chemistry 1

Year 2, Semester 2
- ITB627 Network Technologies
- ITB629 Network Services
- MAB101 Statistical Data Analysis 1
- PCB242 Chemistry 2

Year 3, Semester 1
- ITB613 Advanced Programming Laboratory
- LSB509 Medical Biotechnology
- LSB537 Genetic Engineering

Year 3, Semester 2
- LSB609 Medical Biotechnology 2
- LSB619 Genomics & Bioinformatics

Course structure - Major in Chemistry

Year 1, Semester 1
- ITB111 Software Development 1
- ITB115 Introduction to Databases
- MAB100 Mathematical Sciences 1A
- PCB101 Physical Science

Year 1, Semester 2
- ITB112 Software Development 2
- ITB114 Networking Systems
- ITB118 ICT Systems Life Cycle
- LSB238 Cell and Molecular Biology 1
- NRB270 Animal and Plant Structure and Function

Year 2, Semester 1
- ITB113 Systems Architecture
- ITB610 Software Development 3
- ITB624 Internetworking
- LSB142 Human Anatomy and Physiology
- Either
- PCB140 Introductory Chemistry
- Or
- PCB142 Chemistry 1

Year 2, Semester 2
- ITB627 Network Technologies
- ITB629 Network Services
- MAB101 Statistical Data Analysis 1
- PCB242 Chemistry 2

Year 3, Semester 1
- ITB613 Advanced Programming Laboratory
- LSB508 Advanced Metabolism
- LSB527 Biomedical Research Technologies

Year 3, Semester 2
- LSB609 Medical Biotechnology 2
- LSB619 Genomics & Bioinformatics

Year 4, Semester 1
- ITB613 Advanced Programming Laboratory
- LSB509 Medical Biotechnology
- LSB537 Genetic Engineering

Year 4, Semester 2
- LSB609 Medical Biotechnology 2
- LSB619 Genomics & Bioinformatics

Course structure - Major in Physics

Year 1, Semester 1
- ITB111 Software Development 1
- ITB115 Introduction to Databases
- MAB100 Mathematical Sciences 1A
- PCB101 Physical Science

Year 1, Semester 2
- ITB112 Software Development 2
- ITB114 Networking Systems
- ITB118 ICT Systems Life Cycle
- LSB238 Cell and Molecular Biology 1
- NRB270 Animal and Plant Structure and Function

Year 2, Semester 1
- ITB113 Systems Architecture
- ITB610 Software Development 3
- ITB624 Internetworking
- LSB142 Human Anatomy and Physiology
- Either
- PCB140 Introductory Chemistry
- Or
- PCB142 Chemistry 1

Year 2, Semester 2
- ITB627 Network Technologies
- ITB629 Network Services
- MAB101 Statistical Data Analysis 1
- PCB242 Chemistry 2

Year 3, Semester 1
- ITB613 Advanced Programming Laboratory
- LSB508 Advanced Metabolism
- LSB527 Biomedical Research Technologies

Year 3, Semester 2
- LSB609 Medical Biotechnology 2
- LSB619 Genomics & Bioinformatics

Year 4, Semester 1
- ITB613 Advanced Programming Laboratory
- LSB509 Medical Biotechnology
- LSB537 Genetic Engineering

Year 4, Semester 2
- LSB609 Medical Biotechnology 2
- LSB619 Genomics & Bioinformatics
**Course structure - Major in Ecology**

**Year 1, Semester 1**
- ITB111 Software Development 1
- ITB115 Introduction to Databases
- NRB100 Environmental Science
- PCB101 Physical Science
- PCB505 Advanced Physical Chemistry
- PCG102 Basic Chemistry

**Year 2, Semester 1**
- ITB111 Software Development 2
- ITB118 ICT Systems Life Cycle
- KRB230 Plant and Animal Structure and Function
- KRB240 History of Life on Earth
- KRB250 Environmental Modelling

**Year 3, Semester 1**
- ITB116 Computer Architecture
- KRB300 Environmental Monitoring
- KRB301 Population Ecology
- KRB302 Sedimentary Geology

**Year 4, Semester 1**
- KRB400 Environmental Systems
- KRB500 Environmental Modelling
- KRB501 Mapping and Modelling of Natural Resource Data

**Year 2, Semester 2**
- ITB111 Introduction to Databases
- KRB100 Mathematical Sciences 1A
- KRB230 Plant Earth
- KRB240 History of Life on Earth
- KRB250 Environmental Modelling

**Year 3, Semester 2**
- KRB112 Software Development 2
- KRB114 Networking Systems
- KRB118 ICT Systems Life Cycle
- KRB100 Environmental Science
- KRB230 Plant and Animal Structure and Function

**Year 4, Semester 2**
- KRB116 Computer Architecture
- KRB300 Environmental Monitoring
- KRB301 Population Ecology
- KRB331 Sedimentary Geology
- KRB333 Mineralogy

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**Course structure - Major in Geoscience**

**Year 1, Semester 1**
- ITB111 Software Development 1
- ITB115 Introduction to Databases
- MAB100 Mathematical Sciences 1A
- KRB230 Plant Earth
- KRB240 History of Life on Earth

**Year 2, Semester 1**
- ITB112 Software Development 2
- ITB114 Networking Systems
- ITB118 ICT Systems Life Cycle
- KRB100 Mathematical Sciences 1A
- KRB230 Plant and Animal Structure and Function

**Year 3, Semester 1**
- ITB116 Computer Architecture
- KRB300 Environmental Monitoring
- KRB301 Population Ecology
- KRB331 Sedimentary Geology
- KRB333 Mineralogy

**Year 4, Semester 1**
- KRB112 Software Development 2
- KRB114 Networking Systems
- KRB118 ICT Systems Life Cycle
- KRB100 Mathematical Sciences 1A
- KRB230 Plant Earth

**Year 2, Semester 2**
- ITB111 Introduction to Databases
- KRB100 Mathematical Sciences 1A
- KRB230 Plant Earth
- KRB240 History of Life on Earth
- KRB250 Environmental Modelling

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**Course structure - Major in Environmental Science**

**Year 1, Semester 1**
- ITB111 Software Development 1
- ITB115 Introduction to Databases
- NRB100 Environmental Science
- PCB101 Physical Science

**Year 2, Semester 1**
- ITB112 Software Development 2
- ITB114 Networking Systems
- ITB118 ICT Systems Life Cycle
- KSB118 Life Science
- KRB240 History of Life on Earth

**Year 3, Semester 1**
- ITB113 Systems Architecture
- ITB610 Software Development 3
- ITB624 Internetworking
- MAB101 Statistical Data Analysis 1
- Either

**Year 3, Semester 2**
- KRB116 Computer Architecture
- KRB300 Environmental Monitoring
- KRB301 Population Ecology
- KRB331 Sedimentary Geology
- KRB333 Mineralogy
UNIVERSITY-WIDE AND INTERFACULTY COURSES

Year 3, Semester 2
ITB611 Object Technology
ITB612 Software Engineering Principles
NRB434 Structural Geology and Field Methods
NRB436 Introduction to Igneous and Metamorphic Petrology

Year 4, Semester 1
ITB613 Advanced Programming Laboratory
ITB6xx IT Elective Unit selected from list
Two units from
NRB533 Advanced Geological Mapping
NRB534 Geophysics
NRB536 Petrology and Geochemistry

Note: The major component in assessment and teaching of NRB533 is conducted as a field program during July

Year 4, Semester 2
ITB611 Object Technology
ITB612 Software Engineering Principles
NRB434 Structural Geology and Field Methods
NRB436 Introduction to Igneous and Metamorphic Petrology

Year 3, Semester 1
ITB613 Advanced Programming Laboratory
IT Elective Unit selected from list
Two units from
LSB408 Metabolism
LSB428 Microbiology 2

Year 3, Semester 2
ITB611 Object Technology
ITB612 Software Engineering Principles
ITB613 Advanced Programming Laboratory
IT Elective Unit selected from list
Two units from
LSB528 Environmental Microbiology
LSB547 Bacterial Pathogenesis and Disease Diagnosis
LSB568 Electron Microscopy

Year 4, Semester 2
IT Elective Unit selected from list
IT Elective Unit selected from list
Two units from
LSB628 Food Microbiology
LSB647 Clinical Mycology and Parasitology
LSB648 Molecular Microbiology

Course structure - Major in Microbiology

Year 1, Semester 1
ITB111 Software Development 1
ITB115 Introduction to Databases
LSB118 Life Science
PCB101 Physical Science
Year 1, Semester 2
ITB112 Software Development 2
ITB114 Networking Systems
ITB118 ICT Systems Life Cycle
LSB238 Cell and Molecular Biology 1
NRB270 Animal and Plant Structure and Function

Year 2, Semester 1
ITB111 Systems Architecture
ITB610 Software Development 3
ITB624 Internetworking
MAB134 Electrical Engineering Mathematics 3
PCB107 Physics and Quantitative Techniques

Year 2, Semester 2
ITB627 Network Technologies
ITB629 Network Services
MAB101 Statistical Data Analysis 1
PCB250 Physics 1
PCB260 Physics 1A

Year 3, Semester 1
ITB616 Computer Architecture
PCB242 Chemistry 2

Year 3, Semester 2
IT Elective Unit selected from list
IT Elective Unit selected from list
Two units from
LSB528 Environmental Microbiology
LSB547 Bacterial Pathogenesis and Disease Diagnosis
LSB568 Electron Microscopy

Year 4, Semester 1
ITB613 Advanced Programming Laboratory
ITB626 Management of Network Systems
ITB640 Artificial Intelligence
ITB641 Component and Network Applications
ITB642 Web Application Development
ITB643 Unix Systems Programming
ITB644 Windows Administration
ITB645 Network Security
ITB646 Cryptographic Fundamentals
ITB648 Graphics

Bachelor of Applied Science/Bachelor of Laws (IF39)

Award title: Bachelor of Applied Science (Study Area A)/Bachelor of Laws
CRICOS code: 012661G
Location: Gardens Point
Course duration (full-time): 5 Years
Total credit points: 528 (Note: The minimum course load per semester required for full-time enrolment may be more than 36 credit points)

Standard credit points per semester (full-time): 60 (years 1 and 4), 48 (years 2, 3 and 5)

Course coordinator: Dr Megan Hargreaves (Science); Director, Undergraduate Programs (Law)

Course Structure
The course is designed to cover all major areas of the law as well as allowing students to choose any one of the science majors that are offered in the Bachelor of Applied Science (SC01) course.

The science majors are Biochemistry, Biotechnology, Chemistry, Ecology, Environmental Science, Geoscience, Mathematics, Microbiology or Physics. See the Bachelor of Applied Science (SC01) course information for more details. So that students can complete the double degree in a shorter period of time, the co-major will be taken from the law program therefore it is not possible for students to choose any of the co-majors listed under the Bachelor of Applied Science course.

The science units are taken in conjunction with law units in the first three years, with the fourth and fifth years of the course normally consisting entirely of law units.

Professional Recognition
Graduates will satisfy the requirements of membership in the relevant professional body for their chosen science major. See the Bachelor of Applied Science (SC01) course for details. The Bachelor of Laws component covers the areas of law required for admission as a solicitor and/or barrister in all Australian states and territories.

Course structure - Major in Biochemistry

**Year 1, Semester 1**
- LSB118 Life Science
- LWB141 Legal Institutions and Method
- LWB142 Law, Society and Justice
- MAB101 Statistical Data Analysis 1
- PCB101 Physical Science

**Year 1, Semester 2**
- LSB238 Cell and Molecular Biology 1
- LWB143 Legal Research and Writing
- LWB144 Laws and Global Perspectives
- NRB270 Animal and Plant Structure and Function

**Year 2, Semester 1**
- LSB308 Biochemistry
- LSB338 Cell and Molecular Biology 2
- LWB136 Contracts A
- PCB242 Chemistry 2

**Year 2, Semester 2**
- LSB258 Principles of Human Physiology
- LSB408 Metabolism
- LSB468 Molecular Biology
- LWB137 Contracts B

**Year 3, Semester 1**
- LSB599 Medical Biotechnology
- LSB537 Genetic Engineering
- LWB138 Fundamentals Of Torts
- LWB238 Fundamentals Of Criminal Law

**Year 3, Semester 2**
- LSB609 Medical Biotechnology 2
- LSB619 Genomics & Bioinformatics
- LWB139 Select Issues In Torts
- LWB239 Criminal Responsibility

**Year 4, Semester 1**
- LWB231 Introduction To Public Law
- LWB236 Real Property A
- LWB240 Principles Of Equity
- LSB332 Commercial and Personal Property Law

**Year 4, Semester 2**
- LWB225 Australian Federal Constitutional Law
- LWB237 Real Property B
- LWB241 Trusts
- LWB331 Administrative Law
- LWB334 Corporate Law

**Year 5, Semester 1**
- LWB431 Civil Procedure
- LWB432 Evidence
- LWB433 Professional Responsibility

**Course structure - Major in Biotechnology [Medical Strand]**

**Year 1, Semester 1**
- LWB139 Select Issues In Torts
- LSB619 Genomics & Bioinformatics
- LWB139 Select Issues In Torts
- PCB101 Physical Science
- MAB101 Statistical Data Analysis 1
- LWB142 Law, Society and Justice
- LWB141 Legal Institutions and Method
- LWB143 Legal Research and Writing
- LSB118 Life Science
- LSB238 Cell and Molecular Biology 1
- LWB136 Contracts A
- PCB242 Chemistry 2

**Year 2, Semester 1**
- LSB308 Biochemistry
- LSB338 Cell and Molecular Biology 2
- LWB136 Contracts A
- PCB242 Chemistry 2

**Year 2, Semester 2**
- LSB258 Principles of Human Physiology
- LSB408 Metabolism
- LSB468 Molecular Biology
- LWB137 Contracts B

**Year 3, Semester 1**
- LSB599 Medical Biotechnology
- LSB537 Genetic Engineering
- LWB138 Fundamentals Of Torts
- LWB238 Fundamentals Of Criminal Law

**Year 3, Semester 2**
- LSB609 Medical Biotechnology 2
- LSB619 Genomics & Bioinformatics
- LWB139 Select Issues In Torts
- LWB239 Criminal Responsibility

**Year 4, Semester 1**
- LWB231 Introduction To Public Law
- LWB236 Real Property A
- LWB240 Principles Of Equity
- LSB332 Commercial and Personal Property Law

**Year 4, Semester 2**
- LWB225 Australian Federal Constitutional Law
- LWB237 Real Property B
- LWB241 Trusts
- LWB331 Administrative Law
- LWB334 Corporate Law

**Year 5, Semester 1**
- LWB431 Civil Procedure
- LWB432 Evidence
- LWB433 Professional Responsibility

**Course structure - Major in Biotechnology [Plant Biotechnology Strand]**

**Year 1, Semester 1**
- Introduction to Legal Research #
LSB118 Life Science
LWB141 Legal Institutions and Method
LWB142 Law, Society and Justice
PCB101 Physical Science

Either
PCB140 Introductory Chemistry

Or
PCB142 Chemistry 1

**Year 1, Semester 2**
LSB238 Cell and Molecular Biology 1
LWB143 Legal Research and Writing
LWB144 Laws and Global Perspectives
NRB270 Animal and Plant Structure and Function
PCB242 Chemistry 2

**Year 2, Semester 1**
LSB308 Biochemistry
LSB338 Cell and Molecular Biology 2
LSB397 Plant Physiology
LWB136 Contracts A

Either
PCB140 Introductory Chemistry
Or
PCB142 Chemistry 1

**Year 1, Semester 2**
LSB238 Cell and Molecular Biology 1
LWB143 Legal Research and Writing
LWB144 Laws and Global Perspectives
NRB270 Animal and Plant Structure and Function
PCB242 Chemistry 2

**Year 2, Semester 1**
LSB308 Biochemistry
LSB338 Cell and Molecular Biology 2
LSB397 Plant Physiology
LWB136 Contracts A

**Year 2, Semester 2**
LSB468 Molecular Biology
LSB497 Plant Molecular Biology
LWB137 Contracts B
MAB101 Statistical Data Analysis 1

**Year 3, Semester 1**
LSB537 Genetic Engineering
LSB577 Plant Biotechnology 1
LWB138 Fundamentals Of Torts
LWB238 Fundamentals Of Criminal Law

**Year 3, Semester 2**
LSB619 Genomics & Bioinformatics
LSB677 Plant Biotechnology 2
LWB139 Select Issues In Torts
LWB239 Criminal Responsibility

**Year 4, Semester 1**
LWB231 Introduction To Public Law
LWB236 Real Property A
LWB240 Principles Of Equity
LWB332 Commercial and Personal Property Law
LWB333 Theories Of Law

**Year 4, Semester 2**
LWB235 Australian Federal Constitutional Law
LWB237 Real Property B
LWB241 Trusts
LWB331 Administrative Law
LWB334 Corporate Law

**Year 5, Semester 1**
LWB431 Civil Procedure
LWB432 Evidence
LWB434 Advanced Research and Legal Reasoning

**Course structure - Major in Chemistry**

**Year 1, Semester 1**
Introduction to Legal Research #
LSB118 Life Science
LWB141 Legal Institutions and Method
LWB142 Law, Society and Justice
MAB100 Mathematical Sciences 1A
NRB100 Environmental Science
PCB101 Physical Science

**Year 2, Semester 1**
LWB235 Australian Federal Constitutional Law
LWB237 Real Property B
LWB241 Trusts
LWB331 Administrative Law
LWB334 Corporate Law

**Year 3, Semester 1**
LWB537 Genetic Engineering
LSB577 Plant Biotechnology 1
LWB138 Fundamentals Of Torts
LWB238 Fundamentals Of Criminal Law

**Year 3, Semester 2**
LSB619 Genomics & Bioinformatics
LSB677 Plant Biotechnology 2
LWB139 Select Issues In Torts
LWB239 Criminal Responsibility

**Year 4, Semester 1**
LWB231 Introduction To Public Law
LWB236 Real Property A
LWB240 Principles Of Equity
LWB332 Commercial and Personal Property Law
LWB333 Theories Of Law

**Year 4, Semester 2**
LWB235 Australian Federal Constitutional Law
LWB237 Real Property B
LWB241 Trusts
LWB331 Administrative Law
LWB334 Corporate Law

**Year 5, Semester 1**
LWB431 Civil Procedure
LWB432 Evidence
LWB434 Advanced Research and Legal Reasoning

**Elective Units * **

**Course structure - Major in Ecology**

**Year 1, Semester 1**
Introduction to Legal Research #
LSB118 Life Science
LWB141 Legal Institutions and Method
LWB142 Law, Society and Justice
MAB100 Mathematical Sciences 1A
NRB100 Environmental Science
PCB101 Physical Science

**Year 2, Semester 1**
LWB235 Australian Federal Constitutional Law
LWB237 Real Property B
LWB241 Trusts
LWB331 Administrative Law
LWB334 Corporate Law

**Year 3, Semester 1**
LWB537 Genetic Engineering
LSB577 Plant Biotechnology 1
LWB138 Fundamentals Of Torts
LWB238 Fundamentals Of Criminal Law

**Year 3, Semester 2**
LSB619 Genomics & Bioinformatics
LSB677 Plant Biotechnology 2
LWB139 Select Issues In Torts
LWB239 Criminal Responsibility

**Year 4, Semester 1**
LWB231 Introduction To Public Law
LWB236 Real Property A
LWB240 Principles Of Equity
LWB332 Commercial and Personal Property Law
LWB333 Theories Of Law

**Year 4, Semester 2**
LWB235 Australian Federal Constitutional Law
LWB237 Real Property B
LWB241 Trusts
LWB331 Administrative Law
LWB334 Corporate Law

**Year 5, Semester 1**
LWB431 Civil Procedure
LWB432 Evidence
LWB434 Advanced Research and Legal Reasoning

**Elective Units * **

**Course structure - Major in Chemistry**

**Year 1, Semester 1**
Introduction to Legal Research #
LSB118 Life Science
LWB141 Legal Institutions and Method
LWB142 Law, Society and Justice
MAB100 Mathematical Sciences 1A
NRB100 Environmental Science
PCB101 Physical Science

**Year 2, Semester 1**
LWB235 Australian Federal Constitutional Law
LWB237 Real Property B
LWB241 Trusts
LWB331 Administrative Law
LWB334 Corporate Law

**Year 3, Semester 1**
LWB537 Genetic Engineering
LSB577 Plant Biotechnology 1
LWB138 Fundamentals Of Torts
LWB238 Fundamentals Of Criminal Law

**Year 3, Semester 2**
LSB619 Genomics & Bioinformatics
LSB677 Plant Biotechnology 2
LWB139 Select Issues In Torts
LWB239 Criminal Responsibility

**Year 4, Semester 1**
LWB231 Introduction To Public Law
LWB236 Real Property A
LWB240 Principles Of Equity
LWB332 Commercial and Personal Property Law
LWB333 Theories Of Law

**Year 4, Semester 2**
LWB235 Australian Federal Constitutional Law
LWB237 Real Property B
LWB241 Trusts
LWB331 Administrative Law
LWB334 Corporate Law

**Year 5, Semester 1**
LWB431 Civil Procedure
LWB432 Evidence
LWB434 Advanced Research and Legal Reasoning

**Elective Units * **

**Course structure - Major in Ecology**

**Year 1, Semester 1**
Introduction to Legal Research #
LSB118 Life Science
LWB141 Legal Institutions and Method
LWB142 Law, Society and Justice
MAB100 Mathematical Sciences 1A
NRB100 Environmental Science
PCB101 Physical Science

**Year 2, Semester 1**
LWB235 Australian Federal Constitutional Law
LWB237 Real Property B
LWB241 Trusts
LWB331 Administrative Law
LWB334 Corporate Law

**Year 3, Semester 1**
LWB537 Genetic Engineering
LSB577 Plant Biotechnology 1
LWB138 Fundamentals Of Torts
LWB238 Fundamentals Of Criminal Law

**Year 3, Semester 2**
LSB619 Genomics & Bioinformatics
LSB677 Plant Biotechnology 2
LWB139 Select Issues In Torts
LWB239 Criminal Responsibility

**Year 4, Semester 1**
LWB231 Introduction To Public Law
LWB236 Real Property A
LWB240 Principles Of Equity
LWB332 Commercial and Personal Property Law
LWB333 Theories Of Law

**Year 4, Semester 2**
LWB235 Australian Federal Constitutional Law
LWB237 Real Property B
LWB241 Trusts
LWB331 Administrative Law
LWB334 Corporate Law

**Year 5, Semester 1**
LWB431 Civil Procedure
**UNIVERSITY-WIDE AND INTERFACULTY COURSES**

<table>
<thead>
<tr>
<th>Course structure - Major in Environmental Science</th>
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<td><strong>Year 1, Semester 1</strong></td>
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<td>NRB100 Environmental Science</td>
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<td>NRB230 Planet Earth</td>
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<td>NRB300 Environmental Monitoring</td>
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<td>NRB633 Hydrogeology</td>
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<td>NRB311 Population Ecology</td>
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<td>NRB370 Invertebrate Biology</td>
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<td>NRB371 Plant Biology</td>
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<td>NRB633 Hydrogeology</td>
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<td>NRB635 Plate Tectonics and Advanced Structural Geology</td>
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<td>NRB636 Stratigraphy and Basin Analysis</td>
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<td>LWB333 Theories Of Law</td>
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<td><strong>Year 5, Semester 2</strong></td>
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<td>MAB101 Statistical Data Analysis 1</td>
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<td>MAB220 Computational Mathematics 1</td>
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MAB312 Linear Algebra
MAB313 Mathematics of Finance
MAB314 Statistical Modelling 2
* Students must complete at least one of MAB311, MAB312, MAB413

Year 2, Semester 2
LWB137 Contracts B
Three Level 2 Mathematics units* - available units are:
MAB315 Operations Research 2
MAB413 Differential Equations
MAB414 Applied Statistics 2
MAB420 Computational Mathematics 2
MAB422 Mathematical Modelling
* Students must complete at least one of MAB311, MAB312, MAB413

Year 3, Semester 1
LWB138 Fundamentals Of Torts
LWB238 Fundamentals Of Criminal Law
Two Level 3 Mathematics units - available units are:
MAB521 Applied Mathematics 3
MAB522 Computational Mathematics 3
MAB523 Introduction to Quality Management
MAB525 Operations Research 3A
MAB526 Statistical Science 3
MAB672 Advanced Mathematical Modelling
* Students must complete at least one of MAB311, MAB312, MAB413

Year 3, Semester 2
LWB139 Select Issues In Torts
LWB239 Criminal Responsibility
Two Level 3 Mathematics units - available units are:
MAB524 Statistical Inference
MAB613 Partial Differential Equations
MAB621 Discrete Mathematics
MAB623 Financial Mathematics
MAB624 Applied Statistics 3
MAB625 Operations Research 3B

Year 4, Semester 1
LWB231 Introduction To Public Law
LWB236 Real Property A
LWB240 Principles Of Equity
LWB332 Commercial and Personal Property Law
LWB333 Theories Of Law

Year 4, Semester 2
LWB235 Australian Federal Constitutional Law
LWB237 Real Property B
LWB241 Trusts
LWB331 Administrative Law
LWB334 Corporate Law

Year 5, Semester 1
LWB431 Civil Procedure
LWB432 Evidence
LWB434 Advanced Research and Legal Reasoning

Year 5, Semester 2
LWB433 Professional Responsibility

Elective Units *

Course structure - Major in Mathematics [WITHOUT Mathematics C from Senior]

Year 1, Semester 1
Introduction to Legal Research #
LWB141 Legal Institutions and Method
LWB142 Law, Society and Justice
MAB100 Mathematical Sciences 1A
MAB101 Statistical Data Analysis 1

Year 1, Semester 2
LWB143 Legal Research and Writing
LWB144 Laws and Global Perspectives
MAB111 Mathematical Sciences 1B
MAB112 Mathematical Sciences 1C
MAB210 Statistical Modelling 1

Year 2, Semester 1
LWB136 Contracts A
MAB220 Computational Mathematics 1
One Science unit - selected from:
LSB118 Life Science
NRB100 Environmental Science
PCB101 Physical Science
Three Level 2 Mathematics units* - available units are:
MAB311 Advanced Calculus
MAB312 Linear Algebra
MAB313 Mathematics of Finance
MAB314 Statistical Modelling 2
* Students must complete at least one of MAB311, MAB312, MAB413

Year 2, Semester 2
LWB137 Contracts B
One Science unit - selected from:
LSB118 Life Science
PCB101 Physical Science

Year 3, Semester 1
LWB138 Fundamentals Of Torts
LWB238 Fundamentals Of Criminal Law
Two Level 3 Mathematics units - available units are:
MAB521 Applied Mathematics 3
MAB522 Computational Mathematics 3
MAB523 Introduction to Quality Management
MAB525 Operations Research 3A
MAB526 Statistical Science 3
MAB672 Advanced Mathematical Modelling
* Students must complete at least one of MAB311, MAB312, MAB413

Year 3, Semester 2
LWB139 Select Issues In Torts
LWB239 Criminal Responsibility
Two Level 3 Mathematics units - available units are:
MAB524 Statistical Inference
MAB613 Partial Differential Equations
MAB621 Discrete Mathematics
MAB623 Financial Mathematics
MAB624 Applied Statistics 3
MAB625 Operations Research 3B

Year 4, Semester 1
LWB231 Introduction To Public Law
LWB236 Real Property A
LWB240 Principles Of Equity
LWB332 Commercial and Personal Property Law
LWB333 Theories Of Law

Year 4, Semester 2
LWB235 Australian Federal Constitutional Law
LWB237 Real Property B
LWB241 Trusts
LWB331 Administrative Law
LWB334 Corporate Law

Year 5, Semester 1
LWB431 Civil Procedure
LWB432 Evidence
LWB434 Advanced Research and Legal Reasoning

Year 5, Semester 2
LWB433 Professional Responsibility
Elective Units *

Course structure - Major in Microbiology

Year 1, Semester 1
Introduction to Legal Research #
LSB118 Life Science
LWB141 Legal Institutions and Method
LWB142 Law, Society and Justice
MAB100 Mathematical Sciences 1A
MAB101 Statistical Data Analysis 1
PCB101 Physical Science

Year 1, Semester 2
LSB238 Cell and Molecular Biology 1
LWB143 Legal Research and Writing
LWB144 Laws and Global Perspectives
NRB270 Animal and Plant Structure and Function
Either
PCB140 Introductory Chemistry
Or
PCB142 Chemistry 1

Year 2, Semester 1
LSB308 Biochemistry
LSB328 Microbiology 1
LWB136 Contracts A
PCB242 Chemistry 2

Year 2, Semester 2
UNIVERSITY-WIDE AND INTERFACULTY COURSES

LSB258 Principles of Human Physiology
LSB428 Microbiology 2
LWB137 Contracts B
LWB408 Metabolism
LWB468 Molecular Biology

Year 3, Semester 1
LWB138 Fundamentals Of Torts
LWB238 Fundamentals Of Criminal Law
Two Level 3 units from the following:
LSB528 Environmental Microbiology
LSB547 Bacterial Pathogenesis and Disease Diagnosis
LSB568 Electron Microscopy
LWB578 Virology

Year 3, Semester 2
LWB139 Select Issues In Torts
LWB239 Criminal Responsibility
Two Level 3 units from the following:
LSB628 Food Microbiology
LSB647 Clinical Mycology and Parasitology
LSB648 Molecular Microbiology

Year 4, Semester 1
LWB231 Introduction To Public Law
LWB236 Real Property A
LWB240 Principles Of Equity
LWB332 Commercial and Personal Property Law
LWB333 Theories Of Law

Year 4, Semester 2
LWB235 Australian Federal Constitutional Law
LWB237 Real Property B
LWB241 Trusts
LWB331 Administrative Law
LWB334 Corporate Law

Year 5, Semester 1
LWB431 Civil Procedure
LWB432 Evidence
LWB433 Professional Responsibility
Elective Units *

Year 5, Semester 2
LWB434 Advanced Research and Legal Reasoning
Elective Units *

Footnotes for Law Units
# Introduction to Legal Research is a two (2) hour lecture conducted in the first week only of semester 1, 2004. It is designed to introduce students to the basics of legal research and provide an orientation to use of the Law Library. Students will be expected to undertake a library exercise in LWB141 Legal Institutions and Method using the skills and information outlined in this lecture.
* Law Elective Units - In order to satisfy the requirements for the Bachelor of Laws component of the double degree, a student is required to complete a total of 48 credit points of elective units.

Bachelor of Arts/Bachelor of Applied Science (IF86)
Award title: Bachelor of Arts/Bachelor of Applied Science (Study Area A)
CRICOS code: 031581F
Location: Gardens Point and Carseldine
Course duration (full-time): 4 Years
Total credit points: 384 (192 cp in the Bachelor of Arts {Humanities} and 192 cp in the Bachelor of Applied Science)
Course coordinator: Dr John Synott (Humanities); Dr Megan Hargreaves (Science)

Course Design
A feature of the course design is the flexibility and choice it offers. Students can tailor the double degree to their career interests by combining any one of the majors that are available in the Bachelor of Applied Science (SC01) degree with a specialisation chosen from a wide range of offerings in the humanities.

The majors available in the science degree are Biochemistry, Biotechnology, Chemistry, Ecology, Environmental Science, Geoscience, Mathematics, Microbiology or Physics. See the Bachelor of Applied Science (SC01) course information for more details. So that students can complete the double degree in a shorter period of time, co-majors are to be taken from the arts component degrees, the award is recognised by professional bodies in both Arts and Science. Relevant professional bodies for the Bachelor of Applied Science (SC01) are listed under the separate entry for the course. Eligibility for membership depends on the majors undertaken.

BA Course Requirements - Commencing Students
BA Course Requirements - Commencing Students
Students are required to complete:
- One Interdisciplinary Professional Major (1 core unit + 6 units in the major)
It is suggested that students complete the Core Units Program consisting of the following:

- Two core units in first semester (from a selection of core introductory and core skills units)
  (Note: one of the core introductory units will sit within the chosen Interdisciplinary Professional Major)
- Year Two: research methods unit. Students are advised to take at least two of these units.

In making these decisions, students should consider the structure of the Discipline Studies Sequences and/or Minors they may be planning to undertake. (see below)

**Course requirements - Continuing Students**

**Course Requirements for Bachelor of Arts**

**YEARS 1 and 2**

Students are required to complete 8 units including:

- HHB116 Applied Skills and Scholarship
- Two Foundation Units (if students have not already completed two Faculty Foundation Units as part of the BA component of the student course)
- Two to three Course Foundation Units
- Two to three Elective Units

NB A minimum of 4 of these 8 units must be chosen from units in the BA component of the double degree ie HHB coded units).

**YEARS 3 and 4**

Students are required to do a further 8 units to complete:

- One Major Study Sequence from those offered in the BA component, and
- One Minor Study Sequence chosen from those offered in the BA component (ie HHB coded units) or from other Minor Study Sequences offered elsewhere within QUT.

NOTE: A minimum of 12 of the 16 units must be chosen from units in the BA.

**BA Course Requirements - Commencing Students**

Students must maintain a minimum of 50% enrolment in units from the BA program until they have completed eight of these units (96 credit points).

Students may wish to

- develop a Minor (48 credit points) in one of the interdisciplinary professional areas
- develop a Minor (48 credit points) in a disciplinary study sequence or in another QUT course
- take a series of elective units.

Students wishing to complete a full discipline studies sequence (6 units) will need to amend their core units program.

Students planning to complete a full Language sequence (6 units) will need to discuss their program with the relevant Course Coordinator in order to ensure that they begin their Language studies in first semester and that their language units can be continued into their third year.

NB: Students are required to complete 16 units in the BA component of the double degree. Of these 12 must be BA units ie HHB coded units.

**Interdisciplinary Professional Majors**

For details, refer to the Bachelor of Arts (HH01) entry in the Humanities and Human Services section.

**Discipline Sequences**

For details, refer to the Bachelor of Arts (HH01) entry in the Humanities and Human Services section.

**Minor Study Sequences**

For details, refer to the Co-Majors list in the Bachelor of Arts (HH01) entry in the Humanities and Human Services section as these co-majors are able to be taken as Minors.

(Example of Full-Time Course Structure for Commencing Students)

**Year 1, Semester 1**
- Core unit (major)
- Core unit (major)
- Two Science units (SC01 Level 1)

**Year 1, Semester 2**
- Major unit
- Major unit
- Two Science units (SC01 Level 1)

**Year 2, Semester 1**
- Core unit (major or skills)
- Core unit (major or skills)
- Two Science units (SC01 Levels 1 and 2)

**Year 2, Semester 2**
- Major unit
- Minor unit
- Two Science Units (SC01 Levels 1 and 2)

**Year 3, Semester 1**
- Major unit
- Core unit (research methods)
- Two Science units (SC01 Level 2)

**Year 3, Semester 2**
- Minor unit
- Core unit (research methods)
- Two Science units (SC01 Level 3)

**Year 4, Semester 1**
- Major unit
- Minor unit
- Two Science units (SC01 Level 3)

**Year 4, Semester 2**
- Major unit
- Minor unit
- Two Science units (SC01 Level 3)

**CORE PROGRAM - BA Students**

This core program for the degree consists of the following selection of units:

**First Year Core: Core Units for Professional Majors**

- INTERNATIONAL AND GLOBAL STUDIES
  - HHB110 Introduction to International and Global Studies
  - HHB107 World Regions
- SOCIETY AND CHANGE
  - HHB105 Exploring Change
  - HHB104 Understanding Society: Introduction to Sociology
- ETHICS AND HUMAN RIGHTS
  - HHB114 Introduction To Human Rights and Ethics
  - HHB115 Human Identity and Change
- COMMUNITY STUDIES
  - HHB106 Australian Society and Culture
  - HHB103 Contemporary Social and Community Issues

**First Year Core: Skills Units**

- HHB116 Applied Skills and Scholarship
- HHB117 Introduction To Social Research Methods

**Second Year Core: Research Methods**

- HHB224 Qualitative Research Methods
- HHB232 Survey Methods
- HHB121 Interpreting The Past
- HHB312 Geographical Research Design

**Course structure - Major in Biochemistry**

**Year 1, Semester 1**
- LSB118 Life Science
- PCB101 Physical Science

**Year 1, Semester 2**
- LSB238 Cell and Molecular Biology 1
  - Either
  - PCB140 Introductory Chemistry
  - Or
  - PCB142 Chemistry 1

**Year 2, Semester 1**
- MAB101 Statistical Data Analysis 1
- PCB242 Chemistry 2

**Year 2, Semester 2**
- LSB258 Principles of Human Physiology
- NRB270 Animal and Plant Structure and Function

**Year 3, Semester 1**
- LSB308 Biochemistry
- LSB338 Cell and Molecular Biology 2
### UNIVERSITY-WIDE AND INTERFACULTY COURSES

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#### Course structure - Major in Biotechnology (Medical Strand)

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#### Course structure - Major in Biotechnology (Plant Biotechnology Strand)

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#### Course structure - Major in Chemistry

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#### Course structure - Major in Ecology

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#### Course structure - Major in Environmental Science

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### Course structure - Major in Geoscience

**Year 1, Semester 1**  
MAB100 Mathematical Sciences 1A  
NRB250 Planet Earth

**Year 1, Semester 2**  
MAB101 Statistical Data Analysis 1  
PCB101 Physical Science

**Year 2, Semester 1**  
NRB100 Environmental Science  
Either  
PCB140 Introductory Chemistry  
Or  
PCB142 Chemistry 1

**Year 2, Semester 2**  
MAB101 Statistical Data Analysis 1  
MAB111 Mathematical Sciences 1B  
MA112 Mathematical Sciences 1C

**Year 3, Semester 1**  
NRB331 Sedimentary Geology  
NRB333 Mineralogy  
NRB434 Structural Geology and Field Methods  
NRB436 Introduction to Igneous and Metamorphic Petrology

**Year 4, Semester 1**  
Two units from  
NRB533 Advanced Geological Mapping  
NRB534 Geophysics  
NRB536 Petrology and Geochemistry  
Note: The major component in assessment and teaching of MAB533 is conducted as a field program during July

**Year 4, Semester 2**  
Two units from  
NRB633 Hydrogeology  
NRB635 Plate Tectonics and Advanced Structural Geology  
NRB636 Stratigraphy and Basin Analysis

### Course structure - Major in Geoscience (WITH Mathematics C from Senior)

**Year 1, Semester 1**  
MAB101 Statistical Data Analysis 1  
MAB111 Mathematical Sciences 1B

**Year 1, Semester 2**  
MAB112 Mathematical Sciences 1C  
MAB210 Statistical Modelling 1

**Year 2, Semester 1**  
MAB220 Computational Mathematics 1  
One Science unit - selected from:  
LSB118 Life Science  
NRB100 Environmental Science  
PCB101 Physical Science

**Year 2, Semester 2**  
MAB210 Statistical Modelling 1  
One Science unit - selected from:  
LSB118 Life Science  
PCB101 Physical Science

**Year 3, Semester 1**  
Two Level 2 Mathematics units* - available units are:  
MAB311 Advanced Calculus  
MAB312 Linear Algebra  
MAB313 Mathematics of Finance  
MAB314 Statistical Modelling 2  
* Students must complete at least one of MAB311, MAB312, MAB413

**Year 3, Semester 2**  
Two Level 2 Mathematics units* - available units are:  
MAB315 Operations Research 2  
MAB413 Differential Equations  
MAB414 Applied Statistics 2  
MAB420 Computational Mathematics 2  
MAB422 Mathematical Modelling  
* Students must complete at least one of MAB311, MAB312, MAB413

**Year 4, Semester 1**  
Two Level 3 Mathematics units - available units are:  
MAB524 Statistical Inference  
MAB613 Partial Differential Equations  
MAB621 Discrete Mathematics  
MAB623 Financial Mathematics  
MAB624 Applied Statistics 3  
MAB625 Operations Research 3B

**Year 4, Semester 2**  
Two Level 3 Mathematics units - available units are:  
MAB524 Statistical Inference  
MAB613 Partial Differential Equations  
MAB621 Discrete Mathematics  
MAB623 Financial Mathematics  
MAB624 Applied Statistics 3  
MAB625 Operations Research 3B

### Course structure - Major in Mathematics (WITHOUT Mathematics C from Senior)

**Year 1, Semester 1**  
MAB100 Mathematical Sciences 1A  
MAB101 Statistical Data Analysis 1

**Year 1, Semester 2**  
MAB111 Mathematical Sciences 1B  
MAB112 Mathematical Sciences 1C  
MAB210 Statistical Modelling 1

**Year 2, Semester 1**  
MAB220 Computational Mathematics 1  
One Science unit - selected from:  
LSB118 Life Science  
NRB100 Environmental Science  
PCB101 Physical Science

**Year 2, Semester 2**  
MAB210 Statistical Modelling 1  
One Science unit - selected from:  
LSB118 Life Science  
PCB101 Physical Science

**Year 3, Semester 1**  
Two Level 2 Mathematics units* - available units are:  
MAB311 Advanced Calculus  
MAB312 Linear Algebra  
MAB313 Mathematics of Finance  
MAB314 Statistical Modelling 2  
* Students must complete at least one of MAB311, MAB312, MAB413

**Year 3, Semester 2**  
Two Level 2 Mathematics units* - available units are:  
MAB315 Operations Research 2  
MAB413 Differential Equations  
MAB414 Applied Statistics 2  
MAB420 Computational Mathematics 2  
MAB422 Mathematical Modelling  
* Students must complete at least one of MAB311, MAB312, MAB413

**Year 4, Semester 1**  
Two Level 3 Mathematics units - available units are:  
MAB524 Statistical Inference  
MAB613 Partial Differential Equations  
MAB621 Discrete Mathematics  
MAB623 Financial Mathematics  
MAB624 Applied Statistics 3  
MAB625 Operations Research 3B

**Year 4, Semester 2**  
Two Level 3 Mathematics units - available units are:  
MAB524 Statistical Inference  
MAB613 Partial Differential Equations  
MAB621 Discrete Mathematics  
MAB623 Financial Mathematics  
MAB624 Applied Statistics 3  
MAB625 Operations Research 3B

### Course structure - Major in Mathematics (WITH Mathematics C from Senior)

**Year 1, Semester 1**  
MAB101 Statistical Data Analysis 1  
MAB111 Mathematical Sciences 1B

**Year 1, Semester 2**  
MAB112 Mathematical Sciences 1C  
MAB210 Statistical Modelling 1

**Year 2, Semester 1**  
MAB220 Computational Mathematics 1  
One Science unit - selected from:  
LSB118 Life Science  
NRB100 Environmental Science  
PCB101 Physical Science

**Year 2, Semester 2**  
MAB210 Statistical Modelling 1  
One Science unit - selected from:  
LSB118 Life Science  
PCB101 Physical Science

**Year 3, Semester 1**  
Two Level 2 Mathematics units* - available units are:  
MAB311 Advanced Calculus  
MAB312 Linear Algebra  
MAB313 Mathematics of Finance  
MAB314 Statistical Modelling 2  
* Students must complete at least one of MAB311, MAB312, MAB413

**Year 3, Semester 2**  
Two Level 2 Mathematics units* - available units are:  
MAB315 Operations Research 2  
MAB413 Differential Equations  
MAB414 Applied Statistics 2  
MAB420 Computational Mathematics 2  
MAB422 Mathematical Modelling  
* Students must complete at least one of MAB311, MAB312, MAB413

**Year 4, Semester 1**  
Two Level 3 Mathematics units - available units are:  
MAB524 Statistical Inference  
MAB613 Partial Differential Equations  
MAB621 Discrete Mathematics  
MAB623 Financial Mathematics  
MAB624 Applied Statistics 3  
MAB625 Operations Research 3B

**Year 4, Semester 2**  
Two Level 3 Mathematics units - available units are:  
MAB524 Statistical Inference  
MAB613 Partial Differential Equations  
MAB621 Discrete Mathematics  
MAB623 Financial Mathematics  
MAB624 Applied Statistics 3  
MAB625 Operations Research 3B

### Course structure - Major in Microbiology

**Year 1, Semester 1**  
LSB118 Life Science  
PCB101 Physical Science  
Or  
NRB100 Environmental Science

**Year 1, Semester 2**  
LSB238 Cell and Molecular Biology 1  
Either  
PCB140 Introductory Chemistry  
Or  
PCB142 Chemistry 1

**Year 2, Semester 1**  
MAB101 Statistical Data Analysis 1  
PCB242 Chemistry 2

**Year 2, Semester 2**  
LSB258 Principles of Human Physiology  
NRB270 Animal and Plant Structure and Function

**Year 3, Semester 1**
UNIVERSITY-WIDE AND INTERFACULTY COURSES

• Banking and Finance: Australasian Institute of Banking and Finance (AIBF).
• Economics: Economic Society of Australia (Queensland Division).

Course Design
Students are required to complete 432 credit points comprised of 192 credit points from the Bachelor of Arts program and 240 credit points from the Bachelor of Business program. Students supplement the Arts component of this program with the 96 credit point faculty core units in the Bachelor of Business program together with a 72 point credit point major, and a further 72 credit points in which the student must complete one of the following: double major, extended major or specialisation. Business majors available are: Accountancy, Advertising, Banking and Finance, Economics, Electronic Business, Human Resource Management, International Business, Management, Marketing and Public Relations.

BA Course Requirements - Commencing Students
BA Course Requirements (Years 1-4)
Students are required to complete:
• One Interdisciplinary Professional Major (1 core unit + 6 units in the major)

It is suggested that they complete the Core Units Program consisting of the following:
• Two core units in first semester (from a selection of core introductory and core skills units)
(Note: one of the core introductory units will sit within the chosen Interdisciplinary Professional Major).
• Year 2: research methods unit. Students are advised to take at least two of these units.
• Year 3: Workplace Internship (24 credit points)

In making these decisions, students should consider the structure of the Discipline Studies Sequences and/or Minors they may be planning to undertake.

Students must maintain a minimum of 50% enrolment in units from the BA program until they have completed eight of these units (96 credit points).

Students may wish to:
• develop a Minor (48 credit points) in one of the interdisciplinary professional areas
• develop a Minor (48 credit points) in a disciplinary study sequence or in another QUT course
• take a series of elective units.

Students wishing to complete a full discipline studies sequence (6 units) will need to amend their core units program.

Students planning to complete a full Language sequence (6 units) will need to discuss their program with the relevant Course Coordinator in order to ensure that they begin their Language studies in first semester and that their language units can be continued into their third year.

Students wishing to complete the Workplace Internship will need to discuss their program with the relevant Course Coordinator in order to ensure that the Internship can be located in their third year.

NB: Students are required to complete 16 units in the BA component of the double degree. Of these 12 must be BA units ie HHB coded units.

Interdisciplinary Professional Majors
For details, refer to the Bachelor of Arts (HH01).

Discipline Sequences
For details, refer to the Bachelor of Arts (HH01).
Minor Sequences
For details, refer to the Co-Majors entry in the Bachelor of Arts (HH01) entry as any of these are available to be taken as Minors.

Key Terms - BA
• Professional Major - one of four interdisciplinary study sequences in the BA degree (International and Global Studies, Society and Change, Ethics and Human Rights, Community Studies), consisting of one core unit plus six further units from the appropriate list (making a total of 84 credit points). Students must complete at least one of these to fulfil the requirements of the degree. NB - a unit may not be counted in more than one professional major, discipline sequence or minor.
• Discipline Sequence - a set of six units (72 credit points) in a given discipline (Geography, History, Languages, Social Science). In Languages, this consists of six sequenced units in one Language. In other disciplines the six units must include one introductory unit to the discipline.
• Minor Study Sequence - a study sequence of any four units (48 credit points) in a given subject area. NB - a unit may not be counted in more than one minor.
• Elective Units - units selected by students to fit into their study program.

Example of full-time Course structure
Year 1, Semester 1
Core Unit (Major)
HHB116 Applied Skills and Scholarship
Business Unit
Business Unit
Year 1, Semester 2
Major unit
Major Unit
Business Unit
Business Unit
Year 2, Semester 1
Core unit (major or skills)
Core unit (major or skills)
Business Unit
Business Unit
Year 2, Semester 2
Major unit
Minor unit
Business Unit
Business Unit
Year 3, Semester 1
Major unit
Core unit (research methods)
Business Unit
Business Unit
Year 3, Semester 2
Minor Unit
Core unit (research methods)
Business Unit
Business Unit
Year 4, Semester 1
Major unit
Minor unit
Business Unit
Business Unit
Year 4, Semester 2
Major unit
Minor unit
Business Unit
Business Unit
Year 5, Semester 1
Business Unit
Business Unit
Business Unit
Business Unit
Key Terms - BA
For details of key terms used in the BA, refer to the Bachelor of Arts (Humanities) HU22 course entry in the Humanities and Human Services section.

Arts Major/Minor Sequences
For details of foundation units, and major and minor sequences (Lists A, B and C), refer to the Bachelor of Arts (Humanities)(HH01) course entry in the Humanities and Human Services section.

Course structure - Accountancy (For students not seeking professional recognition)
Year 1, Semester 1
BSB110 Accounting
BSB113 Economics
Year 1, Semester 2
AYB121 Financial Accounting
BSB122 Business Information Analysis and Communication
Year 2, Semester 1
BSB111 Business Law and Ethics
BSB115 Management, People and Organisations
Year 2, Semester 2
BSB119 International and Electronic Business
BSB126 Marketing
Year 3, Semester 1
EFB101 Data Analysis for Business
Double Major / Specialisation Unit
Year 3, Semester 2
AYB221 Computerised Accounting Systems
Double Major / Specialisation Unit
Year 4, Semester 1
AYB220 Company Accounting
Double Major / Specialisation Unit
Year 4, Semester 2
AYB225 Management Accounting
Double Major / Specialisation Unit
Year 5, Semester 1
AYB301 Auditing
BSB114 Government, Business and Society
Double Major / Specialisation Unit
Double Major / Specialisation Unit

Course structure - Accountancy (For students seeking professional recognition)
Year 1, Semester 1
BSB110 Accounting
BSB113 Economics
Year 1, Semester 2
AYB121 Financial Accounting
BSB122 Business Information Analysis and Communication
Year 2, Semester 1
BSB111 Business Law and Ethics
BSB115 Management, People and Organisations
Year 2, Semester 2
BSB119 International and Electronic Business
BSB126 Marketing
Year 3, Semester 1
AYB221 Computerised Accounting Systems
AYB223 Law of Business Associations
Year 3, Semester 2
AYB220 Company Accounting
EFB101 Data Analysis for Business
Year 4, Semester 1
AYB225 Management Accounting
AYB311 Financial Accounting Issues
Year 4, Semester 2
AYB301 Auditing
AYB321 Strategic Management Accounting
AYB325 Taxation Law
EFB102 Economics 2

Course structure - Banking and Finance
Year 1 Semester 1
BSB113 Economics
BSB122 Business Information Analysis and Communication
Year 1 Semester 2
BSB115 Management, People and Organisations
EFB102 Economics 2
Year 2 Semester 1
BSB114 Government, Business and Society
EFB101 Data Analysis for Business
### Year 2 Semester 2
- BSB110 Accounting
- BSB126 Marketing

### Year 3 Semester 1
- BSB119 International and Electronic Business
- EFB210 Finance 1

### Year 3 Semester 2
- EFB307 Finance 2
- Double Major / Extended Major / Specialisation Unit

### Year 4 Semester 1
- EFB201 Financial Markets
- Double Major / Extended Major / Specialisation Unit

### Year 4 Semester 2
- EFB312 International Finance and Economics
- Double Major / Extended Major / Specialisation Unit

### Year 5 Semester 1
- BSB111 Business Law and Ethics
- Double Major / Extended Major / Specialisation Unit

### Course structure - Economics

#### Year 1 Semester 1
- BSB113 Economics
- BSB122 Business Information Analysis and Communication

#### Year 1 Semester 2
- BSB115 Management, People and Organisations
- EFB102 Economics 2

#### Year 2 Semester 1
- BSB126 Marketing
- EFB101 Data Analysis for Business

#### Year 2 Semester 2
- BSB110 Accounting
- BSB114 Government, Business and Society

#### Year 3 Semester 1
- EFB202 Business Cycles and Economic Growth
- EFB211 Firms, Markets and Resources

#### Year 3 Semester 2
- EFB314 International Trade and Economic Competitiveness
- Double Major / Extended Major / Specialisation Unit

#### Year 4 Semester 1
- BSB119 International and Electronic Business
- Double Major / Extended Major / Specialisation Unit

#### Year 4 Semester 2
- EFB323 Financial and Monetary Economics
- Double Major / Extended Major / Specialisation Unit

#### Year 5 Semester 1
- BSB111 Business Law and Ethics
- Double Major / Extended Major / Specialisation Unit

### Course structure - Marketing

#### Year 1, Semester 1
- BSB122 Business Information Analysis and Communication
- BSB126 Marketing

#### Year 1, Semester 2
- AMB200 Consumer Behaviour
- AMB240 Marketing Planning and Management

#### Year 2, Semester 1
- AMB201 Marketing and Audience Research
- BSB119 International and Electronic Business

#### Year 2, Semester 2
- AMB241 E-Marketing Strategies
- Double Major / Extended Major / Specialisation Unit

#### Year 3, Semester 1
- BSB113 Economics
- Double Major / Extended Major / Specialisation Unit

#### Year 3, Semester 2
- BSB110 Accounting
- Double Major / Extended Major / Specialisation Unit

#### Year 4, Semester 1
- AMB340 Services Marketing
- Double Major / Extended Major / Specialisation Unit

#### Year 4, Semester 2
- AMB341 Strategic Marketing
- Double Major / Extended Major / Specialisation Unit

#### Year 5, Semester 1
- BSB111 Business Law and Ethics
- BSB114 Government, Business and Society
- BSB115 Management, People and Organisations
- Double Major / Extended Major / Specialisation Unit

### CORE PROGRAM - BA Students

This core program for the degree consists of the following selection of units:

#### First Year Core: Core Units for Professional Majors
- INTERNATIONAL AND GLOBAL STUDIES
  - HIB110 Introduction To International and Global Studies
  - HIB107 World Regions

#### SOCIETY AND CHANGE
- HIB105 Exploring Change
- HIB104 Understanding Society: Introduction to Sociology

#### ETHICS AND HUMAN RIGHTS
- HIB114 Introduction To Human Rights and Ethics
- HIB115 Human Identity and Change

#### COMMUNITY STUDIES
- HIB106 Australian Society and Culture
- HIB103 Contemporary Social and Community Issues

#### First Year Core: Skills Units
- HIB116 Applied Skills and Scholarship
- HIB117 Introduction To Social Research Methods

#### Second Year Core: Research Methods
- HIB224 Qualitative Research Methods
- HIB232 Survey Methods
- HIB121 Interpreting The Past
- HIB312 Geographical Research Design

#### Bachelor of Arts/Bachelor of Business (Advertising, Electronic Business, Human Resource Management, International Business, Management or Public Relations) (IF30)

- **Award title:** Bachelor of Arts/Bachelor of Business (Study Area A)
- **CRICOS code:** 037539D
- **Location:** Gardens Point and Carseldine
- **Course duration (full-time):** 4.5 years
- **Total credit points:** 432 (192 cp in Arts and 240 cp in Business)
- **Standard credit points per semester (full-time):** 48
- **Course coordinator:** Mr Andrew Paltridge (Business); Dr John Synott (Humanities and Human Services)

#### Other Majors

See also the separate entry for the following majors in this course: Bachelor of Arts/Bachelor of Business (Accountancy, Banking and Finance, Economics, or Marketing).

### Professional Membership

Depending on the choice of major, extended major or specialisation, graduates may be eligible for membership of:

- Advertising - Advertising Federation of Australia, the Australian Association of National Advertisers and the Australian Direct Marketing Association.
- HRM - Australian Human Resources Institute, Australian Institute of Training and Development, Australian Institute of Management.
- International Business - Economic Society of Australia, Australian Institute of Export (Qld) Ltd.

#### Example of full-time Course structure

##### Year 1, Semester 1
- Core Unit (Major)
- HIB116 Applied Skills and Scholarship
**Course Structure - Electronic Business**

*Note: The Electronic Business Major must be undertaken with another Business Major*

**Year 1, Semester 1**
- BSB111 Business Law and Ethics
- BSB119 International and Electronic Business

**Year 1, Semester 2**
- BSB122 Business Information Analysis and Communication
- BSB126 Marketing

**Year 2, Semester 1**
- BSB110 Accounting
- BSB113 Economics

**Year 2, Semester 2**
- BSB115 Management, People and Organisations
- ITB225 Electronic Business Information Systems

**Year 3, Semester 1**
- BSB114 Government, Business and Society
- BSB212 Electronic Business Applications

**Year 3, Semester 2**
- BSB213 Legal Issues in Electronic Business

**Year 4, Semester 1**
- MGB334 Managing in a Changing Environment

**Year 4, Semester 2**
- BSB314 E-Business Intelligence

**Year 5, Semester 1**
- Electronic Business Elective

*The units AMB201 Market and Audience Research and MGB220 Management Research Methods are incompatible units. Students undertaking Marketing or Public Relations as a double major should contact the school for enrolment advice. From semester 2, 2003 students...*
who complete both MGB220 & AMB201 will be required to undertake an approved substitute unit to satisfy course requirements.

Course structure - International Business (with a language specialisation)

Students undertake one language area only and may study French, German, Indonesian or Japanese, or seek approval to undertake a different language at another tertiary institution. Mandarin is offered only as intensive 24 credit point unit in Summer school mode, followed by in-country experience.

Students undertaking a language specialisation must complete a minimum of four language units, plus IBB205 Cross-Cultural Communication and Negotiation and an International Business Unit or two additional language units. The School of Humanities and Human Services offers language units at QUT.

**Year 1, Semester 1**
- BSB119 International and Electronic Business
  - Language 1
- BSB115 Management, People and Organisations
  - Language 2

**Year 2, Semester 1**
- BSB113 Economics
  - Language 3
- IBB211 Globalisation and Business
  - Language 4

**Year 3, Semester 1**
- BSB122 Business Information Analysis and Communication
  - Language 5 OR IBB205 Cross-Cultural Communication and Negotiation
- IBB202 Business and the World Economy
  - Language 6 OR International Business Elective Unit (IBB2xx, IBB3xx)

**Year 4, Semester 1**
- BSB111 Business Law and Ethics
  - Area Study 1
- BSB119 International and Electronic Business
  - Area Study 2

**Year 5, Semester 1**
- BSB110 Accounting
- BSB115 Management, People and Organisations
- BSB226 Media Relations and Publicity
- BSB262 Public Relations Writing

**Course structure - Management**

**Year 1, Semester 1**
- BSB115 Management, People and Organisations
- BSB122 Business Information Analysis and Communication

**Year 1, Semester 2**
- BSB126 Marketing
- MGB220 Management Research Methods

**Year 2, Semester 1**
- BSB114 Government, Business and Society
- BSB119 International and Electronic Business

**Year 2, Semester 2**
- MGB211 Organisational Behaviour
- MGB222 Managing Organisations

**Year 3, Semester 1**
- BSB110 Accounting
- MGB210 Production and Service Management

**Year 3, Semester 2**
- Double Major / Extended Major / Specialisation Unit

**Year 4, Semester 1**
- IBB300 International Business Strategy

**Year 5, Semester 1**
- BSB111 Business Law and Ethics
- MGB334 Managing in a Changing Environment

**Course structure - Public Relations**

**Year 1, Semester 1**
- BSB122 Business Information Analysis and Communication
- BSB126 Marketing

**Year 1, Semester 2**
- AMB260 Public Relations Theory and Practice
- BSB119 International and Electronic Business

**Year 2, Semester 1**
- AMB300 Strategic Management

**Year 3, Semester 1**
- BSB115 Management, People and Organisations
- AMB261 Media Relations and Publicity

**Year 4, Semester 1**
- AMB300 Corporate Communication Management

**Year 4, Semester 2**
- AMB361 Public Relations Campaigns
UNIVERSITY-WIDE AND INTERFACULTY COURSES

Year 5, Semester 1
BSB111 Business Law and Ethics
BSB113 Economics
BSB114 Government, Business and Society
Double Major / Extended Major / Specialisation Unit
*The units AMB201 Market and Audience Research and MGB220 Management Research Methods are incompatible units. Students undertaking HRM or Management as a double major should contact the school for enrolment advice. From Semester 2, 2003 students who complete both MGB220 & AMB201 will be required to undertake an approved substitute unit to satisfy course requirements.

CORE PROGRAM - BA Students
This core program for the degree consists of the following selection of units:

First Year Core: Core Units for Professional Majors
INTERNATIONAL AND GLOBAL STUDIES
HHB110 Introduction To International and Global Studies
HHB107 World Regions

SOCIOETY AND CHANGE
HHB105 Exploring Change
HHB104 Understanding Society: Introduction to Sociology

ETHICS AND HUMAN RIGHTS
HHB114 Introduction To Human Rights and Ethics
HHB115 Human Identity and Change

COMMUNITY STUDIES
HHB106 Australian Society and Culture
HHB103 Contemporary Social and Community Issues

First Year Core: Skills Units
HHB116 Applied Skills and Scholarship
HHB117 Introduction To Social Research Methods

Second Year Core: Research Methods
HHB224 Qualitative Research Methods
HHB223 Survey Methods
HHB212 Interpreting The Past
HHB312 Geographical Research Design

Bachelor of Arts/Bachelor of Education (Early Childhood) (IX11)
Award title: Bachelor of Arts/Bachelor of Education
CRICOS code: 020316C
Location: Gardens Point, Kelvin Grove and Carseldine
Course duration (full-time): 4 years
Total credit points: 384 (192 in the BA; 192 in the B Ed)
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Dr Iraphne Childs (Arts); Dr Felicity McArdle (Education)

Professional Recognition
This double degree is recognised by the Queensland Board of Teacher Registration as meeting the requirements for registration as a teacher in Queensland. Applicants for teacher registration in Queensland are subject to national criminal history checks. The Early Childhood specialisation is also accredited by the Department of Families for employment in the area of child care.

Field Experience Requirement
As required by Queensland’s Child Protection Act, students must undergo national criminal history checks (which must be renewed every two years) prior to undertaking field experience.

Example of BA Full-time Course Structure - Commencing Students

Year 1, Semester 1
Introductory Core Unit (Major)
1st Year Core Skills Unit (HHB116)
Introductory Core Unit (2nd Major or Minor)
Elective Unit (General)

Year 1, Semester 2
Elective Unit (Major)
Elective Unit (Major)
Elective Unit (2nd Major or Minor)
Elective Unit (General)

Year 2, Semester 1
Elective Unit (Major)

Year 3, Semester 2
Elective Unit (Major)
Elective Unit (Major)
Elective Unit (2nd Major or Minor)
Elective Unit (General)

CORE PROGRAM - Commencing Students
The core program for the degree consists of the following selection of units:

First Year Core: Core Units for Professional Majors
INTERNATIONAL AND GLOBAL STUDIES
HHB110 Introduction To International and Global Studies
HHB107 World Regions

SOCIETY AND CHANGE
HHB105 Exploring Change
HHB104 Understanding Society: Introduction to Sociology

ETHICS AND HUMAN RIGHTS
HHB114 Introduction To Human Rights and Ethics
HHB115 Human Identity and Change

COMMUNITY STUDIES
HHB106 Australian Society and Culture
HHB103 Contemporary Social and Community Issues

First Year Core: Skills Units
HHB116 Applied Skills and Scholarship
HHB117 Introduction To Social Research Methods
HHB224 Qualitative Research Methods
HHB232 Survey Methods
HHB121 Interpreting The Past
HHB312 Geographical Research Design

Education Component
Year 3, Semester 1
EAB004 Development and Learning Early Childhood 2
EAB011 Early Childhood Field Studies 1: Development and Learning in the Field
EAB008 Early Childhood Language and Literacies and Communication 1
EAB003 Development and Learning in Early Childhood 1

Year 3, Semester 2
EAB003 Teaching and Learning Studies 3: Practising Education
EAB012 Early Childhood Field Studies 2: Practising Education in the Field
EAB011 Early Childhood Curriculum: Arts 1
EAB013 Early Childhood Society, Environment and Health Education

Year 4, Semester 1
EAB005 Inclusion in Early Childhood Settings
EAB013 Early Childhood Field Studies III: Immersion in Inclusive Educational Practices
EAB006 Leadership and Management in Early Childhood Services
EAB015 Early Childhood Science and Information and Communication Technologies Education
EAB009 Early Childhood Language and Literacies and Communication 2
EAB012 Early Childhood Curriculum: Arts II
EAB014 Early Childhood Mathematics Education

Year 4, Semester 2
EAB007 Working with Parents and Other Adults in Early Childhood Education and Care Services
EAB014 Early Childhood Field Studies IV: Professional Work of Teachers: Induction into Practice
EAB015 Internship (Early Childhood)
EAB017 Integrated Early Childhood Curriculum

Bachelor of Arts/Bachelor of Education (Primary) (IX12)
Award title: Bachelor of Arts/Bachelor of Education
CRICOS code: 020316C
Location: Kelvin Grove and Carseldine
Course duration (full-time): 4 years
Total credit points: 384
Standard credit points per semester (full-time): 48
Course coordinator: Education - Ms Jenny Masters Humanities-Dr Iraphne Childs

Professional Recognition
The Bachelor of Education (Secondary) is recognised by the Queensland Board of Teacher Registration as meeting the requirements for registration as a teacher in Queensland. Applicants for teacher registration in Queensland are subject to national criminal history checks.

Field Experience Requirement
As required by Queensland’s Child Protection Act, students must undergo national criminal history checks (which must be renewed every two years) prior to undertaking field experience.

Example of BA Full-time Course Structure - Commencing Students

Year 1, Semester 1
- Introductory Core Unit (Major)
  - 1st Year Core Skills Unit (HHB116)
  - Elective Unit (General)

Year 1, Semester 2
- Elective Unit (Major)
  - Elective Unit (Major)
  - Elective Unit (2nd Major or Minor)
  - Elective Unit (General)

Year 2, Semester 1
- Elective Unit (Major)
  - Elective Unit (Major)
  - Elective Unit (2nd Major or Minor)
  - Elective Unit (General)

Year 2, Semester 2
- Elective Unit (Major)
  - Elective Unit (Major)
  - Elective Unit (2nd Major or Minor)
  - Elective Unit (General)

CORE PROGRAM - Commencing Students
The core program for the degree consists of the following selection of units:

First Year Core: Core Units for Professional Majors
- INTERNATIONAL AND GLOBAL STUDIES
  - HHB110 Introduction To International and Global Studies
  - HHB107 World Regions
- SOCIETY AND CHANGE
  - HHB105 Exploring Change
  - HHB104 Understanding Society: Intro. To Sociology
- ETHICS AND HUMAN RIGHTS
  - HHB114 Introduction To Human Rights and Ethics
  - HHB115 Human Identity and Change
- COMMUNITY STUDIES
  - HHB106 Australian Society and Culture
  - HHB103 Contemporary Social and Community Issues
- List A - Foundation Units
  - HHB116 Applied Skills and Scholarship
  - HHB117 Introduction To Social Research Methods
- Second Year Core: Research Methods Units
  - HHB224 Qualitative Research Methods
  - HHB232 Survey Methods
  - HHB121 Interpreting The Past
  - HHB312 Geographical Research Design

Education Component

Year 3, Semester 1
- EDB002 Teaching and Learning Studies 2: Development and Learning
- EDB021 Primary Field Studies 1: Development and Learning in the Field
- CLB006 Primary Curriculum and Pedagogies: Language and Literacies 1
- MDB002 Primary Curriculum and Pedagogies: Mathematics 1

Year 3, Semester 2
- EDB003 Teaching and Learning Studies 3: Practising Education
- EDB022 Primary Field Studies II: Practising Education in the Field
- EDB008 Primary Curriculum and Pedagogies Interdisciplinary Primary Curriculum Studies

Year 4, Semester 1
- EDB004 Teaching and Learning Studies IV: Inclusive Education
- EDB023 Primary Field Studies III: Immersion in Inclusive Educational Practices
- EDB009 Primary Curriculum and Pedagogies: Interdisciplinary Primary Curriculum Studies II

Year 4, Semester 2
- EDB005 Teaching and Learning Studies V: Professional Work of Teachers
- EDB024 Primary Field Studies IV: Professional Work of Teachers: Induction into Practice
- EDB025 Internship (Primary)
- SPB035 Primary Curriculum & Pedagogies: Integrated Primary and Middle Years Curriculum Project

Bachelor of Arts/Bachelor of Education (Secondary) (IX01)
Award title: Bachelor of Arts/Bachelor of Education
CRICOS code: 020316C
Location: Gardens Point, Kelvin Grove and Carseldine
Course duration (full-time): 4 years
Total credit points: 432
Course coordinator: Humanities Coordinator: Dr Iraphne Childs; Education Coordinator: Dr Peter Bond

Professional Recognition
The Bachelor of Education is recognised by the Queensland Board of Teacher Registration as meeting the requirements for registration as a teacher in Queensland. Applicants for teacher registration in Queensland are subject to national criminal history checks.

Field Experience Requirement
As required by Queensland’s Child Protection Act, students must undergo national criminal history checks (which must be renewed every two years) prior to undertaking field experience.

Course structure

Year 1 - Semester 1
- Foundation Unit (prev. Faculty Foundation Unit) OR HHB116 Applied Skills and Scholarship
  - Course Foundation Unit - from 1st teaching area
  - Elective Unit - 1st Teaching Area
  - Elective Unit - 2nd Teaching Area
  - Course Foundation Unit

Year 1 - Semester 2
- Foundation Unit (prev. Faculty Foundation Unit) OR HHB116 Applied Skills and Scholarship
  - Course Foundation Unit - 2nd Teaching Area
  - Course Foundation Unit
  - Elective Unit - 2nd Teaching Area
  - Elective Unit - 1st Teaching Area

Year 2, Semester 1
- Elective Unit - 1st Teaching Area
  - Elective Unit - 1st Teaching Area
  - Elective Unit - 2nd Teaching Area
  - Other Elective
  - Other Elective

Year 2, Semester 2
- Elective Unit - 2nd Teaching Area
  - Elective Unit - 2nd Teaching Area
  - Elective Unit - 1st Teaching Area
  - Other Elective

List A - Foundation Units
- Students should complete two Foundation Units in first year.
  - HHB106 Australian Society and Culture
  - HBB114 Introduction To Social Research Methods
  - HHB111 Issues In International and Global Studies
  - HHB105 Exploring Change

List B - BA Course Foundation Units
- ENGLISH
  - KWB716 Introduction To Literary Theory and Cultural Studies
  - HISTORY
  - HHB121 Interpreting The Past
  - HHB109 Australian Historical Studies
  - GEOGRAPHY
HBB107 World Regions
SOCIAL SCIENCE
HBB121 Interpreting The Past
HHR254 Indigenous Australian Culture Studies
HBB115 Human Identity and Change
HBB104 Understanding Society: Intro. To Sociology
LOTE: See Note 4
LANGUAGES: See Note 5
HBB071 Indonesian 1
HBB073 Indonesian 3
HBB081 Japanese 1
HBB083 Japanese 3
HBB061 French 1
HBB063 French 3
HBB091 German 1
HBB093 German 3
HBB050 Mandarin For Chinese
HBB051 Introductory Mandarin 1
HBB052 Introductory Mandarin 2
Year 2 (Semester 1 and 2) and Year 3 (Semester 1)
LIST C - ELECTIVES (Refer to HH01 handbook entry)
English
Geography
History
Social Science
Languages
Education Component
Year 3, Semester 1
EDB002 Teaching and Learning Studies II: Development and Learning
EDB031 Secondary Field Studies I: Development and Learning in the Field
Curriculum Studies IX
Curriculum Studies IV
Year 3, Semester 2
EDB003 Teaching and Learning Studies III: Practising Education
EDB032 Secondary Field Studies II: Practising Education in the Field
Curriculum Studies 2X
Curriculum Studies 2Y
Year 4, Semester 1
EDB004 Teaching and Learning Studies IV: Inclusive Education
EDB033 Secondary Field Studies III: Immersion in Inclusive Educational Practices
Curriculum Studies 3X
Curriculum Studies 3Y
Year 4, Semester 2
EDB005 Teaching and Learning Studies V: Professional Work of Teachers
EDB034 Secondary Field Studies IV: Professional Work of Teachers: Induction into Practice
EDB035 Internship (Secondary)
Education Elective
Curriculum Studies Units
Curriculum Studies 1
CLB018 English Curriculum Studies 1
CLB024 Film and Media Curriculum Studies 1
CLB027 Geography Curriculum Studies 1
CLB030 History Curriculum Studies 1
CLB036 LOTE Curriculum Studies 1
CLB039 Social Science Curriculum Studies 1
Curriculum Studies 2
CLB019 English Curriculum Studies 2
CLB025 Film and Media Curriculum Studies 2
CLB028 Geography Curriculum Studies 2
CLB031 History Curriculum Studies 2
CLB037 LOTE Curriculum Studies 2
CLB040 Social Science Curriculum Studies 2
Curriculum Studies 3
CLB020 English Curriculum Studies 3
CLB026 Film and Media Curriculum Studies 3
CLB029 Geography Curriculum Studies 3
CLB032 History Curriculum Studies 3
CLB038 LOTE Curriculum Studies 3
CLB041 Social Science Curriculum Studies 3

■ Bachelor of Arts/Bachelor of Laws (IF43)
Award title: Bachelor of Arts/Bachelor of Laws
CRICOS code: 027276E
Location: Gardens Point and Carseldine
Course duration (full-time): 5 Years
Total credit points: 528
Standard credit points per semester (full-time): 48
Standard credit points per semester (part-time): 24
Course coordinator: Dr John Synott (Arts); Director, Undergraduate Programs (Law)

Professional Recognition
The Bachelor of Laws degree covers the areas of law required for the purposes of admission to practise as a Solicitor and/or Barrister in all Australian states and territories.

Course Structure BA component - Continuing Students
BA REQUIREMENTS (Years 1 and 2)
Students should have completed the following components of the degree:
• The first year requirements (8 units) which include:
  • HBB116 Applied Skills and Scholarship
  • Two Foundation Units (if you have not already completed 2 Faculty Foundation Units in Year 1
  • Two to three Course Foundation Units
  • Two to three Elective Units
NB A minimum of 4 of these 8 units must be chosen from the BA component of your course.
In second year, a further 8 units are to be completed:
• One Major Study Sequence chosen from those offered in the BA component, and
• One Minor Study Sequence chosen from those offered in the component of your course or from other minor Study Sequences offered elsewhere within QUT.
Students must ensure that a minimum of 12 of the 16 units must be chosen from units in the BA.

Course Structure BA component - Commencing Students
BA Course Requirements (Years 1 and 2)(Commencing Students)
Students are required to complete:
• One Interdisciplinary Professional Major (1 core introductory unit + 6 units in the major)
It is suggested that students complete the Core Units Program consisting of the following:
• Four core units in first semester (from a selection of core introductory units and core skills units)
  (Note: one of the core introductory units will sit within the chosen Interdisciplinary Professional Major)
• Two core units in second year (2 research methods units)
Students must maintain a 50% enrolment in units from the BA program until they have completed 8 of these units (96 credit points).
Students may wish to
• develop a Minor (48 credit points) in one of the Interdisciplinary Professional areas
• develop a Minor (48 credit points) in a disciplinary study sequence or in another QUT course
• take a series of elective units.
Students wishing to complete a full discipline studies sequence (6 units) will need to amend their core units program.
Students planning to complete a full language studies sequence (6 units) will need to discuss their program with the relevant Course Coordinator to ensure that their language studies begin in semester one and continue into their third year.
NB Students are required to complete 16 units in the BA component of the double degree. Of these 12 must be BA units ie HHB coded units.

**Key Terms in the BA**
- Professional Major - one of four interdisciplinary study sequences in the BA degree (International & Global Studies, Society and Change, Ethics and Human Rights, Community Studies), consisting of one core unit plus six from the appropriate list (making a total of 84 credit points). Students must complete at least one of these to fulfill the requirements of the degree.
- NB: a unit may not be counted in more than one professional major, discipline sequence, or Minor.
- Discipline Sequence - a set of six units (72 credit points) in a given discipline (Geography, History, Languages and Social Science). In Languages, this consists of six sequenced units in one Language. In other disciplines it must include one introductory unit to the discipline.
- Minor Study Sequence - a study sequence of any four units (48 credit points) in a given subject area.

**Interdisciplinary Professional Majors - Commencing Students**
For details, refer to the Bachelor of Arts (HH01) entry in the Humanities and Human Services section.

**Discipline Sequences**
For details, refer to the Bachelor of Arts (HH01) entry in the Humanities and Human Services section.

**Minor Sequences**
For details, refer to the Co-majors section of the Bachelor of Arts (HH01) entry in the Humanities and Human Services section.

**CORE PROGRAM - BA Students**
This core program for the degree consists of the following selection of units:

**First Year Core: Core Units for Professional Majors**
- INTERNATIONAL AND GLOBAL STUDIES
  - HHB110 Introduction To International and Global Studies
  - HHB107 World Regions
  - HHB105 Exploring Change
  - HHB104 Understanding Society: Introduction to Sociology
  - ETHICS AND HUMAN RIGHTS
  - HHB114 Introduction To Human Rights and Ethics
  - HHB115 Human Identity and Change
  - COMMUNITY STUDIES
  - HHB106 Australian Society and Culture
  - HBB103 Contemporary Social and Community Issues

**First Year Core: Skills Units**
- HBB116 Applied Skills and Scholarship
- HBB117 Introduction To Social Research Methods

**Second Year Core: Research Methods**
- HBB224 Qualitative Research Methods
- HBB232 Survey Methods
- HBB121 Interpreting The Past
- HBB312 Geographical Research Design

**Course structure - Example of Full-time Course Structure**

**Year 1, Semester 1**
- Introductory Core unit (Major)
- 1st Year Core Skills unit (HBB116)
- Introductory Core unit (2nd Major or Minor)
- Elective Unit (General)

**Year 1, Semester 2**
- Elective Unit (Major)
- Elective Unit (Major)
- Elective Unit (Minor)
- Elective Unit (General)

**Year 2, Semester 1**
- Elective Unit (Major)
- Elective Unit (Major)
- Elective Unit (Minor)

**Year 2, Semester 2**

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**B.A Core Program**
For details, refer to the Bachelor of Arts (HH01) entry in the Humanities and Human Services section.

**Professional Major Study Sequences**
For details, refer to the Bachelor of Arts (HH01) entry in the Humanities and Human Services section.

**Discipline Sequences**
For details, refer to the Bachelor of Arts (HH01) entry in the Humanities and Human Services section.

**Minor Study Sequences in other QUT Courses**
For details of Minor Study Sequences available, refer to the Co-Majors section of the Bachelor of Arts (HH01) entry in the Humanities and Human Services section as any of these are able to be taken as Minors.

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**Bachelor of Business (Accountancy)/Bachelor of Laws (IF37)**

**Award title:** Bachelor of Business (Accountancy)/Bachelor of Laws

**CRICOS code:** 006386F

**Location:** Gardens Point

**Course duration (full-time):** 5 Years

**Total credit points:** 540

**Standard credit points per semester (full-time):** 60 (years sem 1-5); 48 (sem 7 & 8); 56 (sem 6,9,10)

**Course coordinator:** Mr Andrew Paltridge (Business); Director, Undergraduate Programs (Law)

**Discipline coordinator:** Dr John Sweeting (Accountancy)

**Professional Recognition**
The combined Accountancy/Law program satisfies the academic requirements of the Institute of Chartered Accountants in Australia and CPA Australia. The law degree component covers all the law units required for admission as a legal practitioner in Australia and is approved for the purposes of the Solicitors’ and Barristers’ Admission Rules.

**Course structure**

**Year 1, Semester 1**
- BSB110 Accounting
- BSB113 Economics
- BSB122 Business Information Analysis and Communication
- LWB141 Legal Institutions and Method
- LWB142 Law, Society and Justice

**Year 1, Semester 2**
- AYB121 Financial Accounting
- BSB119 International and Electronic Business
- EFB101 Data Analysis for Business
- LWB143 Legal Research and Writing
- LWB144 Laws and Global Perspectives

**Year 2, Semester 1**
- AYB220 Company Accounting
- BSB115 Management, People and Organisations
- EFB210 Finance 1
- LWB136 Contracts A
- LWB138 Fundamentals Of Torts

**Year 2, Semester 2**
- AYB221 Computerised Accounting Systems
- AYB225 Management Accounting
- EFB102 Economics 2
- LWB137 Contracts B
- LWB139 Select Issues In Torts

**Year 3, Semester 1**
- AYB301 Auditing
- BSB126 Marketing
- LWB231 Introduction To Public Law
- LWB238 Fundamentals Of Criminal Law
- LWB366 Law Of Commercial Entities

**Year 3, Semester 2**
- AYB311 Financial Accounting Issues
UNIVERSITY-WIDE AND INTERFACULTY COURSES

OR
AYB321 Strategic Management Accounting
Plas:
BSB114 Government, Business and Society
LWB235 Australian Federal Constitutional Law
LWB239 Criminal Responsibility

Year 4, Semester 1
LWB236 Real Property A
LWB240 Principles Of Equity
LWB332 Commercial and Personal Property Law
LWB333 Theories Of Law

Year 4, Semester 2
LWB237 Real Property B
LWB241 Trusts
LWB331 Administrative Law
LWB334 Corporate Law

Year 5, Semester 1
LWB364 Introduction To Taxation Law
LWB431 Civil Procedure
LWB432 Evidence
LWB434 Advanced Research and Legal Reasoning

Year 5, Semester 2
LWB359 Advanced Taxation Law
LWB433 Professional Responsibility
Elective unit
Elective unit

- Bachelor of Business (Accountancy, Banking and Finance, Economics or Marketing)/Bachelor of Health Science (Health Services Management) (IF47)

Award title: Bachelor of Business (Study Area A)/Bachelor of Health Science (Health Services Management)
CRICOS code: 027277D
Location: Gardens Point and Kelvin Grove
Course duration (full-time): 4 Years
Total credit points: 432

Standard credit points per semester (full-time): 54 (average)
Course coordinator: Mr Andrew Paltridge (Business); Ms Melinda Service (Health)
Discipline coordinator: Dr John Sweeting (Accountancy); Dr Scott McCarthy (Banking and Finance); Mr Eugene McCann (Economics); Dr Josie Di Donato (Health Services Management); Cathy Neal (Marketing)

Other Majors
See also the separate entry for the following majors in this course: Bachelor of Business (Advertising, Electronic Business, Human Resource Management, International Business, Management, or Public Relations)/Bachelor of Health Science (Health Services Management).

Professional recognition
Graduates may be eligible for membership of the Australasian Institute of Banking and Finance (AIBF), CPA Australia, the Institute of Chartered Accountants in Australia, Chartered Secretaries Australia, the Economic Society of Australia (Qld), Advertising Federation of Australia, Public Relations Institute of Australia, Australian Marketing Institute, Australian Institute of Management, Australian College of Health Service Executives (ACHSE) and other professional associations, depending on unit selection.

Course Design
Students are required to complete 432 credit points comprised of 192 credit points from the Bachelor of Health Science program and 240 credit points from the Bachelor of Business program. Students supplement the health services management component of this program with the 96 credit point faculty core units in the Bachelor of Business program together with a 72 point credit point major, and a further 72 credit points in which the student must complete one of the following: double major, extended major or specialisation. For information on the double majors, extended majors and specialisations, refer to the relevant section in the Bachelor of Business (BS56) course entry of the QUT Handbook.

Course structure - Accountancy / Health Services Management

Year 1, Semester 1
BSB110 Accounting
BSB113 Economics
PUB104 Introduction to Health Services Management
PUB107 Sustainable Environments for Health

Year 1, Semester 2
AYB121 Financial Accounting
BSB122 Business Information Analysis and Communication
PUB251 Contemporary Public Health
PYB012 Psychology

Year 2, Semester 1
BSB111 Business Law and Ethics
BSB115 Management, People and Organisations
PUB326
PUB380 Casemix Management

Year 2, Semester 2
BSB114 Government, Business and Society
BSB119 International and Electronic Business
BSB126 Marketing
MGB207 Human Resource Issues and Strategy
PUB209 Health, Culture and Society

Year 3, Semester 1
AYB220 Company Accounting
AYB225 Management Accounting
LYS001 Medicine and The Law
PUB480 Health Administration Finance

Year 3, Semester 2
AYB221 Computerised Accounting Systems
AYB225 Management Accounting
PUB326 Epidemiology
PUB514 Contract/Project Management

Year 4, Semester 1
AYB301 Auditing
PUB511 Health Policy, Planning and Evaluation
PUB514 Contract/Project Management
Double Major / Extended Major / Specialisation Unit
Public Health Elective
PUB515 Double Major / Extended Major / Specialisation Unit

Year 4, Semester 2
PUB418 Health Computer Systems
PUB609 Health Resource Allocation
PUB875 Professional Practice
Double Major / Extended Major / Specialisation Unit

Course structure - Banking & Finance / Health Services Management

Year 1, Semester 1
BSB113 Economics
BSB122 Business Information Analysis and Communication
PUB104 Introduction to Health Services Management
PUB107 Sustainable Environments for Health

Year 1, Semester 2
BSB115 Management, People and Organisations
EFP102 Economics 2
PUB251 Contemporary Public Health
PYB012 Psychology

Year 2, Semester 1
BSB114 Government, Business and Society
EFP101 Data Analysis for Business
PUB326 Epidemiology
PUB380 Casemix Management

Year 2, Semester 2
BSB110 Accounting
BSB126 Marketing
MGB207 Human Resource Issues and Strategy
PUB209 Health, Culture and Society

Year 3, Semester 1
BSB111 Business Law and Ethics
EFP210 Finance 1

Year 3, Semester 2
BSB111 Business Law and Ethics

Year 4, Semester 1
AYB220 Company Accounting
PUB326 Epidemiology
PUB380 Casemix Management

Year 4, Semester 2
PUB418 Health Computer Systems
PUB609 Health Resource Allocation
PUB875 Professional Practice
Double Major / Extended Major / Specialisation Unit

UNIVERSITY-WIDE AND INTERFACULTY COURSES

OR
AYB321 Strategic Management Accounting
Plas:
BSB114 Government, Business and Society
LWB235 Australian Federal Constitutional Law
LWB239 Criminal Responsibility

Year 4, Semester 1
LWB236 Real Property A
LWB240 Principles Of Equity
LWB332 Commercial and Personal Property Law
LWB333 Theories Of Law

Year 4, Semester 2
LWB237 Real Property B
LWB241 Trusts
LWB331 Administrative Law
LWB334 Corporate Law

Year 5, Semester 1
LWB364 Introduction To Taxation Law
LWB431 Civil Procedure
LWB432 Evidence
LWB434 Advanced Research and Legal Reasoning

Year 5, Semester 2
LWB359 Advanced Taxation Law
LWB433 Professional Responsibility
Elective unit
Elective unit

- Bachelor of Business (Accountancy, Banking and Finance, Economics or Marketing)/Bachelor of Health Science (Health Services Management) (IF47)

Award title: Bachelor of Business (Study Area A)/Bachelor of Health Science (Health Services Management)
CRICOS code: 027277D
Location: Gardens Point and Kelvin Grove
Course duration (full-time): 4 Years
Total credit points: 432

Standard credit points per semester (full-time): 54 (average)
Course coordinator: Mr Andrew Paltridge (Business); Ms Melinda Service (Health)
Discipline coordinator: Dr John Sweeting (Accountancy); Dr Scott McCarthy (Banking and Finance); Mr Eugene McCann (Economics); Dr Josie Di Donato (Health Services Management); Cathy Neal (Marketing)

Other Majors
See also the separate entry for the following majors in this course: Bachelor of Business (Advertising, Electronic Business, Human Resource Management, International Business, Management, or Public Relations)/Bachelor of Health Science (Health Services Management).

Professional recognition
Graduates may be eligible for membership of the Australasian Institute of Banking and Finance (AIBF), CPA Australia, the Institute of Chartered Accountants in Australia, Chartered Secretaries Australia, the Economic Society of Australia (Qld), Advertising Federation of Australia, Public Relations Institute of Australia, Australian Marketing Institute, Australian Institute of Management, Australian College of Health Service Executives (ACHSE) and other professional associations, depending on unit selection.

Course Design
Students are required to complete 432 credit points comprised of 192 credit points from the Bachelor of Health Science program and 240 credit points from the Bachelor of Business program. Students supplement the health services management component of this program with the 96 credit point faculty core units in the Bachelor of Business program together with a 72 point credit point major, and a further 72 credit points in which the student must complete one of the following: double major, extended major or specialisation. For information on the double majors, extended majors and specialisations, refer to the relevant section in the Bachelor of Business (BS56) course entry of the QUT Handbook.

Course structure - Accountancy / Health Services Management

Year 1, Semester 1
BSB110 Accounting
BSB113 Economics
PUB104 Introduction to Health Services Management
PUB107 Sustainable Environments for Health

Year 1, Semester 2
AYB121 Financial Accounting
BSB122 Business Information Analysis and Communication
PUB251 Contemporary Public Health
PYB012 Psychology

Year 2, Semester 1
BSB111 Business Law and Ethics
BSB115 Management, People and Organisations
PUB326
PUB380 Casemix Management

Year 2, Semester 2
BSB114 Government, Business and Society
BSB119 International and Electronic Business
BSB126 Marketing
MGB207 Human Resource Issues and Strategy
PUB209 Health, Culture and Society

Year 3, Semester 1
AYB220 Company Accounting
EFP101 Data Analysis for Business

Year 3, Semester 2
AYB221 Computerised Accounting Systems
AYB225 Management Accounting
LYS001 Medicine and The Law
PUB480 Health Administration Finance

Year 4, Semester 1
AYB301 Auditing
PUB511 Health Policy, Planning and Evaluation
PUB514 Contract/Project Management
Double Major / Extended Major / Specialisation Unit
Public Health Elective
PUB515 Double Major / Extended Major / Specialisation Unit

Year 4, Semester 2
PUB418 Health Computer Systems
PUB609 Health Resource Allocation
PUB875 Professional Practice
Double Major / Extended Major / Specialisation Unit

Course structure - Banking & Finance / Health Services Management

Year 1, Semester 1
BSB113 Economics
BSB122 Business Information Analysis and Communication
PUB104 Introduction to Health Services Management
PUB107 Sustainable Environments for Health

Year 1, Semester 2
BSB115 Management, People and Organisations
EFP102 Economics 2
PUB251 Contemporary Public Health
PYB012 Psychology

Year 2, Semester 1
BSB114 Government, Business and Society
EFP101 Data Analysis for Business
PUB326 Epidemiology
PUB380 Casemix Management

Year 2, Semester 2
BSB110 Accounting
BSB126 Marketing
MGB207 Human Resource Issues and Strategy
PUB209 Health, Culture and Society

Year 3, Semester 1
BSB111 Business Law and Ethics
EFP210 Finance 1

Year 3, Semester 2
BSB111 Business Law and Ethics

Year 4, Semester 1
AYB220 Company Accounting
PUB326 Epidemiology
PUB380 Casemix Management

Year 4, Semester 2
PUB418 Health Computer Systems
PUB609 Health Resource Allocation
PUB875 Professional Practice
Double Major / Extended Major / Specialisation Unit
Public Health Elective

Year 3, Semester 2
BSB119 International and Electronic Business
LWS001 Medicine and The Law
PUB480 Health Administration Finance
Double Major / Extended Major / Specialisation Unit

Year 4, Semester 1
EFB201 Financial Markets
EFB307 Finance 2
PUB511 Health Policy, Planning and Evaluation
PUB514 Contract/Project Management
Double Major / Extended Major / Specialisation Unit

Year 4, Semester 2
EFB312 International Finance and Economics
PUB418 Health Computer Systems
PUB609 Health Resource Allocation
PUB875 Professional Practice
Double Major / Extended Major / Specialisation Unit

Course structure - Economics / Health Services Management

Year 1, Semester 1
BSB113 Economics
BSB122 Business Information Analysis and Communication
PUB104 Introduction to Health Services Management
PUB107 Sustainable Environments for Health

Year 1, Semester 2
BSB115 Management, People and Organisations
EFB102 Economics 2
PUB251 Contemporary Public Health
PYB012 Psychology

Year 2, Semester 1
BSB114 Government, Business and Society
EFB101 Data Analysis for Business
PUB326 Epidemiology
PUB380 Casemix Management

Year 2, Semester 2
BSB110 Accounting
MGB207 Human Resource Issues and Strategy
PUB209 Health, Culture and Society
Double Major / Extended Major / Specialisation Unit
BSB126 Marketing

Year 3, Semester 1
BSB111 Business Law and Ethics
EFB202 Business Cycles and Economic Growth
EFB211 Firms, Markets and Resources
Double Major / Extended Major / Specialisation Unit
Public Health Elective

Year 3, Semester 2
EFB314 International Trade and Economic Competitiveness
EFB332 Financial and Monetary Economics
LWS001 Medicine and The Law
PUB480 Health Administration Finance
Double Major / Extended Major / Specialisation Unit

Year 4, Semester 1
BSB119 International and Electronic Business
PUB511 Health Policy, Planning and Evaluation
PUB514 Contract/Project Management
Double Major / Extended Major / Specialisation Unit

Year 4, Semester 2
PUB418 Health Computer Systems
PUB609 Health Resource Allocation
PUB875 Professional Practice
Double Major / Extended Major / Specialisation Unit

Course structure - Marketing / Health Services Management

Year 1, Semester 1
BSB122 Business Information Analysis and Communication
BSB126 Marketing
PUB104 Introduction to Health Services Management
PUB107 Sustainable Environments for Health

Year 1, Semester 2
AMB200 Consumer Behaviour
AMB240 Marketing Planning and Management
PUB251 Contemporary Public Health
PYB012 Psychology

Year 2, Semester 1
AMB201 Marketing and Audience Research
BSB119 International and Electronic Business
PUB326 Epidemiology
PUB380 Casemix Management

Year 2, Semester 2
AMB241 E-Marketing Strategies
BSB114 Government, Business and Society
MGB207 Human Resource Issues and Strategy
PUB209 Health, Culture and Society
Double Major / Extended Major / Specialisation Unit

Year 3, Semester 1
BSB111 Business Law and Ethics
BSB113 Economics
BSB115 Management, People and Organisations
Double Major / Extended Major / Specialisation Unit
Public Health Elective

Year 3, Semester 2
LWS001 Medicine and The Law
PUB480 Health Administration Finance
Double Major / Extended Major / Specialisation Unit

Year 4, Semester 1
AMB340 Services Marketing
BSB110 Accounting
PUB511 Health Policy, Planning and Evaluation
PUB514 Contract/Project Management
Elective

Year 4, Semester 2
AMB341 Strategic Marketing
PUB418 Health Computer Systems
PUB609 Health Resource Allocation
PUB875 Professional Practice
Double Major / Extended Major / Specialisation Unit

Bachelor of Business (Advertising, Electronic Business, Human Resource Management, International Business, Management or Public Relations)/Bachelor of Health Science (Health Services Management) (IF47)

Award title: Bachelor of Business (Study Area A)/Bachelor of Health Science (Health Services Management)
CRICOS code: 027277D
Location: Gardens Point and Kelvin Grove
Course duration (full-time): 4 Years
Total credit points: 432
Standard credit points per semester (full-time): 54 (Average)
Course coordinator: Mr Andrew Paltridge (Business); Ms Melinda Service (Health)
Discipline coordinator: Ms Gayle Kerr (Advertising); Dr Josie Di Donato (Health Services Management); Ms Amanda Gudmundsson (Human Resource Management); Ms Sherrena Buckby (Electronic Business); Mr Thomas Cronk (International Business); Professor Robert Walderssee (Management); Ms Robina Xavier (Public Relations)

Other Majors
See also the separate entry for the following majors in this course: Bachelor of Business (Accountancy, Banking and Finance, Economics, or Marketing)/Bachelor of Health Science (Health Services Management).

Professional Recognition
Graduates may be eligible for membership of the Australasian Institute of Banking and Finance (AIBF), the Economic Society of Australia (Qld), Advertising Federation of Australia, Public Relations Institute of Australia, Australian Marketing Institute,
Course Design
Students are required to complete 432 credit points comprised of 292 credit points from the Bachelor of Health Science program and 240 credit points from the Bachelor of Business program. Students supplement the health services management component of this program with 96 credit point faculty core units in the Bachelor of Business program together with a 72 point credit point major, and a further 72 credit points in which the student must complete one of the following: double major, extended major or specialisation. Business majors available are: Accountancy, Advertising, Banking and Finance, Economics, Electronic Business, Human Resource Management, International Business, Management, Marketing and Public Relations.

Course structure - Electronic Business / Health Services Management

Year 1, Semester 1
BSB114 Government, Business and Society
BSB119 International and Electronic Business
PUB104 Introduction to Health Services Management
PUB107 Sustainable Environments for Health

Year 1, Semester 2
BSB122 Business Information Analysis and Communication
BSB126 Marketing
PUB251 Contemporary Public Health
PYB012 Psychology

Year 2, Semester 1
BSB115 Management, People and Organisations
BSB212 Electronic Business Applications
PUB326 Epidemiology
PUB380 Casemix Management

Year 2, Semester 2
BSB110 Accounting
BSB111 Business Law and Ethics
ITB825 Electronic Business Information Systems
MGB207 Human Resource Issues and Strategy
PUB209 Health, Culture and Society

Year 3, Semester 1
BSB113 Economics
MGB334 Managing in a Changing Environment
BSB119 International and Electronic Business

BSB113 Economics
MGB334 Managing in a Changing Environment
Year 3, Semester 2
BSB213 Legal Issues in Electronic Business
LWS001 Medicine and The Law
PUB480 Health Administration Finance

Year 4, Semester 1
BSB111 Business Law and Ethics
MGB314 Organisational Consulting and Change
Double Major / Extended Major / Specialisation Unit
PUB511 Health Policy, Planning and Evaluation
PUB514 Contract/Project Management

Year 4, Semester 2
MGB309 Strategic Management
Double Major / Extended Major / Specialisation Unit
PUB418 Health Computer Systems
PUB609 Health Resource Allocation
PUB875 Professional Practice

*The units AMB201 Market and Audience Research and MGB220 Management Methods are incompatible units. Students undertaking Marketing or Public Relations as a double major should contact the school for enrolment advice. From semester 2, 2003 students who complete both MGB220 and AMB201 will be required to undertake an approved substitute unit to satisfy course requirements.

Course structure - Management / Health Services Management

Year 1, Semester 1
BSB115 Management, People and Organisations
BSB122 Business Information Analysis and Communication
PUB104 Introduction to Health Services Management
PUB107 Sustainable Environments for Health

Year 1, Semester 2
BSB112 Government, Business and Society
BSB122 Business Information Analysis and Communication

Year 2, Semester 1
BSB113 Economics
BSB119 International and Electronic Business
PUB326 Epidemiology
PUB380 Casemix Management

Year 2, Semester 2
BSB110 Accounting
MGB207 Human Resource Issues and Strategy
MGB211 Organisational Behaviour
PUB209 Health, Culture and Society

Year 3, Semester 1
BSB114 Government, Business and Society
MGB222 Managing Organisations
Double Major / Extended Major / Specialisation Unit
Public Health Elective

Year 3, Semester 2
LWS001 Medicine and The Law
PUB480 Health Administration Finance

*The units AMB201 Market and Audience Research and MGB220 Management Methods are incompatible units. Students undertaking Marketing or Public Relations as a double major should contact the school for enrolment advice. From semester 2, 2003 students who complete both MGB220 and AMB201 will be required to undertake an approved substitute unit to satisfy course requirements.

Course structure - Human Resource Management / Health Services Management

Year 1, Semester 1
BSB115 Management, People and Organisations
BSB122 Business Information Analysis and Communication
PUB104 Introduction to Health Services Management
PUB107 Sustainable Environments for Health

Year 1, Semester 2
BSB112 Government, Business and Society
BSB122 Business Information Analysis and Communication

Year 2, Semester 1
BSB113 Economics
BSB119 International and Electronic Business
PUB326 Epidemiology
PUB380 Casemix Management

Year 2, Semester 2
BSB110 Accounting
MGB207 Human Resource Issues and Strategy
MGB211 Organisational Behaviour
PUB209 Health, Culture and Society

Year 3, Semester 1
BSB114 Government, Business and Society
MGB222 Managing Organisations
Double Major / Extended Major / Specialisation Unit
Public Health Elective

Year 3, Semester 2
MGB309 Strategic Management
### Course structure - Advertising / Health Services Management

**Year 1, Semester 1**
- BSB122 Business Information Analysis and Communication
- BSB126 Marketing
- PUB104 Introduction to Health Services Management
- PUB107 Sustainable Environments for Health

**Year 1, Semester 2**
- AMB200 Consumer Behaviour
- AMB220 Advertising Theory and Practice
- PUB251 Contemporary Public Health
- PBV012 Psychology

**Year 2, Semester 1**
- AMB221 Advertising Copywriting
- BSB115 Management, People and Organisations
- PUB326 Epidemiology
- PUB380 Casemix Management

**Year 2, Semester 2**
- AMB222 Media Planning
- BSB119 International and Electronic Business
- MGB207 Human Resource Issues and Strategy
- PUB209 Health, Culture and Society

**Year 3, Semester 1**
- BSB113 Economics
- BSB114 Government, Business and Society

**Year 3, Semester 2**
- BSB110 Accounting
- LW/S001 Medicine and The Law
- PUB480 Health Administration Finance

**Year 4, Semester 1**
- BSB119 International and Electronic Business
- PUB104 Introduction to Health Services Management
- PUB107 Sustainable Environments for Health

**Year 4, Semester 2**
- AMB320 Advertising Management
- BSB111 Business Law and Ethics
- PUB511 Health Policy, Planning and Evaluation

### Course structure - International Business (without a Language) / Health Services Management

**Year 1, Semester 1**
- BSB114 Government, Business and Society
- BSB119 International and Electronic Business

**Year 1, Semester 2**
- BSB113 Economics
- BSB115 Management, People and Organisations

**Year 2, Semester 1**
- BSB122 Business Information Analysis and Communication
- PUB514 Contract/Project Management
- PUB511 Health Policy, Planning and Evaluation
- PUB514 Contract/Project Management

**Year 2, Semester 2**
- AMB321 Advertising Campaigns
- PUB480 Health Administration Finance
- PUB326 Epidemiology
- PUB380 Casemix Management

**Year 3, Semester 1**
- BSB111 Government, Business and Society
- BSB122 Business Information Analysis and Communication

**Year 3, Semester 2**
- BSB114 Government, Business and Society
- BSB119 International and Electronic Business

### Course structure - International Business (with a Language) / Health Services Management

**Year 1, Semester 1**
- BSB119 International and Electronic Business
- PUB104 Introduction to Health Services Management
- PUB107 Sustainable Environments for Health

**Year 1, Semester 2**
- BSB110 Accounting
- LW/S001 Medicine and The Law
- PUB480 Health Administration Finance

**Year 2, Semester 1**
- BSB113 Economics
- PUB326 Epidemiology
- PUB380 Casemix Management

**Year 2, Semester 2**
- AMB320 Advertising Management
- BSB111 Business Law and Ethics
- PUB511 Health Policy, Planning and Evaluation

**Year 3, Semester 1**
- BSB114 Government, Business and Society
- BSB122 Business Information Analysis and Communication
- IBB210 Export Management

**Year 3, Semester 2**
- IBB211 Globalisation and Business
- PUB209 Health, Culture and Society
- PUB209 Health, Culture and Society

### Area Study Units
- IBB217 Asian Business Development
- IBB317 Contemporary Business in Asia
- OR
- IBB208 European Business Development
- IBB308 Contemporary Business in Europe
Year 1, Semester 1

- BSB110 Accounting
- BSB111 Business Law and Ethics
- PUB511 Health Policy, Planning and Evaluation
- PUB514 Contract/Project Management

Year 2, Semester 1

- AMB200 Consumer Behaviour
- AMB220 Advertising Theory and Practice
- BSB119 International and Electronic Business
- LWB143 Legal Research and Writing
- LWB144 Laws and Global Perspectives

Year 2, Semester 2

- AMB222 Media Planning
- BSB110 Accounting
- LWB137 Contracts B

Year 3, Semester 1

- AMB320 Advertising Management
- LWB138 Fundamentals Of Torts
- LWB238 Fundamentals Of Criminal Law

Year 3, Semester 2

- AMB321 Advertising Campaigns
- LWB139 Select Issues In Torts
- LWB239 Criminal Responsibility

Year 4, Semester 1

- LWB231 Introduction To Public Law
- LWB236 Real Property A

Year 4, Semester 2

- LWB235 Australian Federal Constitutional Law

Year 5, Semester 1

- LWB334 Corporate Law

Year 5, Semester 2

- LWB433 Professional Responsibility

Course structure - Human Resource Management major

Year 1, Semester 1

- BSB110 Accounting
- BSB115 Management, People and Organisations

Year 1, Semester 2

- BSB114 Government, Business and Society
- BSB119 International and Electronic Business

Year 2, Semester 1

- MGB207 Human Resource Issues and Strategy
- MGB211 Organisational Behaviour

Year 2, Semester 2

- LWB137 Contracts B

Year 3, Semester 1

- MGB314 Organisational Consulting and Change

Year 3, Semester 2

- MGB309 Strategic Management

Course structure - Advertising

Year 1, Semester 1

- BSB115 Management, People and Organisations

Year 1, Semester 2

- AMB110 Accounting
- AMB220 Advertising Theory and Practice
- BSB119 International and Electronic Business
- LWB143 Legal Research and Writing
- LWB144 Laws and Global Perspectives

Year 2, Semester 1

- AMB221 Advertising Copywriting
- BSB113 Economics
- BSB114 Government, Business and Society
- LWB136 Contracts A

Year 2, Semester 2

- AMB222 Media Planning
- BSB110 Accounting
- LWB137 Contracts B

Year 3, Semester 1

- AMB320 Advertising Management
- LWB138 Fundamentals Of Torts
- LWB238 Fundamentals Of Criminal Law

Year 3, Semester 2

- AMB321 Advertising Campaigns
- LWB139 Select Issues In Torts
- LWB239 Criminal Responsibility

Year 4, Semester 1

- BSB122 Business Information Analysis and Communication
- LWB143 Legal Research and Writing
- LWB144 Laws and Global Perspectives

Year 4, Semester 2

- LWB138 Fundamentals Of Torts
- LWB238 Fundamentals Of Criminal Law

Year 5, Semester 1

- LWB334 Corporate Law

Year 5, Semester 2

- LWB433 Professional Responsibility

Course structure - Human Resource Management

Award title: Bachelor of Business (Study Area A)/Bachelor of Laws

CRICOS code: 006386F

Location: Gardens Point

Course Design

Students supplement the law component of this program with seven Business faculty core units and one of the following Business majors: Advertising, Banking and Finance, Economics, Human Resource Management, International Business, Management, Marketing or Public Relations, as well as three specialisation units. The three specialisation units must be selected from the series of specialisations provided. Deviation from the defined series of specialisations requires approval from the Director of Undergraduate Studies.

Professional Recognition

The law component of the double degree satisfies the academic requirements for admission to practise as a Solicitor or Barrister in Queensland. For information on the academic requirements of the accrediting bodies recognising study in the Bachelor of Business component, refer to the section on professional recognition in the relevant majors within the Bachelor of Business (BS56) course summary sheet.

Course structure - Advertising

Year 1, Semester 1

- BSB115 Management, People and Organisations

Year 1, Semester 2

- AMB110 Accounting
- AMB220 Advertising Theory and Practice
- BSB119 International and Electronic Business
- LWB143 Legal Research and Writing
- LWB144 Laws and Global Perspectives
### Year 4, Semester 1
- LWB231 Introduction To Public Law
- LWB236 Real Property A
- LWB240 Principles of Equity
- LWB332 Commercial and Personal Property Law
- LWB333 Theories Of Law

### Year 4, Semester 2
- LWB235 Australian Federal Constitutional Law
- LWB237 Real Property B
- LWB241 Trusts
- LWB331 Administrative Law
- LWB334 Corporate Law

### Year 5, Semester 1
- LWB231 Introduction To Public Law
- LWB236 Real Property A
- LWB240 Principles Of Equity
- LWB332 Commercial and Personal Property Law
- LWB333 Theories Of Law

### Year 5, Semester 2
- LWB235 Australian Federal Constitutional Law
- LWB237 Real Property B
- LWB241 Trusts
- LWB331 Administrative Law
- LWB334 Corporate Law
- LWB333 Theories Of Law

### Course structure - International Business

#### Year 1, Semester 1
- BSB110 Accounting
- BSB115 Management, People and Organisations
- BSB119 International and Electronic Business
- BSB121 Legal Institutions and Method
- BSB142 Law, Society and Justice

#### Year 2, Semester 1
- BSB113 Economics
- BSB114 Government, Business and Society
- BSB126 Marketing
- BSB143 Legal Research and Writing
- BSB144 Laws and Global Perspectives

#### Year 3, Semester 1
- BSB122 Business Information Analysis and Communication
- BSB210 Export Management
- BSB215 Management, People and Organisations

#### Year 4, Semester 1
- BSB215 Management, People and Organisations
- BSB231 Introduction To Public Law
- BSB236 Real Property A
- BSB240 Principles Of Equity
- BSB332 Commercial and Personal Property Law
- BSB333 Theories Of Law

### Course structure - Management

#### Year 1, Semester 1
- BSB110 Accounting
- BSB115 Management, People and Organisations
- BSB122 Business Information Analysis and Communication
- LWB141 Legal Institutions and Method
- LWB142 Law, Society and Justice
- Introducation to Legal Research

#### Year 2, Semester 1
- BSB114 Government, Business and Society
- BSB119 International and Electronic Business
- MGB220 Management Research Methods
- LWB143 Legal Research and Writing
- LWB144 Laws and Global Perspectives

### Course structure - Public Relations

#### Year 1, Semester 1
- BSB115 Management, People and Organisations
- BSB122 Business Information Analysis and Communication
- BSB126 Marketing

#### Year 1, Semester 2
- AMB260 Public Relations Theory and Practice
- BSB114 Government, Business and Society
- BSB119 International and Electronic Business
- LWB143 Legal Research and Writing
- LWB144 Laws and Global Perspectives

#### Year 2, Semester 1
- AMB201 Marketing and Audience Research
- AMB261 Media Relations and Publicity
Specialisations

Students should note that not all specialisations will be timetabled in every year or semester. Hence it is important that you confirm that the specialisation in which you are interested is offered. Any deviation from the list of specialisations requires approval from the Faculty of Business, Director of Undergraduate Studies.

Students are required to undertake an alternative specialisation unit where Management Research Methods are incompatible units. Students undertaking Management as a double major should contact the school for enrolment advice. From semester 2, 2003 students who complete both MGB220 & AMB201 will be required to undertake an approved substitute unit to satisfy course requirements.

**Elective Units**

*The units AMB201 Market and Audience Research and MGB220 Management Research Methods are incompatible units. Students undertaking Management as a double major should contact the school for enrolment advice. From semester 2, 2003 students who complete both MGB220 & AMB201 will be required to undertake an approved substitute unit to satisfy course requirements.

**Specialisations**

Students should note that not all specialisations will be timetabled in every year or semester. Hence it is important that you confirm that the specialisation in which you are interested is offered. Any deviation from the list of specialisations requires approval from the Faculty of Business, Director of Undergraduate Studies.

Students are required to undertake an alternative specialisation unit where the same unit constitutes part of their Business major.

**Accounting**

- AYB121 Financial Accounting
- AYB220 Company Accounting
- AYB225 Management Accounting

**Advertising - for students with an Advertising Major**

- AMB330 Advertising Strategy and Planning
- AMB230 Internet Promotion
- AMB231 Marketing Communications Regulations and Ethics
- AMB331 Direct Marketing
- AMB220 Advertising Theory and Practice
- AMB221 Advertising Copywriting
- AMB222 Media Planning

**Banking and Finance- for students with a Banking and Finance major**

- EFB308 Finance 3
- EFB360 Financial Derivatives
- EFB310 Financial Institutions - Control
- EFB311 Financial Institutions - Lending
- EFB318 Portfolio and Security Analysis

**Banking and Finance- for students without a Banking and Finance major**

- EFB210 Finance 1

**Marketing - for students without a Marketing major**

- ABB200 Integrated Marketing Communication
- ABB370 Public Relations and Corporate Communication
- ABB371 Public Relations and Corporate Communication

**Management - for students without an HRM major**

- MGB221 Performance and Reward
- MGB304 Human Resource Information Management
- MGB315 Personal and Professional Development

**International Business- for students with an IB major**

- IBB212 International Marketing
- IBB214 Global Industry Analysis
- IBB215 Cross-Cultural Communication and Negotiation

**Human Resource Management- for students with an HRM major**

- MGB216 Managing Technology, Innovation and Knowledge
- MGB310 Personal and Professional Development
- MGB218 Venture Skills

**International Business- for students without an IB major**

- IBB211 Globalisation and Business
- IBB220 Export Management
- IBB300 International Business Strategy

**Management- for students with a Management major**

- MGB215 Personal and Professional Development
- MGB310 Personal and Professional Development
- MGB315 Personal and Professional Development

**Electronic Business**

- BSB212 Electronic Business Applications
- BSB314 E-Business Intelligence

**Bachelor of Business (Banking and Finance, Economics or Marketing)/Bachelor of Laws (IF41)**

Award title: Bachelor of Business (Study Area A)/Bachelor of Laws

CRICOS code: 006386F

Location: Gardens Point

Course duration (full-time): 5 Years
Total credit points: 528
Standard credit points per semester (full-time): 60
Course coordinator: Mr Andrew Paltridge (Business); Director, Undergraduate Programs (Law)
Discipline coordinator: Dr Scott McCarthy (Banking and Finance); Mr Eugene McCann (Economics); Dr Marilyn Healy (Marketing)

Professional Recognition
The law component of the double degree satisfies the academic requirements for admission to practise as a Solicitor or Barrister in Queensland. For information on the academic requirements of the accrediting bodies recognising study in the Bachelor of Business component, refer to the section on professional recognition in the relevant majors within the Bachelor of Business (BS56) course summary sheet.

Course Design
Students supplement the law component of this program with seven Business faculty core units and one of the following Business majors: Advertising, Banking and Finance, Economics, Human Resource Management, International Business, Management, Marketing or Public Relations, as well as three specialisation units. The three specialisation units must be selected from the series of specialisations provided. Deviation from the defined series of specialisations requires approval from the Director of Undergraduate Studies.

Course structure - Banking and Finance major

Year 1, Semester 1
BSB113 Economics
BSB115 Management, People and Organisations
BSB122 Business Information Analysis and Communication
LWB141 Legal Institutions and Method
LWB142 Law, Society and Justice

Year 1, Semester 2
BSB110 Accounting
BSB126 Marketing
EFB102 Economics 2
LWB143 Legal Research and Writing
LWB144 Laws and Global Perspectives

Year 2, Semester 1
BSB114 Government, Business and Society
EFB101 Data Analysis for Business
OR
Business extended major/specialisation unit
EFB210 Finance 1
LWB136 Contracts A

Year 2, Semester 2
BSB119 International and Electronic Business
EFB307 Finance 2
EFB312 International Finance and Economics
LWB137 Contracts B

Year 3, Semester 1
EFB201 Financial Markets
LWB138 Fundamentals Of Torts
LWB238 Fundamentals Of Criminal Law
Business specialisation unit

Year 3, Semester 2
EFB101 Data Analysis for Business
OR
Business specialisation unit
LWB139 Select Issues In Torts
LWB239 Criminal Responsibility

Year 4, Semester 1
LWB231 Introduction To Public Law
LWB236 Real Property A
LWB240 Principles Of Equity
LWB332 Commercial and Personal Property Law
LWB333 Theories Of Law

Year 4, Semester 2
LWB235 Australian Federal Constitutional Law
LWB237 Real Property B
LWB241 Trusts
LWB331 Administrative Law
LWB334 Corporate Law

Year 5, Semester 1
LWB431 Civil Procedure
LWB432 Evidence
LWB434 Advanced Research and Legal Reasoning
Law elective unit

Year 5, Semester 2
LWB433 Professional Responsibility
Law elective units

Course structure - Economics major

Year 1, Semester 1
BSB110 Accounting
BSB113 Economics
BSB115 Management, People and Organisations

Year 1, Semester 2
BSB122 Business Information Analysis and Communication
BSB126 Marketing
EFB102 Economics 2
LWB143 Legal Research and Writing
LWB144 Laws and Global Perspectives

Year 2, Semester 1
EFB101 Data Analysis for Business
EFB202 Business Cycles and Economic Growth
EFB211 Firms, Markets and Resources
LWB136 Contracts A

Year 2, Semester 2
BSB119 International and Electronic Business
EFB314 International Trade and Economic Competitiveness
EFB323 Financial and Monetary Economics
LWB137 Contracts B

Year 3, Semester 1
BSB114 Government, Business and Society
LWB138 Fundamentals Of Torts
LWB238 Fundamentals Of Criminal Law
Business Specialisation unit

Year 3, Semester 2
LWB139 Select Issues In Torts
LWB239 Criminal Responsibility
Business specialisation unit

Year 4, Semester 1
LWB231 Introduction To Public Law
LWB236 Real Property A
LWB240 Principles Of Equity
LWB332 Commercial and Personal Property Law
LWB333 Theories Of Law

Year 4, Semester 2
LWB235 Australian Federal Constitutional Law
LWB237 Real Property B
LWB241 Trusts
LWB331 Administrative Law
LWB334 Corporate Law

Year 5, Semester 1
LWB431 Civil Procedure
LWB432 Evidence
LWB434 Advanced Research and Legal Reasoning
Law elective unit

Year 5, Semester 2
LWB433 Professional Responsibility
Law elective units

Course structure - Marketing major

Year 1, Semester 1
BSB122 Business Information Analysis and Communication
BSB115 Management, People and Organisations
BSB126 Marketing

Year 1, Semester 2
AMB200 Consumer Behaviour
AMB240 Marketing Planning and Management
BSB119 International and Electronic Business
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LWB143 Legal Research and Writing
LWB144 Laws and Global Perspectives

Year 2, Semester 1
AMB201 Marketing and Audience Research
BSB113 Economics
BSB114 Government, Business and Society
LWB136 Contracts A

Year 2, Semester 2
AMB241 E-Marketing Strategies
BSB110 Accounting
LWB137 Contracts B
Approved Business Specialisation Unit

Year 3, Semester 1
AMB340 Services Marketing
LWB138 Fundamentals Of Torts
LWB238 Fundamentals Of Criminal Law
Approved Business Specialisation Unit

Year 3, Semester 2
AMB341 Strategic Marketing
LWB139 Select Issues In Torts
LWB239 Criminal Responsibility
Approved Business Specialisation Unit

Year 4, Semester 1
LWB231 Introduction To Public Law
LWB236 Real Property A
LWB240 Principles Of Equity
LWB332 Commercial and Personal Property Law
LWB333 Theories Of Law

Year 4, Semester 2
LWB235 Australian Federal Constitutional Law
LWB237 Real Property B
LWB331 Administrative Law
LWB239 Criminal Responsibility
LWB334 Corporate Law

Year 5, Semester 1
LWB431 Civil Procedure
LWB432 Evidence
LWB434 Advanced Research and Legal Reasoning
Law elective unit

Year 5, Semester 2
LWB433 Professional Responsibility
Law elective units

*The units AMB201 Market and Audience Research and MGB220 Management Research Methods are incompatible units. Students undertaking Management as a double major should contact the school for enrolment advice. From semester 2, 2003 students who complete both MGB220 & AMB201 will be required to undertake an approved substitute unit to satisfy course requirements.

Specialisations
Students should note that not all specialisations will be timetabled in every year or semester. Hence it is important that you confirm that the specialisation in which you are interested is offered. Any deviation from the list of specialisations requires approval from the Faculty of Business, Director of Undergraduate Studies. Students are required to undertake an alternative specialisation unit where the same unit constitutes part of their Business major.

Accounting
AYB121 Financial Accounting
AYB220 Company Accounting
AYB225 Management Accounting

Advertising - for students with an Advertising Major
AMB330 Advertising Strategy and Planning

Banking and Finance - for students without a Banking and Finance major
EFB308 Finance 3

Or

Management - for students without a Management major
MGB315 Personal and Professional Development

Human Resource Management - for students with an HRM major
MGB221 Performance and Reward
MGB234 Human Resource Information Management
MGB315 Personal and Professional Development

International Business - for students with an IB major
IBB213 International Marketing
IBB304 Global Industry Analysis
IBB205 Cross-Cultural Communication and Negotiation

International Business - for students without an IB major
IBB211 Globalisation and Business
IBB210 Export Management
IBB300 International Business Strategy

Management - for students with a Management major
MG216 Managing Technology, Innovation and Knowledge
MG215 Personal and Professional Development

Electronic Business
BSB212 Electronic Business Applications
BSB314 E-Business Intelligence

Human Resource Management - for students with an HRM major
MGB221 Performance and Reward
MGB234 Human Resource Information Management
MGB315 Personal and Professional Development

International Business - for students without an IB major
IBB211 Globalisation and Business
IBB210 Export Management
IBB300 International Business Strategy

Management - for students with a Management major
MGB216 Managing Technology, Innovation and Knowledge
MGB215 Personal and Professional Development

Marketing - for students with a Marketing major
IBB213 International Marketing

Marketing - for students without a Marketing major
AMB200 Consumer Behaviour
AMB240 Marketing Planning and Management
AMB341 Strategic Marketing

Public Relations - for students with a PR major
AMB202 Integrated Marketing Communication
AMB370 Public Relations Cases
AM2371 Corporate Communication Strategies

Public Relations - for students without a PR major
AMB260 Public Relations Theory and Practice
AM261 Media Relations and Publicity
AM262 Public Relations Writing
Bachelor of Business Information Management (IF11)
Award title: Bachelor of Business Information Management
Location: Caboolture
Course duration (full-time): 3 Years
Total credit points: 288
Standard credit points per semester (full-time): 48
Course coordinator: Mr Robert Craig

Professional Recognition
Students who graduate form the Bachelor of Business Information Management are eligible for membership of the Australian Institute of Management.

Course structure
**Year 1, Semester 1**
- CTB112 Introduction to Electronic Commerce
- CTB115 Management, People and Organisations
- CTB210 Introduction To Programming - Visual Basic
- CTB225 Introduction to Databases

**Year 1, Semester 2**
- CTB110 Accounting
- CTB126 Marketing
- CTB271 Principles Of Information Management
- CTB751 Introduction To Network Technologies

**Year 2, Semester 1**
- CTB212 Electronic Business Applications
- CTB221 Computerised Accounting Systems
- CTB222 Business Systems Analysis
- CTB219 Application Programming

**Year 2, Semester 2**
- CTB213 Legal Issues In Electronic Business
- CTB223 Creating New Enterprises
- CTB222 Web Applications
- CTB273 Information Issues and Values

**Year 3, Semester 1**
- CTB334 Managing in a Changing Environment
- CTB724 Fundamentals of Enterprise Systems
- Elective

**Year 3, Semester 2**
- CTB335 Project Management
- CTB752 Data Security
- Elective

Mid-year Intake Course structure
**Year 1, Semester 2**
- CTB721 Principles Of Information Management
- CTB751 Introduction To Network Technologies
- CTB110 Accounting
- CTB126 Marketing

**Year 2, Semester 1**
- CTB225 Introduction to Databases
- CTB210 Introduction To Programming - Visual Basic
- CTB112 Introduction to Electronic Commerce
- CTB115 Management, People and Organisations

**Year 2, Semester 2**
- CTB213 Creating New Enterprises
- CTB722 Web Applications
- CTB273 Information Issues and Values

**Year 3, Semester 1**
- CTB219 Application Programming
- CTB222 Business Systems Analysis
- CTB212 Electronic Business Applications
- CTB221 Computerised Accounting Systems

**Year 3, Semester 2**
- CTB752 Data Security
- CTB335 Project Management
- Elective

**Year 4, Semester 1**
- CTB724 Fundamentals of Enterprise Systems
- CTB334 Managing in a Changing Environment

Elective

Bachelor of Business(Accountancy and Economics)/Bachelor of Education (Secondary) (IX03)
Award title: Bachelor of Business (Study Area A)/Bachelor of Education
CRICOS code: 020321F
Location: Gardens Point and Kelvin Grove
Course duration (full-time): 4 years
Total credit points: 432
Standard credit points per semester (full-time): 54 (average)
Course coordinator: Mr Andrew Paltridge (Business), Dr Peter Bond (Education)

Professional Recognition
Students may be eligible for membership of the Economic Society of Australia (Queensland Division), CPA Australia, the Institute of Chartered Accountants in Australia (ICAA), the Institute of Chartered Secretaries and other professional associations, depending on unit selection. The Bachelor of Education (Secondary) is recognised by the Queensland Board of Teacher Registration as meeting the requirements for registration as a teacher in Queensland. Applicants for teacher registration in Queensland are subject to national criminal history checks.

Field Experience Requirement
As required by Queensland’s Child Protection Act, students must undergo national criminal history checks (which must be renewed every two years) prior to undertaking field experience.

Course structure
**Year 1, Semester 1**
- BSB110 Accounting
- BSB113 Economics
- BSB122 Business Information Analysis and Communication
- EDB002 Teaching and Learning Studies II: Development and Learning

**Year 1, Semester 2**
- AYB121 Financial Accounting
- BSB111 Business Law and Ethics
- EFB101 Data Analysis for Business
- EFB102 Economics 2
- EDB031 Secondary Field Studies 1: Development and Learning in the Field

**Year 2, Semester 1**
- AYB220 Company Accounting
- EFB202 Business Cycles and Economic Growth
- EFB210 Finance 1
- EFB211 Firms, Markets and Resources
- CLB009 Accounting and Business Management Curriculum Studies 1

**Year 2, Semester 2**
- AYB221 Computerised Accounting Systems
- AYB225 Management Accounting
- BSB119 International and Electronic Business
- EFB314 International Trade and Economic Competitiveness
- EFB323 Financial and Monetary Economics
- * Prior to 2000 EFB305 Current Economic Policy Challenges was a core unit in the Economics Major. Students who have completed this unit are not required to undertake EFB323 Financial and Monetary Economics.

**Year 3, Semester 1**
- AYB301 Auditing
- BSB114 Government, Business and Society
- BSB115 Management, People and Organisations
- BSB126 Marketing
- CLB015 Economics Curriculum Studies 1

**Year 3, Semester 2**
- EDB003 Teaching and Learning Studies 3: Practising Education
- EDB032 Secondary Field Studies II: Practising Education in the Field
- CLB010 Accounting/Business Management Curriculum Studies 2
- CLB016 Economics Curriculum Studies 2

**Year 4, Semester 1**
- EDB004 Teaching & Learning Studies IV: Inclusive Education
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EDB033 Secondary Field Studies III: Immersion in Inclusive Educational Practices
CLB011 Accounting/Business Management Curriculum Studies 3
CLB017 Economics Curriculum Studies 3

Year 4, Semester 2
EDB005 Teaching and Learning Studies V: Professional Work of Teachers
EDB034 Secondary Field Studies IV: Professional Work of Teachers: Induction into Practice
EDB035 Internship (Secondary)

Education Elective

Bachelor of Business/Bachelor of Information Technology (IF48)

Award title: Bachelor of Business (Study Area A)/Bachelor of Information Technology
CRICOS code: 022137A
Location: Gardens Point
Course duration (full-time): 8 or 9 Semesters
Total credit points: 432

Standard credit points per semester (full-time): 54 (average) for 8 semesters; 48 fpr 9 semesters

Course coordinator: Dr Alan Tickle (InfoTech); Mr Andrew Paltridge (Business)
Discipline coordinator: Dr John Sweeting (Accountancy); Ms Gayle Kerr (Advertising); Dr Scott McCarthy (Banking and Finance); Mr Eugene McCann (Economics); Ms Sherrena Buckby (Electronic Business); Ms Amanda Gudmundsson (Human Resource Management); Mr Tom Cronk (International Business); Professor Robert Walderssee (Management); Ms Cathy Neal (Marketing); Ms Robina Xavier (Public Relations)

Cooperative Education Program
An optional one-year period of paid work experience in an area of information technology is available to eligible full-time students. The Cooperative Education Program is a joint venture between employers and educators to better prepare students for employment upon graduation. Companies that QUT’s Cooperative Education students have worked with include Energex, Boeing, CITEC, Global Banking and Securities Transaction, various Queensland Government departments, Dialog, TABQ, RACQ and Sun Microsystems.

Professional recognition
Students completing the Bachelor of Business degree may, subject to choice of major, extended major, or specialisation, satisfy the academic requirements for membership of: CPA Australia, Institute of Chartered Accountants in Australia (ICAA), Australasian Institute of Banking and Finance (AIBF), Economic Society of Australia (Qld), Australian Institute of Export (Qld) Ltd, Advertising Institute of Australia, Public Relations Institute of Australia, Australian Human Resources Institute, Australian Institute of Management, Australian Institute of Training and Development, Australian Marketing Institute, Market Research Society of Australia and American Marketing Association. Graduates of the Bachelor of Information Technology meet the knowledge requirement for admission to the Australian Computer Society.

Business Faculty Core units
Students must complete:
BSB110 Accounting
BSB113 Economics
BSB115 Management, People & Organisations
BSB122 Business Information Analysis & Communication
Plus a choice of two Faculty Core units:
BSB111 Business Law and Ethics
BSB114 Government, Business & Society
BSB119 International and Electronic Business
BSB126 Marketing

NOTE: Faculty Core choice units have been pre-selected for some majors in order to meet pre-requisite and professional recognition requirements.

Course structure - Accountancy (for students seeking professional recognition)

Year 1, Semester 1
ITB111 Software Development 1
ITB115 Introduction to Databases
ITB116 IT Professional Studies 1
BSB122 Business Information Analysis and Communication

Year 1, Semester 2
BSB110 Accounting
BSB111 Business Law and Ethics
BSB113 Economics
ITB117 IT Professional Studies 2

Year 2, Semester 1
AYB121 Financial Accounting
AYB223 Law of Business Associations
BSB115 Management, People and Organisations
EFB101 Data Analysis for Business

Year 2, Semester 2
ITB114 Networking Systems
ITB118 ICT Systems Life Cycle
ITB227 Web Applications
ITB229 Information Systems Modelling

Year 3, Semester 1
AYB220 Company Accounting
AYB221 Computerised Accounting Systems
BSB114 Government, Business and Society
EFB110 Finance 1

Year 4, Semester 1
ITB218 Applications Programming
ITB222 Business Systems Analysis
ITB232 Database Systems

Year 4, Semester 2
ITB228 Enterprise Systems
IT Elective Unit
IT Elective Unit
IT Elective Unit

Year 5, Semester 1
AYB311 Financial Accounting Issues
AYB321 Strategic Management Accounting
ITB240 Project (Information Systems)
IT Elective Unit

Course structure - Accountancy (for students not seeking professional recognition)

Year 1, Semester 1
ITB111 Software Development 1
ITB115 Introduction to Databases
ITB116 IT Professional Studies 1
BSB122 Business Information Analysis and Communication

Year 1, Semester 2
BSB110 Accounting
BSB113 Economics
Choice of Business Faculty Core Unit
ITB117 IT Professional Studies 2

Year 2, Semester 1
AYB121 Financial Accounting
BSB115 Management, People and Organisations
EFB101 Data Analysis for Business
Double Major / Specialisation Unit

Year 2, Semester 2
ITB114 Networking Systems
ITB118 ICT Systems Life Cycle
ITB227 Web Applications
ITB229 Information Systems Modelling

Year 3, Semester 1
AYB220 Company Accounting
Choice of Business Faculty Core Unit
Double Major / Specialisation Unit
Double Major / Specialisation Unit
UNIVERSITY-WIDE AND INTERFACULTY COURSES

Year 3, Semester 2
AYB221 Computerised Accounting Systems
AYB225 Management Accounting
Double Major / Specialisation Unit
Double Major / Specialisation Unit

Year 4, Semester 1
ITB218 Applications Programming
ITB222 Business Systems Analysis
ITB232 Database Systems
IT Elective Unit

Year 4, Semester 2
ITB228 Enterprise Systems
IT Elective Unit
IT Elective Unit
IT Elective Unit

Year 5, Semester 1
AYB301 Auditing
ITB240 Project (Information Systems)
Double Major / Specialisation Unit

Course structure - Advertising
Year 1, Semester 1
ITB111 Software Development 1
ITB115 Introduction to Databases
ITB116 IT Professional Studies 1
BSB122 Business Information Analysis and Communication

Year 1, Semester 2
BSB115 Management, People and Organisations
BSB126 Marketing
ITB117 IT Professional Studies 2
Choice of Business Faculty core unit

Year 2, Semester 1
AMB200 Consumer Behaviour
AMB220 Advertising Theory and Practice
BSB113 Economics
Double Major / Extended Major / Specialisation Unit

Year 2, Semester 2
ITB114 Networking Systems
ITB118 ICT Systems Life Cycle
ITB227 Web Applications
ITB229 Information Systems Modelling

Year 3, Semester 1
AMB221 Advertising Copywriting
AMB222 Media Planning
Double Major / Extended Major / Specialisation Unit
Double Major / Extended Major / Specialisation Unit

Year 3, Semester 2
AMB320 Advertising Management
BSB110 Accounting
Double Major / Extended Major / Specialisation Unit
Double Major / Extended Major / Specialisation Unit

Year 4, Semester 1
ITB218 Applications Programming
ITB222 Business Systems Analysis
ITB232 Database Systems
IT Elective Unit

Year 4, Semester 2
ITB228 Enterprise Systems
IT Elective Unit
IT Elective Unit
IT Elective Unit

Year 5, Semester 1
ITB240 Project (Information Systems)
Double Major / Extended Major / Specialisation Unit
Double Major / Extended Major / Specialisation Unit

Course structure - Banking & Finance
Year 1, Semester 1
ITB111 Software Development 1
ITB115 Introduction to Databases
ITB116 IT Professional Studies 1
BSB122 Business Information Analysis and Communication

Year 1, Semester 2
BSB110 Accounting
BSB113 Economics
Choice of Business faculty core unit
ITB117 IT Professional Studies 2

Year 2, Semester 1
BSB115 Management, People and Organisations
EBF101 Data Analysis for Business
EBF102 Economics 2
EBF210 Finance 1

Year 2, Semester 2
ITB114 Networking Systems
ITB118 ICT Systems Life Cycle
ITB227 Web Applications
ITB229 Information Systems Modelling

Year 3, Semester 1
EBF201 Financial Markets
Choice of Business faculty core unit
Double Major / Extended Major / Specialisation Unit
Double Major / Extended Major / Specialisation Unit

Year 3, Semester 2
EBF307 Finance 2
EBF312 International Finance and Economics
Double Major / Extended Major / Specialisation Unit
Double Major / Extended Major / Specialisation Unit

Year 4, Semester 1
ITB218 Applications Programming
ITB222 Business Systems Analysis
ITB232 Database Systems
IT Elective Unit

Year 4, Semester 2
ITB228 Enterprise Systems
IT Elective Unit
IT Elective Unit
IT Elective Unit

Year 5, Semester 1
ITB240 Project (Information Systems)
Double Major / Extended Major / Specialisation Unit
Double Major / Extended Major / Specialisation Unit

Course structure - Economics
Year 1, Semester 1
ITB111 Software Development 1
ITB115 Introduction to Databases
ITB116 IT Professional Studies 1

Year 1, Semester 2
BSB110 Accounting
BSB113 Economics
ITB117 IT Professional Studies 2
Choice of Business faculty core unit

Year 2, Semester 1
BSB115 Management, People and Organisations
EBF101 Data Analysis for Business
EBF102 Economics 2
Choice of Business faculty core unit

Year 2, Semester 2
ITB114 Networking Systems
ITB118 ICT Systems Life Cycle
ITB227 Web Applications
ITB229 Information Systems Modelling

Year 3, Semester 1
EBF202 Business Cycles and Economic Growth
EBF211 Firms, Markets and Resources
Double Major / Extended Major / Specialisation Unit
Double Major / Extended Major / Specialisation Unit

Year 3, Semester 2
EBF314 International Trade and Economic Competitiveness
EBF323 Financial and Monetary Economics
Double Major / Extended Major / Specialisation Unit
Double Major / Extended Major / Specialisation Unit

Year 4, Semester 1
ITB218 Applications Programming
ITB222 Business Systems Analysis
ITB232 Database Systems
IT Elective Unit

Year 4, Semester 2
ITB228 Enterprise Systems
IT Elective Unit
IT Elective Unit
IT Elective Unit

Year 5, Semester 1
ITB240 Project (Information Systems)
Course structure - Electronic Business

Year 1, Semester 1
ITB111 Software Development 1
ITB115 Introduction to Databases
ITB116 IT Professional Studies 1
BSB122 Business Information Analysis and Communication

Year 1, Semester 2
BSB110 Accounting
BSB111 Business Law and Ethics
BSB119 International and Electronic Business
ITB117 IT Professional Studies 2

Year 2, Semester 1
BSB113 Economics
BSB115 Management, People and Organisations
BSB212 Electronic Business Applications
Business Double Major Unit

Year 2, Semester 2
ITB114 Networking Systems
ITB118 ICT Systems Life Cycle
ITB227 Web Applications
ITB229 Information Systems Modelling

Year 3, Semester 1
MGB334 Managing in a Changing Environment
Electronic Business Elective
Business Double Major Unit

Year 3, Semester 2
BSB213 Legal Issues in Electronic Business
BSB314 E-Business Intelligence
Electronic Business Elective unit
Business Double Major unit

Year 4, Semester 1
ITB218 Applications Programming
ITB222 Business Systems Analysis
ITB232 Database Systems
IT Elective Unit

Year 4, Semester 2
ITB228 Enterprise Systems
IT Elective Unit
IT Elective Unit
IT Elective Unit

Year 5, Semester 1
MGB314 Organisational Consulting and Change
ITB240 Project (Information Systems)

Course structure - International Business

Year 1, Semester 1
ITB111 Software Development 1
ITB115 Introduction to Databases
ITB116 IT Professional Studies 1
BSB122 Business Information Analysis and Communication

Year 1, Semester 2
ITB114 Networking Systems
ITB118 ICT Systems Life Cycle
ITB227 Web Applications
ITB229 Information Systems Modelling

Year 2, Semester 1
BSB113 Economics
BSB115 Management, People and Organisations
BSB119 International and Electronic Business
ITB117 IT Professional Studies 2
Choice of Business faculty core unit

Year 2, Semester 2
ITB228 Enterprise Systems
IT Elective Unit
IT Elective Unit
IT Elective Unit

Year 3, Semester 1
ITB240 Project (Information Systems)

Year 3, Semester 2
IBB303 International Logistics
IBB305 International Economics

Year 4, Semester 1
IBB211 Globalisation and Business
IBB202 Business and the World Economy

Year 4, Semester 2
IBB210 Export Management
Double Major / Extended Major / Specialisation Unit

Year 5, Semester 1
IBB202 Business and the World Economy
IBB211 Globalisation and Business
Area Study 2
Double Major / Extended Major / Specialisation Unit

Year 5, Semester 2
ITB305 Strategic Management
Double Major / Extended Major / Specialisation Unit

Course structure - Human Resource Management

Year 1, Semester 1
ITB111 Software Development 1
ITB115 Introduction to Databases
ITB116 IT Professional Studies 1
BSB122 Business Information Analysis and Communication

Year 1, Semester 2
BSB113 Economics
BSB115 Management, People and Organisations
ITB117 IT Professional Studies 2
Choice of Business Faculty core unit

Year 2, Semester 1
BSB110 Accounting
MGB207 Human Resource Issues and Strategy
MGB220 Management Research Methods
MGB222 Managing Organisations

Year 2, Semester 2
ITB114 Networking Systems
ITB118 ICT Systems Life Cycle
ITB227 Web Applications
ITB229 Information Systems Modelling

Year 3, Semester 1
MGB211 Organisational Behaviour
Double Major / Extended Major / Specialisation Unit

Year 3, Semester 2
MGB309 Strategic Management
Double Major / Extended Major / Specialisation Unit

Year 4, Semester 1
ITB218 Applications Programming
ITB222 Business Systems Analysis
ITB232 Database Systems
IT Elective Unit

Year 5, Semester 1
MGB314 Organisational Consulting and Change
ITB240 Project (Information Systems)

Area Study Units:
IBB217 Asian Business Development
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IT Elective Units
See Bachelor of Applied Science/Bachelor of Information Technology (IF29) for details.

Bachelor of Creative Industries (Communication Design)/Bachelor of Information Technology (IF90)

Award title: Bachelor of Creative Industries (Communication Design)/Bachelor of Information Technology
CRICOS code: 040317C
Location: Gardens Point and Kelvin Grove
Course duration (full-time): 4 years
Total credit points: 384
Standard credit points per semester (full-time): 48
Course coordinator: Ms Angelina Russo (Creative Industries) ; Dr Alan Tickle (Info Tech)
Discipline coordinator: Ms Angelina Russo (Creative Industries)

Cooperative Education Program
An optional one-year period of paid work experience in an area of information technology is available to eligible full-time students. The Cooperative Education Program is a joint venture between employers and educators to better prepare students for employment upon graduation. Companies that QUT’s Cooperative Education students have worked with include Energex, Boeing, CITEC, Global Banking and Securities Transaction, various Queensland Government departments, Dialog, TABQ, RACQ and Sun Microsystems.

Professional Recognition
Graduates of the Bachelor of Information Technology component meet the knowledge requirements for admission to the Australian Computer Society (ACS).

Course structure
Year 1, Semester 1
KIB8001 Foundations Of Communication Design 1
KIB8007 Media Technology 1
ITB1111 Software Development 1
ITB1113 Systems Architecture

Year 1, Semester 2
KIB8002 Foundations Of Communication Design 2
KIB8008 Media Technology 2
ITB1112 Software Development 2
ITB1115 Introduction to Databases

Year 2, Semester 1
Creative Industries Core Unit
KIB803 Temporal Media
ITB1114 Networking Systems
ITB1116 IT Professional Studies 1

Year 2, Semester 2
KIB8112 Interdisciplinarity for the Creative Industries
ITB2299 Information Systems Modelling
ITB610 Software Development 3
ITB624 Internetworking

Year 3, Semester 1
KIB8005 Design Project A
KIB8009 Interaction Design
KIB810 Information Architecture
IT Elective Unit

Year 3, Semester 2
KIB8004 3-D Animation 1
ITB612 Software Engineering Principles
ITB611 Object Technology
ITB648 Graphics
### University-Wide and Interfaculty Courses

**Year 3, Semester 1**

- KWB370 Electronic Creative Writing
- KWB381 Creative Nonfiction: Arts, Humour, Travel
- LWB138 Fundamentals Of Tort
- LWB238 Fundamentals Of Criminal Law

**Year 3, Semester 2**

- KWB399 The Writing and Publishing Industry
- KWB395 Creative Writing Project 1 [12cp]
- LWB139 Select Issues In Torts
- LWB239 Criminal Responsibility

**Year 4, Semester 1**

- LWB231 Introduction To Public Law
- LWB236 Real Property A
- LWB240 Principles Of Equity
- LWB332 Commercial and Personal Property Law
- LWB333 Theories Of Law

**Year 4, Semester 2**

- LWB235 Australian Federal Constitutional Law
- LWB237 Real Property B
- LWB241 Trusts
- LWB331 Administrative Law
- LWB334 Corporate Law

**Year 5, Semester 1**

- LWB431 Civil Procedure
- LWB432 Evidence
- LWB434 Advanced Research and Legal Reasoning

**Year 5, Semester 2**

- LWB433 Professional Responsibility

**List A: Creative Industries Core Units**

- KKB008 Narrative in the Creative Industries
- KKB018 Creative Industries
- KKB019 Introduction To Multimedia Technology
- KKB018 Writing For Creative Industries
- KKB018 Introduction To Professional Writing

**Creative Industries Open Electives**

These unit offerings are current at the time of publication but are subject to change. Creative Industries students may choose elective units from the following list OR from outside the Faculty area subject to the following guidelines:

- students cannot select a unit that forms part of the compulsory units of their course or the compulsory units of their chosen submajor area.
- students must obey any elective rules as set out in their course summary sheet
- students must have successfully completed any pre/co-requisite units applicable
- the offering of elective units is subject to sufficient student enrolment numbers and staff availability
- some units are subject to quota restrictions

**Semester 1**

- KCB101 Communication in the New Economy
- KCB104 Basic Law
- KCB106 Media Studies
- KCB202 Environmental Law
- KCB204 Globalisation and New Media
- KCB205 International Media

**Semester 2**

- KCB101 Communication in the New Economy
- KCB204 Globalisation and New Media
- KCB205 International Media

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**Bachelor of Creative Industries (Dance)/Bachelor of Education (Secondary) (IX05)**

**Award title:** Bachelor of Creative Industries (Dance)/Bachelor of Education

**CRICOS code:** 040314F

**Location:** Kelvin Grove and Carseldine

**Course duration (full-time):** 4 years

**Total credit points:** 432

**Standard credit points per semester (full-time):** 54 (average)

**Course coordinator:** Mr Evan Jones (Creative Industries); Dr Peter Bond (Education)

**Discipline coordinator:** Assoc Prof Cheryl Stock (Creative Industries)
**Professional Recognition**
The Bachelor of Education (Secondary) is recognised by the Queensland Board of Teacher Registration as meeting the requirements for registration as a teacher in Queensland. Applicants for teacher registration in Queensland are subject to national criminal history checks.

**Field Experience Requirement**
As required by Queensland’s Child Protection Act, students must undergo national criminal history checks (which must be renewed every two years) prior to undertaking field experience.

**Dance with STA in English, Film and Media, Geography, History or LOTE**

**Year 1, Semester 1**
- Creative Industries Core Unit - List A
- KDB180 Dance Technique Studies 1
- KDX104 Architecture Of The Body
- KDB172 World Dance
- Second Teaching Area Unit

**Year 1, Semester 2**
- Creative Industries Core Unit - List A
- KDX143 Choreographic Studies 1
- KDB114 Australian Dance
- Second Teaching Area Unit
- Select one of the following units:
  - KDB181 Dance Technique Studies 2
  - KDB171 Theatre Dance Styles
  - KDB176 Popular Dance Styles

**Year 2, Semester 1**
- KDB182 Dance Technique Studies 3
- KDX144 Choreographic Studies 2
- KDB125 Deconstructing Dance In History
- KDB117 Dance In Education
- Second Teaching Area Unit

**Year 2, Semester 2**
- KDB183 Dance Technique Studies 4
- KDB106 Dance Analysis
- KDX144 Choreographic Studies 2
- KDB171 Theatre Dance Styles
- Select two of the following two units
  - KDB176 Popular Dance Styles
  - KDB221 Integrated Professional Skills

**Dance with STA in Drama**

**Year 1, Semester 1**
- Creative Industries Core Unit - List A
- KDB180 Dance Technique Studies 1
- KDX104 Architecture Of The Body
- KDB125 Deconstructing Dance In History
- KTB257 Studies In Acting 1

**Year 1, Semester 2**
- Creative Industries Core Unit - List A
- KDX143 Choreographic Studies 1
- KDB114 Australian Dance
- KDB181 Dance Technique Studies 2
- KDB171 Theatre Dance Styles
- KDB176 Popular Dance Styles

**Year 2, Semester 1**
- KDB182 Dance Technique Studies 3
- KDX144 Choreographic Studies 2
- KDB117 Dance In Education
- KDB171 Theatre Dance Styles
- KDB176 Popular Dance Styles

**Year 2, Semester 2**
- KDB183 Dance Technique Studies 4
- KDB106 Dance Analysis
- KDX144 Choreographic Studies 2
- KMB633 Core Musicianship 2
- Select one of the following units:
  - KMB640 Sex, Drugs, Rock N Roll

**Dance with STA in Music**

**Year 1, Semester 1**
- Creative Industries Core Unit - List A
- KDB180 Dance Technique Studies 1
- KDX104 Architecture Of The Body
- KDB125 Deconstructing Dance In History
- Select one of the following units:
  - KMB621 Sound Recording and Acoustics
  - KMB631 World Music
  - KMB640 Sex, Drugs, Rock N Roll

**Year 1, Semester 2**
- Creative Industries Core Unit - List A
- KDX143 Choreographic Studies 1
- KDB114 Australian Dance
- KMB619 Music and Sound Technology
- Select one of the following units:
  - KMB621 Sound Recording and Acoustics
  - KMB640 Sex, Drugs, Rock N Roll

**Year 2, Semester 1**
- KDB182 Dance Technique Studies 3
- KDX144 Choreographic Studies 2
- KDB117 Dance In Education
- KMB632 Core Musicianship 1
- Select one of the following units:
  - KMB640 Sex, Drugs, Rock N Roll

**Year 2, Semester 2**
- KDB183 Dance Technique Studies 4
- KDB106 Dance Analysis
- KDX144 Choreographic Studies 2
- KMB633 Core Musicianship 2
- Select one of the following units:
  - KMB640 Sex, Drugs, Rock N Roll

**Dance with STA in Visual Arts**

**Year 1, Semester 1**
- Creative Industries Core Unit - List A
- KDB180 Dance Technique Studies 1
- KDX104 Architecture Of The Body
- KDB125 Deconstructing Dance In History
- Select one of the following units:
  - KVB447 Drawing
  - KVB457 Sculpture
  - KVB503 Clay Materials
  - KVB509 Photomedia and Artistic Practice

**Year 1, Semester 2**
- Creative Industries Core Unit - List A
- KDX143 Choreographic Studies 1
- KDB114 Australian Dance
- KVB701 Modernism
- Select one of the following units:
  - KDB181 Dance Technique Studies 2
  - KDB171 Theatre Dance Styles
  - KDB176 Popular Dance Styles

**Year 2, Semester 1**
- KDB182 Dance Technique Studies 3
- KDX144 Choreographic Studies 2
- KDB117 Dance In Education
- KVB702 Australian and Indigenous Art
- Select one of the following units:
  - KVB447 Drawing
  - KVB457 Sculpture
  - KVB503 Clay Materials
  - KVB509 Photomedia and Artistic Practice

**Year 2, Semester 2**
- KDB183 Dance Technique Studies 4
- KDB106 Dance Analysis
- KDX144 Choreographic Studies 2
- KDB171 Theatre Dance Styles
- Select one of the following units:
  - KDB176 Popular Dance Styles
  - KDB221 Integrated Professional Skills
Select two of the following units:
KVB447 Drawing
KVB457 Sculpture
KVB503 Clay Materials
KVB507 Painting
KVB509 Photomedia and Artistic Practice

**List A: Creative Industries Core Units**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>KKB008</td>
<td>Narrative in the Creative Industries</td>
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<td>KKB418</td>
<td>Cultures and Creativity</td>
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<td>Writing For Creative Industries</td>
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<td>KKB818</td>
<td>Introduction To Multimedia Technology</td>
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**EDUCATION COMPONENT**

**Year 3, Semester 1**

- EDB003 Teaching and Learning Studies 3: Practising Education
- KDB201 Dance Curriculum Studies 1
  - Curriculum Studies 1Y

**Year 3, Semester 2**

- EDB003 Teaching and Learning Studies 3: Practising Education
- KDB202 Dance Curriculum Studies 2
  - Curriculum Studies 2Y

**Year 4, Semester 1**

- EDB0004 Teaching and Learning Studies IV: Inclusive Education
- EDB0033 Secondary Field Studies III: Immersion in Inclusive Educational Practices
- KDB203 Dance Curriculum Studies 3
  - Curriculum Studies 3Y

**Year 4, Semester 2**

- EDB0005 Teaching and Learning Studies V: Professional Work of Teachers
- EDB0034 Secondary Field Studies VI: Professional Work of Teachers: Induction into Practice
- EDB0035 Internship (Secondary)
  - Education Elective

**Curriculum Studies - Second Teaching Area**

**Curriculum Studies 1**

- KVB301 Art Curriculum Studies 1
- KTB201 Drama Curriculum Studies 1
- CLB018 English Curriculum Studies 1
- CLB024 Film and Media Curriculum Studies 1
- CLB027 Geography Curriculum Studies 1
- CLB030 History Curriculum Studies 1
- CLB036 LOTE Curriculum Studies 1
- KMB201 Music Curriculum Studies 1

**Curriculum Studies 2**

- KVB302 Art Curriculum Studies 2
- KTB202 Drama Curriculum Studies 2
- CLB019 English Curriculum Studies 2
- CLB025 Film and Media Curriculum Studies 2
- CLB028 Geography Curriculum Studies 2
- CLB031 History Curriculum Studies 2
- CLB037 LOTE Curriculum Studies 2
- KMB202 Music Curriculum Studies 2

**Curriculum Studies 3**

- KVB303 Art Curriculum Studies 3
- KTB203 Drama Curriculum Studies 3
- CLB020 English Curriculum Studies 3
- CLB026 Film and Media Curriculum Studies 3
- CLB029 Geography Curriculum Studies 3
- CLB032 History Curriculum Studies 3
- CLB038 LOTE Curriculum Studies 3
- KMB203 Music Curriculum Studies 3

**Bachelor of Creative Industries (Drama)/Bachelor of Education (Secondary) (IX06)**

- **Award title**: Bachelor of Creative Industries (Drama)/Bachelor of Education
- **CRICOS code**: 040315E
- **Location**: Kelvin Grove and Carseldine
- **Course duration (full-time)**: 4 years
- **Total credit points**: 432
- **Standard credit points per semester (full-time)**: 54 (Average)
- **Course coordinator**: Ms Christine Comans (Creative Industries);
  Dr Peter Bond (Education)
- **Discipline coordinator**: Assoc Prof Judith McLean (Creative Industries)

**Professional Recognition**

The Bachelor of Education (Secondary) is recognised by the Queensland Board of Teacher Registration as meeting the requirements for registration as a teacher in Queensland. Applicants for teacher registration in Queensland are subject to national criminal history checks.

**Field Experience Requirement**

As required by Queensland’s Child Protection Act, students must undergo national criminal history checks (which must be renewed every two years) prior to undertaking field experience.

**Drama with STA other than Dance, Music, Visual Art and LOTE**

**Year 1, Semester 1**

- Creative Industries Faculty Core Unit - List A
  - KTB257 Studies In Acting 1
  - KSB259 The Performance Instrument: Body and Voice
  - Second Teaching Area Unit

**Year 1, Semester 2**

- KTB251 20th Century Stages
- KTB271 Studies In Directing
- KTB273 Performance 1
  - KSB278 Technical Theatre
  - Second Teaching Area Unit

**Year 2, Semester 1**

- Creative Industries Core Unit - List A
  - KTB214 Process Drama
  - KTB308 Performance 2
    - Elective - List B
    - Second Teaching Area Unit

**Year 2, Semester 2**

- KTB272 Drama and Community Cultural Development
  - KTB280 Drama As Social Action
  - KTB304 Forming Knowledge
    - Elective - List B
    - Second Teaching Area Unit

**Year 3, Semester 1**

- EDB0034 Secondary Field Studies IV: Practising Education
- EDB0301 Secondary Field Studies III: Immersion in Inclusive Educational Practices
- KTB253 Staging Australia
  - KTB201 Drama Curriculum Studies 1
  - Curriculum Studies 1Y

**Year 3, Semester 2**

- EDB003 Teaching and Learning Studies 3: Practising Education
- EDB031 Secondary Field Studies II: Practising Education in the Field
  - KTB202 Drama Curriculum Studies 2
  - Curriculum Studies 2Y

**Year 4, Semester 1**

- EDB004 Teaching and Learning Studies IV: Inclusive Education
- EDB003 Secondary Field Studies III: Immersion in Inclusive Educational Practices
- KTB253 Staging Australia
  - KTB201 Drama Curriculum Studies 1
  - Curriculum Studies 1Y

**Year 4, Semester 2**

- EDB004 Teaching and Learning Studies 4: Professional Work of Teachers
- EDB034 Secondary Field Studies IV: Professional Work of Teachers: Induction into Practice
  - EDB035 Internship (Secondary)
  - Education Elective

**Drama with STA in Dance**

**Year 1, Semester 1**

- Creative Industries Core Unit - List A
- KTB257 Studies In Acting 1
- KSB259 The Performance Instrument: Body and Voice
- KDX104 Architecture Of The Body

**Year 1, Semester 2**

- Creative Industries Core Unit - List A
UNIVERSITY-WIDE AND INTERFACULTY COURSES

KDB114 Australian Dance
KTB251 20th Century Stages
KTB271 Studies In Directing
KTB273 Performance 1

Year 2, Semester 1
KDB182 Dance Technique Studies 3
KDB117 Dance In Education
KTB214 Process Drama
KTB308 Performance 2
KSB278 Technical Theatre

Year 2, Semester 2
KDB106 Dance Analysis
KDX143 Choreographic Studies 1
KTB272 Drama and Community Cultural Development
KTB280 Drama As Social Action
KTB304 Forming Knowledge

Year 3, Semester 1
EDB002 Teaching and Learning Studies 2: Development and Learning
EDB031 Secondary Field Studies 1: Development and Learning in the Field
KTB253 Staging Australia
KTB201 Drama Curriculum Studies 1
KDB201 Dance Curriculum Studies 1

Year 3, Semester 2
EDB003 Teaching and Learning Studies 3: Practising Education
EDB032 Secondary Field Studies II: Practising Education in the Field
KTB202 Drama Curriculum Studies 2
KDB203 Dance Curriculum Studies 2

Year 4, Semester 1
EDB004 Teaching and Learning Studies IV: Inclusive Education
EDB033 Secondary Field Studies III: Immersion in Inclusive Educational Practices
KTR203 Drama Curriculum Studies 3
CLB038 LOTE Curriculum Studies 3

Year 4, Semester 2
EDB005 Teaching and Learning Studies V: Professional Work of Teachers
EDB034 Secondary Field Studies IV: Professional Work of Teachers: Induction into Practice
EDB035 Internship (Secondary) Education Elective

Drama with STA in Music
Year 1, Semester 1
Creative Industries Core Unit - List A
KTB257 Studies In Acting 1
KSB259 The Performance Instrument: Body and Voice
Select one unit from:
KMB621 Sound Recording and Acoustics
KMB631 World Music
KMB640 Sex, Drugs, Rock N Roll

Year 1, Semester 2
Creative Industries Core Unit - List A
KTB251 20th Century Stages
KTB271 Studies In Directing
KTB273 Performance 1
KMB619 Music and Sound Technology

Year 2, Semester 1
KTB214 Process Drama
KTB308 Performance 2
KSB278 Technical Theatre
Select one unit from:
KMB621 Sound Recording and Acoustics
KMB623 Conducting
KMB631 World Music
KMB640 Sex, Drugs, Rock N Roll

Year 2, Semester 2
KTB272 Drama and Community Cultural Development
KTB280 Drama As Social Action
KTB304 Forming Knowledge
Select one unit from:
KMB617 Arranging
KMB638 Sound and Image
KMB648 The Music Scene

Year 3, Semester 1
EDB002 Teaching and Learning Studies 2: Development and Learning
EDB031 Secondary Field Studies 1: Development and Learning in the Field
KTB253 Staging Australia
KTB201 Drama Curriculum Studies 1
KMB201 Music (Secondary) Curriculum Studies 1

Year 3, Semester 2
EDB003 Teaching and Learning Studies 3: Practising Education
EDB032 Secondary Field Studies II: Practising Education in the Field
KTB202 Drama Curriculum Studies 2
KMB202 Music (Secondary) Curriculum Studies 2

Year 4, Semester 1
EDB004 Teaching and Learning Studies IV: Inclusive Education
EDB033 Secondary Field Studies III: Immersion in Inclusive Educational Practices
KTR203 Drama Curriculum Studies 3
KMB203 Music (Secondary) Curriculum Studies 3

Year 4, Semester 2
EDB005 Teaching and Learning Studies V: Professional Work of Teachers
EDB034 Secondary Field Studies IV: Professional Work of Teachers: Induction into Practice
EDB035 Internship (Secondary) Education Elective

Drama with STA in Visual Arts
Year 1, Semester 1
Creative Industries Core Unit - List A
KTB257 Studies In Acting 1
KSB259 The Performance Instrument: Body and Voice
Select one of the following:
KVB447 Drawing
KVB457 Sculpture

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Creative Industries Open Electives
See Bachelor of Creative Industries (Creative Writing)/Bachelor of Laws (IF93) for details.

Curriculum Studies - Second Teaching Area

Curriculum Studies 1
CLB018 English Curriculum Studies 1
CLB024 Film and Media Curriculum Studies 1
CLB027 Geography Curriculum Studies 1
CLB030 History Curriculum Studies 1

Curriculum Studies 2
CLB019 English Curriculum Studies 2
CLB025 Film and Media Curriculum Studies 2
CLB028 Geography Curriculum Studies 2
CLB031 History Curriculum Studies 2

Curriculum Studies 3
CLB020 English Curriculum Studies 3
CLB026 Film and Media Curriculum Studies 3
CLB029 Geography Curriculum Studies 3
CLB032 History Curriculum Studies 3

Bachelor of Creative Industries (Media and Communication)/Bachelor of Business (IF09)

Award title: Bachelor of Creative Industries (Media and Communication)/Bachelor of Business
CRICOS code: 040286E
Location: Gardens Point and Kelvin Grove

Course duration (full-time): 4.5/5 years (8 or 9 Semesters - Students may choose)

Total credit points: 432

Standard credit points per semester (full-time): 48 (Years 1 & 2), 60 (Years 3 & 4)

Course coordinator: Ms Jillian Clare (Creative Industries); Mr Andrew Paltridge (Business)

Discipline coordinator: Dr Terry Flew (Creative Industries)

Course Design

Students are required to complete 432 credit points comprised of 240 credit points from the Bachelor of Business program and 192 credit points from the Bachelor of Creative Industries program. For the Business component students must complete the 96 credit point Faculty Core units together with a 72 credit point Major and a further 72 credit points in which the student must complete one of the following: Double Major, Extended Major, or Specialisation.

Professional Membership

Depending on the choice of major, extended major or specialisation graduates may be eligible for membership of:
- International Business - Economic Society of Australia, Australian Institute of Export (Qld) Ltd.
- Public Relations - Public Relations Institute of Australia.

Course structure - Advertising (8 semester Concurrent Model)

Year 1, Semester 1
BSB122 Business Information Analysis and Communication
BSB126 Marketing
KCB140 Media and Society: From Printing Press To Internet

Creative Industries Core Unit - See List A

Year 2, Semester 1
AMB200 Consumer Behaviour
AMB220 Advertising Theory and Practice
KCB101 Communication in the New Economy
KCB150 Media and Communications Industries

Year 2, Semester 2
KCB222 Media Planning
KCB119 International and Electronic Business
KCB213 Strategic Speech Communication
can enrol in industry placement units in Year 4 or their degree as electives.

*With approval of the Creative Industries Course Coordinator, students can enrol in industry placement units in Year 4 of their degree as electives.

**Course structure - International Business (With No Language - 8 Semester Concurrent Model)**

**Year 1, Semester 1**
- BSB114 Government, Business and Society
- BSB119 International and Electronic Business
- KCB140 Media and Society: From Printing Press To Internet

**Year 1, Semester 2**
- BSB113 Economics
- BSB115 Management, People and Organisations
- KCB101 Communication in the New Economy
- KCB150 Media and Communications Industries

**Year 2, Semester 1**
- BSB110 Accounting
- BSB116 Marketing
- KCB213 Strategic Speech Communication

**Year 2, Semester 2**
- IBB202 Business and the World Economy
- IBB211 Globalisation and Business
- KCB336 New Media Technologies

**Area Study Units**
Students must complete one of the following pairs of area study units:
- Pair 1: IBB217 Asian Business Development, IBB317 Contemporary Business in Asia
- Pair 2: IBB208 European Business Development, IBB308 Contemporary Business in Europe

**Course structure - International Business (With No Language - 9 Semester Concurrent Model)**

**Year 1, Semester 1**
- BSB114 Government, Business and Society
- BSB119 International and Electronic Business
- KCB140 Media and Society: From Printing Press To Internet

**Year 1, Semester 2**
- BSB113 Economics
- BSB115 Management, People and Organisations
- KCB101 Communication in the New Economy
- KCB336 New Media Technologies

**Year 2, Semester 1**
- BSB110 Accounting
- BSB116 Marketing
- KCB213 Strategic Speech Communication

**Year 2, Semester 2**
can enrol in industry placement units in Year 4 of their degree as electives.

KCB335 Managing Communication Resources
International Business Elective

**Year 3, Semester 1**
IBB210 Export Management
KCB349 Media Audiences
KCB295 Virtual Cultures
Area Study 1

**Year 3, Semester 2**
BSB122 Business Information Analysis and Communication
Area Study 2
Creative Industries Elective
KCB335 Managing Communication Resources

**Year 4, Semester 1**
BSB111 Business Law and Ethics
KCB311 Political Communication
Double Major / Extended Major / Specialisation Unit
Double Major / Extended Major / Specialisation Unit

**Year 4, Semester 2**
IBB300 International Business Strategy
Creative industries Elective*
Double Major / Extended Major / Specialisation Unit
KCB204 Globalisation and New Media

**Area Study Units**
Students must complete one of the following pairs of area study units:
Pair 1
IBB217 Asian Business Development
IBB317 Contemporary Business in Asia
OR Pair 2
IBB208 European Business Development
IBB308 Contemporary Business in Europe

* With approval of the Creative Industries Course Coordinator, students can enrol in industry placement units in Year 4 of their degree as electives.

**Course structure - International Business (With Language - 8 Semester Concurrent Model)**

**Year 1, Semester 1**
IBB202 Business and the World Economy
IBB211 Globalisation and Business
KCB150 Media and Communications Industries
Creative Industries Elective

**Year 1, Semester 2**
BSB119 International and Electronic Business
KCB140 Media and Society: From Printing Press To Internet
Creative Industries Core Unit - See List A Language 1

**Year 2, Semester 1**
BSB113 Economics
KCB336 New Media Technologies
KCB101 Communication in the New Economy
Language 2

**Year 2, Semester 2**
BSB122 Business Information Analysis and Communication
KCB213 Strategic Speech Communication
Creative Industries Core Unit - See List A Language 3

**Year 2, Semester 2**
IBB202 Business and the World Economy
KCB150 Media and Communications Industries
Creative Industries Elective

**Year 3, Semester 1**
KCB150 Media and Communications Industries
Creative Industries Elective
Language 4

**Year 3, Semester 1**
BSB114 Government, Business and Society
IBB126 Marketing
KCB349 Media Audiences
Language 5
OR
IBB205 Cross-Cultural Communication and Negotiation
KCB205 Virtual Cultures

**Year 3, Semester 2**
BSB110 Accounting
IBB211 Globalisation and Business
Creative Industries Elective
Language 6
OR
International Business Elective Unit
KCB335 Managing Communication Resources

**Year 4, Semester 1**
BSB111 Business Law and Ethics
IBB300 International Business Strategy
Creative Industries Elective*
Area Study 1

**Year 4, Semester 2**
BSB115 Management, People and Organisations
KCB311 Political Communication
Area Study 1
Creative Industries Elective*

**Area Study Units**
Students must complete one of the following pairs of area study units:
Pair 1
IBB217 Asian Business Development
IBB317 Contemporary Business in Asia
OR Pair 2
IBB208 European Business Development
IBB308 Contemporary Business in Europe

* With approval of the Creative Industries Course Coordinator, students can enrol in industry placement units in Year 4 of their degree as electives.

**Course structure - International Business (With Language - 9 Semester Concurrent Model)**

**Year 1, Semester 1**
BSB119 International and Electronic Business
KCB140 Media and Society: From Printing Press To Internet
Creative Industries Core Unit - See List A Language 1

**Year 1, Semester 2**
BSB113 Economics
KCB336 New Media Technologies
KCB101 Communication in the New Economy
Language 2

**Year 2, Semester 1**
BSB122 Business Information Analysis and Communication
KCB213 Strategic Speech Communication
Creative Industries Core Unit - See List A Language 3

**Year 2, Semester 2**
IBB202 Business and the World Economy
KCB150 Media and Communications Industries
Creative Industries Elective
Language 4

**Year 3, Semester 1**
BSB126 Marketing
KCB349 Media Audiences
Language 5
OR
IBB205 Cross-Cultural Communication and Negotiation
KCB205 Virtual Cultures

**Year 3, Semester 2**
BSB114 Government, Business and Society
IBB300 International Business Strategy
Creative Industries Elective*
Area Study 1

**Year 4, Semester 2**
BSB111 Business Law and Ethics
IBB300 International Business Strategy
Creative Industries Elective*
Area Study 2

KCB204 Globalisation and New Media

**Area Study Units**
Students must complete one of the following pairs of area study units:
Pair 1
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**Year 2, Semester 1**

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<td>Communication in the New Economy</td>
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<td>Media and Communications Industries</td>
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**Year 2, Semester 2**

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**Year 3, Semester 2**

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<td>Creative Industries Elective*</td>
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<th>Marketing and Audience Research</th>
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**Year 5, Semester 1**

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<td>Management, People and Organisations</td>
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### List A: Creative Industries Core Units

- KKB008 Narrative in the Creative Industries
- KKB018 Creative Industries
- KKB148 Cultures and Creativity
- KKB18 Introduction To Multimedia Technology

### Creative Industries Open Electives

See Bachelor of Creative Industries (Creative Writing)/Bachelor of Laws (IF93) for details.

### List of Languages

The same language must be studied for at least four levels and unit codes are sequential (eg. French HHB670, HHB671, HHB672, HHB673), except French 7 (HHB678) and French 8 (HHB677). With the permission of the Major Coordinator, and where available, languages must be taken, including languages studied at another university. International students must take a language that is not their native tongue. The language units are as follows:

**French**

1. Students without Year 12 Language qualifications in French should undertake the following unit sequence:

   - HHB061 French 1
   - HHB062 French 2
   - HHB063 French 3
   - HHB064 French 4
   - HHB065 French 5
   - HHB066 French 6

2. Students with Year 12 Language qualifications or equivalent in French should undertake the following unit sequence:

   - HHB063 French 3
   - HHB064 French 4
   - HHB065 French 5
   - HHB066 French 6
   - HHB067 French 7
   - HHB068 French 8
BACHELOR OF CREATIVE INDUSTRIES (MEDIA AND COMMUNICATION)/BACHELOR OF LAWS (IF10)

Award title: Bachelor of Creative Industries (Media and Communication) / Bachelor of Laws

Location: Gardens Point and Kelvin Grove

Course duration (full-time): 5 years

Total credit points: 528

Standard credit points per semester (full-time): 48 (Semesters 3, 4, 5, 6, 7+10), 60 (Semesters 1, 2, 7+8)

Course coordinator: Ms Jillian Clare (Creative Industries); Director, Undergraduate Programs (Law)

Discipline coordinator: Dr Terry Flew (Creative Industries)

Professional Recognition

The law degree component covers all the law units required for admission as a legal practitioner in Australia and is approved for the purposes of the Solicitors’ and Barristers’ Admission Rules.

Course structure

Year 1, Semester 1

KCB101 Communication in the New Economy
KCB140 Media and Society: From Printing Press To Internet

Introduction to Legal Research

KCB141 Legal Institutions and Method
KCB142 Law, Society and Justice

Year 1, Semester 2

KCB150 Media and Communications Industries
KCB334 Media and Communication Research Methods

Creative Industries Core Unit - See List A
LWB143 Legal Research and Writing
LWB144 Laws and Global Perspectives

Year 2, Semester 1

Creative Industries Core Unit - See List A
Creative Industries Core Unit - See List A

KCB213 Strategic Speech Communication
KCB295 Virtual Cultures

LWB136 Contracts A

Year 2, Semester 2

Creative Industries Core Unit - See List A
KKB275 Creative Industries Legal Issues
LWB137 Contracts B

KCB336 New Media Technologies

Year 3, Semester 1

KCB349 Media Audiences
KCB311 Political Communication

LWB138 Fundamentals Of Torts
LWB238 Fundamentals Of Criminal Law

Year 3, Semester 2

LWB139 Select Issues In Torts
LWB239 Criminal Responsibility

KCB204 Globalisation and New Media
KCB335 Managing Communication Resources

Year 4, Semester 1

LWB231 Introduction To Public Law
LWB236 Real Property A

LWB240 Principles Of Equity
LWB332 Commercial and Personal Property Law

Year 4, Semester 2

LWB235 Australian Federal Constitutional Law
LWB237 Real Property B

LWB241 Trusts
LWB331 Administrative Law

LWB334 Corporate Law

Year 5, Semester 1

LWB431 Civil Procedure
LWB432 Evidence

LWB434 Advanced Research and Legal Reasoning

Elective Unit

Year 5, Semester 2

LWB433 Professional Responsibility

Elective Units

List A: Creative Industries Core Units

KKB008 Narrative in the Creative Industries
KKB018 Creative Industries
KKB418 Cultures and Creativity
KKB618 Writing For Creative Industries
KKB818 Introduction To Multimedia Technology

Creative Industries Open Electives

See Bachelor of Creative Industries (Creative Writing)/Bachelor of Laws (IF93) for details.

BACHELOR OF CREATIVE INDUSTRIES (VISUAL ARTS)/BACHELOR OF EDUCATION (SECONDARY) (IX08)

Award title: Bachelor of Creative Industries (Visual Arts)/Bachelor of Education

CRICOS code: 040316D

Location: Kelvin Grove and Carseldine

Course duration (full-time): 4 years

Total credit points: 432

Standard credit points per semester (full-time): 54 (Average)

Course coordinator: Assoc Prof David Hawke (Creative Industries); Dr Peter Bond (Education)

Discipline coordinator: Assoc Prof David Hawke (Creative Industries)
Professional Recognition
Graduates are eligible for registration with the Board of Teacher Registration, Queensland. Applicants for teacher registration in Queensland are subject to national criminal history checks.

Field Experience Requirement
As required by Queensland’s Child Protection Act, students must undergo national criminal history checks (which must be renewed every two years) prior to undertaking field experience.

Second Teaching Area in English, Film and Media, Geography or History
Year 1, Semester 1
KVB740 Studio Art Practice 1
KVB702 Australian and Indigenous Art
Visual Arts Elective - List B
Second Teaching Area Unit - List C

Year 1, Semester 2
KVB741 Studio Art Practice 2
Creative Industries Core Unit - List A
Visual Arts Elective - List B
Second Teaching Area Unit - List C

Year 2, Semester 1
KVB742 Studio Art Practice 3
KVB444 Contemporary Asian Visual Culture
Visual Arts Elective - List B
Second Teaching Area Unit - List C

Year 2, Semester 2
KVB701 Modernism
Creative Industries Core Unit - List A
Visual Arts Elective - List B
Second Teaching Area Unit - List C

Second Teaching Area in Dance
Year 1, Semester 1
KVB740 Studio Art Practice 1
KVB702 Australian and Indigenous Art
KDX104 Architecture Of The Body
Visual Arts Elective - List B

Year 1, Semester 2
KVB741 Studio Art Practice 2
KDB114 Australian Dance
Visual Arts Elective - List B
Creative Industries Core Unit - List A

Year 2, Semester 1
KVB742 Studio Art Practice 3
KDB182 Dance Technique Studies 3
KVB444 Contemporary Asian Visual Culture
KDB117 Dance In Education

Year 2, Semester 2
KVB701 Modernism
Creative Industries Core Unit - List A
Visual Arts Elective - List B
KDX143 Choreographic Studies I
KDB106 Dance Analysis

with Second Teaching Area in Drama
Year 1, Semester 1
KVB740 Studio Art Practice 1
KVB702 Australian and Indigenous Art
KTB257 Studies In Acting I

Year 1, Semester 2
KVB741 Studio Art Practice 2
KTB251 20th Century Stages
KSB278 Technical Theatre
Visual Arts Elective - List B

Year 2, Semester 1
KVB742 Studio Art Practice 3
KTB214 Process Drama
KVB444 Contemporary Asian Visual Culture

Year 2, Semester 2
KVB701 Modernism
Visual Arts Elective - List B
KTB280 Drama As Social Action
KTB304 Forming Knowledge

Second Teaching Area in Dance
Year 1, Semester 1
KVB740 Studio Art Practice 1
KVB702 Australian and Indigenous Art
KVDX104 Architecture Of The Body
Visual Arts Elective - List B

Year 1, Semester 2
KVB741 Studio Art Practice 2
KDB114 Australian Dance
Visual Arts Elective - List B
Creative Industries Core Unit - List A

Year 2, Semester 1
KVB742 Studio Art Practice 3
KDB182 Dance Technique Studies 3
KVB444 Contemporary Asian Visual Culture

Year 2, Semester 2
KVB701 Modernism
Creative Industries Core Unit - List A
Visual Arts Elective - List B
KDX143 Choreographic Studies I
KDB106 Dance Analysis

Second Teaching Area in Music
Year 1, Semester 1
KVB740 Studio Art Practice 1
KVB702 Australian and Indigenous Art
KVB444 Contemporary Asian Visual Culture
Select one unit from:
KMB621 Sound Recording and Acoustics
KMB631 World Music
KMB640 Sex, Drugs, Rock N Roll

Year 1, Semester 2
KVB741 Studio Art Practice 2
KMB619 Music and Sound Technology
Visual Arts Elective - List B
Creative Industries Core Unit - List A

Year 2, Semester 1
KVB742 Studio Art Practice 3
KMB632 Core Musicianship I
KVB444 Contemporary Asian Visual Culture
Select one unit from:
KMB621 Sound Recording and Acoustics
KMB631 World Music
KMB640 Sex, Drugs, Rock N Roll

Year 2, Semester 2
KVB701 Modernism
KMB633 Core Musicianship 2
Creative Industries Elective - List A
Select one unit from:
KMB638 Sound and Image
KMB648 The Music Scene

EDUCATION COMPONENT
Year 3, Semester 2
EDB002 Teaching and Learning Studies 2: Development and Learning
EDB031 Secondary Field Studies 1: Development and Learning in the Field
KVB301 Visual Arts Curriculum Studies 1
Curriculum Studies 1Y

Year 3, Semester 2
EDB003 Teaching and Learning Studies 3: Practising Education
EDB032 Secondary Field Studies II: Practising Education in the Field
KVB302 Visual Arts Curriculum Studies 2
Curriculum Studies 2Y

Year 4, Semester 1
EDB004 Teaching and Learning Studies IV: Inclusive Education
EDB033 Secondary Field Studies III: Immersion in Inclusive Educational Practices
KVB303 Visual Arts Curriculum Studies 3
Curriculum Studies 3Y

Year 4, Semester 2
EDB005 Teaching and Learning Studies V: Professional Work of Teachers
EDB034 Secondary Field Studies IV: Professional Work of Teachers: Induction into Practice
EDB035 Internship (Secondary)
Education Elective
List A: Creative Industries Core Units
KKB008 Narrative in the Creative Industries
KKB018 Creative Industries
KKB418 Cultures and Creativity
KKB618 Writing For Creative Industries
KKB818 Introduction To Multimedia Technology

Visual Arts Electives
Visual Arts Electives
KVB447 Drawing
KVB457 Sculpture
KVB503 Clay Materials
KVP507 Painting (semester two only)
KVB509 Photomedia and Artistic Practice
KVB511 Printmaking

Curriculum Studies - Second Teaching Area
Curriculum Studies 1
KDB201 Dance Curriculum Studies 1
KDB202 Drama Curriculum Studies 1
CLB018 English Curriculum Studies 1
CLB024 Film and Media Curriculum Studies 1
CLB027 Geography Curriculum Studies 1
CLB030 History Curriculum Studies 1
CLB036 LOTE Curriculum Studies 1
KMB201 Music (Secondary) Curriculum Studies 1

Curriculum Studies 2
KDB202 Dance Curriculum Studies 2
KTB201 Drama Curriculum Studies 1
CLB019 English Curriculum Studies 2
CLB025 Film and Media Curriculum Studies 2
CLB028 Geography Curriculum Studies 2
CLB031 History Curriculum Studies 2
CLB037 LOTE Curriculum Studies 2
KMB202 Music (Secondary) Curriculum Studies 2

Curriculum Studies 3
KDB203 Dance Curriculum Studies 3
KTB203 Drama Curriculum Studies 3
CLB020 English Curriculum Studies 3
CLB026 Film and Media Curriculum Studies 3
CLB029 Geography Curriculum Studies 3
CLB032 History Curriculum Studies 3
CLB038 LOTE Curriculum Studies 3
KMB203 Music (Secondary) Curriculum Studies 3

- Bachelor of Engineering (Electrical and Computer Engineering)/ Bachelor of Mathematics (IF21)

Award title: Bachelor of Engineering (Electrical and Computer Engineering)/ Bachelor of Applied Science (Mathematics)
CRICOS code: 020329J
Location: Gardens Point
Course duration (full-time): 5 years
Total credit points: 480
Standard credit points per semester (full-time): 48
Course coordinator: Dr Ed Palmer (Electrical); Assoc Prof Helen MacGillivray (Mathematics)

Special Course Requirements
A candidate for the degree of Bachelor of Engineering (Electrical and Computer Engineering)/Bachelor of Mathematics must obtain at least 60 days of industrial experience in an engineering environment approved by the course coordinator.

Professional Recognition
This degree meets the requirements for membership of The Institution of Engineers, Australia, and the coursework requirements for accredited graduate membership of the Australian Mathematical Society. Students may also become a member of the Statistical Society of Australia.

Minors
Subject to the approval of the course coordinator, students may be able to choose a minor area of study. A minor is a collection of four units from the one study area, that totals 48 credit points. This will not affect the total number of credit points required for course completion. Students may choose from the list of minors, available from the office of the Faculty of Built Environment and Engineering.

Course structure - For students with four semesters of Senior Mathematics B and Senior Mathematics C
For students with four semesters of both Senior Mathematics B and Senior Mathematics C (or equivalent) with an exit assessment of at least Sound Achievement in both subjects.

Year 1, Semester 1
EEB112 Electrical and Computer Engineering 1
MAB111 Mathematical Sciences 1B
MAB112 Mathematical Sciences 1C
PCB136 Engineering Physics 1C

Year 1, Semester 2
BNB007 Professional Studies 1
EEB212 Electrical and Computer Engineering 2
MAB210 Statistical Modelling 1
MAB220 Computational Mathematics 1

Year 2, Semester 1
EEB312 Analog and Digital Electronics
EEB340 Introduction to Telecommunications
MAB101 Statistical Data Analysis 1
MAB312 Linear Algebra

Year 2, Semester 2
EEB412 Advanced Electronics and Embedded Systems
EEB440 Classical Signal Processing
MAB413 Differential Equations
MAB420 Computational Mathematics 2

Year 3, Semester 1
EEB311 Electrical Measurement and Machines
EEB560 Digital Communications
MAB311 Advanced Calculus
MAB314 Statistical Modelling 2

Year 3, Semester 2
EEB411 Classical Control and Power Systems
EEB640 Digital Signal Processing
MAB414 Applied Statistics 2
MAB422 Mathematical Modelling

Year 4, Semester 1
EEB511 Modern Control and Power Electronics
EEB584 Introduction to Design
Computing elective or
MAB380 Introduction to Supercomputing
Mathematics elective (Level 3)

Year 4, Semester 2
EEB684 Advanced Design
Electrical Engineering elective
Electrical Engineering elective
Mathematics elective (Level 3)

Year 5, Semester 1
EEB889 Project
Electrical Engineering elective
Electrical Engineering elective
Mathematics elective (Level 3)

Year 5, Semester 2
EEB889 Project
Electrical Engineering elective
Electrical Engineering elective
Mathematics elective (Level 3)

Course structure - For students with fours semesters of Senior Mathematics B (or equivalent) only
For students with four semesters of Senior Mathematics B (or equivalent) only, with an exit assessment of at least Sound Achievement.

Year 1, Semester 1
EEB112 Electrical and Computer Engineering 1
MAB100 Mathematical Sciences 1A
MAB101 Statistical Data Analysis 1
PCB136 Engineering Physics 1C

Year 1, Semester 2
BNB007 Professional Studies 1
EEB212 Electrical and Computer Engineering 2
MAB111 Mathematical Sciences 1B
MAB112 Mathematical Sciences 1C

Year 2, Semester 1
EAB312 Analog and Digital Electronics  
EAB340 Introduction to Telecommunications  
MAB220 Computational Mathematics 1  
MAB312 Linear Algebra  

**Year 2, Semester 2**  
EAB412 Advanced Electronics and Embedded Systems  
EAB440 Classical Signal Processing  
MAB210 Statistical Modelling 1  
MAB413 Differential Equations  

**Year 3, Semester 1**  
EAB311 Electrical Measurement and Machines  
EAB560 Digital Communications  
MAB311 Advanced Calculus  
MAB314 Statistical Modelling 2  

**Year 3, Semester 2**  
EAB411 Classical Control and Power Systems  
EAB640 Digital Signal Processing  
MAB414 Applied Statistics 2  
MAB420 Computational Mathematics 2  

**Year 4, Semester 1**  
EAB511 Modern Control and Power Electronics  
EAB584 Introduction to Design  
Computing Elective  
Or  
MAB380 Introduction to Supercomputing  
Mathematics elective (Level 3)  

**Year 4, Semester 2**  
EAB684 Advanced Design  
Electrical Engineering elective  
Electrical Engineering elective  
Mathematics elective (Level 3)  

**Year 5, Semester 1**  
EAB889 Project  
Electrical Engineering elective  
Electrical Engineering elective  
Mathematics elective (Level 3)  

**Year 5, Semester 2**  
EAB889 Project  
Electrical Engineering elective  
Electrical Engineering elective  
Mathematics elective (Level 3)  

### Electrical Engineering Elective Units  
EAB512 Industrial Electronics and Digital Design  
EAB612 Software Systems Design  
EAB641 Fields Transmission and Propagation  
EAB650 Power Systems Analysis  
EAB904 Advanced Topics in Electrical Engineering A  
EAB905 Advanced Topics in Electrical Engineering B  
EAB911 Electrical Energy Systems  
EAB941 Modern Signal Processing  
EAB960 Wireless Communications  
EAB961 RF and Applied Electromagnetics  
EAB976 Advanced Industrial Electronics  
EAB992 VLSI Circuits and Systems  

Not all electives may be offered. At the discretion of the course coordinator, students may be allowed to select an elective from any advanced topics offered by the University. Also potential honours students may, with the approval of the course coordinator, select an elective from the postgraduate degree courses offered by the School of Electrical and Electronic Systems Engineering.

### Mathematics Electives (Level 3)  
Four units required:  
MAB521 Applied Mathematics 3  
MAB522 Computational Mathematics 3  
MAB523 Introduction to Quality Management  
MAB524 Statistical Inference  
MAB526 Statistical Science 3  
MAB613 Partial Differential Equations  
MAB621 Discrete Mathematics  
MAB624 Applied Statistics 3  
MAB672 Advanced Mathematical Modelling  

Note: Some deviations from the above course structure may be possible with the permission of the course coordinator. This is more likely to apply in the later years than the earlier years of the course.
Year 2, Semester 2
EEB440 Classical Signal Processing
MAB135 Electrical Engineering Mathematics 4
BSB115 Management, People and Organisations
BSB119 International and Electronic Business

Year 3, Semester 1
EEB311 Electrical Measurement and Machines
EEB312 Analog and Digital Electronics
BSB126 Marketing
Double Major / Extended Major / Specialisation Unit

Year 3, Semester 2
EEB411 Classical Control and Power Systems
EEB412 Advanced Electronics and Embedded Systems
AYB221 Computerised Accounting Systems
BSB114 Government, Business and Society

Year 4, Semester 1
EEB584 Introduction to Design
EEB684 Advanced Design
AYB220 Company Accounting
Double Major / Extended Major / Specialisation Unit

Year 4, Semester 2
EEB684 Advanced Design
AYB225 Management Accounting
Double Major / Extended Major / Specialisation Unit

Year 5, Semester 1
EEB889/1 Project
EEB889/2 Project

Year 5, Semester 2
Course structure - Advertising
Year 1, Semester 1
BSB119 International and Electronic Business
BSB126 Marketing
EEB112 Electrical and Computer Engineering 1
MAB180 Engineering Mathematics 1
OR
MAB131 Engineering Mathematics 1A
*MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Mathematics C

Year 1, Semester 2
AMB200 Consumer Behaviour
AMB220 Advertising Theory and Practice
EEB212 Electrical and Computer Engineering 2
MAB132 Engineering Mathematics 1B

Year 2, Semester 1
AMB222 Media Planning
EEB340 Introduction to Telecommunications
MAB134 Electrical Engineering Mathematics 3
PCB136 Engineering Physics 1C

Year 2, Semester 2
AMB221 Advertising Copywriting
BSB115 Management, People and Organisations
EEB440 Classical Signal Processing
MAB135 Electrical Engineering Mathematics 4

Year 3, Semester 1
EEB311 Electrical Measurement and Machines
EEB312 Analog and Digital Electronics
BSB115 Economics
Double Major / Extended Major / Specialisation Unit

Year 3, Semester 2
BSB114 Government, Business and Society
EEB411 Classical Control and Power Systems
EEB412 Advanced Electronics and Embedded Systems
Double Major / Extended Major / Specialisation Unit

Year 4, Semester 1
AMB320 Advertising Management
EEB584 Introduction to Design
Double Major / Extended Major / Specialisation Unit

Year 4, Semester 2
AMB321 Advertising Campaigns
EEB684 Advanced Design
### Year 1, Semester 2
- BSB122 Business Information Analysis and Communication
- EEB212 Electrical and Computer Engineering 2
- EFB102 Economics 2
- MAB132 Engineering Mathematics 1B

### Year 2, Semester 1
- EEB340 Introduction to Telecommunications
- EFB202 Business Cycles and Economic Growth
- MAB134 Electrical Engineering Mathematics 3
- PCB136 Engineering Physics 1C

### Year 2, Semester 2
- BSB110 Accounting
- EEB440 Classical Signal Processing
- EFB101 Data Analysis for Business
- MAB135 Electrical Engineering Mathematics 4

### Year 3, Semester 1
- BSB126 Marketing
- EEB311 Electrical Measurement and Machines
- EEB312 Analog and Digital Electronics
- EFB211 Firms, Markets and Resources

### Year 3, Semester 2
- BSB114 Government, Business and Society
- EEB441 Classical Control and Power Systems
- EEB442 Advanced Electronics and Embedded Systems
- EFB314 International Trade and Economic Competitiveness

### Year 4, Semester 1
- BSB111 Business Law and Ethics
- EEB584 Introduction to Design
- MAB135 Electrical Engineering Mathematics 4
- PCB136 Electrical Engineering Mathematics 1B

### Year 4, Semester 2
- EEB684 Advanced Design
- MAB180 Engineering Mathematics 1
- OR
- MAB131 Engineering Mathematics 1A

### Course structure - Electronic Business

**Note:** The Electronic Business Major must be undertaken with another Business major

#### Year 1, Semester 1
- BSB114 Government, Business and Society
- BSB119 International and Electronic Business
- EEB112 Electrical and Computer Engineering 1
- MAB131 Engineering Mathematics 1A
- OR
- MAB180 Engineering Mathematics 1

*MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Mathematics C*

#### Year 1, Semester 2
- BSB110 Accounting
- EEB212 Electrical and Computer Engineering 2
- MAB132 Engineering Mathematics 1B

#### Year 2, Semester 1
- BSB113 Economics
- EEB340 Introduction to Telecommunications
- MAB134 Electrical Engineering Mathematics 3
- PCB136 Engineering Physics 1C

#### Year 2, Semester 2
- BSB115 Management, People and Organisations
- EEB440 Classical Signal Processing
- ITB825 Electronic Business Information Systems
- MAB135 Electrical Engineering Mathematics 4

#### Year 3, Semester 1
- BSB111 Business Law and Ethics
- EEB311 Electrical Measurement and Machines
- EEB312 Analog and Digital Electronics

#### Year 3, Semester 2
- BSB114 Government, Business and Society
- EEB212 Electrical and Computer Engineering 2
- EEB311 Electrical Measurement and Machines
Year 5, Semester 1
EEB889/1 Project
Electrical and Computer Engineering elective unit
MGB314 Organisational Consulting and Change
Double Major / Extended Major / Specialisation Unit

Year 5, Semester 2
EEB889/2 Project
Electrical and Computer Engineering elective unit
MGB309 Strategic Management
Double Major / Extended Major / Specialisation Unit

*The units AMB201 Market and Audience Research and MGB220 Management Research methods are incompatible units. Students undertaking Marketing or Public Relations as a double major should contact the school for enrolment advice. From semester 2, 2003 students who complete both MGB220 & AMB201 will be required to undertake an approved substitute unit to satisfy course requirements.

Course structure - International Business - No Language

International Business - No Language
Year 1, Semester 1
BSB113 Economics
BSB119 International and Electronic Business
EEB112 Electrical and Computer Engineering 1
MAB131 Engineering Mathematics 1A

OR

MAB180 Engineering Mathematics 1

*MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Mathematics C

Year 1, Semester 2
BSB115 Management, People and Organisations
BSB126 Marketing
EEB212 Electrical and Computer Engineering 2
MAB132 Engineering Mathematics 1B

Year 2, Semester 1
BSB114 Government, Business and Society
EEB340 Introduction to Telecommunications
MAB134 Electrical Engineering Mathematics 3
PCB136 Engineering Physics 1C

Year 2, Semester 2
EEB440 Classical Signal Processing
IBB202 Business and the World Economy
IBB211 Globalisation and Business
MAB135 Electrical Engineering Mathematics 4

Year 3, Semester 1
BSB110 Accounting
EEB311 Electrical Measurement and Machines
EEB312 Analog and Digital Electronics
IBB210 Export Management

Year 3, Semester 2
BSB111 Business Law and Ethics
EEB411 Classical Control and Power Systems
EEB412 Advanced Electronics and Embedded Systems
Double Major / Extended Major / Specialisation Unit

Year 4, Semester 1
EEB584 Introduction to Design
Electrical and Computer Engineering elective unit
Area Study 1
Double Major / Extended Major / Specialisation Unit

Year 4, Semester 2
EEB684 Advanced Design
Electrical and Computer Engineering elective unit
Area Study 2
Double Major / Extended Major / Specialisation Unit

Year 5, Semester 1
EEB889/1 Project
Electrical and Computer Engineering elective unit

Year 5, Semester 2
EEB889/2 Project
IBB300 International Business Strategy
Electrical and Computer Engineering elective unit
Double Major / Extended Major / Specialisation Unit

Area Study Units:
Students must complete one of the following pairs of area study units:
IBB217 Asian Business Development
IBB317 Contemporary Business in Asia
OR

IBB208 European Business Development
IBB308 Contemporary Business in Europe

Course structure - International Business - with a Language Specialisation

International Business - No Language
Year 1, Semester 1
BSB119 International and Electronic Business
EEB112 Electrical and Computer Engineering 1
MAB131 Engineering Mathematics 1A

OR

MAB180 Engineering Mathematics 1

*MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Mathematics C

Year 1, Semester 2
BSB115 Management, People and Organisations
EEB212 Electrical and Computer Engineering 2
MAB132 Engineering Mathematics 1B
Language 2

Year 2, Semester 1
EEB340 Introduction to Telecommunications
MAB134 Electrical Engineering Mathematics 3
PCB136 Engineering Physics 1C
Language 3

Year 2, Semester 2
BSB126 Marketing
EEB440 Classical Signal Processing
MAB135 Electrical Engineering Mathematics 4
Language 4

Year 3, Semester 1
BSB110 Accounting
EEB311 Electrical Measurement and Machines
EEB312 Analog and Digital Electronics
Language 5

OR

IBB205 Cross-Cultural Communication and Negotiation

Year 3, Semester 2
BSB113 Economics
EEB411 Classical Control and Power Systems
EEB412 Advanced Electronics and Embedded Systems
Language 6

OR

International Business Elective Unit (IBB2xx, IBB3xx)

Year 4, Semester 1
BSB114 Government, Business and Society
EEB584 Introduction to Design
Electrical and Computer Engineering elective unit
Area Study 1

Year 4, Semester 2
EEB684 Advanced Design
Electrical and Computer Engineering elective unit

IBB202 Business and the World Economy
Double Major / Extended Major / Specialisation Unit

Year 5, Semester 1
BSB111 Business Law and Ethics
EEB889/1 Project

IBB210 Export Management
Electrical and Computer Engineering elective unit

Year 5, Semester 2
EEB889/2 Project
Electrical and Computer Engineering elective unit

IBB211 Globalisation and Business
IBB300 International Business Strategy

Area Study Units:
Students must complete one of the following pairs of area study units:
IBB217 Asian Business Development
IBB317 Contemporary Business in Asia

OR

IBB208 European Business Development
IBB308 Contemporary Business in Europe

List Of Languages:
FRENCH
INDONESIAN
JAPANESE
GERMAN
**Course structure - Management**

**Year 1, Semester 1**
- EEB112 Electrical and Computer Engineering 1
- MAB180 Engineering Mathematics 1
- OR
- MAB131 Engineering Mathematics 1A
- BSB115 Management, People and Organisations
- BSB122 Business Information Analysis and Communication
*MAB130 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Year 12 Mathematics C*

**Year 1, Semester 2**
- EEB212 Electrical and Computer Engineering 2
- MAB132 Engineering Mathematics 1B
- BSB126 Marketing
- MGB220 Management Research Methods

**Year 2, Semester 1**
- EEB340 Introduction to Telecommunications
- MAB134 Electrical Engineering Mathematics 3
- PCB136 Engineering Physics 1C
- BSB110 Accounting

**Year 2, Semester 2**
- EEB440 Classical Signal Processing
- MAB135 Electrical Engineering Mathematics 4

**Year 3, Semester 1**
- EEB311 Electrical Measurement and Machines
- EEB312 Analog and Digital Electronics
- BSB113 Economics
- Double Major / Extended Major / Specialisation Unit

**Year 3, Semester 2**
- EBB411 Classical Control and Power Systems
- EBB412 Advanced Electronics and Embedded Systems
- BSB114 Government, Business and Society
- Double Major / Extended Major / Specialisation Unit

**Year 4, Semester 1**
- AMB340 Services Marketing
- EEB584 Introduction to Design
- Electrical and Computer Engineering elective unit
- Double Major / Extended Major / Specialisation Unit

**Year 4, Semester 2**
- AMB341 Strategic Marketing
- EEB684 Advanced Design
- Electrical and Computer Engineering elective unit
- Double Major / Extended Major / Specialisation Unit

**Year 5, Semester 1**
- BSB111 Business Law and Ethics
- EEB889/1 Project
- Electrical and Computer Engineering elective unit
- Double Major / Extended Major / Specialisation Unit

**Year 5, Semester 2**
- BSB110 Accounting
- EEB889/2 Project
- Electrical and Computer Engineering elective unit
- Double Major / Extended Major / Specialisation Unit
- *The units AMB201 Market and Audience Research and MGB220 Management Research methods are incompatible units. Students undertaking HRM or Management as a double major should contact the school for enrolment advice. From semester 2, 2003 students who complete both MGB220 & AMB201 will be required to undertake an approved substitute unit to satisfy course requirements.*

**Course structure - Public Relations**

**Year 1, Semester 1**
- BSB119 International and Electronic Business
- BSB126 Marketing
- EEB112 Electrical and Computer Engineering 1
- MAB180 Engineering Mathematics 1
- OR
- MAB131 Engineering Mathematics 1A
- *MAB130 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Mathematics C*

**Year 1, Semester 2**
- AMB200 Consumer Behaviour
- AMB240 Marketing Planning and Management
- EEB212 Electrical and Computer Engineering 2
- MAB132 Engineering Mathematics 1B

**Year 2, Semester 1**
- AMB201 Marketing and Audience Research
- EEB340 Introduction to Telecommunications
- MAB134 Electrical Engineering Mathematics 3
- PCB136 Engineering Physics 1C
- AMB241 E-Marketing Strategies

**Year 2, Semester 2**
- EBB440 Classical Signal Processing
- MAB135 Electrical Engineering Mathematics 4
- AMB262 Public Relations Writing
- BSB113 Economics
- Double Major / Extended Major / Specialisation Unit

**Year 3, Semester 1**
- EEB311 Electrical Measurement and Machines
- EEB312 Analog and Digital Electronics
- AMB201 Marketing and Audience Research
- Double Major / Extended Major / Specialisation Unit

**Year 3, Semester 2**
- EBB411 Classical Control and Power Systems
- EBB412 Advanced Electronics and Embedded Systems
- BSB114 Government, Business and Society

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Information Technology component meet the knowledge and skills requirements for admission to the Australian Computer Society and Electronics Engineers Australia. Graduates of the Bachelor of Information Technology (IF59) meet the requirements for membership of The Institution of Engineers, Australia and the Institution of Radio and Electronics Engineers Australia. This degree meets the requirements for membership of The Australian Computer Society (ACS).

### Minors

Subject to the approval of the course coordinator, students may be able to choose a minor area of study. A minor is a collection of four units from the one study area, that totals 48 credit points. This will not affect the total number of credit points required for course completion. Students may choose from the list of minors, available from the office of the Faculty of Built Environment and Engineering.

### Special Course Requirements

A candidate for the degree of Bachelor of Engineering (Electronics)/Bachelor of Information Technology must obtain at least 60 days of industrial experience in an engineering environment approved by the course coordinator.

### Course structure

#### Full-time Course Structure - Year 1, Semester 1

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITB111</td>
<td>Software Development 1</td>
</tr>
<tr>
<td>ITB114</td>
<td>Networking Systems</td>
</tr>
<tr>
<td>PCB136</td>
<td>Engineering Physics 1C</td>
</tr>
<tr>
<td>MAB180</td>
<td>Engineering Mathematics 1</td>
</tr>
<tr>
<td>MAB131</td>
<td>Engineering Mathematics 1A</td>
</tr>
</tbody>
</table>

*MAB180 Engineering Mathematics is to be taken by those students not obtaining a SA or better in Queensland Mathematics C (or equivalent).*

#### Year 1, Semester 2

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>BNB007</td>
<td>Professional Studies 1</td>
</tr>
<tr>
<td>EEB213</td>
<td>Electrical Circuits and Measurements</td>
</tr>
<tr>
<td>ITB112</td>
<td>Software Development 2</td>
</tr>
<tr>
<td>MAB132</td>
<td>Engineering Mathematics 1B</td>
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</table>

#### Year 2, Semester 1

<table>
<thead>
<tr>
<th>Course Code</th>
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</thead>
<tbody>
<tr>
<td>EEB312</td>
<td>Analog and Digital Electronics</td>
</tr>
<tr>
<td>ITB610</td>
<td>Software Development 3</td>
</tr>
<tr>
<td>ITB616</td>
<td>Computer Architecture</td>
</tr>
<tr>
<td>MAB134</td>
<td>Electrical Engineering Mathematics 3</td>
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#### Year 2, Semester 2

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEB412</td>
<td>Advanced Electronics and Embedded Systems</td>
</tr>
<tr>
<td>ITB612</td>
<td>Software Engineering Principles</td>
</tr>
<tr>
<td>MAB135</td>
<td>Electrical Engineering Mathematics 4</td>
</tr>
<tr>
<td>ITB614</td>
<td>Programming Languages</td>
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#### Year 3, Semester 1

<table>
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<tbody>
<tr>
<td>EEB311</td>
<td>Electrical Measurement and Machines</td>
</tr>
<tr>
<td>EEB340</td>
<td>Introduction to Telecommunications</td>
</tr>
<tr>
<td>EEB512</td>
<td>Industrial Electronics and Digital Design</td>
</tr>
<tr>
<td>ITB611</td>
<td>Object Technology</td>
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#### Year 3, Semester 2

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<tbody>
<tr>
<td>EEB411</td>
<td>Classical Control and Power Systems</td>
</tr>
<tr>
<td>EEB440</td>
<td>Classical Signal Processing</td>
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<tr>
<td>ITB617</td>
<td>Concurrent and Distributed Systems</td>
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#### Year 4, Semester 1

<table>
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<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>EEB560</td>
<td>Digital Communications</td>
</tr>
<tr>
<td>EEB584</td>
<td>Introduction to Design</td>
</tr>
<tr>
<td>ITB613</td>
<td>Advanced Programming Laboratory</td>
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#### Year 4, Semester 2

<table>
<thead>
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<tbody>
<tr>
<td>EEB640</td>
<td>Digital Signal Processing</td>
</tr>
<tr>
<td>EEB684</td>
<td>Advanced Design</td>
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<tr>
<td>ITB644</td>
<td>Windows Administration</td>
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#### Year 5, Semester 1

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<th>Course Code</th>
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<tr>
<td>EEB781</td>
<td>Professional Studies 2</td>
</tr>
<tr>
<td>EEB889/1</td>
<td>Project</td>
</tr>
<tr>
<td>ITB844/1</td>
<td>Computing Project</td>
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#### Year 5, Semester 2

<table>
<thead>
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<th>Course Name</th>
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<td>Project</td>
</tr>
<tr>
<td>ITB844/2</td>
<td>Computing Project</td>
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#### Electrical Engineering Elective Units

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>EEB904</td>
<td>Advanced Topics in Electrical Engineering</td>
</tr>
<tr>
<td>EEB905</td>
<td>Advanced Topics in Electrical Engineering</td>
</tr>
<tr>
<td>EEB941</td>
<td>Modern Signal Processing</td>
</tr>
<tr>
<td>EEB960</td>
<td>Wireless Communications</td>
</tr>
<tr>
<td>EEB976</td>
<td>Advanced Industrial Electronics</td>
</tr>
<tr>
<td>EEB992</td>
<td>VLSI Circuits and Systems</td>
</tr>
</tbody>
</table>

At the discretion of the Course Coordinator, students may be allowed to select an elective from any advanced topics offered by the University. Also potential honours students may, with the approval of the Course Coordinator, select an elective from the from the postgraduate degree courses offered by the School of Electrical and Electronic Systems Engineering. IT and Electrical Engineering Electives may be interchanged provided at least one elective is chosen from each discipline.
IT Elective units - please see IT electives list

Industrial Experience
Students must obtain at least 60 days industrial experience in an engineering environment approved by the Course Coordinator.

Notes
1) EEB781 Professional Studies 2 can be taken earlier if desired subject to completion of INB707 Professional Studies 1.
2) The six electives can be taken in any ratio of EE to IT in order to emphasize either the EE or the IT component of the double degree provided at least one elective is chosen from each, with the approval of the Course Coordinator.
3) Core units at the third or fourth year of single Engineering degrees are acceptable as EE electives and a student may enrol in them provided prerequisites are satisfied.
4) Students must take one of the two units ITB643 Unix Systems Programming or ITB644 Window Administration

IT Elective Units
See Bachelor of Applied Science/Bachelor of Information Technology (IF29) for details.

- Bachelor of Information Technology/Bachelor of Education (Secondary) (IX09)
Award title: Bachelor of Information Technology/Bachelor of Education
CRICOS code: 022136B
Location: Gardens Point, Kelvin Grove and Carseldine
Course duration (full-time): 4 years
Total credit points: 432
Course coordinator: Dr Peter Bond (Education), Dr Alan Tickle (InfTech)

Professional Recognition
The Bachelor of Education (Secondary) is recognised by the Queensland Board of Teacher Registration as meeting the requirements for registration as a teacher in Queensland. Applicants for teacher registration in Queensland are subject to national criminal history checks. Graduates of the Bachelor of Information Technology meet the knowledge requirement for admission to the Australian Computer Society as members.

Field Experience Requirement
As required by Queensland’s Child Protection Act, students must undergo national criminal history checks (which must be renewed every two years) prior to undertaking field experience.

Course structure
Year 1, Semester 1
ITB111 Software Development 1
ITB115 Introduction to Databases
ITB116 IT Professional Studies 1
EDB001 Teaching and Learning Studies 1: Teaching in New Times

Year 1, Semester 2
ITB112 Software Development 2
ITB114 Networking Systems
ITB117 IT Professional Studies 2
Second Teaching Area Unit

Year 2, Semester 1
EDB002 Teaching and Learning Studies 2: Development and Learning
EDB031 Secondary Field Studies 1: Development and Learning in the Field
MDB015 Computing Curriculum Studies 1
Curriculum Studies 1Y

Year 2, Semester 2
ITB118 Systems Life Cycle

OR
IT Elective Unit*
IT Elective Unit*
IT Elective Unit*
Second Teaching Area Unit

Year 3, Semester 1
Second Teaching Area Unit

ITB272 Information Technology Project Management
MGB218 Venture Skills
OR
MGB223 Creating New Enterprises

OR
ITB247 Project
ITB576 Data Communications Project 1

Year 4, Semester 1
EDB004 Teaching and Learning Studies IV: Inclusive Education
EDB033 Secondary Field Studies III: Immersion in Inclusive Educational Practices
MDB017 Computing Curriculum Studies 3
Curriculum Studies 3Y

Year 4, Semester 2
EDB005 Teaching and Learning Studies V: Professional Work of Teachers
EDB034 Secondary Field Studies IV: Professional Work of Teachers: Induction into Practice
EDB035 Internship (Secondary)
Education Elective

Curriculum Studies 1, 2 and 3

Curriculum Studies 1
CLB009 Accounting and Business Management Curriculum Studies 1
CLB012 Business Communication Technology Curriculum Studies 1
CLB015 Economics Curriculum Studies 1
CLB018 English Curriculum Studies 1
CLB027 Geography Curriculum Studies 1
CLB030 History Curriculum Studies 1
CLB033 Legal Studies Curriculum Studies 1
MDB021 Mathematics Curriculum Studies 1
MDB027 Science Curriculum Studies 1
CLB039 Social Science Curriculum Studies 1

Curriculum Studies 2
CLB010 Accounting/Business Management Curriculum Studies 2
CLB013 Business Communication Technology Curriculum Studies 2
CLB016 Economics Curriculum Studies 2
CLB019 English Curriculum Studies 2
CLB028 Geography Curriculum Studies 2
CLB031 History Curriculum Studies 2
CLB034 Legal Studies Curriculum Studies 2
MDB022 Mathematics Curriculum Studies 2
MDB028 Science Curriculum Studies 2
CLB040 Social Science Curriculum Studies 2

Curriculum Studies 3
CLB011 Accounting/Business Management Curriculum Studies 3
CLB014 Business Communication Technology Curriculum Studies 3
CLB017 Economics Curriculum Studies 3
CLB020 English Curriculum Studies 3
CLB029 Geography Curriculum Studies 3
CLB032 History Curriculum Studies 3
CLB035 Legal Studies Curriculum Studies 3
MDB023 Mathematics Curriculum Studies 3
MDB029 Science Curriculum Studies 3
CLB041 Social Science Curriculum Studies 3

IX09 - Faculty of Information Technology Elective Units

Information Systems
ITB233 Enterprise Systems Applications
ITB234 Information Analysis
ITB235 Distributed Object Information Systems
ITB236 Object-Oriented Analysis and Design
ITB241 Information Technology Management
ITB243 Knowledge-Based Systems
ITB245 R/3 Systems Administration
ITB254 Interactivity Design

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UNIVERSITY-WIDE AND INTERFACULTY COURSES

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### Bachelor of Information Technology/Bachelor of Laws (IF29)

**Award title:** Bachelor of Information Technology/Bachelor of Laws  
**CRICOS code:** 006385G  
**Location:** Gardens Point  
**Course duration (full-time):** 5 Years  
**Total credit points:** 528  
**Course coordinator:** Dr Alan Tickle (Information Technology); Director, Undergraduate Programs (Law)

#### Cooperative Education Program

An optional one-year period of paid work experience in an area of information technology is available to eligible full-time students. The Cooperative Education Program is a joint venture between employers and educators to better prepare students for employment upon graduation. Companies that QUT’s Cooperative Education students have worked with include Energex, Boeing, CITEC, Global Banking and Securities Transaction, various Queensland Government departments, Dialog, TABQ, RACQ and Sun Microsystems.

#### Professional Recognition

The Bachelor of Information Technology component meets the knowledge requirements for membership of the Australian Computer Society. The Bachelor of Laws component covers the areas of law required for the purposes of admission to practise as a Solicitor and/or Barrister in all Australian states and territories.

#### Course structure

**Year 1, Semester 1**  
ITB111 Software Development 1  
ITB113 Systems Architecture  
ITB115 Introduction to Databases  
ITB116 IT Professional Studies 1

**Year 1, Semester 2**  
ITB112 Software Development 2  
ITB114 Networking Systems  
ITB117 IT Professional Studies 2  
ITB118 ICT Systems Life Cycle

**Year 2, Semester 1**  
ITB218 Applications Programming  
ITB222 Business Systems Analysis  
ITB229 Information Systems Modelling

**Year 2, Semester 2**  
ITB232 Database Systems  
ITB238 Fundamentals Of Criminal Law  
ITB240 Project (Information Systems)

**Year 3, Semester 1**  
ITB352 Software Engineering  
ITB355 Network Systems  
ITB357 Wireless Networks

**Year 3, Semester 2**  
ITB359 Advanced Multimedia Technologies  
ITB360 E-Commerce Site Development  
ITB362 E-Commerce Technologies

**Year 4, Semester 1**  
ITB457 Windows Programming  
ITB458 Java and Extensible Programming  
ITB459 Component Technology

**Year 4, Semester 2**  
ITB466 Component Technology  
ITB467 Software Development For The Web

**Year 5, Semester 1**  
ITB551 Network Planning  
ITB552 Data Communications  
ITB553 Comparative Network Systems

**Year 5, Semester 2**  
ITB554 Network Management  
ITB555 Network Security For E-Commerce  
ITB556 Introduction To Cryptology

### IT Elective Units

See Bachelor of Applied Science/Bachelor of Information Technology (IF29) for details.

### Bachelor of Journalism/Bachelor of Business (Advertising, International Business, Public Relations) (IF05)

**Award title:** Bachelor of Journalism/Bachelor of Business  
**CRICOS code:** 040312G  
**Location:** Gardens Point and Kelvin Grove  
**Course duration (full-time):** 4.5/5 Years (8 or 9 Semesters - students may choose)  
**Total credit points:** 432  
**Standard credit points per semester (full-time):** 48 (Years 1 & 2); 60 (Years 3 & 4)

**Course coordinator:** Dr Lee Duffield (Creative Industries); Mr Andrew Paltridge (Business)

**Discipline coordinator:** Prof Michael Bromley (Journalism); Ms Gayle Kerr (Advertising); Mr Thomas Cronk (International Business); Ms Robina Xavier (Public Relations)

#### Course Design

Students are required to complete 432 credit points comprising of 240 credit points from the Bachelor of Business program and 192 credit points from the Bachelor of Journalism program.

For the Business component students must complete the 96 credit point Faculty Core units together with a 72 credit point Major and a further 72 credit points in which the student must complete one of the following: Double Major, Extended Major, or Specialisation.

#### Professional Membership

Depending on the choice of major, extended major or specialisation, graduates may be eligible for membership of:
International Business - Economic Society of Australia, Australian Institute of Export (Qld) Ltd.
Public Relations - Public Relations Institute of Australia.
The Journalism degree is recognised by the Australian Journalists Association section of the Media Entertainment and Arts Alliance.

Course structure - Advertising (8 Semester concurrent model)

Year 1, Semester 1
BSB122 Business Information Analysis and Communication
BSB126 Marketing
KJB101 Journalism Information Systems
KJB120 Newswriting

Year 1, Semester 2
AMB200 Consumer Behaviour
AMB220 Advertising Theory and Practice
KJB121 Journalistic Inquiry
KCB213 Strategic Speech Communication

Year 2, Semester 1
AMB222 Media Planning
BSB119 International and Electronic Business
KPB155 Media Production
KJB239 Journalism Ethics and Issues

Year 2, Semester 2
AMB221 Advertising Copywriting
KJB232 Radio and Television Journalism 1
KJB224 Feature Writing
Double Major / Extended Major / Specialisation Unit

Year 3, Semester 1
BSB113 Economics
BSB115 Management, People and Organisations
KJB322 Desktop Publishing and Editing
KJB338 Radio and Television Journalism 2
Double Major / Extended Major / Specialisation Unit

Year 3, Semester 2
BSB110 Accounting
BSB114 Government, Business and Society
KJB303 News Production
KJB337 Public Affairs Reporting
Double Major / Extended Major / Specialisation Unit

Year 4, Semester 1
AMC320 Advertising Management
BSB111 Business Law and Ethics
KWB250 Introduction To Creative Writing
Double Major / Extended Major / Specialisation Unit

Year 4, Semester 2
AMC321 Advertising Campaigns
Creative Industries Faculty Core Unit - List A
Double Major / Extended Major / Specialisation Unit
Creative Industries Elective

Course structure - International Business (With no Language - 8 Semester Concurrent Model)

Year 1, Semester 1
BSB114 Government, Business and Society
BSB119 International and Electronic Business
KJB101 Journalism Information Systems
KJB120 Newswriting

Year 1, Semester 2
IBB202 Business and the World Economy
IBB211 Globalisation and Business
KJB322 Radio and Television Journalism 1
KJB224 Feature Writing

Year 3, Semester 1
IBB210 Export Management
KJB322 Desktop Publishing and Editing
KJB338 Radio and Television Journalism 2
Area Study 1
Double Major / Extended Major / Specialisation Unit

Year 3, Semester 2
BSB111 Business Law and Ethics
KJB303 News Production
KJB337 Public Affairs Reporting
Area Study 2
Double Major / Extended Major / Specialisation Unit

Year 4, Semester 1
BSB122 Business Information Analysis and Communication
KWB250 Introduction To Creative Writing
Double Major / Extended Major / Specialisation Unit

Year 4, Semester 2
IBB300 International Business Strategy
Creative Industries Elective
Creative Industries Core Unit - List A
Double Major / Extended Major / Specialisation Unit
Area Study Options - Choose one of the following pairs of units:

IBB208 European Business Development
IBB308 Contemporary Business in Europe

OR
IBB217 Asian Business Development
IBB317 Contemporary Business in Asia

Course structure - International Business (With no Language - 9 Semester Concurrent Model)

Year 1, Semester 1
BSB114 Government, Business and Society
BSB119 International and Electronic Business
KJB101 Journalism Information Systems
KJB120 Newswriting

Year 1, Semester 2
BSB113 Economics
BSB115 Management, People and Organisations
KJB121 Journalistic Inquiry
KCB213 Strategic Speech Communication

Year 2, Semester 1
IBB202 Business and the World Economy
IBB211 Globalisation and Business
KJB238 Radio and Television Journalism 2
Area Study 1

Year 2, Semester 2
BSB110 Accounting
KPB155 Media Production
KJB239 Journalism Ethics and Issues

Year 3, Semester 1
IBB202 Business and the World Economy
IBB211 Globalisation and Business
KJB238 Radio and Television Journalism 2
Area Study 1

Year 3, Semester 2
BSB110 Accounting
IBB211 Globalisation and Business
KJB303 News Production
KJB337 Public Affairs Reporting

Year 4, Semester 1
BSB115 Management, People and Organisations
IBB210 Export Management
KWB250 Introduction To Creative Writing
Area Study 1
Creative Industries Core Unit - List A

Year 4, Semester 2
BSB111 Business Law and Ethics
IBB300 International Business Strategy
Area Study 2
Creative Industries Elective
Creative Industries Core Unit - List A

Area Study Units
Students must complete one from the following pairs of study units:

IBB208 European Business Development
IBB308 Contemporary Business in Europe

IBB217 Asian Business Development

IBB232 Radio and Television Journalism 1
KJB224 Feature Writing
Language 4

Year 3, Semester 1
BSB114 Government, Business and Society
BSB122 Business Information Analysis and Communication
KJB222 Desktop Publishing and Editing
KJB338 Radio and Television Journalism 2

Year 3, Semester 2
BSB110 Accounting
IBB211 Globalisation and Business
KJB303 News Production
IBB205 Cross-Cultural Communication and Negotiation
Language 5

Year 4, Semester 1
BSB115 Management, People and Organisations
IBB210 Export Management
KWB250 Introduction To Creative Writing
Area Study 1
Creative Industries Core Unit - List A

Year 4, Semester 2
BSB111 Business Law and Ethics
IBB300 International Business Strategy
Area Study 2
Creative Industries Elective
Creative Industries Core Unit - List A

List Of Languages:
FRENCH
INDONESIAN
JAPANESE
GERMAN

Course structure - International Business (With Language - 8 Semester Concurrent Model)

Year 1, Semester 1
BSB119 International and Electronic Business
KJB101 Journalism Information Systems
KJB120 Newswriting
Language 1

Year 1, Semester 2
BSB113 Economics
KJB121 Journalistic Inquiry
KCB213 Strategic Speech Communication
Language 2

Year 2, Semester 1
BSB126 Marketing
KPB155 Media Production
KJB239 Journalism Ethics and Issues
Language 3

Year 2, Semester 2
IBB202 Business and the World Economy
KJB232 Radio and Television Journalism 1
KJB224 Feature Writing
Language 4

Year 3, Semester 1
BSB122 Business Information Analysis and Communication
KJB222 Desktop Publishing and Editing
KJB338 Radio and Television Journalism 2

Year 3, Semester 2
BSB110 Accounting
IBB211 Globalisation and Business
KJB303 News Production
IBB205 Cross-Cultural Communication and Negotiation

Year 4, Semester 1
IBB210 Export Management
KWB250 Introduction To Creative Writing
Area Study 1
Creative Industries Core Unit - List A

Year 4, Semester 2
BSB111 Business Law and Ethics
IBB300 International Business Strategy
Area Study 2
Creative Industries Elective
Creative Industries Core Unit - List A

Area Study Options - Students must complete one of the following pairs of study units:

IBB208 European Business Development
IBB308 Contemporary Business in Europe

IBB217 Asian Business Development

IBB232 Radio and Television Journalism 1
KJB224 Feature Writing
Language 4
Management Research Methods are incompatible units. Students completing both MGB220 and AMB201 will be required to undertake an approved substitute unit to satisfy course requirements.

Course structure - Public Relations (9 Semester concurrent model)

Year 1, Semester 1
BSB122 Business Information Analysis and Communication
KJB101 Journalism Information Systems
KJB120 Newswriting

Year 1, Semester 2
AMB260 Public Relations Theory and Practice
BSB119 International and Electronic Business
KJB121 Journalistic Inquiry
KCB213 Strategic Speech Communication

Year 2, Semester 1
AMB201 Marketing and Audience Research
AMB261 Media Relations and Publicity
KPB155 Media Production
KJB339 Journalism Ethics and Issues

Year 2, Semester 2
AMB262 Public Relations Writing
KJB224 Feature Writing
KJB232 Radio and Television Journalism I

Year 3, Semester 1
BSB115 Management, People and Organisations
KJB322 Desktop Publishing and Editing
KJB338 Radio and Television Journalism 2

Year 3, Semester 2
BSB114 Government, Business and Society
KJB303 News Production
KJB337 Public Affairs Reporting

Year 4, Semester 1
AMB360 Corporate Communication Management
BSB111 Business Law and Ethics
KJR250 Introduction To Creative Writing

Year 4, Semester 2
AMB361 Public Relations Campaigns
KJB338 Radio and Television Journalism 2

Year 5, Semester 1
BSB110 Accounting
BSB114 Government, Business and Society

Course structure - Public Relations (8 Semester concurrent model)

Year 1, Semester 1
BSB122 Business Information Analysis and Communication
KJB101 Journalism Information Systems
KJB120 Newswriting

Year 1, Semester 2
AMB260 Public Relations Theory and Practice
BSB119 International and Electronic Business
KJB121 Journalistic Inquiry
KCB213 Strategic Speech Communication

Year 2, Semester 1
AMB201 Marketing and Audience Research
AMB261 Media Relations and Publicity
KPB155 Media Production
KJB339 Journalism Ethics and Issues

Year 2, Semester 2
AMB262 Public Relations Writing
KJB224 Feature Writing
KJB232 Radio and Television Journalism I

Year 3, Semester 1
BSB115 Management, People and Organisations
KJB322 Desktop Publishing and Editing
KJB338 Radio and Television Journalism 2

Year 3, Semester 2
BSB113 Economics
KJB303 News Production
KJB337 Public Affairs Reporting

Year 4, Semester 1
AMB360 Corporate Communication Management
BSB111 Business Law and Ethics
KJR250 Introduction To Creative Writing

Year 4, Semester 2
AMB361 Public Relations Campaigns
KJB338 Radio and Television Journalism 2

Year 5, Semester 1
BSB110 Accounting
BSB114 Government, Business and Society

List of Languages
- FRENCH
- GERMAN
- JAPANESE
- INDOONESIAN

OR

UNIVERSITY-WIDE AND INTERFACULTY COURSES

See Bachelor of Creative Industries (Creative Writing)/Bachelor of Laws (IF93) for details.

List of Languages
See Bachelor of Creative Industries (Media and Communication)/Bachelor of Business (IF93) for details.
Bachelor of Journalism/Bachelor of Laws (IF07)

Award title: Bachelor of Journalism/Bachelor of Laws  
CRICOS code: 040313G  
Location: Gardens Point and Kelvin Grove  
Course duration (full-time): 5 Years  
Total credit points: 528  
Standard credit points per semester (full-time): 48 (Semesters 3, 4, 5, 6, 9 + 10), 60 (Semesters 1, 2, 7 + 8)  
Course coordinator: Dr. Lee Duffield (Creative Industries); Director, Undergraduate Programs (Law)  
Discipline coordinator: Prof. Michael Bromley (Creative Industries)

Professional Recognition

The law degree component covers all the law units required for admission as a legal practitioner in Australia and is approved for the purposes of the Solicitors’ and Barristers’ Admission Rules.

Course structure

Year 1, Semester 1
- KJB101 Journalism Information Systems  
- KJB120 Newswriting  
- Creative Industries Core Unit - See List A  
- Introduction to Legal Research  
- LWB141 Legal Institutions and Method  
- LWB142 Law, Society and Justice

Year 2, Semester 1
- KJB121 Journalistic Inquiry  
- KCB213 Strategic Speech Communication  
- Creative Industries Core Unit - See List A  
- LWB143 Legal Research and Writing  
- LWB144 Laws and Global Perspectives

Year 2, Semester 2
- KJB239 Journalism Ethics and Issues  
- KJB224 Feature Writing  
- KPB155 Media Production  
- LWB136 Contracts A

Year 3, Semester 1
- KJB303 News Production  
- KJB337 Public Affairs Reporting  
- LWB139 Select Issues In Torts  
- LWB239 Criminal Responsibility

Year 3, Semester 2
- LWB231 Introduction To Public Law  
- LWB236 Real Property A  
- LWB240 Principles Of Equity  
- LWB332 Commercial and Personal Property Law  
- LWB333 Theories Of Law

Year 4, Semester 1
- LWB235 Australian Federal Constitutional Law  
- LWB237 Real Property B  
- LWB241 Trusts  
- LWB331 Administrative Law  
- LWB334 Corporate Law

Year 5, Semester 1
- LWB431 Civil Procedure  
- LWB432 Evidence  
- LWB434 Advanced Research and Legal Reasoning  
- KWB250 Introduction To Creative Writing

Year 5, Semester 2
- LWB433 Professional Responsibility  
- Creative Industries Elective  
- Elective Units

List A: Creative Industries Core Units
- KKB008 Narrative in the Creative Industries  
- KKB018 Creative Industries  
- KKB418 Cultures and Creativity  
- KKB618 Writing For Creative Industries  
- KKB818 Introduction To Multimedia Technology

Creative Industries Open Electives

See Bachelor of Creative Industries (Creative Writing)/Bachelor of Laws (IF93) for details.

Bachelor of Mass Communication (IF27)

Award title: Bachelor of Mass Communication  
CRICOS code: 037542J  
Location: Gardens Point and Kelvin Grove  
Course duration (full-time): 3 Years  
Total credit points: 288  
Standard credit points per semester (full-time): 48

Course coordinator: Dr. Christina Spurgeon  
Discipline coordinator: Dr. Terry Flew

Degree Structure

Students commencing the Bachelor of Mass Communication must complete 24 units of equal weighting totalling 288 credit points comprised of:

a. Faculty Core (eight faculty core units)

b. Major Core (two majors of six units each)

c. Electives (four units)

Although studies can be tailored to meet a specific career goal or create a wide variety of career choices, there is a set of recommended combinations of majors. Students are not required to take these combinations, however they do represent the more common and logical choices within a mass communication qualification.

The recommended combinations are:
- Public Relations and International Journalism
- Public Relations and Media Communication
- Advertising and Television
- International Journalism and Media and Communication.

Professional Recognition

Graduates of the Bachelor of Mass Communication (depending on their choice of majors) may satisfy the academic requirements for membership of the Advertising Institute of Australia, the Society of Business Communicators and the Public Relations Institute of Australia.

General Course structure

FACULTY CORE UNITS - 8 units required
- KCB101 Communication in the New Economy  
- KCB213 Strategic Speech Communication  
- KKB618 Writing For Creative Industries  
- KKB818 Introduction To Multimedia Technology  
- AMB201 Marketing and Audience Research  
- AMB220 Advertising Theory and Practice  
- AMB260 Public Relations Theory and Practice  
- BSB126 Marketing

Students intending to take the Television sub-major are required to take KWB111 Media Writing in place of KKB618 Writing For Creative Industries.

MAJOR CORE UNITS - 12 units required - Select two of the following 6 units majors
- Advertising
- Public Relations

PUBLIC RELATIONS
- AMB230 Internet Promotion  
- AMB231 Internet Promotion

ADVERTISING
- AMB200 Consumer Behaviour  
- AMB221 Advertising Copywriting  
- AMB222 Media Planning  
- AMB320 Advertising Management  
- AMB330 Advertising Strategy and Planning  
- AMB202 Integrated Marketing Communication

PUBLIC RELATIONS
- AMB230 Internet Promotion  
- AMB231 Internet Promotion  
- AMB261 Media Relations and Publicity

G U T H A N D B O O K 2 0 0 4  •  P A G E 3 9 2
UNIVERSITY-WIDE AND INTERFACULTY COURSES

AMB262 Public Relations Writing
AMB370 Public Relations Cases
AMB361 Public Relations Campaigns
Plus one of the following units:
AMB202 Integrated Marketing Communication
AMB231 Marketing Communications Regulations and Ethics

Media and Communication
KCB150 Media and Communications Industries
KCB336 New Media Technologies
KWB314 Corporate Writing and Editing
KCB335 Managing Communication Resources
KCB311 Political Communication
KCB349 Media Audiences
* Students may enrol in KJB320 Workplace Learning instead of
KCB311 Political Communication subject to the approval of the Media
and Communication Major Coordinator

Television*
KPB370 Principles of Television
KPB141 Film and Television Language
KPB155 Media Production
KPB209 Australian Television
KPB260 Community and Educational Video
KPB371 Advanced Principles of Television
* Students commencing the Television submajor from 2004 will undertake
this sequence of units. Students who commenced the Television submajor
prior to 2004 will complete the units of study indicated in the 2003 course
summary sheet.

International Journalism
KJB101 Journalism Information Systems
KJB120 Newswriting
KJB121 Journalistic Inquiry
KJB224 Feature Writing
KJB280 International Journalism
KJB337 Public Affairs Reporting
** Students may enrol in KJB335 Professional Media Practice instead of
KJB337 Public Affairs Reporting subject to the approval of the
Journalism Major Coordinator

Electives - 4 units required
Select four units from any Faculty.

Course structure - Advertising / International Journalism

Year 1, Semester 1
KCB101 Communication in the New Economy
KKB618 Writing For Creative Industries
KJB101 Journalism Information Systems
BSB126 Marketing

Year 1, Semester 2
KJB120 Newswriting
KKB818 Introduction To Multimedia Technology
AMB200 Consumer Behaviour
AMB220 Advertising Theory and Practice

Year 2, Semester 1
KJB213 Strategic Speech Communication
KJB280 International Journalism
AMB221 Advertising Copywriting
Elective

Year 3, Semester 1
KJB224 Feature Writing
AMB320 Advertising Management
AMB330 Advertising Strategy and Planning
Elective

Year 3, Semester 2
KJB337 Public Affairs Reporting
AMB202 Integrated Marketing Communication
OR
AMB230 Internet Promotion
Elective

* Students may enrol in KJB335 Professional Media Practice instead of
KJB337 subject to approval of the Journalism Major Coordinator

Course structure - Advertising / Media & Communication

Year 1, Semester 1
KCB101 Communication in the New Economy
KKB618 Writing For Creative Industries
KCB213 Strategic Speech Communication
BSB126 Marketing

Year 1, Semester 2
KCB336 New Media Technologies
AMB200 Consumer Behaviour
AMB220 Advertising Theory and Practice
AMB260 Public Relations Theory and Practice

Year 2, Semester 1
KKB818 Introduction To Multimedia Technology
KCB349 Media Audiences
AMB201 Marketing and Audience Research
AMB222 Media Planning

Year 2, Semester 2
KCB150 Media and Communications Industries
KWB314 Corporate Writing and Editing
AMB221 Advertising Copywriting
Elective

Year 3, Semester 1
KCB311 Political Communication
AMB320 Advertising Management
AMB330 Advertising Strategy and Planning
Elective

Year 3, Semester 2
KCB335 Managing Communication Resources
AMB202 Integrated Marketing Communication
OR
AMB230 Internet Promotion
Elective

* Students may enrol in KKB320 Workplace Learning instead of
KCB311 Political Communication, subject to the approval of the Media
& Communication Major Coordinator.

Course structure - Advertising / Television

Year 1, Semester 1
KCB213 Strategic Speech Communication
KKB818 Introduction To Multimedia Technology
KWB111 Media Writing
BSB126 Marketing

Year 1, Semester 2
KCB101 Communication in the New Economy
KPB141 Film and Television Language
AMB200 Consumer Behaviour
AMB220 Advertising Theory and Practice

Year 2, Semester 1
KPB209 Australian Television
KPB370 Principles of Television
AMB201 Marketing and Audience Research
AMB222 Media Planning

Year 2, Semester 2
KPB155 Media Production
AMB260 Public Relations Theory and Practice
AMB320 Advertising Management
Elective

Year 3, Semester 1
KPB260 Community and Educational Video
AMB221 Advertising Copywriting
AMB330 Advertising Strategy and Planning
Elective

Year 3, Semester 2
KPB371 Advanced Principles of Television
AMB202 Integrated Marketing Communication
OR
AMB230 Internet Promotion
Elective

Course structure - Advertising/Public Relations

Year 1, Semester 1
KCB101 Communication in the New Economy
KCB213 Strategic Speech Communication
KKB618 Writing For Creative Industries
BSB126 Marketing
UNIVERSITY-WIDE AND INTERFACULTY COURSES

Year 1, Semester 2
AMB200 Consumer Behaviour
AMB201 Marketing and Audience Research
AMB220 Advertising Theory and Practice
AMB260 Public Relations Theory and Practice

Year 2, Semester 1
KKB818 Introduction To Multimedia Technology
AMB222 Media Planning
AMB230 Internet Promotion
AMB261 Media Relations and Publicity

Year 2, Semester 2
AMB262 Public Relations Writing
AMB221 Advertising Copywriting
AMB231 Marketing Communications Regulations and Ethics
Elective

Year 3, Semester 1
AMB202 Integrated Marketing Communication
AMB330 Advertising Strategy and Planning
AMB370 Public Relations Cases
Elective

Year 3, Semester 2
AMB320 Advertising Management
AMB381 Public Relations Campaigns
Elective
Elective

Course structure - Public Relations / International Journalism

Year 1, Semester 1
KCB101 Communication in the New Economy
KKB618 Writing For Creative Industries
KJB101 Journalism Information Systems
BSB126 Marketing

Year 1, Semester 2
KJB120 Newswriting
KCB213 Strategic Speech Communication
AMB220 Advertising Theory and Practice
AMB260 Public Relations Theory and Practice

Year 2, Semester 1
KJB121 Journalistic Inquiry
AMB201 Marketing and Audience Research
AMB230 Internet Promotion
AMB261 Media Relations and Publicity

Year 2, Semester 2
KKB818 Introduction To Multimedia Technology
KJB280 International Journalism
AMB262 Public Relations Writing
Elective

Year 3, Semester 1
KJB224 Feature Writing
AMB370 Public Relations Cases
Elective
Elective

Year 3, Semester 2
KJB337 Public Affairs Reporting
AMB202 Integrated Marketing Communication
AMB231 Marketing Communications Regulations and Ethics
AMB361 Public Relations Campaigns

* Students may enrol in KKB320 Workplace Learning instead of
KCB311 Political Communication, subject to the approval of the Media & Communication Major Coordinator.

Course structure - Public Relations / Television

Year 1, Semester 1
KCB101 Communication in the New Economy
KWB111 Media Writing
KCB213 Strategic Speech Communication
BSB126 Marketing

Year 1, Semester 2
KKB818 Introduction To Multimedia Technology
AMB220 Advertising Theory and Practice
AMB260 Public Relations Theory and Practice
KPB141 Film and Television Language

Year 2, Semester 1
KPB209 Australian Television
AMB201 Marketing and Audience Research
AMB261 Media Relations and Publicity
KPB370 Principles of Television

Year 2, Semester 2
KPB155 Media Production
AMB230 Internet Promotion
AMB262 Public Relations Writing
Elective

Year 3, Semester 1
KPB260 Community and Educational Video
AMB370 Public Relations Cases
Elective
Elective

Year 3, Semester 2
KPB371 Advanced Principles of Television
AMB202 Integrated Marketing Communication
AMB231 Marketing Communications Regulations and Ethics
AMB361 Public Relations Campaigns

* Students may enrol in KKB320 Workplace Learning instead of
KCB311 Political Communication, subject to the approval of the Media & Communication Major Coordinator.

Course structure - Media & Communication / Television

Year 1, Semester 1
KCB101 Communication in the New Economy
KCB213 Strategic Speech Communication
KWB111 Media Writing
BSB126 Marketing

Year 1, Semester 2
KPB141 Film and Television Language
KCB150 Media and Communications Industries
AMB201 Marketing and Audience Research
AMB260 Public Relations Theory and Practice

Year 2, Semester 1
KPB370 Principles of Television
KPB209 Australian Television
AMB220 Advertising Theory and Practice
KCB349 Media Audiences

Year 2, Semester 2
KPB335 Managing Communication Resources
KPB155 Media Production
KCB336 New Media Technologies
Elective

Year 3, Semester 1
KCB311 Political Communication
KKB818 Introduction To Multimedia Technology
KPB260 Community and Educational Video
KJB337 Public Affairs Reporting
KPB371 Advanced Principles of Television
Elective
Elective

** Students may enrol in KJB335 Professional Media Practice instead of KJB337 subject to approval of the Journalism Major Coordinator.

** Students commencing the Television major from 2004 will undertake this sequence of units.

Creative Industries Open Electives
See Bachelor of Creative Industries (Creative Writing)/Bachelor of Laws (IF93) for details.

Bachelor of Mathematics/Bachelor of Business (Accountancy, Banking and Finance or Economics) (IF60)

Award title: Bachelor of Applied Science (Mathematics)/Bachelor of Business (Study Area A)
CRICOS code: 027274G
Location: Gardens Point
Course duration (full-time): 4 Years
Total credit points: 432

Standard credit points per semester (full-time): 54 (Average)

Course coordinator: Dr. Jack Wrigley (Mathematics); Mr. Eugene McCann (Economics)

Course Design
The course offers the opportunity to combine Applied Science (Mathematics) with a business course majoring in Accountancy, Banking and Finance or Economics, which can be combined with an extended major in the same field, or with a double major from any of the Bachelor of Business majors, including Electronic Business.

Professional Recognition
Graduates will be eligible for membership of the Mathematical Society of Australia, the Statistical Society of Australia and, depending on unit selection, the Australian Society of Operations Research. Depending on the choice of major, extended major or specialisation graduates may be eligible for membership of the Economic Society of Australia (Queensland Division), Australian Institute of Management, Australasian Institute of Banking and Finance (AIBF), Chartered Secretaries Australia, CPA Australia and the Institute of Chartered Accountants in Australia (ICAA).

Course Combinations
Recommended combinations for the Business component are:
Accountancy: Extended major in Professional Accounting
Banking & Finance: Extended major in Banking, Financial Economics or Funds Management; or double major in Economics
Economics: Extended major in Financial Economics or double major in Banking & Finance.

Please note that EFB101 Data Analysis for Business which is normally undertaken in the majors of Accountancy, Banking and Finance & Economics, is not required as the content will be covered in the statistics units from the mathematics component of the program.

Students also note that enrolment in the unit EFB326 Applied Portfolio Management is restricted to students undertaking the Financial Economics specialisation (FES) and the following extended majors: Banking (BFX); Financial Economics (FEX); and Funds Management (FDX).

Course structure - Accountancy Major (For students with SA in Senior Maths B & C)

Year 1, Semester 1
BSB110 Accounting

Year 2, Semester 1
KJB101 Journalism Information Systems
KWB111 Marketing

Year 2, Semester 2
KJB224 Feature Writing
KPB260 Community and Educational Video
Elective
Elective

Year 3, Semester 1
KJB101 Journalism Information Systems
KWB111 Marketing

Location:

Course duration (full-time): 4 Years
Total credit points: 432

Standard credit points per semester (full-time): 54 (Average)

Course coordinator: Dr. Jack Wrigley (Mathematics); Mr. Eugene McCann (Economics)

Course Design
The course offers the opportunity to combine Applied Science (Mathematics) with a business course majoring in Accountancy, Banking and Finance or Economics, which can be combined with an extended major in the same field, or with a double major from any of the Bachelor of Business majors, including Electronic Business.

Professional Recognition
Graduates will be eligible for membership of the Mathematical Society of Australia, the Statistical Society of Australia and, depending on unit selection, the Australian Society of Operations Research. Depending on the choice of major, extended major or specialisation graduates may be eligible for membership of the Economic Society of Australia (Queensland Division), Australian Institute of Management, Australasian Institute of Banking and Finance (AIBF), Chartered Secretaries Australia, CPA Australia and the Institute of Chartered Accountants in Australia (ICAA).

Course Combinations
Recommended combinations for the Business component are:
Accountancy: Extended major in Professional Accounting
Banking & Finance: Extended major in Banking, Financial Economics or Funds Management; or double major in Economics
Economics: Extended major in Financial Economics or double major in Banking & Finance.

Please note that EFB101 Data Analysis for Business which is normally undertaken in the majors of Accountancy, Banking and Finance & Economics, is not required as the content will be covered in the statistics units from the mathematics component of the program.

Students also note that enrolment in the unit EFB326 Applied Portfolio Management is restricted to students undertaking the Financial Economics specialisation (FES) and the following extended majors: Banking (BFX); Financial Economics (FEX); and Funds Management (FDX).

Course structure - Accountancy Major (For students with SA in Senior Maths B & C)

Year 1, Semester 1
BSB110 Accounting

Location:

Course duration (full-time): 4 Years
Total credit points: 432

Standard credit points per semester (full-time): 54 (Average)

Course coordinator: Dr. Jack Wrigley (Mathematics); Mr. Eugene McCann (Economics)

Course Design
The course offers the opportunity to combine Applied Science (Mathematics) with a business course majoring in Accountancy, Banking and Finance or Economics, which can be combined with an extended major in the same field, or with a double major from any of the Bachelor of Business majors, including Electronic Business.

Professional Recognition
Graduates will be eligible for membership of the Mathematical Society of Australia, the Statistical Society of Australia and, depending on unit selection, the Australian Society of Operations Research. Depending on the choice of major, extended major or specialisation graduates may be eligible for membership of the Economic Society of Australia (Queensland Division), Australian Institute of Management, Australasian Institute of Banking and Finance (AIBF), Chartered Secretaries Australia, CPA Australia and the Institute of Chartered Accountants in Australia (ICAA).

Course Combinations
Recommended combinations for the Business component are:
Accountancy: Extended major in Professional Accounting
Banking & Finance: Extended major in Banking, Financial Economics or Funds Management; or double major in Economics
Economics: Extended major in Financial Economics or double major in Banking & Finance.

Please note that EFB101 Data Analysis for Business which is normally undertaken in the majors of Accountancy, Banking and Finance & Economics, is not required as the content will be covered in the statistics units from the mathematics component of the program.

Students also note that enrolment in the unit EFB326 Applied Portfolio Management is restricted to students undertaking the Financial Economics specialisation (FES) and the following extended majors: Banking (BFX); Financial Economics (FEX); and Funds Management (FDX).
BSB113  Economics
MAB101  Statistical Data Analysis 1
MAB111  Mathematical Sciences 1B

Year 2, Semester 1
AYB121  Financial Accounting
BSB119  International and Electronic Business
BSB122  Business Information Analysis and Communication
MAB112  Mathematical Sciences 1C
MAB210  Statistical Modelling 1

Year 2, Semester 2
AYB220  Company Accounting
BSB111  Business Law and Ethics
MAB311  Advanced Calculus
MAB313  Mathematics of Finance

Year 3, Semester 1
AYB225  Management Accounting
BSB115  Management, People and Organisations
Mathematics Elective (Level 2 or 3)
Business Double Major / Extended Major / Specialisation Unit

Year 3, Semester 2
BSB114  Government, Business and Society
Mathematics Elective (Level 2 or 3)
Business Double Major / Extended Major / Specialisation Unit

Year 4, Semester 1
AYB301  Auditing
MAB313  Mathematics of Finance
Mathematics Elective (Level 2 or 3)
Mathematics Elective (Level 2 or 3)

Year 4, Semester 2
BSB115  Management, People and Organisations
AYB225  Management Accounting
BSB111  Business Law and Ethics
MAB311  Advanced Calculus
MAB313  Mathematics of Finance

Course structure - Banking and Finance Major (for students with SA in Senior Maths B only)

Year 1, Semester 1
BSB110  Accounting
BSB113  Economics
MAB101  Statistical Data Analysis 1
MAB111  Mathematical Sciences 1B

Year 1, Semester 2
AYB225  Management Accounting
BSB115  Management, People and Organisations
Mathematics Elective (Level 2 or 3)
Business Double Major / Extended Major / Specialisation Unit

Year 2, Semester 1
AYB220  Company Accounting
BSB111  Business Law and Ethics
MAB311  Advanced Calculus
MAB313  Mathematics of Finance

Year 2, Semester 2
AYB221  Computerised Accounting Systems
BSB126  Marketing
MAB220  Computational Mathematics 1
Mathematics Elective (Level 2 or 3)
Mathematics Elective (Level 2 or 3)

Year 4, Semester 1
AYB301  Auditing
Mathematics Elective (Level 2 or 3)
Mathematics Elective (Level 2 or 3)

Year 4, Semester 2
BSB115  Management, People and Organisations
BSB111  Business Law and Ethics
MAB311  Advanced Calculus
MAB313  Mathematics of Finance

Course structure - Banking and Finance Major (for students with SA in Senior Maths B only)

Year 1, Semester 1
BSB110  Accounting
BSB113  Economics
MAB101  Statistical Data Analysis 1
MAB111  Mathematical Sciences 1B

Year 1, Semester 2
AYB225  Management Accounting
BSB115  Management, People and Organisations
Mathematics Elective (Level 2 or 3)
Business Double Major / Extended Major / Specialisation Unit

Year 2, Semester 1
AYB220  Company Accounting
BSB111  Business Law and Ethics
MAB311  Advanced Calculus
MAB313  Mathematics of Finance

Year 2, Semester 2
AYB221  Computerised Accounting Systems
BSB126  Marketing
MAB220  Computational Mathematics 1
Mathematics Elective (Level 2 or 3)
Mathematics Elective (Level 2 or 3)

Year 3, Semester 1
AYB225  Management Accounting
BSB115  Management, People and Organisations
Mathematics Elective (Level 2 or 3)
Business Double Major / Extended Major / Specialisation Unit

Year 3, Semester 2
BSB114  Government, Business and Society
Mathematics Elective (Level 2 or 3)
Business Double Major / Extended Major / Specialisation Unit

Year 4, Semester 1
Mathematics Elective (Level 2 or 3)
Mathematics Elective (Level 2 or 3)

Year 4, Semester 2
Mathematics Elective (Level 2 or 3)
Mathematics Elective (Level 2 or 3)

Note: Students must select BSB119 International & Electronic Business to replace one of the Mathematics Electives.
Course structure - Economics Major (for students with SA in Senior Maths B & C)

Year 1, Semester 1
BSB110 Accounting
BSB113 Economics
MAB101 Statistical Data Analysis 1
MAB111 Mathematical Sciences 1B

Year 1, Semester 2
BSB119 International and Electronic Business
BSB122 Business Information Analysis and Communication
EFP102 Economics 2
MAB112 Mathematical Sciences 1C
MAB210 Statistical Modelling 1

Year 2, Semester 1
EFP202 Business Cycles and Economic Growth
EFP211 Firms, Markets and Resources
MAB311 Advanced Calculus
MAB313 Mathematics of Finance

Year 2, Semester 2
Mathematics Elective (Level 2 or 3)
Mathematics Elective (Level 2 or 3)
Business Double Major/Extended Major/Specialisation

Year 3, Semester 1
BSB115 Management, People and Organisations
BSB119 International and Electronic Business
EFP102 Economics 2
MAB111 Mathematical Sciences 1B
MAB112 Mathematical Sciences 1C
MAB210 Statistical Modelling 1

Year 3, Semester 2
EFP312 International Finance and Economics
Mathematics Elective (Level 2 or 3)
Business Double Major/Extended Major/Specialisation

Year 4, Semester 1
Mathematics Elective (Level 2 or 3)
Mathematics Elective (Level 2 or 3)
Business Double Major/Extended Major/Specialisation

Year 4, Semester 2
Mathematics Elective (Level 2 or 3)
Mathematics Elective (Level 2 or 3)
Mathematics Elective (Level 2 or 3)
Business Double Major/Extended Major/Specialisation

Note: Students must select BSB119 International & Electronic Business to replace one of the Mathematics Electives.

Extended Major in Banking
AYB225 Management Accounting
AYB312 Financial Institutions Law
EFP110 Financial Institutions - Control
EFP311 Financial Institutions - Lending

Extended Major in Financial Economics (for Banking & Finance Major)
EFP202 Business Cycles and Economic Growth
EFP211 Firms, Markets and Resources
EFP318 Portfolio and Security Analysis
EFP326 Applied Portfolio Management
Bachelor of Mathematics/Bachelor of Information Technology (IF58)

Award title: Bachelor of Applied Science (Mathematics)/Bachelor of Information Technology
CRICOS code: 020327M
Location: Gardens Point
Course duration (full-time): 4 Years

- Total credit points: 420 (Note: The minimum course load per semester required for full-time enrolment may be more than 36 credit points)
- Course coordinator: Assoc Prof Helen MacGillivray (Science)
- Discipline coordinator: Dr Gary Carter (Mathematics), Dr Alan Tickle (Information Technology)

Cooperative Education Program

An optional one-year period of paid work experience in an area of information technology is available to eligible full-time students. The Cooperative Education Program is a joint venture between employers and educators to better prepare students for employment upon graduation. Companies that QUT’s Cooperative Education students have worked with include Energex, Boeing, CITEC, Global Banking and Securities.

Course structure - For students with four semesters of Senior Mathematics B and Senior Mathematics C

For students with four semesters of Senior Mathematics B and Senior Mathematics C (or equivalent) with an exit assessment of at least Sound Achievement in both

- Year 1, Semester 1
  - ITB111 Software Development 1
  - ITB115 Introduction to Databases
  - MAB111 Mathematical Sciences 1B
  - MAB112 Mathematical Sciences 1C

- Year 1, Semester 2
  - ITB112 Software Development 2
  - ITB114 Networking Systems
  - ITB118 ICT Systems Life Cycle
  - MAB210 Statistical Modelling 1
  - MAB220 Computational Mathematics 1

- Year 2, Semester 1
  - ITB113 Systems Architecture
  - ITB610 Software Development 3
  - ITB624 Internetworking
  - MAB101 Statistical Data Analysis 1

- Year 2, Semester 2
  - ITB627 Network Technologies
  - ITB629 Network Services

- Year 3, Semester 1
  - ITB611 Object Technology
  - IT Elective Unit

- Year 3, Semester 2
  - ITB612 Software Engineering Principles
  - IT Elective Unit

- Year 4, Semester 1
  - ITB613 Advanced Programming Laboratory
  - IT Elective Unit
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>MAB580</td>
<td>Scientific Computation</td>
</tr>
<tr>
<td>MAB526</td>
<td>Statistical Science 3</td>
</tr>
<tr>
<td>MAB525</td>
<td>Operations Research 3A</td>
</tr>
<tr>
<td>MAB524</td>
<td>Statistical Inference</td>
</tr>
<tr>
<td>MAB523</td>
<td>Introduction to Quality Management</td>
</tr>
<tr>
<td>MAB522</td>
<td>Computational Mathematics 3</td>
</tr>
<tr>
<td>MAB521</td>
<td>Applied Mathematics 3</td>
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</table>

**Level 3 Units**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAB581</td>
<td>Visualisation and Data Analysis</td>
</tr>
<tr>
<td>MAB621</td>
<td>Discrete Mathematics</td>
</tr>
<tr>
<td>MAB623</td>
<td>Financial Mathematics</td>
</tr>
<tr>
<td>MAB624</td>
<td>Applied Statistics 3</td>
</tr>
<tr>
<td>MAB625</td>
<td>Operations Research 3B</td>
</tr>
<tr>
<td>MAB640</td>
<td>Industry Project</td>
</tr>
<tr>
<td>MAB672</td>
<td>Advanced Mathematical Modelling</td>
</tr>
</tbody>
</table>

**Bachelor of Music/Bachelor of Education (Secondary) (IX07)**

**Course structure - For students with four semesters of Senior Mathematics B (or equivalent) only**

For students with four semesters of Senior Mathematics B (or equivalent) only, with an exit assessment of at least Sound Achievement

- **Year 1, Semester 1**
  - ITB111: Software Development 1
  - ITB115: Introduction to Databases
  - MAB100: Mathematical Sciences 1A
  - MAB101: Statistical Data Analysis 1

- **Year 1, Semester 2**
  - ITB112: Software Development 2
  - ITB114: Networking Systems
  - ITB118: ICT Systems Life Cycle
  - MAB111: Mathematical Sciences 1B
  - MAB112: Mathematical Sciences 1C

- **Year 2, Semester 1**
  - ITB113: Systems Architecture
  - ITB610: Software Development 3
  - ITB624: Internetworking

- **Year 2, Semester 2**
  - ITB627: Network Technologies
  - ITB629: Network Services
  - MAB210: Statistical Modelling 1
  - MAB220: Computational Mathematics 1

- **Year 3, Semester 1**
  - ITB611: Object Technology
  - IT Elective Unit
  - Level 2 or 3 Maths unit

- **Year 3, Semester 2**
  - ITB612: Software Engineering Principles
  - IT Elective unit
  - Level 2 or 3 Maths unit

- **Year 4, Semester 1**
  - ITB613: Advanced Programming Laboratory
  - IT Elective unit
  - Level 2 or 3 Maths unit

- **Year 4, Semester 2**
  - IT Elective unit
  - IT Elective unit
  - Level 2 or 3 Maths unit

**Mathematics Units**

- Students must complete at least 48 credit points from Level 3 mathematics units

- **Level 2 Units**
  - MAB311: Advanced Calculus
  - MAB312: Linear Algebra
  - MAB313: Mathematics of Finance
  - MAB314: Statistical Modelling 2
  - MAB315: Operations Research 2
  - MAB380: Introduction to Supercomputing
  - MAB413: Differential Equations
  - MAB414: Applied Statistics 2
  - MAB420: Computational Mathematics 2
  - MAB422: Mathematical Modelling
  - MAB481: Visualisation and Data Analysis

- **Level 3 Units**
  - MAB521: Applied Mathematics 3
  - MAB522: Computational Mathematics 3
  - MAB523: Introduction to Quality Management
  - MAB524: Statistical Inference
  - MAB525: Operations Research 3A
  - MAB526: Statistical Science 3
  - MAB580: Scientific Computation
  - MAB613: Partial Differential Equations
  - MAB621: Discrete Mathematics
  - MAB623: Financial Mathematics
  - MAB624: Applied Statistics 3
  - MAB625: Operations Research 3B
  - MAB640: Industry Project
  - MAB672: Advanced Mathematical Modelling
  - MAB681: Advanced Visualisation and Data Analysis

- **Level 3 Mathematics units**

- Note: For students commencing in 2004 onwards, the units MAB523 Introduction to Quality Management and MAB621 Discrete Mathematics cannot be included in the mandatory 48 credit points minimum from Level 3 Mathematics units.

- **IT Elective Units**
  - See Bachelor of Applied Science/Bachelor of Information Technology (IF29) for details.

- **Field Experience Requirement**
  - As required by Queensland’s Child Protection Act, students must undergo national criminal history checks (which must be renewed every two years) prior to undertaking field experience.

- **Second Teaching Area - Instrumental Music**

- **Year 1, Semester 1**
  - Creative Industries Core Unit - List A
  - KMB651: Music Performance 1
  - KMB632: Core Musicianship 1
  - KMB619: Music and Sound Technology
  - Choose one unit from:
    - KMB640: Sex, Drugs, Rock N Roll
    - KMB631: World Music

- **Year 2, Semester 2**
  - Creative Industries Core Unit - List A
  - KMB652: Music Performance 2
  - KMB633: Core Musicianship 2
  - KMB621: Sound Recording and Acoustics
  - KMB622: Multi-Instrumental Music A

- **Year 1, Semester 1**
  - KMB630: Music Textures
  - KMB655: Music Performance 3
  - KMB637: Jazz and Popular Music Musicianship
  - KMB636: Cross Cultural Musicianship
  - KMB623: Conducting

- **Year 2, Semester 2**
  - KMB654: Music Performance 4
  - KMB635: Sound Media Musicianship
  - KMB634: Contemporary Art Music Musicianship
  - KMB628: Multi-Instrumental Music B
  - KMB617: Arranging

- **Notes:**
  - KMN619 Advanced Conducting (Summer fee paying unit) may count as a music elective whose prerequisite is KMB623 Conducting. See the Course Coordinator for details.
  - KMB619 is delivered in Intensive Mode in the week prior to the start of first semester.
### Second Teaching Area - Primary Music

**Year 1, Semester 1**  
Creative Industries Core Unit - List A  
KMB651 Music Performance 1  
KMB657 Music Production 1  
KMB632 Core Musicianship 1  
KMB619 Music and Sound Technology  
Select one unit from:  
KMB640 Sex, Drugs, Rock N Roll  
KMB631 World Music  
KMB616 Group Music  
**Year 1, Semester 2**  
Creative Industries Core Unit - List A  
KMB633 Core Musicianship 2  
KMB652 Music Performance 2  
AND  
KMB621 Sound Recording and Acoustics  
OR  
KMB658 Music Production 2  
AND  
KMB626 Music and Sound For Multimedia  
Select one unit from:  
KMB622 Multi-Instrumental Music A  
KMB638 Sound and Image  
KMB648 The Music Scene  
KMB667 Music and Spirituality  
KMB616 Group Music  
**Year 2, Semester 1**  
KMB630 Music Textures  
KMB653 Music Performance 3  
OR  
KMB659 Music Production 3  
KMB637 Jazz and Popular Music Musicianship  
KMB636 Cross Cultural Musicianship  
KMB630 Music Textures  
KDB182 Dance Technique Studies 3  
KDB117 Dance In Education  
**Year 2, Semester 2**  
KMB654 Music Performance 4  
OR  
KMB660 Music Production 4  
KMB635 Sound Media Musicianship  
OR  
KMB634 Contemporary Art Music Musicianship  
KDB106 Dance Analysis  
KDB183 Dance Technique Studies 4  
Select one unit from:  
KMB617 Arranging  
KMB626 Music and Sound For Multimedia  
KMB638 Sound and Image  
KMB648 The Music Scene  
KMB667 Music and Spirituality  
KMB622 Multi-Instrumental Music A  
### Second Teaching Area - Dance

**Year 1, Semester 1**  
KMB651 Music Performance 1  
OR  
KMB657 Music Production 1  
KMB632 Core Musicianship 1  
KMB619 Music and Sound Technology  
KTB257 Studies In Acting 1  
**Year 1, Semester 2**  
KMB652 Music Performance 2  
AND  
KMB621 Sound Recording and Acoustics  
OR  
KMB658 Music Production 2  
AND  
KMB626 Music and Sound For Multimedia  
KMB633 Core Musicianship 2  
KTB251 20th Century Stages  
**Year 2, Semester 1**  
KMB653 Music Performance 3  
OR  
KMB659 Music Production 3  
KMB637 Jazz and Popular Music Musicianship  
KMB636 Cross Cultural Musicianship  
KMB630 Music Textures  
KTB214 Process Drama  
KSB278 Technical Theatre  
**Year 2, Semester 2**  
KMB654 Music Performance 4  
OR  
KMB660 Music Production 4  
KMB635 Sound Media Musicianship  
OR  
KMB634 Contemporary Art Music Musicianship  
KTB280 Drama As Social Action  
Select one unit from:  
KTB304 Forming Knowledge  
KMB617 Arranging  
KMB626 Music and Sound For Multimedia  
KMB638 Sound and Image  
KMB648 The Music Scene  
KMB667 Music and Spirituality  
KMB622 Multi-Instrumental Music A  
### Second Teaching Area - Visual Arts

**Year 1, Semester 1**  
KMB651 Music Performance 1  
OR  
KMB657 Music Production 1  
KMB632 Core Musicianship 2  
KDB114 Architecture Of The Body  
**Year 1, Semester 2**  
KMB652 Music Performance 2  
AND  
KMB621 Sound Recording and Acoustics  
OR  
KMB658 Music Production 2  
AND  
KMB626 Music and Sound For Multimedia  
KMB633 Core Musicianship 2  
KTB251 20th Century Stages  
**Year 2, Semester 1**  
KMB653 Music Performance 3  
OR  
KMB659 Music Production 3  
KMB637 Jazz and Popular Music Musicianship  
KMB636 Cross Cultural Musicianship  
KMB630 Music Textures  
KDB182 Dance Technique Studies 3  
KDB117 Dance In Education  
**Year 2, Semester 2**  
KMB654 Music Performance 4  
OR  
KMB660 Music Production 4  
KMB635 Sound Media Musicianship  
OR  
KMB634 Contemporary Art Music Musicianship  
KDB106 Dance Analysis  
KDB183 Dance Technique Studies 4  
Select one unit from:  
KMB617 Arranging  
KMB626 Music and Sound For Multimedia  
KMB638 Sound and Image  
KMB648 The Music Scene  
KMB667 Music and Spirituality  
KMB622 Multi-Instrumental Music A  
### Second Teaching Area - Drama

**Year 1, Semester 1**  
KMB651 Music Performance 1  
OR  
KMB657 Music Production 1  
KMB632 Core Musicianship 1  
KMB619 Music and Sound Technology  
**Year 1, Semester 2**  
KMB652 Music Performance 2  
AND  
KMB621 Sound Recording and Acoustics  
OR  
KMB658 Music Production 2  
AND  
KMB626 Music and Sound For Multimedia  
KMB633 Core Musicianship 2  
**Year 2, Semester 1**  
KMB653 Music Performance 3  
OR  
KMB659 Music Production 3  
KMB637 Jazz and Popular Music Musicianship  
KMB636 Cross Cultural Musicianship  
KMB630 Music Textures  
KDB182 Dance Technique Studies 3  
KDB117 Dance In Education  
**Year 2, Semester 2**  
KMB654 Music Performance 4  
OR  
KMB660 Music Production 4  
KMB635 Sound Media Musicianship  
OR  
KMB634 Contemporary Art Music Musicianship  
KDB106 Dance Analysis  
KDB183 Dance Technique Studies 4  
Select one unit from:  
KMB617 Arranging  
KMB626 Music and Sound For Multimedia  
KMB638 Sound and Image  
KMB648 The Music Scene  
KMB667 Music and Spirituality  
KMB622 Multi-Instrumental Music A
UNIVERSITY-WIDE AND INTERFACULTY COURSES

KVB702 Australian and Indigenous Art

Year 1, Semester 2
KMB652 Music Performance 2
AND
KMB621 Sound Recording and Acoustics
OR
KMB658 Music Production 2
AND
KMB626 Music and Sound For Multimedia
KMB633 Core Musicianship 2
KVB701 Modernism
Creative Industries Core Unit

Year 2, Semester 1
KMB653 Music Performance 3
OR
KMB659 Music Production 3
OR
KMB637 Jazz and Popular Music Musicianship
OR
KMB636 Cross Cultural Musicianship
KMB630 Music Textures
Select two units from:
KVB447 Drawing
KVB457 Sculpture
KVB503 Clay Materials
KVB509 Photomedia and Artistic Practice

Year 2, Semester 2
KMB654 Music Performance 4
OR
KMB660 Music Production 4
OR
KMB635 Sound Media Musicianship
OR
KMB634 Contemporary Art Music Musicianship
Select one unit from:
KMB617 Arranging
KMB626 Music and Sound For Multimedia
KVB503 Clay Materials
KMB638 Sound and Image
KMB648 The Music Scene
KMB667 Music and Spirituality
Select two units from:
KVB447 Drawing
KVB457 Sculpture
KVB509 Photomedia and Artistic Practice

Second Teaching Area - other than Drama, Dance or Visual Arts

Year 1, Semester 1
KMB651 Music Performance 1
OR
KMB657 Music Production 1
KMB632 Core Musicianship 1
KMB619 Music and Sound Technology
Creative Industries Core Unit - List A

Year 1, Semester 2
Creative Industries Core Unit
KMB633 Core Musicianship 2
KMB652 Music Performance 2
AND
KMB621 Sound Recording and Acoustics
OR
KMB658 Music Production 2
AND
KMB626 Music and Sound For Multimedia
Second Teaching Area Unit

Year 2, Semester 1
KMB653 Music Performance 3
OR
KMB659 Music Production 3
KMB637 Jazz and Popular Music Musicianship
KMB636 Cross Cultural Musicianship
KMB630 Music Textures
Second Teaching Area Unit

Year 2, Semester 2
KMB654 Music Performance 4
OR
KMB660 Music Production 4
KMB635 Sound Media Musicianship

KMB634 Contemporary Art Music Musicianship
Second Teaching Area Unit
Select one unit from:
KMB617 Arranging
KMB626 Music and Sound For Multimedia
KMB638 Sound and Image
KMB648 The Music Scene
KMB667 Music and Spirituality

List A: Creative Industries Core Units
KKB008 Narrative in the Creative Industries
KKB018 Creative Industries
KKB418 Cultures and Creativity
KKB618 Writing For Creative Industries
KKB818 Introduction To Multimedia Technology

EDUCATION COMPONENT

Year 3, Semester 2
EDB002 Teaching and Learning Studies 2: Development and Learning
EDB031 Secondary Field Studies 1: Development and Learning in the Field
KMB201 Music (Secondary) Curriculum Studies 1
Curriculum Studies 1Y

Year 3, Semester 2
EDB003 Teaching and Learning Studies 3: Practising Education
EDB032 Secondary Field Studies II: Practising Education in the Field
KMB202 Music (Secondary) Curriculum Studies 2
Curriculum Studies 2Y

Year 4, Semester 1
EDB004 Teaching and Learning Studies IV: Inclusive Education
EDB033 Secondary Field Studies III: Immersion in Inclusive Educational Practices
KMB203 Music (Secondary) Curriculum Studies 3
Curriculum Studies 3Y

Year 4, Semester 2
EDB005 Teaching and Learning Studies V: Professional Work of Teachers
EDB034 Secondary Field Studies VI: Professional Work of Teachers: Induction into Practice
EDB035 Internship (Secondary)
Education Elective

Curriculum Studies - Second Teaching Area

Curriculum Studies 1
KVB301 Visual Art Curriculum Studies 1
KTB201 Drama Curriculum Studies 1
CLB018 English Curriculum Studies 1
CLB024 Film and Media Curriculum Studies 1
CLB027 Geography Curriculum Studies 1
CLB030 History Curriculum Studies 1
CLB036 LOTE Curriculum Studies 1
KMB101 Music (Primary/Instrumental) Curriculum Studies 1

Curriculum Studies 2
KVB302 Visual Art Curriculum Studies 2
KTB202 Drama Curriculum Studies 2
CLB019 English Curriculum Studies 2
CLB025 Film and Media Curriculum Studies 2
CLB028 Geography Curriculum Studies 2
CLB031 History Curriculum Studies 2
CLB037 LOTE Curriculum Studies 2
KMB102 Music (Primary/Instrumental) Curriculum Studies 2

Curriculum Studies 3
KVB303 Visual Art Curriculum Studies 3
KTB203 Drama Curriculum Studies 3
CLB020 English Curriculum Studies 3
CLB026 Film and Media Curriculum Studies 3
CLB029 Geography Curriculum Studies 3
CLB032 History Curriculum Studies 3
CLB038 LOTE Curriculum Studies 3
KMB103 Music (Primary/Instrumental) Curriculum Studies 3

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Section Four

Unit Synopses

Unit Coding and Numbering.................................................................................................................. 404
Unit Synopses ........................................................................................................................................ 405
This section provides synopses of the units offered in the academic programs section.

The synopses are presented in alpha-numeric order according to their codes.

UNIT CODING AND NUMBERING

The unit code is of the format XXX999. The first two characters indicate the faculty or school administering the unit. The third character indicates the level of the course in which the unit is normally taught.

UNIT CODING

- AD Design and Built Environment
- AM Advertising, Marketing and Public Relations
- AR Design and Built Environment
- AY Accountancy
- BN Built Environment and Engineering
- BS Business
- CE Civil Engineering
- CL Cultural and Language Studies in Education
- CN Construction Management
- DB Design and Built Environment
- EA Early Childhood
- ED Education
- EE Electrical and Electronic Systems Engineering
- EF Economics and Finance
- GS Brisbane Graduate School of Business
- HH Humanities and Human Services
- HL Health
- HM Human Movement Studies
- IB International Business
- IF Interfaculty Courses
- IT Information Technology
- JS Justice Studies
- KC Media Communication
- KD Dance
- KF Fashion
- KI Communication Design
- KJ Journalism
- KK Creative Industries Faculty
- KM Music
- KP Film and Television
- KS Acting and Technical Production
- KT Theatre Studies
- KV Visual Arts
- KW Creative Writing and Cultural Studies
- LP Legal Practice
- LS Life Science
- LW Law
- MA Mathematical Sciences
- MD Mathematics, Science and Technology Education
- ME Mechanical, Manufacturing and Medical Engineering
- MG Management and Human Resource Management
- MM Mechanical, Manufacturing and Medical Engineering
- NR Natural Resource Sciences
- NS Nursing
- OP Optometry
- PC Physical Sciences
- PS Planning, Landscape Architecture and Surveying
- PU Public Health
- PY Psychology and Counselling
- QC QUT International College
- SC Science
- SP Learning and Professional Studies

LEVEL INDICATORS

- X = Certificate, Associate Diploma, Associate Degrees, Diploma
- B = Degree
- D = University Diploma
- F = Foundation Program
- P = Graduate Diploma
- N = Masters Degree
- R = Doctoral
- S = Special Units
- Z = Offshore Offering

PREREQUISITE AND COREQUISITE UNITS

For definitions of the terms prerequisite and corequisite unit(s), refer to Rule 12 of the Student Rules section.

Disclaimer

Some schools have indicated the availability of their units for semester 1 (1), semester 2 (2), or Summer Program (3). These indications are preliminary only and are subject to change.
UNIT SYNOPSIS

ADB001 ARCHITECTURAL DESIGN 1
Introduction to design theory. Develop exercises for enhancing the fundamental architectural con-ception, developmental exercises in graphic/presentation skills with an emphasis on orthog-onal projection and the drawing systems. The major design project introduces students to a range of issues and provokes exploration, development of social and cultural concerns. Generating spatial and formal values and enhances sensibilities concerning architectural qualities.

Courses: BN31, AR48
Contact hours: 8 per week  Credit points: 12
Campus: GP  Semester: 1

ADB002 ARCHITECTURAL DESIGN 2
Introduction to critical design theory. Develop-mental 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 an understanding of a particular place.

Courses: BN31, AR48  Prerequisites: ADB001
Contact hours: 8 per week  Credit points: 12
Campus: GP  Semester: 2

ADB003 ARCHITECTURAL DESIGN 3
Design theory: physical context, landscape, so-cial context, ethics and values. Integration of contextual studies, technology, specifically building construction and design for climate. Projects and exercises.

Courses: BN31, AR48  Prerequisites: ADB002
Corequisites: ADB011, ADB013
Contact hours: 6 per week  Credit points: 12
Campus: GP  Semester: 1

ADB004 ARCHITECTURAL DESIGN 4
Design theory: physical context, landscape, so-cial context, ethics and values. Integration of contextual studies, technology, specifically building construction, design for climate. Projects are generally of domestic scale.

Courses: BN31, AR48  Prerequisites: ADB003
Contact hours: 6 per week  Credit points: 12
Campus: GP  Semester: 2

ADB005 ARCHITECTURAL DESIGN 5
Design theory, sustainability, sociological and contextual concerns related to particular design problems. The unit will often include a 'commu-nity service' project, generally a collaborative, participatory design with selected community groups as 'client'.

Courses: BN31, AR48  Prerequisites: ADB004
Corequisites: ADB913
Contact hours: 6 per week  Credit points: 12
Campus: GP  Semester: 1

ADB006 ARCHITECTURAL DESIGN 6
Design theory, urban sustainability, sociological and contextual concerns related to particular design problems. The content of the unit is project-dependent.

Courses: BN31, AR48  Prerequisites: ADB006
Contact hours: 5 per week  Credit points: 12
Campus: GP  Semester: 1

ADB007 ARCHITECTURAL DESIGN 7
The content of the unit is project-dependent.

Courses: AR48  Prerequisites: ADB007
Contact hours: 5 per week  Credit points: 12
Campus: GP  Semester: 2

ADB008 ARCHITECTURAL DESIGN 8
The content of the unit is project-dependent.

Courses: AR48  Prerequisites: ADB008
Contact hours: 5 per week  Credit points: 12
Campus: GP  Semester: 1

ADB011 CONTEXTUAL STUDIES 1
The course will cover the emergence of modern architectural theory in Europe in the late nineteenth and early twentieth century, and the development of the ideas and proposals arrived at through the 1920s and 30s. The dominance of modern architecture following the war and the early critiques will be examined. An analysis of the emergence of postmodern thought and the various architectural directions being pursued throughout the world in the late twentieth century to find viable and meaningful designs will be present.

Courses: BN31, AR48  Prerequisites: ADB001
Contact hours: 3 per week  Credit points: 12
Campus: GP  Semester: 1

ADB012 CONTEXTUAL STUDIES 2
Australian and Oceanic architecture is examined from pre-European settlement times to the pre-sumption of modernism. The course examines the development and function, ecology and sustainability.

Courses: BN31, AR48  Prerequisites: ADB001
Contact hours: 2 per week  Credit points: 12
Campus: GP  Semester: 2

ADB013 CONTEXTUAL STUDIES 3
Unit covers the traditions of the diverse cultures of Asia and urban history. The course examines how traditional architecture is shaped by culture and society. It focuses on the geographic regions of the world that includes China, Japan and Korea and that of South Asia, including India, Nepal and Sri Lanka. Design and Cities: across geographic regions, including Europe, America, Australia and Asia are studied from an historical and contemporary perspective to under-stand cities, environments, culture, political, economics and function, ecology and sustainability.

Courses: AR48
Contact hours: 3 per week  Credit points: 12
Campus: GP  Semester: 1

ADB014 CONTEXTUAL STUDIES 4
Contemporary Thinking and Architectural Cul-ture. This unit aims to consolidate for students a theoretical contemporary framework in which to locate key moments in contemporary architec-tural and cultural production from diverse con-texts. It introduces students to contemporary debates and endeavours as to de-mystify the language of contemporary architectural ideas and aesthetics in order to promote self-directed interest in contemporary theory and criticism.

Courses: AR48
Contact hours: 3 per week  Credit points: 12
Campus: GP  Semester: 2

ADB021 TECHNOLOGY AND SCIENCE 1
A study of the properties and behaviour of common building materials and the historical devel-opment of building technologies. Basic structural systems; behaviour of structures and members under load; application of knowledge in design exercises and projects.

Courses: BN31, AR48  Prerequisites: ADB921
Contact hours: 4 per week  Credit points: 12
Campus: GP  Semester: 2

ADB022 TECHNOLOGY AND SCIENCE 2
Detailed consideration of domestic scale build-ing: basic design for climate; energy conserva-tion. The implications of the principles of the subject on the form and fabric of buildings are illustrated.

Courses: BN31, AR48  Prerequisites: ADB021
Contact hours: 4 per week  Credit points: 12
Campus: GP  Semester: 1

ADB023 TECHNOLOGY AND SCIENCE 3
Detailed consideration of domestic scale build-ing: design for natural ventilation, lighting, acoustics and fire control; implications of the principles of the subject on the form and fabric of buildings are illustrated.

Courses: BN31, AR48  Prerequisites: ADB022
Contact hours: 4 per week  Credit points: 12
Campus: GP  Semester: 2

ADB025 TECHNOLOGY AND SCIENCE 5
Building construction - an overview of construc-tion systems used in medium to high-rise indus-trial and commercial buildings. Students will study an overview of structural considerations in steel and reinforced concrete structural systems.

Courses: BN31, AR48  Prerequisites: ADB023
Contact hours: 4 per week  Credit points: 12
Campus: GP  Semester: 1

ADB026 TECHNOLOGY AND SCIENCE 6
Topics include a case study of the building type being studied in ADB007, working with engi-neering consultants and the programming of work.

Courses: AR48  Prerequisites: ADB024
Contact hours: 3 per week  Credit points: 12
Campus: GP  Semester: 2

ADB031 PROFESSIONAL STUDIES 1
The course will cover the emergence of modern architectural theory in Europe in the late nineteenth and early twentieth century, and the development of the ideas and proposals arrived at through the 1920s and 30s. The dominance of modern architecture following the war and the early critiques will be examined. An analysis of the emergence of postmodern thought and the various architectural directions being pursued throughout the world in the late twentieth century to find viable and meaningful designs will be present.

Courses: BN31, AR48  Prerequisites: ADB001
Contact hours: 3 per week  Credit points: 12
Campus: GP  Semester: 2

ADB033 PROFESSIONAL STUDIES 3
Self-paced national course (BPA 2) prepared by the Royal Australin Institute of Architects as a Continuing Education program which will attract certification from the RAIA. The course will cover ethical, administrative and management issues in relation to architectural practice.

Courses: AR48  Prerequisites: ADB932
Contact hours: 4 per week  Credit points: 12
Campus: GP  Semester: 2

ADB051 ARCHITECTURAL RESEARCH 1
Unit provides students with an overview of research methodology. Students will examine the differences between various research methods and product. A number of issues will be addressed in the elected area of research including definition of study area; research aims and objectives, initial proposition, structuring research approach, analysis and preliminary conclusions based on literature review.

Courses: AR48
Contact hours: 4 per week  Credit points: 12
Campus: GP  Semester: 2

ADB052 ARCHITECTURAL RESEARCH 2
Students continue their studies on an approved topic commenced in Architectural Research 1. By means of a thesis presentation students will demonstrate their ability to define and logically argue propositions, and to conduct research to prove its validity by means of a well-constructed research project including critical analysis.

Courses: AR48  Prerequisites: ADB051
Contact hours: 4 per week  Credit points: 12
Campus: GP  Semester: 1

ADB053 ARCHITECTURAL PROJECT
The major project selected by students and ap-proved by the unit coordinator, will have a focus on a work study that demonstrates the particular skills and interests of the individual. This work should...
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be completed to a highly developed and resolved standard.

Campus: AR48
Prerequisites: ADB009, ADB067
Contact hours: 4 per week Credit points: 12
Semester: 1

► ADB061 ARCHITECTURAL APPLICATIONS 1
The unit will be used to increase the students’ critical thinking, applying theory to architectural problems. Study of materials; anthropometrics and ergonomics, and architectural ideas through drawings and models.
Campus: GP
Contact hours: 3 per week Credit points: 12
Semester: 1

► ADB062 ARCHITECTURAL APPLICATIONS 2
The unit will be used to increase the student’s experience in applying theory to architectural problems. Study of materials, structures, and architectural ideas through drawings and models.
Courses: BN31
Prerequisites: ADB061
Contact hours: 3 per week Credit points: 12
Campus: GP
Semester: 1

► ADB063 ARCHITECTURAL APPLICATIONS 3
The unit will be used to increase the student’s experience in applying theory to architectural problems, including site analysis, levels and contours; practical experiments in Design Science; construction detailing and documentation through drawings, models and computer simulation.
Courses: BN31
Prerequisites: ADB063
Contact hours: 3 per week Credit points: 12
Campus: GP
Semester: 1

► ADB064 ARCHITECTURAL APPLICATIONS 4
This unit will be used to increase the students’ experience in applying theory to architectural problems. A series of exercises in construction detailing and documentation.
Courses: BN31
Prerequisites: ADB064
Contact hours: 3 per week Credit points: 12
Campus: GP
Semester: 1

► ADB066 ARCHITECTURAL APPLICATIONS 6
This unit will be used to increase the student’s experience in applying theory to architectural problems. A series of exercises in construction detailing and documentation.
Courses: BN31
Prerequisites: ADB065
Contact hours: 3 per week Credit points: 12
Campus: GP
Semester: 2

► ADB067 ELECTIVE ARCHITECTURAL APPLICATIONS
This unit provides an opportunity for students to develop and strengthen areas of interest in a program of their choice, to be approved by the Course Coordinator, for example: develop Architectural Research 2 program to the presentation of a dissertation; or enhance knowledge and skills in other specific areas.
Courses: AR48
Contact hours: 3 per week Credit points: 12
Campus: GP
Semester: 1

► ADB101 INTERIOR DESIGN 1
Through exercises involving physical, historical, social and cultural constraints; personality; critical thinking; and personal reflection, there is the opportunity to integrate material from associated units and to begin to develop a basic awareness of a designer’s role and responsibilities.
Courses: BN31
Contact hours: 7 per week Credit points: 12
Campus: GP
Semester: 1

► ADB102 INTERIOR DESIGN 2
Content includes: the visual and physical attributes of the physical settings of human organisation; person-environment interaction with a focus on the physical, social and temporal aspects of environments; and the theoretical and practical relevance to person-environment interaction.
Courses: BN31
Prerequisites: ADB101
Contact hours: 7 per week Credit points: 12
Campus: GP
Semester: 2

► ADB103 INTERIOR DESIGN 3
The content covered in this unit includes: an introduction to the theoretical constructs of person-environment interaction and modes of interaction incorporating theories from disciplines including philosophy, psychology, social science and cultural and communication studies; other conceptual frameworks will be introduced and explored including modernism, post-modernism, feminism and pluralism; issues of designing incorporating site, values, activities and technology.
Courses: BN31
Prerequisites: ADB102 Corequisites: ADB123
Contact hours: 6 per week Credit points: 12
Campus: GP
Semester: 2

► 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 design approaches as a social and cultural critique of the work of national and international designers: a critical approach; tools for fostering alternative ways of thinking and imagining person-environment interaction; and futuristic material.
Courses: BN31
Prerequisites: ADB103 Corequisites: ADB124
Contact hours: 6 per week Credit points: 12
Campus: GP
Semester: 2

► ADB105 INTERIOR DESIGN 5
The content covered in this unit includes: designing as practice; law as it relates philosophically and conceptually to the built environment and people’s relationship with the built environment; the interface with consultants, builders and contractors; leasing and other tenancy occupation issues.
Courses: BN31
Prerequisites: ADB104 Corequisites: ADB125
Contact hours: 6 per week Credit points: 12
Campus: GP
Semester: 1

► ADB106 INTERIOR DESIGN 6
The content covered in this unit includes: major aspects covered in the course to date; content identified by the student as significant in their response to the project.
Prerequisites: ADB105 Corequisites: ADB126
Contact hours: 6 per week Credit points: 12
Campus: GP
Semester: 2

► ADB122 INTERIOR TECHNOLOGY 1
Content includes: domestic building construction processes and materials; manufacturing processes and performance; introductory technical drawing; measurement and recording of building environments; and application of recorded material.
Courses: BN31
Prerequisites: ADB122
Contact hours: 4 per week Credit points: 12
Campus: GP
Semester: 2

► ADB123 INTERIOR TECHNOLOGY 2
The content covered in this unit includes: the relationship between design technology and materials; the relationship between product specification and the ability to select and use materials.
Courses: BN31
Prerequisites: ADB122
Contact hours: 4 per week Credit points: 12
Campus: GP
Semester: 1

► ADB124 INTERIOR TECHNOLOGY 3
The content covered in this unit includes: documentation technology; sustainability and design; and construction; services; and consultants, codes and standards.
Courses: BN31
Prerequisites: ADB123
Contact hours: 4 per week Credit points: 12
Campus: GP
Semester: 2

► ADB125 INTERIOR TECHNOLOGY 4
The content covered in this unit includes: theoretical analysis of interior construction materials; analysis of partition and furniture systems; comparative analysis of building types; CAD basic estimating and quoting; introductory specification writing.
Courses: BN31
Prerequisites: ADB124
Contact hours: 4 per week Credit points: 12
Campus: GP
Semester: 1

► ADB126 INTERIOR TECHNOLOGY 5
The content covered in this unit includes: documentation; critical investigation of interior construction processes; environmental system analysis; the interface with consultants, builders and contractors; leasing and other tenancy occupation issues.
Courses: BN31
Prerequisites: ADB125
Contact hours: 4 per week Credit points: 12
Campus: GP
Semester: 2

► ADB132 DESIGN IN SOCIETY 1
Issues of the international design community will be explored. The historical framework will be reassessed in relation to changing technology, communication, transport systems and the advent of shifts in space and time such as virtual reality. The merging of cultures and understandings of contemporary design will be critiqued in the light of its potential to influence the contemporary and future designer. Specific attention will be given to international and local systems and their influence on design and design practice (eg economic rationalism, capitalism, modernism, etc.).
Courses: BN31
Contact hours: 3 per week Credit points: 12
Campus: GP
Semester: 1

► ADB133 DESIGN IN SOCIETY 2
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 contemporary design will be critiqued in the light of its potential to influence the contemporary and future designer. Specific attention will be given to international and local systems and their influence on design and design practice (eg economic rationalism, capitalism, modernism, etc.).
Courses: BN31
Contact hours: 3 per week Credit points: 12
Campus: GP
Semester: 1

► ADB151 DRAWING AS COMMUNICATION
Addresses the theoretical aspects of communication generally and in relation to drawing. It will focus on the relationship between drawing and the design processes of imagining, representing and producing. This will introduce students to various drawing techniques and media.
Courses: BN31
Contact hours: 4 per week Credit points: 12
Campus: GP
Semester: 1

► ADB152 LIGHT AND COLOUR STUDIES
Content includes: the interdependence of light and colour; the physical properties of colour; the psychological and cultural dimensions of colour and colour and its relationship with expression and aesthetics.
Courses: BN31
Contact hours: 4 per week Credit points: 12
Campus: GP
Semester: 1

► ADB153 MATERIAL STUDIES
Content to be addressed includes: textile manufacture and application; interior decorative finishes; building codes and standards relevant to material quality and performance; documentation and specification of finishes and fittings; the relationship between design technology and material selection; and the role of contextual frameworks on designers’ decisions in regard to materials.
Courses: BN31
Credit points: 3 per week
Campus: GP
Semester: 1

► ADB154 FURNITURE STUDIES
Content to be addressed includes: a focus on visual cues, psychological responses and other interaction factors through an historical analysis of the role of furniture design; furniture and contemporary and future trends; and furniture design and documentation approaches.
Courses: BN31
Contact hours: 3 per week Credit points: 12

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UNIT SYNOPTES

Courses: ADB201 INTRODUCTORY 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.

Corequisites: ADB201
Contact hours: 6 per week
Credit points: 12
Semester: 1

ADB202 INTRODUCTORY INDUSTRIAL DESIGN 2
Introduction to basic industrial design elements and principles, three-dimensional visualisation and industrial design, concept development of simple products, product aesthetics, drawing as a design tool and communication tool, with an emphasis on marker rendering techniques and sketching techniques; design presentation; and engineering drawing basics.

Corequisites: ADB241
Contact hours: 7 per week
Credit points: 12
Campus: GP
Semester: 2

ADB203 INDUSTRIAL DESIGN 1
The studio exercises to which most of the time is devoted aim at a range of different product design topics, and the following theoretical topics are associated with them: scope of problem solving theory, special characteristics of design problem solving 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.

Corequisites: ADB201
Contact hours: 6 per week
Credit points: 12
Campus: GP
Semester: 1

ADB204 INDUSTRIAL DESIGN 2
The studio exercises to which most of the time is devoted will aim at a range of different product design topics. 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.

Corequisites: ADB203
Credit points: 12
Semester: 2

ADB205 INDUSTRIAL DESIGN 3
The studio exercises to which most of the time is devoted will aim at 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.

Contact hours: 6 per week
Credit points: 12
Campus: GP
Semester: 2

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, working with an industry client, interdisciplinary teamwork, design ethics and culture, and designer’s responsibilities toward the environment.

Corequisites: ADB205
Contact hours: 6 per week
Credit points: 12
Campus: GP
Semester: 2

ADB212 ERGONOMICS FOR INDUSTRIAL DESIGNERS
The principles of ergonomics and human factors as applied to industrial design, hand tool design, environmental factors, human-information processing, ergonomic methodologies and costs, design, interface design, designing for safety and product usability.

Corequisites: ADB911
Contact hours: 4 per week
Credit points: 12
Campus: GP
Semester: 2

ADB224 INDUSTRIAL DESIGN HISTORY THEORY AND CRITICISM 1
Pre-historical and historical theories of their evolutions; innovations in Asia; arts and crafts movement; development of mass-production and its impact to the society; the changes influenced by design; design and politics; ideology of industrialisation.

Corequisites: ADB204
Contact hours: 3 per week
Credit points: 12
Campus: GP
Semester: 2

ADB226 INDUSTRIAL DESIGN HISTORY THEORY AND CRITICISM 2
Product evolution; Australian inventions; contemporary design; social and cultural changes influenced by design; design and politics; ideology of industrialisation.

Corequisites: ADB204
Contact hours: 3 per week
Credit points: 12
Campus: GP
Semester: 2

ADB232 DESIGN TECHNOLOGY AND SOCIETY
Introduction to applied technologies and how they relate to industrial design and society in general, renewable and non-renewable resources, social change and life styles, use of resources and ecosystems, sustainability and its relation to industrial design, alternative technologies as related to industrial design; and the relationship between social and technological change and industrial design.

Corequisites: ADB232
Contact hours: 4 per week
Credit points: 12
Campus: GP
Semester: 2

ADB233 MANUFACTURING TECHNOLOGY 1
Application of engineering mechanisms to products or systems, and the performances of mechanical, electrical, hydraulic and pneumatic mechanisms in relation to particular functions, modelling methods and techniques for determining the behaviour of a system or product. Introduction to electronics, plastics manufacturing techniques, the relations between the properties of material and the industrial processes available for their fabrication. Introduction to technical documentation and communication.

Contact hours: 4 per week
Credit points: 12
Campus: GP
Semester: 1

ADB234 MANUFACTURING TECHNOLOGY 2
Electronics, plastic, production techniques in relation to different materials, various methods for different finishing operations, various methods for forming, automatic and semi-automatic assembly quality control methods, production cost, field studies consist of site visits to selected manufacturing industries, technical documentation and communication.

Contact hours: 4 per week
Credit points: 12
Campus: GP
Semester: 2

ADB235 MANUFACTURING TECHNOLOGY 3
Product analysis, product development strategies, industrial production economics, organisations, planning and technologies required for advanced manufacturing and its impact to product design solutions.

Contact hours: 4 per week
Credit points: 12
Campus: GP
Semester: 1

ADB236 MANUFACTURING TECHNOLOGY 4
Value analysis, technical documentation and communication. Field studies complement the lecture series.

Corequisites: ADB235
Contact hours: 4 per week
Credit points: 12
Semester: 2

ADB241 INDUSTRIAL DESIGN APPLICATIONS
Introduction to application of basic industrial design skills and knowledge, industrial design techniques and field studies.

Corequisites: ADB201
Contact hours: 4 per week
Credit points: 12
Campus: GP
Semester: 1

ADB244 COMPUTER AIDED INDUSTRIAL DESIGN 1
Overview of the development of the use of Computer Aided Industrial Design by industrial designers in the design process, application of CAID to 3D solid modelling concepts, 3D spatial relationships, design documentation, 3D model to 2D engineering drawings, development of skills in the use of Computer Aided Industrial Design (CAID) for evaluating, documenting and presenting design proposals through computer rendered and animated images.

Corequisites: ADB201
Contact hours: 3 per week
Credit points: 12
Semester: 2

ADB245 COMPUTER AIDED INDUSTRIAL DESIGN 2
Introduction to 3D surface modelling concepts for complex form development and documentation, introduction to NURBS based surface modelling, case studies on CAID as applied to industrial design, application of complex 3D Surface modelling techniques, as applied to design form evaluations and form refinement using rapid prototyping, further development of shading techniques, advanced animation, design documentation.

Corequisites: ADB201
Contact hours: 3 per week
Credit points: 12
Campus: GP
Semester: 2

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.

Credit points: 36
Semester: 1, 2

ADB796 PRACTICE EXPERIENCE B
Under the practice experience partnership with the architectural profession the advanced student will progressively become an understudy of the architect and be exposed to all aspects of the profession.

Credit points: 60
Semester: 1, 2

ADB911 HUMAN ENVIRONMENT 1
Contemporary environmental issues: global warming, population explosion, pollution, energy conservation, sustainability; anthropometrics and statistics, basic ergonomic principles; and requirements of special needs groups.

Corequisites: BN31, AR48
Contact hours: 3 per week
Credit points: 12
Semester: 1

ADB912 HUMAN ENVIRONMENT 2
The unit focuses on the following: psychosocial issues and privacy, perception, personal space, territoriality, cognition, way finding and cultural diversity.

Corequisites: BN31
Contact hours: 3 per week
Credit points: 12
Campus: GP
Semester: 1

ADB913 HUMAN ENVIRONMENT 3
Theories of cultural and social change; considerations of the role of designed artefacts in those processes; political and social theories pertaining to design and development of
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The built environment; contemporary theories of post-industrialism, post-colonialism and multiculturalism; implications for design for the built environment; the roles and responsibilities of design professionals, historically and in contemporary contexts.

Courses: BSN1, AR48
Prerequisites: AD8912
Contact hours: 3 per week Credit points: 12
Campus: G Semester: 1, 2
► AD8921 TECHNOLOGY AND SCIENCE FOUNDATION
Introduction to physical principles relevant to the built environment; design disciplines; ethics; environment; sustainable and sustainable practices; applications.

Courses: BSN1, AR48
Corequisites: AD8911, AD8101
Contact hours: 4 per week Credit points: 12
Campus: G Semester: 1
► AD8921 TECHNOLOGY AND SCIENCE FOUNDATION
Introduction to physical principles relevant to the built environment; design disciplines; ethics; environment; sustainable and sustainable practices; applications.

Courses: BSN1, AR48
Corequisites: AD8911, AD8101
Contact hours: 4 per week Credit points: 12
Campus: G Semester: 1
► AD8931 INTRODUCTION TO HISTORY, THEORY AND CRITICISM
This unit is a survey course of principal developments in the history and theory of design and the built environment from the earliest civilisation to the closing of the 19th century. Lectures will cover key ideas, buildings, ideas and artefacts and the aesthetic, technological, environmental, socio-cultural and political factors that related to the development of design and design applications.

Courses: BSN1, AR48
Contact hours: 4 per week Credit points: 12
Campus: G Semester: 2
► AD8932 PROFESSIONAL STUDIES 2
Unit offers a self-paced national course (BPA 1) prepared by the RAIA as a basis for the formal examination for registration as an Architect. Covers the contexts of profession, professional ethics and the range of professional services from engagement to completion of a project. Completion of course will attract RAIA certification.

Courses: AR48
Contact hours: 4 per week Credit points: 12
Campus: G Semester: 1
► AD8941 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. 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: BSN1, AR48
Contact hours: 3 per week Credit points: 12
Campus: G Semester: 1, 2
► AD8942 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: BSN1
Contact hours: 3 per week Credit points: 12
Campus: G Semester: 1, 2
► AD8943 ELECTIVE 3
Elective units chosen will extend and expand an area of knowledge 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: BSN1, AR48
Contact hours: 3 per week Credit points: 12
Campus: G Semester: 1
► AD8944 ELECTIVE 4
Elective units chosen will extend and expand an area of knowledge 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: BSN1, AR48
Contact hours: 3 per week Credit points: 12
Campus: G Semester: 1

Contact hours: 3 per week Credit points: 12
Campus: G Semester: 1, 2
► AD8907 INTERIOR DESIGN
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 basis of a major design project incorporating this unit and AD8108. The unit covers topic identification, qualification and substantiation, context exploration and consolidation.

Courses: AR62
Prerequisites: AD8106 Corequisites: AD8161
Contact hours: 3 per week Credit points: 12
Campus: G Semester: 1
► AD8108 INTERIOR DESIGN 8
This unit provides students with the opportunity to pursue a topic of personal and professional relevance in consultation with staff. The unit covers topic development and the exploration of associated issues.

Courses: AR62
Contact hours: 3 per week Credit points: 12
Campus: G Semester: 1, 2
► AD8114 PROFESSIONAL STUDIES 1
This unit addresses the interior design profession, professional ethics, and the range of professional services from engagement to completion of a project. Completion of course will attract RAIA certification.

Courses: AR61
Contact hours: 3 per week Credit points: 12
Campus: G Semester: 1
► AD8155 INTERIOR AS A CONSTRUCT 1
Designers require a deep conceptual understanding of the relationship between artefact and culture and the role of the designer in 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
Prerequisites: AD8155
Contact hours: 4 per week Credit points: 12
Campus: G Semester: 2
► AD8161 INTERIOR RESEARCH 1
This unit provides methodological support for the major project in AD8107. It covers empirical research with an emphasis on qualitative research relevant to person-environment interaction; research design; advancing understanding; the role of experimental research; and its application.

Courses: AR62
Contact hours: 4 per week Credit points: 12
Campus: G Semester: 2
► AD8162 INTERIOR RESEARCH 2
This unit provides methodological support for the major project in AD8108. The ability to undertake empirical research is considered an integral aspect of responsible design. The unit covers data collection, analysis and reporting.

Courses: AR62
Prerequisites: AD8107 Corequisites: AD8108
Contact hours: 4 per week Credit points: 12
Campus: G Semester: 1, 2
► AD8207 INDUSTRIAL DESIGN
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 considered in the exercises: design process and creative thinking; applied research, creativity and product innovation, work with a client, multidisciplinary teamworking, product integration and development, design ethics and culture, and designer's responsibilities toward the environment.

Courses: AR61
Contact hours: 4 per week Credit points: 12
Campus: G Semester: 1
► AD8217 PROFESSIONAL PRACTICE
This unit covers professional practice management; management of design projects; type of contracts, design documentation; role of design administration; liability; design legal property, designer-client relationships.

Courses: AR61
Contact hours: 4 per week Credit points: 12
Campus: G Semester: 2
► AD8247 ADVANCED COMPUTER AIDED INDUSTRIAL DESIGN
Introduction to parametric based modelling, historical, and hybrid based modelling and application of rapid prototyping and rapid tools to the design process, application of concurrent engineering to the design process.

Courses: AR61
Contact hours: 3 per week Credit points: 12
Campus: G Semester: 1
► AD8269 INDUSTRIAL DESIGN RESEARCH 1A
This unit provides methodological support for the major project in AD8268. It covers empirical research with an emphasis on qualitative research relevant to person-environment interaction; research design; advancing understanding; the role of experimental research; and its application.

Courses: AR62
Contact hours: 4 per week Credit points: 12
Campus: G Semester: 2
► AD8269 INDUSTRIAL DESIGN RESEARCH 2B
This unit provides methodological support for the major project in AD8268. It covers empirical research with an emphasis on qualitative research relevant to person-environment interaction; research design; advancing understanding; the role of experimental research; and its application.

Courses: AR62
Contact hours: 4 per week Credit points: 12
Campus: G Semester: 1

Contact hours: 3 per week Credit points: 12
Campus: GP Semester: 1
► AD8932 PROFESSIONAL STUDIES 2
Unit offers a self-paced national course (BPA 1) prepared by the RAIA as a basis for the formal examination for registration as an Architect. Covers the contexts of profession, professional ethics, and the range of professional services from engagement to completion of a project. Completion of course will attract RAIA certification.

Courses: AR61
Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 2

Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 1

Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 2

Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 1

Contact hours: 4 per week Credit points: 12
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Campus: GP Semester: 1

Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 1
management of the advertising function. The unit introduces research and practical exercises that enable students to undertake individual research in an area of their own choice and to develop a understanding of consumers, their needs, and behaviour. It provides a detailed examination of the consumer decision process and the internal and external factors that influence the decision process. The unit also assists students in applying this knowledge to the development, implementation and evaluation of marketing activities within an organisation.

Courses: BS50, BS56, IF05, IF09, IF27, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: BS8126 or BS8116 or BS8117
Incompatible with: MIB204
Contact hours: 3 per week
Credit points: 12
Semester: 1, 2

► AMB201 MARKETING AND AUDIENCE RESEARCH

This unit provides an introduction to the conduct and evaluation of marketing and audience research across the disciplines of advertising, marketing and public relations. Class members explore the role of research and the practical uses of research data that is employed to support advertising, marketing and public relations information needs. The unit provides an overview of research process, design, application methods of data collection and analysis, and the development of research proposals to support decision-making. Class members also explore issues related to research on media audiences, research ethics, and the management of client briefings.

Courses: BS80, BS56, IF05, IF09, IF27, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: BS8126 or BS8116 or BS8117
Incompatible with: MIB305, MIB220 or COB206
Contact hours: 3 per week
Credit points: 12
Campus: GP
Semester: 1, 2

► AMB202 INTEGRATED MARKETING COMMUNICATION

In past decades many organisations separated the different forms of marketing communication that convey their corporate and marketing messages. They developed separate plans for their advertising, public relations, direct marketing, personal selling and sales promotion with separate goals, objectives and budgets. The practitioners and companies recognise the concept of integrated marketing communication which integrates these different forms of marketing communication and gives companies a powerful tool for planning marketing communications programs and coordinating communication strategies in support of overall brand and product/service marketing objectives.

Courses: BS50, BS56, IF05, IF09, IF27, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: BS8126 or BS8116 or BS8117
Incompatible with: COB207, MIB309
Contact hours: 3 per week
Credit points: 12
Campus: GP
Semester: 1, 2

► AMB203 INDEPENDENT STUDY

An opportunity for advanced level undergraduate students to undertake individual research in an area that is complementary to their course requirements.

Courses: BS56
Prerequisites: Approval from Head of School
Incompatible with: COB206
Contact hours: 3 per week
Credit points: 12
Semester: 2

► AMB220 ADVERTISING THEORY AND copywriting

This unit serves as an introduction to later units in the advertising major and gives learners an overview of the advertising industry and the management of the advertising function. The unit traverses the interrelationship of the institutions of advertising, the advertisers, the advertising agencies and the agencies that handle research, production and the detailed methods of determining advertising objectives, budgets, establishing target audiences, interpreting research figures and circulation figures, and enables learners to gain a preliminary understanding of the creative functions of the advertising copywriter and also shows the ethical and legal side of advertising and its important role in society and the economy.

Courses: BS80, BS816, IF09, IF27, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: BS8126 or BS8116 or BS8117 or 48 credit points of approved prior study for non-Buschko students only
Incompatible with: COB308
Contact hours: 3 per week
Credit points: 12
Semester: 1, 2

► AMB221 ADVERTISING COPYWRITING

This unit is an important base for further study in advertising. Students are introduced to the theory, principles and practice relating to the creation of advertisements. The unit begins with an understanding of the creative process and its role in developing creative advertising and copy. The duties of the advertising copywriter are examined as is the relationship between advertising copy and art. Practical work is undertaken in thinking, writing and designing advertisements for all media and the development of campaigns.

Courses: BS50, BS56, IF05, IF09, IF27, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: AMB220
Incompatible with: COB304
Contact hours: 3 per week
Credit points: 12
Semester: 1, 2

► AMB222 MEDIA PLANNING

This unit introduces the qualitative and quantitative factors of media selection, use and return of media. It covers the costing and scheduling of media, media targeting, measuring media exposure, media comparisons and trends. In-depth analysis of the media and television media will also allow the media planner to develop an understanding of the characteristics of each. The application of the concepts of media decision making, media strategy and research to the development of a media plan will be emphasised.

Courses: BS50, BS56, IF05, IF09, IF27, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: AMB220
Incompatible with: COB317
Contact hours: 3 per week
Credit points: 12
Semester: 1, 2

► AMB230 INTERNET PROMOTION

This unit addresses an important new area of business marketing. The role of the Internet in the Internet is changing marketing communication practice. It examines the nature, history and social implications of the Internet and mobile technology, including ethical and legal issues and security as they apply to business practices. The impact of the Internet on consumer behaviour and how this translates into the marketing mix and marketing communications is analysed. Learners will develop skills in strategic planning, creative strategy and design, media planning, research and campaign evaluation.

Courses: BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: AMB220 or AMB240
Incompatible with: COB218
Contact hours: 3 per week
Credit points: 12
Semester: 1, 2

► AMB231 MARKETING COMMUNICATIONS REGULATIONS AND ETHICS

This unit uses a case study approach and starts from the fundamentals of legal compliance through to legal and fair trading legislation, then moves to the adoption and adherence of the variety of industry based and professional codes. It examines regulatory models in some industries such as broadcasting and telecommunication as well as the problems of cross-jurisdictional regulation posed by Internet based commerce. It offers students the opportunity to participate in ethical debates, to think critically, with problem solving, and ethical sensitivity.

Courses: BS50, BS56, IF05, IF09, IF27, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: AMB202 or AMB240 or AMB250 or AMB307
Contact hours: 3 per week
Credit points: 12
Semester: 1

► AMB240 MARKETING PLANNING AND MANAGEMENT

This unit extends the student’s knowledge of the fundamental marketing concepts and theories introduced in the Faculty Core unit in Marketing, in preparation for further broadening and deepening of knowledge of marketing and developing skills in the application of this knowledge to marketing planning and management within the business environment. Emphasis is on the role of the marketing manager at the product management level in undertaking analysis, planning, implementation and control of marketing activities.

Courses: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: BS8162
Incompatible with: MIB217
Contact hours: 3 per week
Credit points: 12
Semester: 1

► AMB241 E-MARKETING STRATEGIES

E-Business and mobile commerce technologies have emerged as defining technologies for companies in the 21st century. This unit focuses on e-commerce, business processes and the market's role in developing solutions that integrate new and old economies. Drawing on their knowledge of marketing principles, students will examine the diverse applications of technology in product and service design; product distribution/service delivery and logistics; promotional strategies and other marketing components. The unit also explores the role of emerging electronic models and the use of e-marketing strategies to influence customer buying processes.

Courses: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: BS8116 or BS8126, AMB240
Contact hours: 3 per week
Credit points: 12
Incompatible with: MIB224

► AMB250 BUSINESS TO BUSINESS MARKETING

This unit addresses the special characteristics of Business markets and Business-to-Business (B2B) marketing practices and the role of organisational buyer behaviour and the special customer/client relationships that form an imperative in the business to business decision process. Business markets constitute a powerful and essential part of the world economy, being a preliminary source for retailing and manufacturing operations and the force behind major service sectors in supplying government and non-government services including health and education both domestically and internationally.

Courses: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: AMB202 or AMB240
Contact hours: 3 per week
Credit points: 12
Incompatible with: MIB220 or MIB319

► AMB251 INNOVATION AND MARKET DEVELOPMENT

This unit covers the dynamics of product innovation and market development within the mix of marketing activities among organisations operating in both national and international markets. Products are defined in the broadest sense to include both tangible and intangible products with various categories of consumer, industrial, services, events and so on. The course covers such areas as product market analysis, the product development process, design innovation, research and testing, branding and packaging, and investment analysis. The learning methodology involves mostly experiential and may include some hands-on computer usage, visits to industry where relevant and specific practical exercises.
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Courses: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Contact hours: 3 per week  Credit points: 12
Incompatible with: MIB227
Campus: GP  Semester: 1, 2

► AMB260 PUBLIC RELATIONS THEORY AND PRACTICE
This unit introduces the student to the theory and research that forms the foundation of the practice of public relations. The unit surveys the history of the discipline, the theories on which the discipline is based, and current models of public relations. The unit focuses on understanding how to research and analyse the opinions of organisational publics in order to develop mutually beneficial relationships. Music publics.
Courses: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: BS8126 or BS8116 or 48 credit points of approved prior study for non-Bachelor of Business students only
Contact hours: 3 per week  Credit points: 12
Incompatible with: COB325
Campus: GP  Semester: 1, 2

► AMB261 MEDIA RELATIONS AND PUBLICITY
This unit will reflect the strong emphasis within public relations practice of media relations. It will introduce students to the theory of media effects and the role of media in public opinion formation and how these concepts contribute to campaign planning. It will also provide students with practical instruction in the development of media ideas and evaluated through ongoing media release, media kits and media plans, and the use of publicity events in campaigns. New/interactive media will also be addressed.
Courses: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: AMB260
Contact hours: 3 per week  Credit points: 12
Incompatible with: COB329
Campus: GP  Semester: 1, 2

► AMB262 PUBLIC RELATIONS WRITING
This unit will introduce students to a range of public relations writing needs. With heavy practical emphasis, the students will create a substantial portfolio of writing across controlled and uncontrolled media. Writing for print and electronic forms will be covered as well as new/interactive media. The writing process will be examined from the perspective of audience needs and emphasis will be placed on the research components of writing exercise as well as the writing/rewriting cycle.
Courses: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: AMB260
Contact hours: 3 per week  Credit points: 12
Incompatible with: COB326
Campus: GP  Semester: 1, 2

► AMB310 INTERNSHIP
Provides the student with experience of professional practice in a suitable company where they actively work on a part-time basis. Students undertake a preferred study program within the Advertising, Marketing or Public Relations framework. Students are required to submit a number of reports reflecting the theoretical concepts acquired through the degree program, and how they might be applied in practice. Students must obtain the approval of the Major Coordinator prior to enrolling in this unit.
Courses: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: AMB221, AMB222 or AMB241 or AMB261, AMB262 Corequisites: AMB320, or AMB341 Contact hours: 3 per week  Credit points: 12
Incompatible with: COB320 or COB321 or MIB220
Campus: GP  Semester: 1, 2

► AMB320 ADVERTISING MANAGEMENT
This unit takes the perspective of the Advertising Manager and addresses the use of research in developing, implementing, managing, and assessing a successful advertising campaign. In Advertising Management students undertake the case method of learning to examine the advertising process from its place in the marketing mix to the formulation of an advertising budget to the development of creative and media tactics and their ongoing evaluation. In addition, issues that impact upon the advertising campaign management process such as legal and ethical issues, globalisation and the client-agency relationship are discussed.
Courses: BS50, BS56, IF05, IF09, IF27, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: AMB221, AMB222
Contact hours: 3 per week  Credit points: 12
Incompatible with: COB306
Campus: GP  Semester: 1, 2

► AMB331 ADVERTISING CAMPAIGNS
This co-capstone advertising unit draws from all the theoretical, analytical, and applied material developed throughout the advertising major, and applies it to a client brief. Students develop advertising solutions that incorporate all aspects of an advertising campaign, including objectives, budgeting, message development, message delivery, and measurement. The emphasis is on the use of research to develop sound advertising strategy, which is then executed as creative and media ideas and evaluated through ongoing benchmarks.
Courses: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: AMB221, AMB222
Corequisites: AMB320
Contact hours: 3 per week  Credit points: 12
Incompatible with: COB303
Campus: GP  Semester: 1, 2

► AMB330 ADVERTISING STRATEGY AND PLANNING
This advanced unit builds on the theoretical perspectives and applied skills introduced to students in copywriting, media and advertising management. It explores important issues such as the contribution of advertising to the creation of brand; the hierarchical development of strategy from marketing and IMC strategy through to advertising, media and creative strategy; the role of the strategist in advertising in the use of planning to deliver more effective advertising solutions. Using problem-based learning, students establish benchmarks to evaluate advertising, develop advertising briefs and devise strategies for on-time and on-budget processes management.
Courses: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: AMB221, AMB222
Contact hours: 3 per week  Credit points: 12
Incompatible with: COB300
Campus: GP  Semester: 1

► AMB341 STRATEGIC MARKETING MANAGEMENT
Direct marketing is important because of its precise targeting, comparative ease of accountability, its foundation role in integrated marketing communication (IMC) and its increasing share of the marketing communication budget. This unit focuses on principles of direct marketing, the role of the database in locating prospects, understanding their needs, tracking customers and building stakeholder relationships. It examines the components of direct marketing - telephony, direct mail, email, direct response advertising. As the main communication discipline of direct marketing, the emphasis is on direct response advertising, as students analyse the strategy, creative, media and testing and evaluation of direct marketing campaigns.
Courses: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: AMB220 or AMB202 or COB306 or COB320
Contact hours: 3 per week  Credit points: 12
Incompatible with: COB315
Campus: GP  Semester: 1

► AMB340 SERVICES MARKETING
This unit examines the special characteristics of services that distinguish the marketing of services from goods. Topics include the distinctive aspects of consumer decision-making relative to services and the implications for marketing strategy with regard to the management of service supply; customer services and its influence on service satisfaction; service quality management; regulation of the service sector and distribution modes for services which reflect the significant impacts of new service marketing issues.
Courses: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: AMB240 or MIB217
Contact hours: 3 per week  Credit points: 12
Incompatible with: MIB311
Campus: GP  Semester: 1, 2

► AMB351 TOURISM MARKETING
This unit examines the tourism system and the unique characteristics of tourists, segmentation bases for tourist markets, the nature of the tourist destination mix and how marketing is applied within elements of that mix. Services marketing concepts and theories of tourist behaviour are utilised in the analysis of the tourism experience; strategies for marketing destinations, management of demand to meet market needs; and, strategy development to accommodate domestic and international tourism marketing environments. Macroeconomic environmental issues impacting on tourism such as sustainability of the industry and environment, the growth of customer-related and public policy issues impacting on tourism marketing strategies are highlighted. A discussion of the relative emphasis on transactions and/or relationships in interfacing with the market provides a platform for examining sales management including, personal selling principles and ethics, the setting of sales objectives, pricing logistics, account and territory management, sales force planning, recruitment and motivation and evaluation of sales performance.
Courses: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: AMB240 or AMB202 or MIB217 or MIB207
Contact hours: 3 per week  Credit points: 12
Incompatible with: MIB230
Campus: GP  Semester: 1

► AMB350 RELATIONSHIP AND SALES MANAGEMENT
Theories related to marketing exchange and the concepts of consumer transactions and relationships and their relative importance in different marketing contexts are examined. The growth of customer-related relationship marketing and including the transition of consumers along the transaction-relationship continuum and the development of accompanying marketing strategies is highlighted. A discussion of the relative emphasis on transactions and/or relationships in interfacing with the market provides a platform for examining sales management including, personal selling principles and ethics, the setting of sales objectives, pricing logistics, account and territory management, sales force planning, recruitment and motivation and evaluation of sales performance.
Courses: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: AMB240 or AMB202 or MIB217 or MIB207
Contact hours: 3 per week  Credit points: 12
Incompatible with: MIB315
Campus: GP  Semester: 1, 2
UNIT SYNOPSES

► AMB352 MARKETING DECISION MAKING
The unit focuses on decisions and decision models in specific strategic and tactical areas of marketing management are examined in this unit. Decisions relating to market segmentation, market targeting, market product, product pricing, planning, promotion and distribution are viewed from a quantitative and qualitative perspective. Students are exposed to computer software and analysis skills that aid the marketing decision process and build their analytical skills of direct relevance in marketing practice. This unit incorporates a number of client service aspects. Students will be expected to research, develop and present their plans to real-world clients to enhance the students’ portfolios.

Courses: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: None
Contact hours: 3 per week
Credit points: 12
Incompatible with: MIB320
Campus: GP
Semester: 2

► AMB353 RETAIL MARKETING
This unit examines the dynamics of the retailing industry. It provides students with detailed knowledge of the various approaches to how retail marketing is conducted nationally and internationally from both an operational and a strategic perspective. The unit provides a balance of the retail consumer applications as consumers in both institutions and the retail life cycle, store location analysis, store layout, planning and design, merchandising, promotion and stock planning, franchise and international measurement.

Courses: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: AMB240 or MIB217
Contact hours: 3 per week
Credit points: 12
Incompatible with: MIB229
Campus: GP
Semester: 2

► AMB354 EVENTS MARKETING
Events have become significant strategic marketing tools for positioning products/services, industries, destinations and community interests at the local, national and international levels. The unit will explore various typologies, roles and objectives of events and the profile and motives of event markets and stakeholders. Key topics include: processes of attracting or developing the event experience including bidding processes; partnership creation with sponsors, media and community; venue selection and design relative to market/stakeholder needs; ticketing/pricing or access management and imaging the event from an international and localised perspective.

A range of local and international cases are used.

Courses: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: AMB240 or AMB202
Contact hours: 3 per week
Credit points: 12
Incompatible with: MIB319
Campus: GP
Semester: 1

► AMB360 CORPORATE COMMUNICATION
The unit explores the corporate communication management function within an organisation and identifies how decisions about the use of various corporate communication solutions are made. Emphasis will be placed in this unit on the role of corporate communication in management systems, the nature and processes of information management in corporate communication and environmental analysis. The unit will also draw on contemporary issues in corporate communication management including issues management, ethical and legal considerations in practice and the role of corporate communication in organisational change.

Courses: BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: AMB261, AMB262
Contact hours: 3 per week
Credit points: 12
Incompatible with: AMB361
Campus: GP
Semester: 1

► AMB361 PUBLIC RELATIONS CAMPAIGNS
This unit focuses on the public relations campaign planning process from problem identification and research through to strategy development, campaign development and evaluation. It is designed to meet the students’ interests in understanding how various campaign elements come together and to further develop their prior learning in the introductory theory and practice units. To service the practice elements of the public relations unit, the unit incorporates a number of client service aspects. Students will be expected to research, develop and present their plans to real-world clients to enhance the students’ portfolios.

Courses: BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: AMB261, AMB262
Contact hours: 3 per week
Credit points: 12
Incompatible with: MIB323, AMB381
Campus: GP
Semester: 1, 2

► AMB370 CORPORATE COMMUNICATION CASES
This unit will provide students with an understanding of a wide range of public relations challenges in order to build a richer range of experience with management level organisational issues. Australian and international cases will be used to explore different components of public relations practice.

Courses: BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: AMB261, AMB262, COB324 or AMB382
Contact hours: 3 per week
Credit points: 12
Incompatible with: MIB323
Campus: GP
Semester: 1

► AMB371 CORPORATE COMMUNICATION STRATEGIES
This unit provides students with an understanding of the development and analysis of communication strategies and corporate communication. Students learn theory and practice for systematic analysis of the ‘fit’ between environmental factors and organisational resources, the resulting communication problems and development of communication strategies. Students integrate theory and research in such areas as media effects, organisational change, diffusion, and persuasion for analysis and development of communication strategy.

Courses: BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62.
Prerequisites: AMB360 or AMB361
Contact hours: 3 per week
Credit points: 12
Incompatible with: MIB323
Campus: GP
Semester: 1

► AMD201 MARKET AND AUDIENCE RESEARCH
Students undertake a detailed examination of the marketing and audience research to support decision related to IMC and from other studies undertaken in the course. Students undertake a formal and systematic review of literature in a particular problem area of IMC related to their interests, project or thesis. Students may also explore work covered in other specialisations.

Courses: BS39, BS93, IF94, IF95, IF96
Contact hours: Supervision only
Credit points: 12
Incompatible with: CON416
Campus: GP
Semester: 1, 2, 3

► AMN404 RESEARCH IN INTEGRATED MARKETING COMMUNICATION
This unit provides students with the opportunity to explore a range of topics related to the integration of the elements of the promotional mix-advertising, personal selling, reseller support, publicity, direct marketing, and sales promotion. Through the use of intensive case study analysis and discussion, students will refine conceptual understanding and analytical skills to explore such IMC topics as brand equity and IMC, IMC approaches to promotions management, organisational issues related to structuring corporate IMC functions, environmental analysis and database marketing to IMC planning, and IMC strategies and the development of corporate advantage.

Courses: BS39, BS63, BS92, BS93
Contact hours: 3 per week
Credit points: 12
Campus: GP
Semester: 2

► AMN406 PROJECT
Students undertake a detailed examination of a theoretical or empirical problem in one of the following areas of advertising, marketing, public relations, or integrated marketing communications. The study is based in the published journal literature of the discipline and can involve primary research and analysis. Students can develop a communication audit of an organisation or a
UNIT SYNOPTES

case study related to an organisation product or
issue. Project supervision will be arranged by the
unit coordinator through consultation with the
student and available staff members.

Courses: BS72, BS93, IF96
Prerequisites: Approval only (Grade of 3-
low pass or higher required) with 96 credit points
of approved prior studies

Contact hours: 2-6 per week  Credit points: 24
Campus: GP  Semester: 1, 2, 3
► AMN411 INDEPENDENT STUDY
An opportunity for advanced level postgraduate
students to undertake short-term, individual stud-
ies focusing on a problem area of advertising,
marketing, public relations or integrated
marketing communication.

Courses: BS72, BS93, IF95, IF96
Credit points: 12
Campus: GP  Semester: 1, 2
► AMN420 ADVERTISING MANAGEMENT
This unit empowers students to make effective
management decisions within the advertising
process. It examines the writing of advertising
objectives, and the need for coordination of these
with marketing, communication and organisational
objectives. It develops a sound understand-
ing of the legal, ethical, regulatory and legal
environment. Concepts are applied through the
political, economic, business and organisational
issues. Project supervision will be arranged by the
study of marketing, marketing systems and

Contact hours: 3 per week  Credit points: 12
Incompatible with: MIN422
Campus: GP  Semester: 1, 2
► AMN443 PRODUCT AND SERVICE
INNOVATION
This unit explores the dynamics of innovation and
development within the mix of core market-
ing activities of organisations. Once establishing
the integral role innovation plays in organisa-
tions, the unit also reviews the key stages in the
process of creating, developing and implement-
ning new product and service concepts including
product, service and market analysis, design,
innovation, evaluation and testing of ideas,
branding and packaging, market testing and
investment analysis.

Courses: BS39, BS63, BS92, BS93, IF94, IF95, IF96
Contact hours: 3 per week  Credit points: 12
Incompatible with: MIN442
Campus: GP  Semester: 1
► AMN444 SERVICES MARKETING
This unit introduces a framework for studying services
marketing. It explores both strategic and opera-
tional issues including the design and delivery of
services; the formulation of communication strategies;
definition, measurement and imple-
mentation of customer focused marketing pro-
grammes in service industries; and the establish-
ment and maintenance of relationships with customers.

Courses: BS39, BS63, BS92, BS93, GS40, GS41, GS44, GS58, GS85
Contact hours: 3 per week  Credit points: 12
Incompatible with: MIN423
Campus: GP  Semester: 1
► AMN445 STRATEGIC MARKETING
MANAGEMENT
This is a capstone unit which aims to ensure
students can manage the complete marketing
function at a senior level within a corporation,
and includes assessing the marketing function’s
performance with appropriate tools to diagnose,
assess, track and evaluate performance and to
modify processes to improve the function. Links
between the marketing function and other func-
tions of a business such as accounting, operations
and human resources will be drawn, so that the
student would be well placed to move into top
management if the opportunity arose.

Courses: BS30, BS63, BS92, BS93
Contact hours: 3 per week  Credit points: 12
Incompatible with: MIN425
Campus: GP  Semester: 2
► AMN447 CONTEMPORARY ISSUES IN
MARKETING
This unit offers an advanced study of topical issues and
eerging trends in marketing practice as a
result of new technologies, current events and
their impact on local, national and international
trends in marketing. It explores current media campaigns, and encour-
ges the development of a more creative and
integrated approach to media.

Courses: BS39, BS93, GS40, GS41, GS85, GS86, IF94, IF95, IF96
Contact hours: 3 per week  Credit points: 12
Incompatible with: CON418
Campus: GP  Semester: 1
► AMN422 MEDIA STRATEGY
One of the ultimate determinants of the effec-
tiveness of any advertising campaign is the media
strategy. This unit examines ways to improve
creative use of media, and strategic planning. It
also explores new types of interactive
communication materials such as news releases, features and media kits
which involves market and sales analysis, target
financial, human resources, informational and
other skills needed by marketing managers in
these markets.

Courses: BS39, BS63, BS92, BS93, IF94, IF95, IF96
Contact hours: 3 per week  Credit points: 12
Incompatible with: MIN422
Campus: GP  Semester: 1, 2
► AMN444 CORPORATE AND INVESTOR
RELATIONS
This unit reviews all aspects of the public rela-
tions function in communicating with corporate
audiences. Specific focus is placed on how cor-
porations interact with media, journalists
and other interested parties. Prerequisite
requires an understanding of interpersonal
skills and a basic knowledge of marketing
principles. Suitable communication tools will be examined for use in ongoing communication

Courses: BS39, BS72, BS93, Contact hours: 3 per week  Credit points: 12
Incompatible with: CON409
Campus: GP  Semester: 2
► AMN461 CORPORATE MEDIA STRATEGY AND TACTICS
This unit examines theories underpinning mass
media and links these with the practice of public
relations. It explores the role of media in the
process of creating, developing and implement-
ing 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
mass media case studies.

Courses: BS39, BS72, BS93, GS40, GS41, GS85, GS86
Contact hours: 3 per week  Credit points: 12
Incompatible with: CON424
Campus: GP  Semester: 2
► AMN463 PUBLIC OPINION AND ORGANISATIONAL RELATIONSHIP
This unit provides a detailed overview of the
theoretical foundations and empirical research on
public opinion and the implications of that theory and
research to public relations management. The
unit includes detailed examination of the role of
mass media in the development and change of
public opinion and problems related to the meas-
urement and interpretation of public opinion.
It builds an advanced understanding of the use of
survey research to support the descriptive, diag-
nostic, and predictive information needs of
management related to public opinion. The unit
treats the role of public relations in efforts to
manage public opinion.

Courses: BS39, BS72, BS93
Contact hours: 3 per week  Credit points: 12
Incompatible with: CON415
Campus: GP  Semester: 2
► AMN465 PUBLIC RELATIONS MANAGEMENT
This unit provides learners with an overview of
the theory and research that constitute the foun-
dations of public relations practice. The unit pro-
vides a detailed inspection of communication
processes necessary for the management of or-
ganisational relationships with publics. The unit
focuses on such topics as issues management,
organisational change, public opinion, and mass
media effects in order to explore the foundations
of contemporary public relations management.

Courses: BS39, BS72, BS93, GS40, GS41, GS85, GS86
Contact hours: 3 per week  Credit points: 12
Incompatible with: CON415
Campus: GP  Semester: 1, 2
► AMN467 PUBLIC RELATIONS CAMPAIGNS
This unit provides a systematic exploration of
the planning, management and evaluation of
public relations campaigns and programmes. The
primary goal of the unit is to build a detailed understand-
ing of existing theory and research that informs
the development and evaluation of public rela-
tions campaigns. The unit focuses on key areas of
management including strategy, design and evaluation.

Courses: BS39, BS72, BS93
Q U T H A N D B O O K 2 0 0 4 • P A G E 4 1 2
UNIT SYNOPTES

Contact hours: 3 per week  Credit points: 12  Campus: GP  Semester: 2
► ARB084 ISSUES AND CRISIS MANAGEMENT
This unit examines the strategic management of crisis communication including for organisations. A strategic plan is developed covering including organisation analysis, issues identification, audience prioritisation, strategy formulation, tactics, and evaluation and crisis communication. Pre-crisis issues in management will be addressed as well as proactive and defensive communication strategies during crisis. This unit will demonstrate the application of general communication tools to a specialised area.
Courses: BS39, BS72, BS93  Contact hours: 3 per week  Credit points: 12  Incompatible with: CON408  Campus: GP  Semester: 1
► AMN482 MARKETING FOR THE NONPROFIT SECTOR
The theory and application of strategic marketing in the public and nonprofit sector is studied in this unit. The unit reviews key concepts such as: stakeholder analysis; marketing research; cause related imaging and competitive positioning; marketing mix formulation and campaign development; and the characteristics that differentiate nonprofit marketing, alliances to multiple markets and an increasingly competitive fund-raising environment. This unit, from the not-for-profit marketing mix, topics examined by students encompass the social cause as service product, contemporary fundraising strategy, service delivery options (offline and online) and integrated marketing communication including database marketing and relationship management.
Courses: BS39, BS93, BS94, BS95, GS40  Contact hours: 3 per week  Credit points: 12  Incompatible with: MIN439  Campus: GP  Semester: 2
► ARB081 HISTORY, THEORY AND CRITICISM OF URBAN DESIGN
Analysis of urban forms and systems in the pre-industrial, industrial and post-industrial periods. Specific history topics include urban activities, urban culture and diversity, urban services and urban form. This unit addresses concepts of 'good theory' of urban design in relation to the work of a number of theoretical writers and schools. Specific theoretical topics include the 'Kunstlerischen Grundsatzen' of Camillo Sitte, the Garden City movement, Le Corbusier and modernism, the counter-modern influences of the teutonic movement techniques the Jacobs, Kevin Lynch and the Responsive Environments approaches, Christopher Alexander, Rapoport, phenomenology and the recent movements such as 'the new urbanism'.
Courses: BN73, DB73  Credit points: 12  Campus: GP  Semester: 1
► ARB082 URBAN DESIGN STUDY B
This studio covers identification and classification of approaches to urban design, the setting of objectives, urban design rationales, the adoption of a method and the testing of implications for a particular urban design problem type. This unit will typically involve a theory based preparation of an urban design proposal for an urban/suburban/urban town area, and/or an urban design issue. Where applicable, work in other units of study incorporated into this unit. The 24 credit points allow focus, depth and, where appropriate, joint/complementary project work with senior students in other Faculty courses. Field work studio will be included in the assessment.
Courses: BN73, DB73  Credit points: 12  Campus: GP  Semester: 1
► ARB083 URBAN DESIGN MASTERS STUDY
An advanced level urban design project, supported by seminars presented by staff, students and visiting lecturers and distinguished practitioners. This unit 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 standards.
Courses: BN73, DB73  Credit points: 24
Campus: GP  Semester: 3
► ARB081 FIRE TECHNOLOGY AND SCIENCE
Topics covered include chemistry and physics of fire; heat transfer mechanisms; combustion processes; fire behaviour of materials; fire propagation and development; fire load and spread; fire detection and extinguishment; management of fire; theory of fire extinguishment; detection and extinguishment systems; fire brigade involvement.
Courses: AR65  Credit points: 12  Campus: GP  Semester: 1, 2
► ARB082 HUMAN BEHAVIOUR AND FIRE
Effects of fire on life and property and community costs; human studies and response models; hazardous fire environments; egress calculations and occupant characteristics, behaviour during emergencies, response times; risk management-Probabilistic fire models.
Courses: AR65  Credit points: 12  Campus: GP  Semester: 1
► ARB083 FIRE AND BUILDING LEGISLATION
Society’s expectations for life safety and asset protection; traditional prescriptive approach; performance principles and methodology; state legislation (Australian law), PBCA, NSW and Australian Standards (technical framework); legal issues related to PBCA process and procedures; matters integrated approach (dangerous goods, health, fire, etc).
Courses: AR65  Credit points: 12  Campus: GP  Semester: 1
► ARB084 FIRE SAFETY SYSTEM DESIGN
Mechanics of smoke and fire spread in buildings; smoke and fire management; external fire spread and heat radiation; building structural fire performance; fire protection; methodology for fire safety risk assessment; estimation of fire safety performance parameters; case studies.
Courses: AR65  Credit points: 12  Campus: GP  Semester: 2
► AYB121 FINANCIAL ACCOUNTING
Financial Accounting provides an examination of the accounting concepts relevant to both Partnership and Corporate Structures within the context of: the accounting profession’s conceptual framework; the relevant accounting standards and Corporations Law requirements. Topics include: the formation, operation, financial reporting and disclosure for both Partnerships and Corporations, financial statements, and the professional role of accountants. The emphasis is on the effect of the different forms of ownership on the financial statements.
Courses: BS50, BS56, ED50, IF37  Prerequisites: BS8110  Contact hours: 3 per week  Credit points: 12  Incompatible with: AYB111, AYB112, AYB113, AYB114, AYB115, AYB116, AYB117  Campus: GP  Semester: 1, 2
► AYB225 MANAGEMENT ACCOUNTING
This unit introduces students to accounting systems designed to provide information at all levels with information for use in planning, controlling and decision making. This can be achieved through financial statements, which provide financial information for external users (ie shareholders, creditors, banks, etc). Emphasis is placed on developing a range of accounting systems (in particular product costing) which may be used in manufacturing firms, although the principles and concepts used to develop such systems can be adapted to service organisations.
Courses: BS50, BS56, ED50, IF28, IF30, IF37, IF40, IF41, IF44, IF48, IF72, IF72, IT20  Prerequisites: BS8110  Contact hours: 3 per week  Credit points: 12  Incompatible with: AYB224, FNB123, FNB124, LW3002, LW3014  Campus: GP  Semester: 1, 2
► AYB227 INTERNATIONAL ACCOUNTING
International Accounting provides students with the knowledge of international accounting crucial for achieving proper understanding of international business communications. This unit is designed to provide students with an insight into, and an appreciation of, many of the accounting problems and issues faced in an international business environment. Issues covered include: comparative international accounting systems and practices; cultural influences on accounting; and the application of international financial standards to both Australian and international business combinations, intangibles, foreign currency transactions and translation.
UNIT SYNOPTES


**Courses:**
- BS56
- BS56, ED50, IF28, IF30, IF37, IF47, IF62

**Credit Points:**
- 2 per week

**Semester:**
- 1

**UN A312 FINANCIAL INSTITUTIONS LAW**

This unit introduces students to the nature of accounting theory and integrates theory with practice to assist in the understanding of major accounting issues. The following topics are addressed: positive and normative theories of accounting; the nature of financial information; the financial system; the nature of financial institutions; the nature of financial markets; the nature of financial contracts; and the nature of financial reporting. The unit addresses the problems of accounting for financial institutions, the nature of financial institutions, the nature of financial markets, and the nature of financial contracts. The unit also addresses the problems of financial reporting, the nature of financial institutions, and the nature of financial markets. The unit concludes with a brief overview of the nature of financial information and the nature of financial institutions.

**Courses:**
- AYB113, AYB310, AYB307, AYB303

**Campus:**
- Jersey

**Semester:**
- 1

**AYB313 GOVERNMENT ACCOUNTING**

This unit is designed to expose students to the concept and operation of accounting in the public sector. Government accounting and budgeting practice is reviewed, and a comparison is made to private sector practice. This unit will examine the role of public sector accounting.

**Courses:**
- BS56

**Prerequisites:**
- AYB210, AYB311, AYB305, AYB308, AYB309

**Contact Hours:**
- 3 per week

**Credit Points:**
- 12

**Campus:**
- GP

**Semester:**
- 1

**AYB321 STRATEGIC ACCOUNTING AND MANAGEMENT**

This unit introduces students to the concept and operation of accounting in the public sector. Government accounting and budgeting practice is reviewed, and a comparison is made to private sector practice. This unit will examine the role of public sector accounting.

**Courses:**
- BS56

**Prerequisites:**
- AYB311

**Contact Hours:**
- 3 per week

**Credit Points:**
- 12

**Campus:**
- GP

**Semester:**
- 2

**AYB323 TAXATION LAW**

This unit introduces students to the concept and operation of accounting in the public sector. Government accounting and budgeting practice is reviewed, and a comparison is made to private sector practice. This unit will examine the role of public sector accounting.

**Courses:**
- BS56, IF28, IF30, IF41, IF47, IF48, IF62

**Prerequisites:**
- AYB311

**Contact Hours:**
- 3 per week

**Credit Points:**
- 12

**Campus:**
- ALB103

**Semester:**
- 1

**AYB325 TAXATION LAW**

This unit introduces students to the concept and operation of accounting in the public sector. Government accounting and budgeting practice is reviewed, and a comparison is made to private sector practice. This unit will examine the role of public sector accounting.

**Courses:**
- BS55, BS56

**Prerequisites:**
- AYB328 Corequisites: AYB328

**Contact Hours:**
- 3 per week

**Credit Points:**
- 12

**Campus:**
- ALB131

**Semester:**
- 2

**AYB331 FINANCIAL ACCOUNTING AND BUSINESS LAW**

This unit introduces students to the nature of accounting theory and integrates theory with practice to assist in the understanding of major accounting issues. The following topics are addressed: positive and normative theories of accounting; the nature of financial information; the financial system; the nature of financial institutions; the nature of financial markets; the nature of financial contracts; and the nature of financial reporting. The unit addresses the problems of accounting for financial institutions, the nature of financial institutions, the nature of financial markets, and the nature of financial contracts. The unit also addresses the problems of financial reporting, the nature of financial institutions, and the nature of financial markets. The unit concludes with a brief overview of the nature of financial information and the nature of financial institutions.

**Courses:**
- BS50, BS56, ED50, IF37

**Prerequisites:**
- AYB220

**Campus:**
- GP

**Semester:**
- 1

**AYB332 TAXATION LAW**

This unit introduces students to the concept and operation of accounting in the public sector. Government accounting and budgeting practice is reviewed, and a comparison is made to private sector practice. This unit will examine the role of public sector accounting.

**Courses:**
- BS50, BS56

**Prerequisites:**
- AYB325

**Campus:**
- GP

**Semester:**
- 1

**AYB333 ADVANCED TAX PLANNING**

This unit introduces students to the concept and operation of accounting in the public sector. Government accounting and budgeting practice is reviewed, and a comparison is made to private sector practice. This unit will examine the role of public sector accounting.

**Courses:**
- BS56, AYB325

**Prerequisites:**
- AYB332

**Contact Hours:**
- 3 per week

**Credit Points:**
- 12

**Campus:**
- ALB136

**Semester:**
- 1

**AYB334 BUSINESS LAW AND ETHICS**

This unit introduces students to the concept and operation of accounting in the public sector. Government accounting and budgeting practice is reviewed, and a comparison is made to private sector practice. This unit will examine the role of public sector accounting.

**Courses:**
- BS56, AYB332

**Prerequisites:**
- AYB331

**Contact Hours:**
- 3 per week

**Credit Points:**
- 12

**Campus:**
- ALN103

**Semester:**
- 1
UNIT SYPOSSES

The impact of Computer Information Systems (CIS) on controls and auditing, general controls, application controls, sampling, and testing; pricing; performance evaluation; operations research techniques; and contemporary management accounting issues such as activity costing, value-added management, just-in-time systems, total quality management and strategic management accounting.

Courses: BS89, GS40, GS41, GS48, GS85, GS86
Prerequisites: AYN414
Contact hours: 3 per week
Credit points: 12
Semester: 1, 2

► AYN443 ELECTRONIC COMMERCE CYCLES
This unit provides an examination of the concepts, processes, and issues relevant to computerised accounting systems including accounting information systems; internal controls; design and development of computerised accounting systems involving general ledger and reporting cycle, revenue cycle, expenditure cycle and payroll cycle; computer fraud, security and crime; accounting and auditing controls and accounting in an electronic environment. Practical application of these concepts is enhanced by the use of accounting software such as Excel, database software such as Access, and interactive multimedia software such as Accounting Information Systems Cycles.

Courses: BS89, GS40, GS41, GS48, GS85, GS86
Prerequisites: AYN416 or AYN404
Contact hours: 3 per week
Credit points: 12
Semester: 1, 2

► AYN449 ENTERPRISE SYSTEMS
The nature of enterprise resource planning systems (ERP), advanced study of accounting information system cycles linking concepts to the SAP R/3 FI - Financial Accounting Module functionality, general ledger accounting, sub ledger accounting, accounts receivable and accounts payable, authorisations for the FI Module, customising the FI Module, integration with other modules.

Courses: BS70, BS94
Contact hours: 3 per week
Credit points: 12
Semester: 1

► AYN453 E-BUSINESS INTELLIGENCE
This unit looks at corporate strategic decisions concerning information technology decisions, distribution, and e-commerce strategies, and knowledge management. This unit also provides an overview of the current e-commerce landscape, focusing on the role of business intelligence (BI) in the e-commerce environment. BI is a key component of e-commerce initiatives, and this unit will provide students with an understanding of the role of BI in the context of e-commerce.

Courses: BS70, BS94
Contact hours: 3 per week
Credit points: 12
Semester: 1

► AYN454 ELECTRONIC BUSINESS FOUNDATIONS AND LAW
The impact of the Internet is not just the creation of web-based corporations; it is the development of electronic commerce, digital rights management, and the legal frameworks that govern e-commerce. This unit will examine the legal and regulatory challenges facing e-commerce, including issues related to data protection, encryption, and intellectual property.

Courses: BS70, BS94
Contact hours: 3 per week
Credit points: 12
Semester: 1
of a new range of organisational methods based
on electronic communication technologies. These
methods incorporate the barriers of time and
distance and take advantage of global markets
and opportunities, while opening organisations
up to new threats and competition. This unit
examines the range of e-business applications
being used by organisations and assesses their
strengths and limitations. This unit also outlines
the main legal issues arising for professionals in
e-business.

Courses: BS70, BS94
Contact hours: 3 per week Credit points: 12
Incompatible with: AYN446, AYN447
Campus: GP Semester: 1

► AYN505 DESECTING FINANCIAL ACCOUNTS

This unit is designed to provide students with an
in-depth understanding of financial statement
analysis. The unit addresses issues faced in an
international business environment. Issues exami-
ned include: reviewing, detecting and investigat-
ing possible financial statement misrepresen-
tations; revenue recognition; asset valuation;
deferment and capitalisation; off-balance sheet
activity and liabilities; financial performance
information; ethical and legal issues and unver-
tified intangibles; earnings management; earnings
quality; disclosure; and cases of Worldcom, En-
ron and HIH.

Courses: BS63, BS70, BS94
Contact hours: 3 per week Credit points: 12
Campus: GP Semester: 1

► BS1110 ACCOUNTING

Accounting data is the basic for decision making in
any organisation. Accordingly, the aim of this
unit is to provide you with some basic knowledge of
the principles of financial and managerial accounting
theory and practice so that you can understand
how accounting data is used to help make deci-
sions in organisations. The unit covers financial
procedures and reporting for business entities;
analysis and interpretation of financial state-
ments; planning; control and business decision-
making.

Courses: BS56, ED23, ED50, IF26, IF37, IF41,
IF52, IF54, IF56, IF60, IF72, IT20, PU40
Contact hours: 3 per week Credit points: 12
Incompatible with: AYB100, AYB110,
AYB105, AC3013, ACB110, AC3000, ACB111,
CTB110
Campus: GP, CA Semester: 1, 2, 3

► BS1111 BUSINESS LAW AND ETHICS

This unit integrates the concepts and principles of
business law with the theories and applications of
business ethics. The unit makes extensive use of
cases in law and ethics to develop knowledge and
skills which enable students to analyse, apply and
evaluate the legal principles and ethical decision-
making processes relevant to modern business
practice.

Courses: BS56, IF05, IF09, IF28, IF30, IF41,
IF47, IF48, IF60, IF61, IF62, IF72
Contact hours: 3 per week Credit points: 12
Incompatible with: AYB120
Campus: GP, CA Semester: 1, 2, 3

► BS1113 ECONOMICS

Introduces students to the key economic concepts
and their practical applications. It comprises
twelve topics each focusing on a current eco-
nomic issue. Microeconomic topics include de-
mand and supply, elasticity, production and cost
theory and market structure; Macroeconomic
topics include measuring GDP, inflation, unem-
ployment, money and banking, and fiscal and
monetary policy.

Courses: BS56, BS57, BS58, IF26, IF28, IF30,
IF37, IF41, IF47, IF48, IF56, IF60, IF61, IF62,
IF72
Contact hours: 3 per week Credit points: 12
Incompatible with: EPB116 and EPB172,
EPB140 and EPB150
Campus: GP, CA Semester: 1, 2, 3

► BS1114 GOVERNMENT, BUSINESS AND SOCIETY

Provides a basic grounding in the principles, and
practices of government and its interactions with
business and society. Its principal focus is the
structure and key features of Australia’s constitu-
tional and government framework including the judicial and adminis-
trative aspects of government and their impact on the business
environment. Students also will develop a comparative appre-
ciation of the principles, institutional arrange-
ments and practices of contemporary government systems
globally and their impact on the changing national and international
environment.

Courses: BS56, BS65, BS28, IF30, IF37, IF41,
IF47, IF48, IF56, IF60, IF62, IF72
Contact hours: 3 per week Credit points: 12
Incompatible with: MNB114, EPB124,
MNB181, AD3049
Campus: GP, CA Semester: 1, 2, 3

► BS1115 MANAGEMENT, PEOPLE AND ORGANISATIONS

This unit introduces the theories and practice of
management and organisations. Emphasis is on
the conceptual and people skills
that will be needed at all areas of management and
in all areas of organisational life. The unit
acknowledges that organisations exist in an in-
compatible with Synthetic Environments, whereas the
Design and Engineering disciplines as a tool for
examines the range of e-business applications
and develop problem based learning skills. It
to apply understanding to case study scenarios
and develop problem based learning skills. It
to apply understanding to case study scenarios
and develop problem based learning skills. It
to apply understanding to case study scenarios
and develop problem based learning skills. It

Courses: BS56, BS57, BS58, BS65, BS70, BS94
Contact hours: 3 per week Credit points: 12
Campus: GP Semester: 1, 2, 3

► BS1119 INTERNATIONAL AND ELECTRONIC BUSINESS

This unit integrates two rapidly expanding areas
of business studies, international business and
e-business. Doing business across international
borders is facilitated by e-business technologies.
This unit explores the nature and mode of inter-
national business and e-business, how e-business
technologies facilitate international business and
add value to the business. Students develop the
skills and understanding to identify and respond to the
opportunities, challenges and risks of conducting
business across politically, economically and culturally diverse

Courses: BS56, IF05, IF09, IF27, IF28, IF30,
IF37, IF41, IF47, IF48, IF56, IF61, IF62,
IF72
Contact hours: 3 per week Credit points: 12
Incompatible with: BSB116, BSB117
Campus: GP, CA Semester: 1, 2, 3

► BS1212 BUSINESS INFORMATION AND COMMUNICATION

This is designed to introduce students to the need for
gathering business information and the techniques
involved in analysing and presenting information to a
relevant audience. Topics covered include business
problem identification, research design, data collection, data
analysis, and communication skills. In the context of busi-
ness computing environments, students will also
have hands-on experience using computer soft-
ware for data analysis.

Courses: BS56, IF05, IF09, IF28, IF30, IF37,
IF41, IF47, IF48, IF60, IF72
Contact hours: 3 per week Credit points: 12
Incompatible with: BSB117
Campus: GP, CA Semester: 1, 2, 3

► BS1226 MARKETING

This introductory subject examines the role and
importance of marketing as a tool for managing
organisation. Emphasis will be given to under-
standing the basic principles and practices of
marketing such as the marketing concept, market
segmentation, marketing information systems and
consumer behaviour. The unit will explore the
various elements of the marketing mix, with
special reference to product, price, distribution,
promotion, including advertising and public
relations. By way of introduction only, key issues
relating to services marketing, e-marketing and
strategic marketing will also be canvassed.

Courses: BS56, IF05, IF09, IF27, IF30, IF37,
IF41, IF47, IF48, IF56, IF60, IF61, IF62,
IF72
Contact hours: 3 per week Credit points: 12
Incompatible with: BSB116, CTB126
Campus: GP, CA Semester: 1, 2, 3

► BS2122 ELECTRONIC BUSINESS

Looks at the ways in which organisations adapt
and use various Electronic Business applications
in order to support and manage their business-to-business
and intra-business relations. Business models and their impact in
various industries are analysed, enabling students to
assess the underlying business benefits and de-
termine the model’s viability in a competitive envi-
ronment. The issues associated with front-end and
back-end applications associated with E-Business will be considered.
UNIT SYNOPSES

Courses: BSB6, IF26, IF28, IF30, IF37, IF41, IF48, IF47, IF57, IF60, IF62, IF72
Prerequisites: BSB112 or BSB119 or equivalent
Contact hours: 3 per week  Credit points: 12  Incompatible with: AYB333
Semester: 1  Course Coordinator.

► BSB213 LEGAL ISSUES IN ELECTRONIC BUSINESS
This unit introduces students with no formal studies in law to legal issues associated with electronic business. The main principles of legal issues and how they might be identified and managed by the use of compliance programs are addressed. Case studies of well-known e-business professionals identify the key legal, governance and ethical issues associated with their e-business operations. The integration of legal, technical and ethical issues that arise with international e-business transactions are also considered.
Courses: BSB56, IF26, IF28, IF30, IF41, IF47, IF48, IF57, IF60, IF62, IF72
Prerequisites: BSB111, BSB119 or 96 credit points of approved study
Contact hours: 3 per week  Credit points: 12  Incompatible with: AYB120, AYB332
Campus: GP  Semester: 2

► BSB310 BUSINESS AND INNOVATION ORGANISATION AND STRATEGIC DEVELOPMENT
This unit develops business skills that will enhance the ability of those operating within Bio- technology and biotechnology to capitalise on their research and development efforts. In essence this unit provides the skills-based mechanisms to develop graduates who are effective catalysts in recognising, developing and commercialising opportunities in Biotechnology.
Courses: L550  Prerequisites: MGB218
Contact hours: 3 per week  Credit points: 12  Incompatible with: GP
Campus: GP  Semester: 1

► BSB311 RESEARCH, DEVELOPMENT AND COMMERCIALISATION
Students will study strategies and approaches used in industry and government organisations for the research, development and commercialisation of biotechnology innovations. The unit offers the opportunity to read widely as well as in depth about the commercialisation of molecular biology and biotechnology research and theoretical concepts are integrated with prepared case studies prior to guest speaker seminars.
Courses: L550  Prerequisites: BSB310
Contact hours: 3 per week  Credit points: 12  Incompatible with: GP
Campus: GP  Semester: 2

► BSB314 E-BUSINESS INTELLIGENCE
This unit looks at corporate strategic decisions and the features of qualitative decision support systems and e-business intelligence needed to support management in this process. Group and e-learning scenarios, system design, data warehousing and corporate portals will be examined together with e-business intelligence applications. SAS software skills for decision support and data mining and visualisation will be covered. An introduction to advanced intelligent systems, artificial intelligence and knowledge-based support systems will also form part of the unit.
Courses: BSB56, IF26, IF28, IF30, IF37, IF41, IF47, IF48, IF57, IF60, IF62, IT21
Prerequisites: BSB212
Contact hours: 3 per week  Credit points: 12  Incompatible with: GP
Campus: GP  Semester: 2

► BSDL10 ACCOUNTING
Provides a study of the basic accounting process - both financial and managerial; and an introduction to the interpretation of accounting information. This unit covers financial procedures and reporting for partnerships, partnerships and companies, and analysis and interpretation of financial statements; planning, control and decision making.
Courses: BSB40, IF06
Contact hours: 4 per week  Credit points: 12  Incompatible with: BSB110
Campus: KG  Semester: 1, 2, 3

► BSD113 ECONOMICS
Introduces students to the key economic concepts in an intuitive and applied fashion. It comprises 12 modules each focusing on a current economic issue. These issues relate to the economics of the environment, the standard of living, inflation and unemployment, money and banking, saving and investment, international trade, the business cycle and stabilisation.
Courses: BSB40, IF06
Contact hours: 4 per week  Credit points: 12  Incompatible with: BSB113
Campus: KG  Semester: 1, 2, 3

► BSD114 GOVERNMENT, BUSINESS AND SOCIETY
Provides a basic grounding in the principles, institutions and processes of government, and how they interact with business and society. Its principal focus is the structure and key features of Australia's constitutional and governmental framework including the judicial and administrative processes, especially as they affect business. Students will also develop a comparative appreciation of the principles, institutional arrangements and practices of contemporary government in a global context. This unit includes law-making, policy processes, the impact of a changing national and international environment, and relationships between government, business and society.
Courses: BSB40, IF06
Contact hours: 4 per week  Credit points: 12  Incompatible with: BSB114
Campus: KG  Semester: 1, 2, 3

► BSD115 MANAGEMENT, PEOPLE AND ORGANISATIONS
Provides an introduction to the theories and practice of management and organisations. Emphasis is on the conceptual and people skills that will be needed at all levels of management and in all areas of organisational life. The unit acknowledges that organisations exist in an increasingly international environment where the emphasis will be on information, the ability to learn, to change and to innovate. Organisations are viewed from individual, group, corporate and external environmental perspectives.
Courses: BSB40, IF06
Contact hours: 4 per week  Credit points: 12  Incompatible with: BSB115
Campus: KG  Semester: 1, 2, 3

► BSD119 INTERNATIONAL AND ELECTRONIC BUSINESS
Integrates two rapidly expanding areas of business studies, International Business and E-Business. Doing business across international borders is facilitated by e-business technologies. This unit explores the nature and models of International Business, how E-Business technologies facilitate International Business and add value to the business. It develops the skills and understanding to identify and respond to the opportunities, challenges and risks of conducting business across politically, economically and culturally diverse country environments.
Courses: BSB40, IF06
Contact hours: 4 per week  Credit points: 12  Incompatible with: BSB119
Campus: KG  Semester: 1, 2, 3

► BSD126 MARKETING
Introductory unit which examines the role and importance of marketing to the contemporary organisation. Emphasis will be given to understanding the basic principles and practices of marketing such as the marketing concept, market segmentation, marketing information systems and consumer behaviour. The unit will explore the various elements of the marketing mix, with special reference to pricing, promotion including advertising and public relations. By way of introduction only, key issues relating to social marketing and strategic marketing will also be canvassed.
Courses: BSB40, IF06
Contact hours: 4 per week  Credit points: 12  Incompatible with: BSB126
Campus: KG  Semester: 1, 2, 3

► BSD133 DISCUSSION
Students undertake a study of an issue as the culmination of their honours programme. The dis- cussion must have a well-developed conceptual foundation and include a primary research component.
UNIT SYNOPSIS

Courses: BS63
Credit points: 48
Semester: 1, 2

BSN53 RESEARCH SEMINAR
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 on topical areas relevant to business. It provides an essential and basic preparation for the development of a dissertation or thesis proposal. This course is a prerequisite for BS63 and provides an overview of the thesis report. The thesis report should be of approximately 50,000 words.

Contact hours: Flexible Mode
Credit points: 12
Semester: 1

BSN536 ECONOMETRIC METHODS
This unit provides a comprehensive grounding in the econometric methods necessary for conducting research using such methods and for understanding recent contributions to the econometric literature.

Courses: GS40, GS41, GS48, GS85, GS86
Contact hours: 3 per week
Credit points: 12
Semester: 1

BSN557 RESEARCH METHODS
The subject provides an introduction to the methodology of social research. The unit begins with a consideration of some different views from the philosophy of science about what constitutes the appropriate way to do social research. This part of the unit includes some common sense issues about how to conduct practical research projects. The unit then focuses on quantitative research methods of design, measurement techniques and analysis. The unit will also cover qualitative research issues and the use of computer software to analyze data. Students are expected to present a seminar each semester on their progress to date and, in the final semester, on the outcomes of their research. The thesis report should be of approximately 50,000 words.

Courses: BS92
Credit points: 96
Semester: 1, 2

CEB110 ENGINEERING MECHANICS 2
This unit is an introduction to the fundamental understanding of how the earth's physical and environmental systems normally function and the challenges imposed on the environment by 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 provides students to undertake further studies in civil and environmental engineering.

Courses: CE44, CE45, CE46, CE35
Contact hours: 4 per week
Credit points: 12
Semester: 1

CEB214 PROFESSIONAL STUDIES 3 (ENVIRONMENTAL & TRANSPORT)
This unit allows for an appreciation of legal, social and environmental impacts of transport projects and urban development. The unit builds on the previous development of construction-related issues and provides an opportunity for students to work in teams to develop practical solutions to environmental problems associated with development. This unit of the Professional Studies Strand develops students' capabilities to operate in a civil engineering project environment.

Courses: CE44, CE45, CE35
Prerequisites: CEB207, CEB213
Contact hours: 4 per week
Credit points: 12
Semester: 2

CEB215 STRUCTURAL ENGINEERING I
This unit includes: development of the method of moment distribution and its application in analysis of continuous beams and frames; theory of stresses and strains in beams and columns; analysis and design of columns and beams; load paths, load factors, strength factors, time dependent loads, structural capacity and stability, rules of thumbs, structural timber, material selection, and basic steel and concrete principles.

Courses: CE44, CE45, CE46
Prerequisites: CEB110, BNB007
Contact hours: 5 per week
Credit points: 12
Semester: 1

CEB208 Materials Science
The unit provides students with a sound and practical understanding of materials and selection so that they may adapt to scientific and technological changes in the variety of products entering the market. They will understand where the engineer fits into the process of quality assurance and be aware of the numerous components of quality assurance and the costs generated by quality control and assurance. They will obtain an awareness of the effects of the working environment on different engineering materials. Among other things they will study the behaviour and application to retaining wall lateral pressures, pattern loading on frames and continuous beams, and behaviour of reinforced concrete members and applications in the design of beams and columns.

Courses: CE44, CE45, CE46, CE35
Prerequisites: CEB207, CEB208, CEB110
Contact hours: 4 per week
Credit points: 12
Semester: 2

CEB216 PROJECT ENGINEERING 1
This unit extends the development of the construction techniques common to site investigation, earthworks, pile driving, deep foundations, reinforced and prestressed concrete and steel construction. This operational understanding is extended into a study of the practices used to estimate cost and to administer contracts, including planning and legal implications of operating in a commercial environment. The unit concludes with the issues surrounding the uncertainty of weather and of operating in remote environments.

Courses: CE44, CE45
Prerequisites: CEB208, CEB207
Contact hours: 4 per week
Credit points: 12
Semester: 2

CEB217 HYDRAULIC ENGINEERING 1
Units and Properties of Fluids; Pressure and Pressure Measurement; Forces in Static Fluids, Buoyancy and Accelerating Fluids; Kinematics; Continuity and Flow Nets; The Energy Equation; The Momentum Equation; Experimental Fluid Mechanics; Lift and Drag; Fluid Flow in Pipes and the Application of Pipe Resistance Formulae; Fitting Losses; Pipes in Series and Parallel; Pipe Network Analysis; Hydraulic Analysis of Pump and Pipe Systems; Pump Types, Characteristics and Selection.

Courses: CE44, CE45, CE46, CE35
Prerequisites: CEB109, MAB131
Contact hours: 4 per week
Credit points: 12
Semester: 2

CEB218 GEOTECHNICAL ENGINEERING 1
Soil mechanics is a part of geotechnical engineering, soil types, their description, classification and engineering properties. Granular and cohesive soil classification systems. Volume and mass components, density and air voids. Determination of soil geostatic vertical pressures, pore water pressures and effective stress; permeability theory and fluid flow. Determination of soil geostatic vertical pressures, pore water pressures and effective stress; permeability theory and fluid flow. Soils and their classification, earthy or organic clay, soil behaviour, and classification. Computer simulation and analysis programs used where appropriate.

Courses: CE44, CE45, CE46
Prerequisites: CEB109, MAB131
Contact hours: 4 per week
Credit points: 12
Semester: 2

CEB219 ENVIRONMENTAL ENGINEERING 1
Soil mechanics is a part of geotechnical engineering, soil types, their description, classification and engineering properties. Granular and cohesive soil classification systems. Volume and mass components, density and air voids. Determination of soil geostatic vertical pressures, pore water pressures and effective stress; permeability theory and fluid flow. Soils and their classification, earthy or organic clay, soil behaviour, and classification. Computer simulation and analysis programs used where appropriate.

Courses: CE35

Q U T H A N D B O O K  2 0 0 4  \  P A G E  4 1 8
UNIT SYNOPSIS

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<th>Prerequisites:</th>
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► CEB219 STRUCTURAL ENGINEERING IA

Moment distortion, statically indeterminate stanchions, continuous beams and single frames. Moving loads on structures such as bridges and crane girders, influence line diagrams, ‘pattern load’ and its application to continuous structures. Fundamentals of reinforced concrete analysis and design and its behaviour in bending, shear and carrying axial loads. Analysis and design of beams, columns and slabs also CEB207, CEB208, CEB110
| Courses:      | Credit points: |
| 4 per week    | 12           |
| Campus:       | GP           |
| Semester:     | 2            |

► CEB259 ENGINEERING DESIGN FOR LAND DEVELOPMENT

This unit introduces the student to the basic civil engineering design processes and procedures associated with the design of subdivisions within urban/rural land for residential, industrial or commercial purposes. The student learns: 1) Subdivisional road design types, hierarchy, longitudinal and transverse sections, earthworks, 2) Stormwater design, basic urban hydrology, catchment properties, Rational Formula, pipe/gully parameters, pipe and open channel flows; 3) Water reticulation system features; 4) Sewer reticulation system features and basic design procedures. Modern trends in water management (including sustainable development) together with the general construction procedures and basic costings will be introduced.
| Courses:      | Credit points: |
| PS47, PS48    | 12           |
| Campus:       | GP           |
| Semester:     | 1            |

► CEB317 PROFESSIONAL STUDIES 4 (PROJECT DOCUMENTATION & ROADS)

Civil engineers as professionals are responsible for the design, supervision, construction and operation of transport infrastructure. Students will gain an understanding of the development of legislation, policies and procedures that are governing transport infrastructure, and how these are applied to the design of transport infrastructure. Students will also gain an understanding of the legal, environmental, social and economic factors that are considered when designing transport infrastructure. Students will be able to undertake typical road and traffic engineering investigations, analysis and design. This unit will also provide students with an understanding of the role of the civil engineer in the preparation of a feasibility design study for a road as a major transport infrastructure project.
| Courses:      | Credit points: |
| CEB317, CEB214, BNB007 | 12 |
| Campus:       | GP           |
| Semester:     | 2            |

► CEB318 STRUCTURAL ENGINEERING 2

Limit state 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, effective lengths of compression members and beams, Design of beams, effect of lateral restraints on buckling, web crippling, column buckling, beam-columns, bolted and welded connections, unsymmetrical 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 unsymmetrical and hence the latter topics are useful in steel design.
| Courses:      | Credit points: |
| CEB207, CEB110 | 12 |
| Campus:       | GP           |
| Semester:     | 2            |

► CEB321 WATER AND WASTEWATER TREATMENT

This unit provides an overview of water treatment and wastewater management. The focus is on the design, operation and maintenance of water treatment and wastewater treatment processes. The unit will provide students with an understanding of the principles and practice of water and wastewater treatment, and the roles and responsibilities of engineers in the design, operation and maintenance of water and wastewater treatment processes.
| Courses:      | Credit points: |
| CEB207, CEB208, CEB215, CEB318 | 12 |
| Campus:       | GP           |
| Semester:     | 2            |

► CEB322 GEOTECHNICAL ENGINEERING 1

Further study on the behaviour of soil and rocks. Determination of subsurface pressures from surface loadings. Soil settlement including time related consolidation settlement and immediate settlement on sand and clay as related to shallow foundations. Assessment of bearing capacity and allowable bearing pressures under shallow foundations. Pile foundation systems and analysis for capacity and settlement. Rock mass behaviour, classification, point shear strength applied to slope stability assessment and soil liquefaction measures.
| Courses:      | Credit points: |
| CEB44, CEB45, CEB46 | 12 |
| Campus:       | GP           |
| Semester:     | 2            |

► CEB323 PROFESSIONAL STUDIES 5 (STEEL DESIGN & CONSTRUCTION)

Steelwork: design and construction, structural systems, load paths, rules of thumb, building layout, function and form, cladding, element and wind loading evaluation, idealisation, analysis, design action effects, Space Gass, columns and sub-structures, pile foundation systems and analysis for capacity and settlement. Rock mass behaviour, classification, point shear strength applied to slope stability assessment and soil liquefaction measures.
| Courses:      | Credit points: |
| CEB323 | 12 |
| Campus:       | GP           |
| Semester:     | 2            |
courge life long learning processes throughout their career as environmental engineers.

Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 1

► CEB411 THESS PROJECT A
This is a major report of the literature on an area of civil engineering practice where research and development has been undertaken. Students will demonstrate skills in problem definition, work planning, critical analysis of the study material information retrieval and appropriate citation procedures. The seminar presentation is a major feature. Guided instruction and exercises will be given on information retrieval and appropriate citation procedures.
Courses: CE44, CE45 Credit points: 12
Campus: GP Semester: 1, 2

► CEB412 PROJECT ENGINEERING 2
The unit builds on the understanding of the physical aspect of construction gained in Project Engineering 1 to develop the skills needed to manage a project. Further studies in estimating, contract administration and cost control provide support for a major computer simulation exercise based on the construction management of a complex industrial project. This experience component provides a framework for the exploration of issues in the legal, managerial and technical areas which form the basis for the professional presentations that conclude the unit.
Courses: CE44, CE45
Prerequisites: CEB216, CEB317
Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 1

► CEB413 STRUCTURAL ENGINEERING
Advanced structural engineering topics. Space Gass, Microstam, the stiffness method. This method will be developed and illustrated by assessed client engineering projects. Placing analysis and the concept of plastic hinge will be introduced and applied. Basic structural dynamics will be introduced and some simple illustrative examples will be provided. Principles of earthquake engineering, aesthetics in bridge design, load paths in structures and approximate methods in the analysis of complex structures will be treated.
Courses: CE44, CE45
Prerequisites: CEB215, CEB318
Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 2

► CEB415 THESS PROJECT B
Thesis B is an optional elective and extension of Thesis A CEB411. Various avenues of investigation and cases studies covering the environmental impacts for some of the urban and rural transport and infrastructure projects, especially in the area of Community Consultation.
Courses: CE46
Prerequisites: CEB214, CEB323
Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 2

► CEB420 ENVIRONMENTAL THESIS A
Professional engineers must be able to define and solve problems which have not been covered in textbooks and manuals of good practice. Research and development work will be required to critically assess the available information and to plan and carry out a program of investigation. This subject helps students develop the skills required for this type of work.
Courses: CE46
Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 1

► CEB424 PROFESSIONAL STUDIES 6 (CONCRETE STRUCTURES & GEOTEchnICAL ENGINEERING)
Concrete: design and construction; roles of building professionals; design, current structures, structural systems, load paths, rules of thumb; building layout, function and form, design effects, seismic and element loads, structural element loading; formwork and placement constraints, reinforced and prestressed concrete slabs, beams, columns, architectural changes, connections; soil behavior, footing and foundation structures, bar shading.
Courses: CE44
Contact hours: 12 Credit points: 12
Campus: GP Semester: 1

► CEB425 PROFESSIONAL STUDIES 7 (CIVIL DESIGN PROJECT)
Selection from: development planning and design, sitework design, layout, characteristics, client requirements, timetable, consultancy project planning and costing, development style, site civil design, transport impact assessment, network, SIRDA, trip generation, impact mitigation, intersection design, parking, site storm water design, wastewater treatment design, environmental geotechnical design, contaminated ground, slope stability.
Courses: CE44
Contact hours: 12 Credit points: 12
Campus: GP Semester: 2

► CEB426 ENVIRONMENTAL PROFESSIONAL STUDIES (CIVIL PROJECT)
Development planning and design, site location, layout, client requirements, site layout, consultants, profit planning and costing, development style, site civil design, transport impact assessment, network, SIRDA, trip generation, impact mitigation, intersection design, parking, storm water design, wastewater treatment design, environmental geotechnical design, contaminated ground, slope stability.
Courses: CE44, CE46
Contact hours: 12 Credit points: 12
Campus: GP Semester: 2

► CEB507 FINITE ELEMENT METHODS
The Finite Element Method is easily the 20th century’s answer for treating complex problems, which had hitherto remained impossible to solve, in several areas of engineering such as structural, geotechnical, hydraulic, electrical, heat conduct, etc. For example the displacements and stresses in dams, deep beams with openings, shell structures, soil-anchors, etc, can only be calculated by finite element analysis. Basic theory and some of the important features of the method, engineer- ing actions, modelling, choice of elements, boundary conditions, input data and interpretation of results.
Courses: CE44, CE45
Prerequisites: CEB413
Credit points: 12
Campus: GP Semester: 1

► CEB508 TRANSPORT ENGINEERING 1
This is a final year elective unit to prepare stu- dents 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 plan-

Courses: CE44, CE45
Prerequisites: CEB323
Credit points: 12
Campus: GP Semester: 1

► CEB509 PROJECT MANAGEMENT AND ADMINISTRATION
This unit provides a foundation of some of the issues relating to the management of construction projects from both practical and theoretical perspectives. Topics covered include: leadership and management of organisations and people; Planning and scheduling; Engineering and tendering processes; sub-contractors and suppliers; Co-ordination of project activities; Cost control and claims; Legal and insurance issues; Information Technology issues; Written and verbal communication; Critical path method solving, and Managing and preventing dis-putes. Assessment will be practical and progres-

Courses: CE44, CE43
Prerequisites: CEB216, CEB412
Credit points: 12
Campus: GP Semester: 1

► CEB513 ADVANCED CONSTRUCTION PRACTICE
Practical engineers generally work in a highly stressed commercial environment with competing pressures. A student in final year should be ex- pected to develop real-life problem solving skills. The course integrates what has already been taught in the specific civil engineering disciplines and requires the student to prepare and submit a commercial tender for a construction project. Teams of stu-
dents competitively bid for the project. In addition, relevant legal and commercial issues associated with the tender and subsequent administration of the particular construction contract are covered so that the student appreci-
ates the realities associated with a construction project.
Courses: CE44, CE45
Prerequisites: CEB216
Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 1

► CEB514 PROJECT CONTROL
Contemporary engineering demands that the practising engineer needs to master not only technical and design concepts but also a strong background in current management prac-
tices. Engineers, whether they are in construc-
tion design or maintenance, need to be familiar with the economic implications of technical design, project planning and scheduling, cost control, and after sales service. This unit will provide the student 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 plans-

Courses: CE44, CE45
Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 1

UNIT SYNOPTES

Q U T H A N D B O O K 2 0 0 4 • P A G E 4 2 0
UNIT SYNOPTES

Courses: CE44, CE43, IF42 Credit points: 12
Semester: 2
Campus: GP
► CEB52 GEOTECHNICAL ENGINEERING PRACTICE
Understanding of an engineering material.
Unit includes a wide range of activities such as: site investigation and design for building, highway design; foundation, materials; design and construction control for dams, road pavements and embankments; landslide stabilisation and tunnel excavation and support. Following on from the work done in Geotechnical Engineering 1 and Geotechnical Engineering 2, this elective strengthens the understanding of geomechanics, and develops geological investigation, design and construction skills. Three case studies will be undertaken, selected from soil reinforcement, loading on piles, embankment failure, soft soil rock-slope stabilisation, or house foundations on expansive soils.
Course: CE43, IF42
Prerequisites: CEB322
Contact hours: 4 per week
Credit points: 12
Semester: 2
Campus: GP
► CEB53 ENVIRONMENTAL GEOTECHNOLOGY
Courses may be part of a team investigating, designing and constructing solutions to waste containment and soil and groundwater pollution problems. This subject prepares themselves for this work by developing an understanding of the engineering concepts and processes and also by introducing them to specialist techniques, such as monitoring and transport modelling which will be used by more specialist members of these teams. It also prepares them for further post-graduate study in these specialist areas.
Courses: CE44, CE43, IF42
Prerequisites: CEB209, CEB213
Credit points: 12
Semester: 2
Campus: GP
► CEP011 RAILWAY BUSINESS AND ENGINEERING
The unit is offered entirely in distance education mode via the continuing professional development unit NRE001. Railway Business (types, clients and service, requirements of, legislation, competition, organisational structures, planning and supply of labour, material and technology); Railway Access (owner and management, access and maintenance and upgrading); Project Management (principles, tasks, evaluation, estimation, planning charts, managing interfaces, monitoring, reporting and audits); Infrastructure (task and layout, wheel/rail, maintenance and renewal, incidental infrastructure, valuation of railway business, track and related infrastructure); Rolling stock (vehicle, suspension, wheel/train, locomotive, sub-systems, etc.).
Courses: CE62
Credit points: 12
Semester: 2
Campus: GP
► CEP012 RAILWAY MANAGEMENT OPERATION AND SAFETY
The unit is offered entirely in distance education mode via the continuing professional development unit NRE002. The four modules cover: Railway systems of railway business management, vision, strategy, policy and procedures, needs of stakeholders; Railway Operation (planning for service specification and delivery, coordination and optimising service); Railway Safety Management (broader aspects of railway safety, security, awareness, guidance for the inter-disciplinary manager); Railway Signalling and Telecommunications (signalling and telecommunications systems as important safety elements and use of systems, level of safety, operational flexibility and asset utilisation required by railway owners operators and regulators).
Courses: CE62
Credit points: 12
Semester: 1, 2
Campus: GP
► CEP127 ROAD AND TRAFFIC ENGINEERING
The Municipal Engineers’ task involves the provision of a safe and effective road system. This unit is included in the course to ensure that students have an effective and comprehensive understanding of the principles of road construction and road traffic management. The aim of this unit is to provide the student with not only the techniques to be used but also the principles behind these techniques. A secondary aim is to provide students with an understanding of when a technique is most appropriate. The objectives of this unit are to develop skills in the analysis and design of intersections, analysis of urban networks, and federal and state transport systems.
Courses: CE62, CE64, CE74, CE75
Credit points: 12
Semester: 1
Campus: GP
► CEP131 STUDIES IN ENVIRONMENTAL ENGINEERING
Various studies related to waste and resource management and risk analysis. Waste management topics include waste avoidance and minimisation, recycling and reuse; waste exchange; energy production; treatment; and disposal. Risk analysis studies include risk posed by waste material to human health and the environment and optimisation of resource management.
Courses: CE74, CE75, CE62, CE64
Credit points: 12
Semester: 2
Campus: 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.
Courses: CE62, CE64, CE74, CE75
Credit points: 12
Semester: 2
Campus: GP
► CEP143 BIOLOGICAL TREATMENT PROCESSES
The design and operation of water and wastewater treatment processes. This unit is offered entirely in distance education mode via the continuing professional development unit NRE003. This unit will cover the design and operation of processes used to treat sewage and industrial waste streams. This unit will cover the processes used to treat sewage and industrial waste streams.
Courses: CE62, CE64, CE74
Credit points: 12
Semester: 2
Campus: GP
► CEP151 ROAD SAFETY AUDIT - PRINCIPLES AND PRACTICE
Road safety audit is a group skills that is developed from an understanding of the principles involved and practical examples. This course provides this understanding and practice and enhances graduates to become road safety auditor. The unit can be taken by people with a large range of backgrounds and education levels.
Credit points: 12
Semester: 1
Campus: GP
► CEP175 PAVEMENT MAINTENANCE REHABILITATION AND RECYCLING
This unit describes how different ways a pavement exhibits both structural and non-structural distress. The modes of distress, including disintegration, distortion, cracking and fracture are described all together with the common causes of pavement failure 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 structural overlays are also described with the use of these techniques.
Courses: CE62, CE64, CE74, CE75
Credit points: 12
Contact hours: 3 per week
Semester: 1
Campus: GP, EXT
► CEP201 PROCESS MODELLING
Role of models in engineering design and investigation. Principles of modelling techniques and their uses, limitations and relevant applications.
Courses: CE62, CE64, CE74, CE75
Credit points: 12
Contact hours: 3 per week
Semester: 2
Campus: GP
► CEP216 ADVANCED TRAFFIC ENGINEERING
Traffic flow theory and traffic management. Analytical and computer analysis routines for urban and regional transport engineering and planning. Emphasis is placed on the planning, operation, management and evaluation of transport projects and systems, particularly in context with economic, environmental and social attributes.
Courses: CE74, CE75, CE62, CE64
Contact hours: 3 per week
Semester: 2
Campus: GP
► CEP218 TRANSPORTATION ENGINEERING
This unit is presented to provide students an advanced understanding within the transport engineering discipline, with emphasis on both the qualitative and quantitative processes involved in urban and regional transport engineering and planning. Emphasis is placed on the planning, operation, management and evaluation of transport projects and systems, particularly in context with economic, environmental and social attributes.
Courses: CE74, CE75, CE62, CE64
Contact hours: 4 per week
Semester: 2
Campus: GP
► CEP291 ENVIRONMENTAL LAW AND ASSESSMENT
Courses: CE62, CE64, CE74, CE75
Contact hours: 4 per week
Semester: 1
Campus: GP
► CEP292 ENGINEERING PRACTICE 2
This subject is designed to teach the basic precepts in site management and to provide the Q U T H A N D B O O K 2 0 0 4 · P A G E 4 2 1
student an insight into the requirements, precepts and problems of construction management. Good engineers often combine documents into a demonstrated ability in project management or design specialisation. It requires engineers that possess vision, strategy, communication and the ability to define and solve problems in areas that are not covered in textbooks and manuals of good practice. An aid to definition and solution is the critical assessment of research and development work. The obtaining of this information and its study will need a plan of action. Students enrol in this unit over two semesters, completing 12 credit points in each semester. The aim of this unit is to help the student to develop skills in literature review and reporting on their area of investigation. As each discipline has its own needs, the guidelines shown below are indicative only. The timelines need to be proportionately extended in all other cases. The main tasks are required by the professional bodies.

Courses: CE62, CE64, CE74, CE75
Credit points: 12

Incompatible with: COB121

► CLB002 COMPUTER APPLICATIONS IN BCT


Courses: ED50, ED90
Contact hours: 3 per week  Credit points: 12
Incompatible with: COB119

► CLB004 INTEGRATED FOUNDATION STUDIES 1: VISUAL AND VERBAL LANGUAGE AND LITERACIES

This unit examines literacy from contemporary perspectives. Literacy education has tended to make an artificial divide between the print and non-print word and visual information. Increasingly, contemporary literate practices combine multiple text forms employing various media and technology to communicate. Texts are spoken, written, visual imagery and other symbolic forms, and presented in multimedia combinations and digital interactive contexts. This unit examines the complex intertextuality of texts, delivery modes and media that have specific and more general, social and cultural meaning.

Courses: ED91, ED51
Contact hours: 3 per week  Credit points: 12

► CLB005 INTEGRATED FOUNDATION STUDIES 2: WELLNESS AND ACTIVE CITIZENSHIP

This unit explores the links between a holistic notion of health and wellness and the practice of active citizenship. It investigates the connections between human wellness, behaviour and particular social, cultural, civic, economic and environmental relationships that characterise communities at particular times and places. Students are encouraged to explore such questions and utilise their knowledge and understanding to develop a sense of purpose about wellness and active citizenship in an increasingly globalised world.

Courses: ED91, IF82, IX12, IX51
Contact hours: 3 per week  Credit points: 12

► CLB006 PRIMARY CURRICULUM AND PEDAGOGIES: LANGUAGE AND LITERACIES

New basis emerge in literacy education. The privileged status of print as the almost exclusive basis to literacy has diminished. Postmodern media culture is powerful and pervasive, and knowledge communication today is as much through multimedia as it is through the simple medium of print. This unit acknowledges that many children now live through a range of literacy from textual environments that are considerably more complex than those of their predecessors. Contemporary language and literacy education must base its practices on texts from a range of technologies, including different media, and in recognition of diverse contexts and social paraposes.

Courses: ED91, IX12, IX14, IX51
Incompatible with: CLB348  Campus: KG

► CLB008 PRIMARY CURRICULUM AND PEDAGOGIES: STUDIES OF SOCIETY AND ENVIRONMENT

This unit focuses on recent developments within the social studies field, and with particular reference to Studies of Society and Environment (SOSE), a national key learning area and explores teaching and learning approaches in SOSE. Understanding the processes of curricular development and being able to interpret contemporary curricula and school schemes of work, classroom practice are essential professional skills. You will investigate SOSE as a curriculum field to consider ways of translating syllabus requirements into worthwhile teaching and learning activities. You will critically reflect upon contemporary theory and the practical applications throughout the unit and to consider how effective teaching can be achieved.

Courses: ED91
Contact hours: 3 per week  Credit points: 12

► CLB009 ACCOUNTING AND BUSINESS MANAGEMENT STUDIES

1 The first of three complementary units in Accounting/Management Curriculum Studies. The three units have been designed to help prepare you for a professional role as a teacher of secondary school Accounting/Management, and also to prepare you to teach in junior secondary school business subjects. This first unit, the focus will be on curriculum development and teaching approaches in Accounting/Management. Teaching is a complex activity, and it has been theorised extensively. In these units, the emphasis will be on situating classroom practice within a defensible theoretical context. The core unit proposal that effective teaching results from the integration of theory and practice.

Courses: ED55, ED90, IX53, IX05, IX09
Contact hours: 3 per week  Credit points: 12

► CLB015 ECONOMICS CURRICULUM STUDIES

1 The nature of Economics education and its role, contribution and significance for education; introduction to the Queensland Economics and SOSE syllabuses and curriculum documents; introduction to the principles of lesson and curriculum unit planning activities; an introduction to the methodology of inquiry based teaching and learning activities in Economics education. This is the first of three complementary units in the Economics Curriculum. The three units have been designed to help prepare you for a professional role as a teacher of Economics. In this first unit, the focus will be in introducing the spirit and purpose of the Economics curriculum and on effecting planning and implementation of innovative teaching approaches in Economics.

Courses: ED55, ED90, IX03, IX09
Prerequisites: 24 credit points in appropriate discipline studies
Contact hours: 3 per week  Credit points: 12

► CLB018 ENGLISH CURRICULUM STUDIES

1 An introduction to English teaching in secondary schools, providing an indispensable foundation on which English Curriculum Studies II and III are based. You will develop an understanding of the theories of language and literature which underpin secondary English curriculum and pedagogy and which condition students learning within English classrooms. You will have opportunities to apply your learning to your field observations and to plan to put theory of language, texts and learners into practice for English teaching.

Courses: ED55, ED90, IX01, IX04, IX05, IX08, IX09
Prerequisites: 24 credit points in appropriate discipline studies
Contact hours: 3 per week  Credit points: 12

► CLB021 ESL CURRICULUM STUDIES

1 Effective ESL practitioners require a knowledge and understanding of the theories which impact on the effective learning of a second (or an additional) language and on learning curricula developed through an additional language. They also need to know how these factors influence planning for learning and how they can be managed to maximise learning outcomes. In this first unit, you will gain an understanding of the theory that influences approaches to teaching English as an additional language across the school curriculum. You will explore the evidence and the theoretical documents that impact on planning for ESL teaching and teaching eg ESL (Framework of Stages and
UNIT SYNOPSES

NLLIA ESL Band scales. You will be provided with opportunities to explore ways of putting this theory into practice.

Courses: ED55, ED90, ED95
Prerequisites: 24 credit points in appropriate discipline studies
Contact hours: 3 per week Credit points: 12

► CLB024 FILM AND MEDIA CURRICULUM STUDIES 1
This unit is designed to develop competencies needed for planning and teaching in junior secondary Media (Years 8-10). You will be introduced to the current curricular directions and frameworks for junior media (Years 1-10) and its applications across the curriculum. The unit will build on the understandings and skills you developed in the unit Teaching and Learning Studies I and II and relate also to Field Studies I. This should assist in preparing you for the further Field Studies components of the course, and lead to the development of your knowledge of classroom management skills, lesson design and implementation, social justice and equity issues and facilitating the use of post-lesson reflection and evaluation.

Courses: ED55, ED90, ED95, IX01, IX05, IX08
Prerequisites: 24 credit points in appropriate discipline studies
Contact hours: 3 per week Credit points: 12

► CLB027 GEOGRAPHY CURRICULUM STUDIES 1
This is the first of three complementary units in Geography Curriculum. The three units have been designed to help prepare you for an international role as a teacher of geography, and also to prepare you to teach in the Studies of Society and Environment (SOSE) Key Learning Area (KLA) as currently defined in Queensland. You will be introduced to the theoretical and practical knowledge and skills required by an effective practitioner in the complex social environment of the classroom. In this first unit, the focus will be on the spirit and purpose of the geography curriculum and on innovative teaching approaches in geography.

Courses: ED55, ED90, ED95, IX01, IX05, IX08
Prerequisites: 24 credit points in appropriate discipline studies
Contact hours: 3 per week Credit points: 12

► CLB030 HISTORY CURRICULUM STUDIES 1
This is the first of three complementary units in History Curriculum. The three units have been designed to help prepare you for a professional role as a teacher of secondary school history, and also to teach in the broader field of Studies of Society and Environment (SOSE), a national Key Learning Area (KLA) that has been adopted by many non-state schools. In this first unit, the focus will be on curriculum development and teaching approaches in history. In these units, the emphasis will be on situating classroom practice within a defensible theoretical context.

Courses: ED55, ED90, ED95, IX01, IX05, IX08
Prerequisites: 24 credit points in appropriate discipline studies
Contact hours: 3 per week Credit points: 12

► CLB033 SOCIAL SCIENCE CURRICULUM STUDIES 1
This is the first of three complementary units in Social Science Curriculum aimed at preparing you to teach Social Sciences in secondary school. This unit focuses on developments within the curriculum area of social studies, with particular reference to the field of Studies of Society and Environment (SOSE) Key Learning Area. It explores the theoretical context for these curriculum areas, and places emphasis on the links between theory and practice. This unit provides opportunities for you to draw on Social Science as a curriculum area and to consider ways of translating the syllabus requirements for the lower secondary school into worthwhile teaching activities.

Courses: ED55, ED90, ED95, IX01, IX09
Prerequisites: 24 credit points in appropriate discipline studies
Contact hours: 3 per week Credit points: 12

► CLB034 CONTEXT OF ADULT AND WORKPLACE EDUCATION
Investigates 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 new technologies, the family and community, demographics, and policy are explored through an historical and critical approach. Issues raised by such changes (for example: access, equity and participation, credentialing, competency recognition, and the unintended consequences of policy) are key points of investigation.

Courses: ED54, ED26
Contact hours: 3 per week Credit points: 12

► CLB036 UNDERSTANDING EDUCATIONAL PRACTICES
The social, cultural, historical and political contexts of schooling; technologies, practices and strategies employed by schools; the curriculum as a contested site; the place of schooling in the modern state. Critical reflection by students is encouraged, allowing them to engage with others as co-theorists in pedagogical work.

Courses: ED50, ED51, ED52, ED53, ED55, ED56, ED57, ED26, IF70-79, IF81-84
Contact hours: 3 per week Credit points: 12
Incompatible with: CBP0420

► CLB320 STUDIES IN LANGUAGE
The language basis in current approaches to the teaching of English; nature and function of language; demonstration of 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: ED70, ED90
Contact hours: 3 per week Credit points: 12

► CLB321 WRITING WORKSHOP
The student, as writer, uses all the language modes in social contexts (either genuine or simulated) to lead to writing in a range of situations. Engagement in these writing situations is designed to bring about personal understanding of the following: the nature of the writing process; the influence of audience and purpose on the writing situation; the place of schooling in the modern state. Critical reflection by students is encouraged, allowing them to engage with others as co-theorists in pedagogical work.

Courses: ED50, ED51, ED52, ED53, ED55, ED56, ED57, ED26, IF70-79, IF81-84
Contact hours: 3 per week Credit points: 12

► CLB322 LITERATURE IN SECONDARY TEACHING
Literature teaching in historical perspective; recent developments in theory; poetry in the senior school; drama in the senior school; creative writing in the senior school; shorter works (novellas, short stories) and their use in the English curriculum.

Courses: ED50, ED51, ED52, ED43, ED90
Contact hours: 3 per week Credit points: 12

► CLB323 TEACHING ADOLESCENT LITERATURE
The influence and nature of young adult literature; strategies for evaluation and selection; recent research into adolescents reading needs, interests and learning experiences; using young adult books in the curriculum.

Courses: ED50, ED91, ED92
Contact hours: 3 per week Credit points: 12

► CLB325 ENGLISH CURRICULUM STUDIES 1
The nature of the curriculum area/discipline and its role and contribution as a medium for education and socialisation; its content and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experiences in selected curriculum areas.

Courses: ED50, ED54, ED55, IF70, IF75-79
Prerequisites: 48 credit points in each relevant discipline area
Contact hours: 3 per week Credit points: 12

► CLB326 ENGLISH CURRICULUM STUDIES 2
Curriculum development within the context of contemporary policies, frameworks and agencies; general principles of measurement, assessment and evaluation; teaching and learning strategies; and issues and directions in curriculum development.

Courses: ED50, ED54, ED55, IF70, IF75-78
Prerequisites: 48 credit points in each relevant discipline area
Contact hours: 3 per week Credit points: 12

► CLB327 FILM AND MEDIA CURRICULUM STUDIES
The nature of the curriculum area/discipline and its role and contribution as a medium for education and socialisation; its content and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experiences in selected curriculum areas.

Courses: ED50, ED54, ED55, IF70, IF75-78
Prerequisites: 48 credit points in each relevant discipline area
Contact hours: 3 per week Credit points: 12

► CLB328 FILM AND MEDIA CURRICULUM STUDIES 2
Curriculum development within the context of contemporary policies, frameworks and agencies; general principles of measurement, assessment and evaluation; teaching and learning strategies; and issues and directions in curriculum development.

Courses: ED50, ED54, ED55, IF70, IF75-78
Prerequisites: CLB327
Contact hours: 3 per week Credit points: 12

► CLB329 LOTE CURRICULUM STUDIES
The nature of the curriculum area/discipline and its role and contribution as a medium for education and socialisation; its content and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experiences in selected curriculum areas.

Courses: ED50, ED54, ED55, IF70, IF75-78
Prerequisites: 48 credit points in each relevant discipline area
Contact hours: 3 per week Credit points: 12

► CLB330 LOTE CURRICULUM STUDIES 2
Curriculum development within the context of contemporary policies, frameworks and agencies; general principles of measurement, assessment and evaluation; teaching and learning strategies; and issues and directions in curriculum development.

Courses: ED50, ED54, ED55, IF70, IF75-78
Prerequisites: CLB329
Contact hours: 3 per week Credit points: 12

► CLB334 PRIMARY LOTE CURRICULUM STUDIES 1
This unit introduces concepts and skills in LOTE curriculum and methodology and prepares appropriately qualified students to teach LOTE to young students in German, Indonesian or Japanese in the upper primary school.
## UNIT SYNOPSES

### Courses: ED50, ED51, ED56, IF82, IF84
**Prerequisites:** Six language units or equivalent  
**Contact hours:** 3 per week  
**Credit points:** 12  
**Incompatible with:** CLB440, CLB450  
**CLB339 ADULT LITERACY AND SECOND LANGUAGE LEARNERS**  
This unit is designed to help participants develop a range of teaching strategies and classroom activities to promote English language learning in second language learners. Participants will:  
- Explore theories of second language acquisition and learning strategies.  
- Engage with classroom activities and teaching strategies for second language learners.  
- Reflect on their own teaching and learning experiences.  
**Contact hours:** 3 per week  
**Credit points:** 12  
**CLB351 TEACHING METHODOLOGY FOR ENGLISH AS A FOREIGN LANGUAGE**  
This unit is designed to help participants develop a range of teaching strategies and classroom activities to promote English language learning in second language learners. Participants will:  
- Explore theories of second language acquisition and learning strategies.  
- Engage with classroom activities and teaching strategies for second language learners.  
- Reflect on their own teaching and learning experiences.  
**Contact hours:** 3 per week  
**Credit points:** 12  
**CLB352 TEACHING METHODOLOGY FOR ENGLISH AS A FOREIGN LANGUAGE**  
This unit is designed to help participants develop a range of teaching strategies and classroom activities to promote English language learning in second language learners. Participants will:  
- Explore theories of second language acquisition and learning strategies.  
- Engage with classroom activities and teaching strategies for second language learners.  
- Reflect on their own teaching and learning experiences.  
**Contact hours:** 3 per week  
**Credit points:** 12  
**CLB334 LANGUAGE, TECHNOLOGY AND EDUCATION**  
Foundation unit concerned with language, literacy and various technologies in educational contexts. The unit provides an understanding of the nature and technological literacies as social activities are explored. Educational implications of the interconnections between technology, literacy, language and power are applied to educational settings. The use of language and technology are introduced. The unit is offered by the Schools of Cultural and Language Studies in Education and Mathematics, Science and Technology Education.  
**Courses:** ED55  
**Contact hours:** 3 per week  
**Credit points:** 12  
**CLB346 CASE STUDIES IN ADULT AND FAMILY LITERACY**  
Principles and practices of assisting adults who have less than adequate literacy knowledge and abilities; assisting literacy development of family members; development and use of practical and effective teaching resources and strategies; development, maintenance and reporting of case histories in adult and family literacy.  
**Courses:** ED50, ED51, ED52, ED54, ED55, ED43, IF70-79  
**Contact hours:** 3 per week  
**Credit points:** 12  
**CLB347 TEACHING ENGLISH AS AN ADDITIONAL LANGUAGE**  
This elective unit for students in all teaching specialisations will develop understanding of specific language and learning needs of students for whom English is a second language. The unit involves a critical survey of the literacies of students with differences in first and second language development, professional implications of sign systems for teaching and learning, and practical strategies related to second language learners, and issues in analysis, assessment and cross-cultural communication. Participants will also investigate language demand of their own area of specialisation and develop appropriate teaching techniques and resources.  
**Courses:** ED43, ED50, ED51, ED52, ED54, ED55, IF70-79  
**Contact hours:** 3 per week  
**Credit points:** 12  
**CLB349 LANGUAGE AND LITERACY CURRICULUM 2**  
This is the second language and literacy curriculum unit for Primary BEd students, and is organised into two modules. The first focuses on planning for critical literacy practices in Years 1-7 classrooms, with emphases on texts in the print and electronic environments, their purposes and audiences, and on critique. The second module explores ESL teaching and learning within the context of a multicultural society.  
**Courses:** ED51  
**Prerequisites:** CLB348  
**Contact hours:** 3 per week  
**Credit points:** 12  
**Incompatible with:** CLB007  
**CLB350 ENGLISH FOR TEACHERS**  
This unit is designed to help non-native English speaking primary teachers to develop skills in English which will enable them to undertake their teaching and professional roles effectively whilst in Australia and once they are teaching in the English as a Foreign Language (EFL) context.  
**Courses:** ED05, ED26, ED43, ED52, ED61, ED47  
**Credit points:** 12  
**CLB351 TEACHING METHODOLOGY FOR ENGLISH AS A FOREIGN LANGUAGE**  
This unit is designed to help participants develop a range of teaching strategies and classroom activities to promote English language learning in second language learners. Participants will:  
- Explore theories of second language acquisition and learning strategies.  
- Engage with classroom activities and teaching strategies for second language learners.  
- Reflect on their own teaching and learning experiences.  
**Contact hours:** 3 per week  
**Credit points:** 12  
**CLB352 TEACHING METHODOLOGY FOR ENGLISH AS A FOREIGN LANGUAGE**  
This unit is designed to help participants develop a range of teaching strategies and classroom activities to promote English language learning in second language learners. Participants will:  
- Explore theories of second language acquisition and learning strategies.  
- Engage with classroom activities and teaching strategies for second language learners.  
- Reflect on their own teaching and learning experiences.  
**Contact hours:** 3 per week  
**Credit points:** 12  
**CLB353 MATERIALS AND CURRICULUM DEVELOPMENT FOR ENGLISH AS A FOREIGN LANGUAGE**  
This unit helps participants to gain understandings and skills that will enable them to maximise learning opportunities for young learners through the principled use of class textbooks and EFL classroom materials. This will involve developing skills in designing tasks and activities, and for planning for short term and long term English language learning.  
**Courses:** ED05, ED26, ED43, ED52, ED61  
**Prerequisites:** CLB351  
**Contact hours:** 3 per week  
**Credit points:** 12  
**CLB354 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 and learning strategies designed to promote a range of learning experiences in selected curriculum areas.  
**Courses:** ED50, ED54, ED55, IF79, IF72  
**Prerequisites:** CLB359  
**Contact hours:** 3 per week  
**Credit points:** 12  
**CLB355 ACCOUNTING/BUSINESS MANAGEMENT CURRICULUM STUDIES 2**  
Continuation of CLB354. Curriculum development within the context of contemporary politics, frameworks and agencies; general principles of measurement, assessment and evaluation; teaching and learning strategies; and issues and directions in curriculum development.  
**Courses:** ED50, ED54, ED55, IF70, IF75, IF76, IF77, IF78, IF79  
**Prerequisites:** 48 contact points in each relevant discipline area  
**Credit points:** 12  
**CLB360 ECONOMICS CURRICULUM STUDIES 2**  
Continuation of CLB359. Curriculum development within the context of contemporary politics, frameworks and agencies; general principles of measurement, assessment and evaluation; teaching and learning strategies; and issues and directions in curriculum development.  
**Courses:** ED50, ED54, ED55, IF70, IF75, IF76, IF77, IF78, IF79  
**Prerequisites:** CLB359  
**Contact hours:** 3 per week  
**Credit points:** 12  
**CLB361 GEOGRAPHY CURRICULUM STUDIES 1**  
The nature of the curriculum area/discipline and its role and contribution as a medium for education; introduction to relevant syllabuses and curriculum documents.  
**Courses:** ED50, ED54, ED55, IF70, IF75, IF76, IF77, IF78, IF79  
**Prerequisites:** 48 contact points in each relevant discipline area  
**Credit points:** 12  
**CLB362 GEOGRAPHY CURRICULUM STUDIES 2**  
Continuation of CLB361. Curriculum development within the context of contemporary politics, frameworks and agencies; general principles of measurement, assessment and evaluation; teaching and learning strategies; and issues and directions in curriculum development.  
**Courses:** ED50, ED54, ED55, IF70, IF75, IF76, IF77, IF78, IF79  
**Prerequisites:** CLB361  
**Contact hours:** 3 per week  
**Credit points:** 12  
**CLB363 HISTORY CURRICULUM STUDIES 1**  
The nature of the curriculum area/discipline and its role and contribution as a medium for education; introduction to relevant syllabuses and curriculum documents.  
**Courses:** ED50, ED54, ED55, IF70, IF75, IF76, IF77, IF78, IF79  
**Prerequisites:** CLB361  
**Contact hours:** 3 per week  
**Credit points:** 12  
**CLB364 HISTORY CURRICULUM STUDIES 2**  
Continuation of CLB363. Curriculum development within the context of contemporary politics, frameworks and agencies; general principles of measurement, assessment and evaluation; teaching and learning strategies; and issues and directions in curriculum development.  
**Courses:** ED50, ED54, ED55, IF70, IF75, IF76, IF77, IF78, IF79  
**Prerequisites:** CLB361  
**Contact hours:** 3 per week  
**Credit points:** 12
UNIT SYNOPSIS

**CLB365 LEGAL STUDIES CURRICULUM STUDIES 1**

Designed to enhance the knowledge and skills of the student discipline and its role and contribution as a medium for education; introduction to relevant syllabuses and curriculum documents; legal and impact of various curricular issues; frameworks and agencies; advanced teaching strategies; general principles of measurement, assessment and evaluation; teaching and learning strategies; and issues and directions in curriculum development.

Courses: ED50, ED54, ED55, IF79

Prerequisites: 48 credit points in each relevant discipline area

Contact hours: 3 per week Credit points: 12

**CLB366 LEGAL STUDIES CURRICULUM STUDIES 2**

Continuation of PRB365. Curriculum development within the context of contemporary policies, frameworks and agencies; advanced teaching strategies; general principles of measurement, assessment and evaluation; teaching and learning strategies; and issues and directions in curriculum development.

Courses: ED50, ED54, ED55, IF70, IF79

Prerequisites: 48 credit points in each relevant discipline area

Contact hours: 3 per week Credit points: 12

**CLB367 SOCIAL SCIENCE CURRICULUM STUDIES 1**

An interdisciplinary social science approach to curriculum area and its role in curriculum and its role and contribution as a medium for education; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning academic; assessment and evaluation; teaching and learning strategies; and issues and directions in curriculum development.

Courses: ED50, ED54, ED55, IF70, IF79

Prerequisites: 48 credit points in each relevant discipline area

Contact hours: 3 per week Credit points: 12

**CLB368 SOCIAL SCIENCE CURRICULUM STUDIES 2**

Curriculum development within the context of contemporary policies, frameworks and agencies; assessment planning; assessment and evaluation; teaching and learning strategies; and issues and directions in curriculum development.

Courses: ED50, ED54, ED55, IF70, IF79

Prerequisites: CLB367

Contact hours: 3 per week Credit points: 12

**CLB371 KNOWING YOUR ENVIRONMENT: FROM GLOBAL ISSUES TO LOCAL ACTION**

An interdisciplinary social science approach to curriculum area and its role in curriculum and its role and contribution as a medium for education; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning academic; assessment and evaluation; teaching and learning strategies; and issues and directions in curriculum development.

Courses: ED50, ED54, ED55, IF70, IF79

Prerequisites: 48 credit points in each relevant discipline area

Contact hours: 3 per week Credit points: 12

**CLB372 SUSTAINABLE CONSUMPTION: FROM COCA-COLA TO THE COMMUNITY CO-OP**

Designed to enhance the knowledge and skills of the student discipline and its role in curriculum and its role and contribution as a medium for education; introduction to relevant syllabuses and curriculum documents; legal and impact of various curricular issues; 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: ED52, ED51, ED43

Contact hours: 3 per week Credit points: 12

**CLB373 ENVIRONMENTAL FUTURES AUSTRALIA AND THE ASIA PACIFIC**

Provides a futures approach in the study of the region, including 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; world economic trends; market and social change. Consequently, students are encouraged to develop approaches to curriculum, assessment and evaluation; teaching and learning strategies; and issues and directions in curriculum development.

Courses: ED26, ED50, ED51, ED52, ED53, ED54, IF70, IF79

Contact hours: 3 per week Credit points: 12

**CLB403 GENDER AND SEXUALITY ISSUES FOR TEACHERS**

Gender and sexualities in cultural and social contexts: an overview of key gender relations; theoretical frameworks for gender and current debates in Australia about gender and equality; feminism and masculinity as social constructs; sexuality and the body; violence and gender; debates about boys' behaviour and performance in Australian schools.

Courses: ED26, ED50, ED51, ED52, ED53, ED54, IF70, IF79

Contact hours: 3 per week Credit points: 12

**CLB411 INTRODUCTION TO PRODUCTION PRACTICE IN FILM AND MEDIA CURRICULUM**

The relevance of media studies across the curriculum is reflected in the diverse range of national and state curricula. The unit aims to equip teachers with the skills they require to teach this complex subject area in a meaningful way. It is designed for the student who is principally based) and builds on previous discipline units, which are more industry based. The unit also relates directly to the curricular competencies required for the P-12 teacher education program.

Courses: ED50, ED55, IF70-79

Prerequisites: CLB327, CLB328

Contact hours: 3 per week Credit points: 12

**CLB412 ADVANCED STUDIES IN ENGLISH ESL CURRICULUM**

Focuses on more deeply selected issues related to the teaching of English and English as a Second Language in the secondary school. Topics will include: literature and popular culture in the classroom; materials development for non-native speakers of English; language, multiculturalism and ideology; school to work transition programs; contemporary issues in language education, linguistics and cultural studies.

Courses: ED50, ED55, IF70-79

Prerequisites: CLB325, CLB326

Contact hours: 3 per week Credit points: 12

**CLB413 PROGRAMMING AND ASSESSMENT IN LANGUAGE AND MATHEMATICS**

The unit consists of two core components: a lecture sequence which provides generic information on State and National initiatives and practices in assessment and integration of both language and mathematics; and, a practical component in which students will plan for unit development, assessment and intervention in both language and mathematics.

Courses: ED18, ED51, ED56, IF82, IF84

Prerequisites: Language and Mathematics Curriculum Sequences or equivalent

Contact hours: 3 per week Credit points: 12

**CLB440 TRENDS IN THE TEACHING OF WRITING**

An investigation of the teaching 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 knowledge of writing, an understanding of current approaches to teaching writing, and writing programs for their classrooms.

Courses: ED26, ED50, ED52, ED53

Contact hours: 3 per week Credit points: 12

**CLB441 CHILDREN'S LITERATURE**

Provides students with the opportunity to extend their knowledge of children's literature written by both Australian and overseas writers; examines traditional and emerging genres; develops critical reading and research skills; explores the uses of literature and resources for literacy development.

Courses: ED26, ED51, ED52, ED53, ED43, ED91, ED82
UNIT SYNOPSIS

Contact hours: 3 per week  Credit points: 12

► CLB443 TRENDS IN THE TEACHING OF LOTE

Provides students with the opportunity to extend their understanding of the teaching process; examines current views about teaching in order to identify and explore the implications of the changes for classroom practice are drawn; identifies factors which influence teachers and texts; the roles these play in the understanding of the meanings made; develops learning situations based on these understandings.

Courses: ED26, ED50, ED53, ED55, IF70-79

Contact hours: 3 per week  Credit points: 12

► CLB446 UNDERSTANDING TEXTS AND WRITING

Over the past twenty years, linguistic studies have increasingly informed the development of language curriculum, the assessment of language, and the processes of language and literacy learning in schools. Over the same time the need for teachers to have systematic knowledge of language and how it has been recognised. In much of Australia this systematic approach to describing language comes principally from the systemic functional school of linguistics. This unit provides an organised, contextualised introduction to the field through work shop sessions involving the writing and reading of a range of genres. In this unit, students will learn to read, write and interpret texts, their purposes and the language resources employed by writers.

Courses: ED50, ED90, ED51, ED52, ED43

Contact hours: 3 per week  Credit points: 12

Campus: BRISB

► CLB447 ENGLISH AS A SECOND LANGUAGE CURRICULUM STUDIES 1

Introduction to the design and development of curriculum, materials and resources to meet the specific and general needs of learners who are non-native English speakers and who require high-level language proficiency levels for study purposes.

Courses: ED19, ED50, ED55

Contact hours: 3 per week  Credit points: 12

► CLB448 ENGLISH AS A SECOND LANGUAGE CURRICULUM STUDIES 2

Continuation of CLB447 showing students how curriculum materials and resources are implemented through appropriate approaches, methods and strategies for individual students, groups or whole classes of learners who are non-native speakers of English.

Courses: ED19, ED50, ED55

Contact hours: 3 per week  Credit points: 12

► CLB449 PRIMARY LOTE CURRICULUM STUDIES 1

Curriculum and practice in LOTE teaching/learning in the primary school with particular emphasis on the intellectual, physical, emotional and social needs of young learners. The unit provides a set of tools for teaching approaches drawn from general educational theory together with an understanding of second language acquisition.

Courses: ED13

Prerequisites: 48 credit points in each relevant discipline area

Contact hours: 3 per week  Credit points: 12

► CLB450 PRIMARY LOTE CURRICULUM STUDIES 2

Continuation of CLB449. Content, processes and materials appropriate to the planning and implementation of LOTE programs in the primary school which integrate culture and language, articulate with the rest of the primary curriculum and address the needs of students of more than one language background, and aware of, languages and cultures other than their own.

Courses: ED55

Prerequisites: CLB449

Contact hours: 3 per week  Credit points: 12

Incompatible with: CLB334

► CLB451 STORYTELLING: CULTURAL PERSPECTIVES

Provides students with the opportunity to develop confidence in their ability to tell stories; explores a wide range of oral and traditional story genres; investigates cultures and their stories; promotes understanding of the role language plays in using the curriculum.

Courses: ED51, ED52, ED43, ED26

Contact hours: 3 per week  Credit points: 12

► CLB452 MEDIA LITERACY AND THE SCHOOL CURRICULUM

The unit aims to equip future teachers with an understanding of media literacy which they can apply to support professional growth in education, in addition to incorporating the concepts in an educational environment. Aspects of media techniques and practices, relationships between culture and meaning; narrating an audience, and concepts of agents and industry will be explored.

Courses: ED51, ED52

Contact hours: 3 per week  Credit points: 12

Incompatible with: LAP513

► CLB453 NEW LITERACIES AND TECHNOLOGIES ACROSS THE CURRICULUM

This unit provides students who have successfully completed CLB341 Language, Technology and Education the opportunity to further develop across-the-curriculum approaches to new technologies and literacies in education. Students will undertake negotiated school-based projects where they develop and employ new technologies and literacies in actual classroom contexts.

Courses: ED50, ED55, IF70-79

Prerequisites: CLB341  Credit points: 12

► CLB454 LANGUAGE AND LITERACY CURRICULUM

Following an introduction which points out how particular language and literacy theories underpin curriculum in Years 1-7 classrooms, the unit is constructed in three modules. The first explores planning for teaching reading, spelling and writing. The second module engages with a genre approach to reading and writing. The third module concerns learning for a critical approach to literacy education.

Courses: ED26, ED56, IF82, IF84

Contact hours: 3 per week  Credit points: 12

► CLN602 DISRUPTING TECHNOLOGIES: INFORMATION & KNOWLEDGE IN THE DIGITAL AGE

Cyber-learning occurs in digitally navigable environments which shape and are shaped by a variety of discourses: social, cultural, political, institutional, technological and economic. Current pedagogical issues and evolving epistemologies pertaining to information creation and knowledge construction need to be addressed by educators and other learners who will participate in the cyber learning of their profession and personal lives. As the Foundation Unit for the Learning Futures Area of Interest, Cyber-learning: Information and Knowledge in the Digital Age addresses the essential elements for understanding potential new pedagogical practices and epistemologies which will inevitably be shaped by the changing nature of communication technologies.

Courses: ED13

Contact hours: 3 per week  Credit points: 12

► CLN603 DESIGNING SPACES FOR LEARNING

New information and communications technologies have altered understandings of time and space for learning and teaching. However, many educators are engaged with learners in traditional physical spaces newly occupied by a variety of technologies and are required to negotiate changing ways of thinking about educational practices and professional development. This unit provides an opportunity for learning through teaching in both geographic and virtual spaces. This unit provides an essential foundation for understanding the complex relationships between space, place and learning pedagogies appropriate for future-oriented educational contexts, and recognises the role of the educator in the design of learning spaces.

Courses: ED13

Campus: EXT

► CLN604 GLOBALISATION AND EDUCATIONAL CHANGE

Globalisation requires greater engagement by education institutions with issues of cultural complexity and difference. It demands proactive and progressive mediations between local, national and global forces to build new forms of citizenship. This unit will lay foundations for teachers to engage in new forms of education for global citizenship. The unit provides theoretical understandings of the key debates surrounding globalisation. It examines globalisation’s impact on National youth relations, on personal, national and local societies, on the environment and education. It develops an understanding of the challenges presented by globalisation for education in the traditional context of building citizenship.

Courses: ED13

Contact hours: 3 per week  Credit points: 12

► CLN605 INTERCULTURAL PEDAGOGIES: COMPARATIVE PERSPECTIVES

As part of their transition from being nationalised institutions engaged with a more interconnected world, schools and universities need to prepare students to live and work in a more interdependent world. This unit prepares educators for engaging with diversity in the curriculum, school or wider educational setting. Using a comparative and transliteracy approach, this unit discusses major issues that affect school curriculum, and the nature of policy initiatives designed to resolve them.

Courses: ED13

Contact hours: 3 per week  Credit points: 12

Campus: KG

► CLN608 SECOND LANGUAGE ACQUISITION

Research into second language acquisition is providing new insights into research into second language acquisition and the roles of new information and instructional strategies. This unit examines the importance of the role of learning in the classroom, the nature of second language acquisition, and explores pedagogical implications and the role of research and theories to the enhancement of second language acquisition and learning.

Courses: ED14, ED11, ED77

Contact hours: 3 per week  Credit points: 12

► CLN609 LANGUAGE, LITERACIES AND LEARNING

Provides an understanding of the historical, theoretical, conceptual and research bases of program development and classroom instruction in English language and literacy.

Courses: ED11, ED13

Credit points: 12

► CLN612 PRINCIPLES OF SECOND LANGUAGE METHODOLOGY

The range of approaches to second language learning and the theories of language and learning which underpin them. Theories of language and learning and their implications for TESOL; the social context of learning and its impact on theoretical and pedagogical approaches and methods in TESOL; the roles of teachers and learners in the TESOL classroom.

Courses: ED14, ED77

Contact hours: 3 per week  Credit points: 12

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► CLN613 SECOND LANGUAGE CURRICULUM DESIGN OPTIONS
This unit explores the influence of teachers in the development of language programs. Includes analysis of the following issues: learner profiles and needs, curriculum and pedagogies, processes and criteria for selecting methodology; content selection and sequencing; choice and evaluation of materials and resources.

Courses: ED14, ED77
Contact hours: 3 per week Credit points: 12
► CLN614 RESEARCH METHODS AND SECOND LANGUAGE EDUCATION
Investigates research methods and techniques which are used by classroom teachers and language educators to undertake small and large scale research projects and to report research findings in journals and other publications.

Courses: ED14, ED77
Contact hours: 3 per week Credit points: 12
► CLN615 DIRECTED READING IN SECOND LANGUAGE EDUCATION
Provides an opportunity for teachers and others involved in TESOL to review current research articles to gain an overview of developments in TESOL/Applied Linguistics and to explore one or two personal interest areas in greater depth.

Courses: Contact Prerequisites: N618
Contact hours: 3 per week Credit points: 12
► CLN616 LANGUAGE ASSESSMENT AND PROGRAM EVALUATION IN SECOND LANGUAGE EDUCATION
Theories and practices in program evaluation, language testing and proficiency assessment. It examines and evaluates standardised tests and instruments which are used to assess the English language proficiency of speakers for whom English is a second language.

Courses: ED14, ED77
Contact hours: 3 per week Credit points: 12
► CLN617 PERSONALISED LANGUAGE DEVELOPMENT
Language teaching is a lifelong task. This unit allows teachers to take a program of language development aimed at improving their level of proficiency and enhancing their cultural awareness. Students wishing to take this unit should discuss options with the coordinator.

Courses: ED14, ED77
Contact hours: 3 per week Credit points: 12
► CLN618 TECHNOLOGY AND SECOND LANGUAGE LEARNING
The twentieth century saw a rapid change in the teaching of second language teaching. An exploration of the creative teaching potential of this technology in areas such as computer-enhanced instruction (CEI), 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 resources of electronic communication such as email, list servers and bulletin boards.

Courses: ED14, ED77
Contact hours: 3 per week Credit points: 12
► CLN619 FUNCTIONAL GRAMMAR AND DISCOURSE
When we use language to enact our everyday lives, to teach and to learn, we use discourse to do so. Through this unit, students develop both the knowledge and the tools to analyse how discourse, and thus discourse texts, make meaning linguistically. Students will analyse and discuss how meaning is constructed through interacting sociocultural 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, narrative and aspects of level meaning, and of nominal, verbal and prepositional groups in group level meaning. Significant linguistic features of spoken and written language are identified and discussed.

Courses: ED14, ED77
Contact hours: 3 per week Credit points: 12
► CLN620 LANGUAGE AND CULTURE
Examines the relationship between language and culture drawing on insights from linguistics, sociolinguistics and cultural theory. It analyses

the co-constitutive nature of language and culture, and examines how this relationship can be explored in the classroom context.

Courses: ED14, ED77
Contact hours: 3 per week Credit points: 12
► CLN625 NEW LITERACIES AND TECHNOLOGY
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 media and technologies for particular educational settings and learners.

Courses: ED13, ED11
Credit points: 12
► CLN626 PRIMARY LANGUAGE AND LITERACY CURRICULUM
The unit is constructed of three modules: skilling students for literate acts; teaching/learning through a genre and critical approach; and catering for different learners in the language and literacy program. The unit approaches the teaching-learning cycle through a problem-solving approach to common practices and scenarios typical of classrooms which include a range of learners including ESL students and those who have different learning styles and abilities.

Courses: ED18
Contact hours: 3 per week Credit points: 12
► CLN631 POLICIES AND PRACTICES FOR INCLUSIVE EDUCATION
Examines the relationships between, 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, demand-and constant negotiation and requiring profound changes in the culture of schools. The social justice and equity considerations in policy and practice are a major focus of curriculum which for a supportive, whole school approach.

Courses: ED13, ED11
Credit points: 12
► CLN632 YOUTH FOCUSED BEHAVIOUR MANAGEMENT AND SCHOOLS
Examines the social and contextual causes and consequences of young people’s behaviour in schools, and how this translates into student needs; aims and objectives; processes and criteria for resourcing the curriculum and to prepare educators to cater for the recreational needs and interests of young people.

Courses: ED25, ED61
Contact hours: 3 per week Credit points: 12
► CLP501 SOCIO-CULTURAL ISSUES IN EDUCATION
Examines socio-cultural contexts of schooling, the role of care and special needs industries; the implications of globalised English language teaching.

Courses: ED14, ED77
Contact hours: 3 per week Credit points: 12
► CLP527 LEARNING IN THE INFORMATION AGE
Offers educators a theoretical and practical context for exploring how technology is used in learning. This entails understanding how current societal and institutional changes are redefining the relationship between human and technology in what has been called ‘the information age’. Opportunities for reflective practice on learning about, through, and with technology will be provided.

Courses: ED25, ED61
Credit points: 12
► CLP528 LITERARY AND POPULAR RESOURCES FOR LEARNING
Addresses issues related to resourcing the curriculum and to prepare educators to cater for the recreational needs and interests of young people.

Courses: ED25, ED61
Credit points: 12
Campus: EXT
► CLP529 COMMUNICATION WITHIN AN INFORMATION ENVIRONMENT
Theories and practice of interpersonal communication, management and leadership issues professionals can apply and evaluate in managing information within their own work environment.

Courses: ED25, ED61
Credit points: 12
► CLP530 ACCESSING INFORMATION
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 digital library collection, administrative systems and staff management; study of the literature of the field, and of work practices through experience in at least two sites.
UNIT SYNOPTES

Courses: ED25  Credit points: 12

► CLP352 BIBLIOGRAPHIC
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.

Credit points: 12

► CNB101 CONSTRUCTION
This unit covers the following: Role of construction in society; Application of relevant legislation to building work including the Building Code of Australia; Australian Standards; Construction specifications; Methods of construction and performance principles in timber and masonry construction including foundation and footings; high and low set timber veneer, cavity brick and masonry block; external and internal linings and claddings; Windows, doors and associated joinery; staircases in timber and concrete; Roof covering of clay and concrete tiles; corrugated and thirsty sheeting; Cut and fill; surface and subsurface drainage systems; acoustic and fire safety requirements; Drafting and construction details.

Credit points: 12

Courses: CN51, CN53 Corequisites: CNB102
Contact hours: 5 per week  Credit points: 12

Campus: GP  Semester: 1

► CNB102 BUILDING TECHNOLOGY 1
Structural and non-structural materials used in the construction process are examined focusing on the basic properties, construction applications, behaviour, strength, durability, suitability, and limitations. Material properties; manufacture and processing; acoustic and thermal properties; fire tests and fire hazard properties, issues such as cleaning, maintenance, corrosion protection, deterioration and ageing; Structural elements; Reinforcement; Masonry; Recycling. Storage on site, Installation processes; identification and causes of building defects and recommendations for action.

Credit points: 12

Courses: CN51, CN53 Corequisites: CNB101
Contact hours: 4 per week  Credit points: 12

Campus: GP  Semester: 1

► CN105 LEGAL AND LAND STUDIES
Legal Studies: Structure of the Australian legal system; Land Law: Environmental law; Permits; Building Code of Australia, Housing provisions; Standard Building Regulation 1993. Land Surveying: Levelling & Data Analysis: Trigonometry; geometry; unit conversions, manipulation of formulae); Measurement of various work sections (finishes, roofing, partitions, doors, windows, glassing, hardware, suspended ceilings and masonry).

Credit points: 12

Courses: CN51, CN53

Contact hours: 5 per week  Credit points: 12

Campus: GP  Semester: 2

► CNB1010 MEASUREMENT 1
The introduction of a new program for the discipline of Quantity Surveyor working independently and for contractors; The tendering process and the bill of quantities; The Australian Standard Method of Measurement (rules, taking off methodology, mensuration and formulae); Measurement of various work sections (finishes, roofing, partitions, doors, windows, glassing, hardware, suspended ceilings and masonry).

Credit points: 12

Courses: CN51, CN53

Contact hours: 5 per week  Credit points: 12

Campus: GP  Semester: 2

► CNB120 ECONOMICS IN THE CONSTRUCTION INDUSTRY
This unit covers the following: Introduction to economics; Operations of the whole economy; The price mechanism; Markets and market structures; Law, standard building regulations and contracts; The pricing function and methods. This will be achieved through coverage of the following topics: charac-

ter of the property market; market value; nature and role of stakeholders; legal interests in prop-

erty and property types; valuation process and methods for frehold property interests; data collection; factors influencing market value; report writing and oral presentation; codes of professional practice.

Credit points: 12

Courses: CN54

Corequisites: BSB113

Credit points: 12

Semester: 2

► CNB201 CONSTRUCTION 3
Students learn how to construct a high rise struc-
ture from the basement to the roof. Focus on the public during construction, temporary support; demolition; temporary services; deep excavation and foundations; retention systems; foundations; precast and post-tensioned structural elements; floor/glass roof and curtain walling systems; structural steel; multilevel formwork; interaction of building components, systems and services; common building faults and failures and rectification; all forms of external cladding, water-proofing problems.

Credit points: 12

Courses: CN51, CN53

Corequisites: CNB107

Credit points: 12

Semester: 2
UNIT SYNOPSIS

Contact hours: 5 per week
Credit points: 12
Campus: GP
Semester: 1

CNB203 BUILDING SERVICES
Fire Services: Fire detection, suppression and extinguishment; Statutory requirements for maintenance of essential active fire services; Hydraulics Services: Building hydraulic services including water supply, fire protection and sanitary water systems; Technical aspects of confined spaces; Basis of design and effect of architectural style; Electrical Services: Transformers, sub-stations, switchboards, protection devices, lighting systems, security systems, access, communications systems monitoring and energy management; vertical transportation systems Energy Efficient Services: Examination of energy efficient design.

Courses: CN51, CN53
Contact hours: 3 per week
Credit points: 12
Campus: GP
Semester: 1

CNB204 MEASUREMENT 2
Measurement is a core skill amongst building professionals. This skill is particularly important in relation to the production of quantified documents for the purposes of tendering and estimating. This unit covers the following: Measurement of various work sections (concrete, formwork, reinforcement, groundwork, underpinning, tanking, structural steelwork, exterior elements, and bored piers); Development and application of Building Codes.

Courses: CN51, CN53, Prerequisites: CNB110
Contact hours: 5 per week
Credit points: 12
Campus: GP
Semester: 1

CNB205 PROFESSIONAL LAW 1
Tort Law - Negligence; Professional negligence; Duty of care; Liability; Occupier liabilities; Nuisance; Fraud and conversion; Contract Law Part 1 - Contracts (agreement, intention, consideration, estoppel); Enforcement of contracts (privity, formalities); Contents of contracts (oral statements, express and implied terms); Tendering issues; Variations; Time; Payment and liquidated damages; Environmental law - Constraints; Water noise and dust; Vibration from blasting; Heritage; Erosion and sediment control; Contaminated land; safety; Sustainable development; Waste management and control.

Courses: CN51, CN53
Prerequisites: CNB109, CNB107
Contact hours: 4 per week
Credit points: 12
Campus: GP
Semester: 2

CNB209 THE ENVIRONMENT AND THE QUANTITY SURVEYOR
This unit introduces professional Quantity Surveying including image and status, fees, codes of ethics, professional competence and continuing professional development. In terms of employment, professional engagement in the workplace will be covered including terms of engagement, professional indemnity insurance, quality assurance and financial asset management. The work of quantity surveying takes place within a social and environmental context and this relates to business and environmental interests including the natural environment, environment economics and ecologically sustainable development.

Courses: CN53
Contact hours: 3 per week
Credit points: 12
Campus: GP
Semester: 1

CNB227 APPLIED COMPUTING
This unit assists the construction manager to select and use the relevant construction software to measure, estimate, manage, plan, schedule and organise on and off site activities on a construction site. This unit comprises three major components: (a) the advanced application of spreadsheet and database software to property investment, management packages and (c) the integration of computer software. A range of computer products will be introduced to cover construction management, project scheduling, project control, estimation, and cost monitoring.

Courses: CN52, CN53
Contact hours: 4 per week
Incompatible with: CNB304
Campus: GP
Semester: 2

CNB228 CONSTRUCTION BUSINESS ADMINISTRATION
Construction Administration: Structuring the budget documents to provide control mechanisms or cost monitoring and purchasing; Dealing with sub-contractors, developers and their contracts, the issues of payment and disbursements; and the subsequent execution of the contract on a conceptual and operational level; Dealing with the Client on variations in the physical work and the consequences on time are developed in both commercial and contractual terms, with the implications traced through to the sub-contract level. Techniques for the prediction of profitability and the procedures for claiming final payment and finalising the contract. Examination of the Owners, Contractors, Quantity Surveyors, Safety and Health: A study of the Workplace Health and Safety Act, Regulations and Codes of Practice.

Credit points: 12
Campus: GP
Semester: 2

CNB290 BUILDING STUDIES 2
Building Studies 2 continues to develop the students' construction knowledge with reference to larger commercial and high-rise buildings. Lectures provide a general overview of advanced construction methods while developing students' appreciation of such issues as material finishes, interior fit-outs, typical problems and solutions and interior and exterior component finishes, and fault identification and remedy. The unit examines the history and need for cost control, comparisons between cost planning and approximate estimating. Many cost control systems. Effect of height, shape and building efficiency upon cost and value. Functional requirements and cost implications of construction methods. Influence of site and market conditions upon evaluation.

Courses: CN51
Contact hours: 2 per week
Credit points: 12
Incompatible with: CNB282
Campus: GP
Semester: 1

CNB291 URBAN ECONOMICS
The unit builds on the student's previous exposure to economic theory and applies that knowledge to assist the student's appreciation of economic imperatives which drive and shape urban development. Topics covered will include: economic processes in spatial and land use development, urban growth theory; competing land use; supply and demand in the pricing of urban property; The concept of the 'rent bid curve'; urban location theory; the role of land based communications corridors on price; technology and footloose location theory; planning and environment control on free market pricing; environmental and heritage issues; and local government regulation and by-laws.

Credit points: 12
Campus: GP
Semester: 1

CNB292 PROPERTY INVESTMENT VALUATION
This unit develops further the basic property valuation principles introduced in CNB194 Principles in Property Valuation. The emphasis relates to the valuation of income producing property assets which are more commonly termed 'investment properties'. Topics covered include the mathematics of freehold and leasehold property valuation utilising the time value of money formula as exhibited in the capitalisation of net income and discounted cash flow approaches.

Courses: CN54
Prerequisites: CNB194
Credit points: 12
Campus: GP
Semester: 1

CNB293 REAL ESTATE ACCOUNTING AND TAXATION
Introduction to business environment surrounding real estate activities and the accounting of income producing properties. Financial Accounting (recording accounting information and basic financial statements, company accounts and other business structures); taxation (interpretation of accounts). Cost and management accounting (accounting for inventory and manufacturing, basic cost accounting procedures and direct and indirect costs). Financial Management (accounting systems, cash control and payroll). Accounting for Real Estate trust accounts. Taxation (interpretation of income and capital gains tax and the GST deductions and allowance, gearing negative gearing, depreciation and build amortisation). 

Courses: CN54
Credit points: 12
Campus: GP
Semester: 1

CNB294 REAL ESTATE AGENCY AND MARKETING
The focus of this module will be to provide the students with a good grounding in Real Estate Agency Practice and Marketing as it applies to the diverse real estate property types of commercial Industrial Retail and residential. At the completion to the unit, students will have a good grounding in Real Estate Agency Management and Practice Methodologies, contemporary Real Estate Marketing Theory and Practice. They will also be made to understand the impacts including: Property Agents and Motor Dealers Act, Trade Practices Legislation, Retail Shop Leases Act and Common law.

Courses: CN54
Prerequisites: CNB191
Credit points: 12
Campus: GP
Semester: 2

CNB295 PLANNING THEORY AND PROCESS
Development of land use in most western democracies is a controlled and regulated activity. This unit examines the history and morphology of planning control in the Queensland context and its impact on property markets. Topics covered will include: planning for industry; introduction to the fundamental principles of urban planning control and regulation in Queensland; statutory planning process and current Queensland legislation; urban regional planning on matters of equity and social responsibility; types of planning controls; current development planning approval and appellate processes; conservation, protection and impact on development, land use rights and economic value. Concepts and impact of regional planning.

Courses: CN54
Prerequisites: CNB281
Credit points: 12
Campus: GP
Semester: 2

CNB296 CONTEMPORARY ISSUES
UNIT SYNOPSES

Courses: CN51, CN53
Contact hours: 3 per week
Credit points: 12
Campus: GP
Semester: 2
► CNB302 CONTRACT ADMINISTRATION
Administration of standard form contracts used by the building industry; Special conditions of contract; Contract addenda; Financial management of contracts from formation to discharge; Construction procurement and evaluation systems; Tender code; Construction insurance; Sub-contractors and nominated sub-contractors; Adjustment of provisional sums; Variations; Correction of bill errors; Interim claims and construction payment; Forms of security; Bank guarantees and retention; Counting of days; Delays; Extensions of time; Liquidated and ascertained damages; Negotiation costs; Dispute clauses; Practical completion; Completion; Defects liability; Warranties; Collateral warranties.

Courses: CN51, CN53
Contact hours: 3 per week
Credit points: 12
Campus: GP
Semester: 1
► CNB303 CONSTRUCTION BUSINESS ACCOUNTING
Contents: Introduction to accounting; Financial accounting (recording accounting information and basic financial statements, company accounts, interpretation of accounts); Cost and management accounting (basic cost accounting procedures, direct and indirect costs, fixed and variable cost analysis and budgetary control); Fiscal management (Taxation, payrolls, cost of capital, managing working capital, and financing); Use of accounting/financial management software.

Courses: CN51, CN53
Contact hours: 4 per week
Credit points: 12
Campus: GP
Semester: 1
► CNB305 CONTRACT ESTIMATING
Estimating techniques to quantify cost; Fundamental elements of cost and methods of evaluating labour, materials and equipment to realistic level; Unit rate approach to assessing the base estimate for major trades; Assessment of offers from sub-contractors and implications connected to budgeting; Finalising and ethical responsibilities; Functional estimating; Estimating techniques to quantify cost; Interrelationship between construction industry and economic environment to enable students to gain knowledge in virtual environments; Value engineering; Cost planning and control; Risk management in cost planning and control.

Courses: CN51, CN53
Contact hours: 3 per week
Credit points: 12
Campus: GP
Semester: 2
► CNB307 BUILDING ECONOMICS AND COST MANAGEMENT
Interrelationship between construction industry and economic environment; Principles of cost management (design and construction cost planning and cost control); Nature and purpose of cost planning; Cost control system; Cost estimating (historical accounting) and anticipate (forecast final cost / value); Design economics, cost and value concepts, cost information systems, cost management and control systems, cost index, cost data, cost implications of design variables; Life cycle costing and modelling including design knowledge in virtual environments; Valuation of land and buildings; Management, including energy efficiency in buildings, and value alignment process for pro project delivery; Asset management and building maintenance; Risk management in cost planning and control.

Courses: CN51, CN53
Contact hours: 3 per week
Credit points: 12
Campus: GP
Semester: 2
► CNB308 PROFESSIONAL PRACTICE
The aim of this unit is to help you understand the characteristics of a Construction Manager in a project environment. Students advance to decisions related to the overall management of a building company using the computer simulation Arousal in the areas of staffing, tendering and tactical positioning; Character of managing construction; Significance of bidding strategies; Evaluation of projects - breakeven analysis; Goals/specific goals; Project status (progress / profit); Corporate entity analysis; Comparison of form bidding with other procurement methods; Estimating Fee bidding, Overheads, Tenders, Profit and Risk, Project concepts, Proposals, Commercial strategies.

Courses: CN51, CN53, Prerequisites: CNB207
Contact hours: 4 per week
Credit points: 12
Campus: GP
Semester: 2
► CNB308 PROFESSIONAL STUDIES 3
The aim of this unit is to help you understand the role of a Construction Manager in a project environment. Students advance to decisions related to the overall management of a building company using the computer simulation Arousal in the areas of staffing, tendering and tactical positioning; Character of managing construction; Significance of bidding strategies; Evaluation of projects - breakeven analysis; Goals/specific goals; Project status (progress / profit); Corporate entity analysis; Comparison of form bidding with other procurement methods; Estimating Fee bidding, Overheads, Tenders, Profit and Risk, Project concepts, Proposals, Commercial strategies.

Courses: CN51, CN53
Prerequisites: CNB206, CNB101, CNB105, CNB107, CNB201
Contact hours: 3 per week
Credit points: 12
Campus: GP
Semester: 2
► CNB310 MEASUREMENT 3
Measurement is a core skill amongst building professionals. This skill is particularly important in relation to the production of quantified documents for the purposes of tendering and estimating. This unit covers measurement of building services (hydraulics, drainage, electrical and mechanical works).

Courses: CN53
Prerequisites: CNB204
Contact hours: 5 per week
Credit points: 12
Campus: GP
Semester: 2
► CNB335 TIME MANAGEMENT
Controlling time and resources is an essential task in construction project management. Students in this unit will develop a deep understanding and skills in time management. This unit covers the following: Project time and resource planning; critical path systems such as bar charts, critical path networks (precedence, timescales, and activity on arrows); Line of balance; Resource allocation and costing; Schedule updates; Delays and program control; Delay and progress claims analysis. Applications of computer-based project planning software will form an important part of the study in this unit.

Courses: CN51, CN53
Contact hours: 4 per week
Credit points: 12
Campus: GP
Semester: 1, 3
► CNB336 CONSTRUCTION BUSINESS MANAGEMENT
This unit involves an examination into a range of management principles and practices and issues as they relate to the construction industry. Specific topics to be examined include: Understanding and preparing for business plans; Organisational and operational efficiency and attitudes; Personnel and professional business ethics; Motivation and employee performance; Stress; Managing stress, conflict, power and politics; Communication; Group functions; Decision making processes. Further, this unit examines into industrial relations issues, the management of change and quality in the construction industry; The role of unions; Labour management; Workplace reform and workplace agreements.

Courses: CN51
Credit points: 12
Campus: GP
Semester: 2
► CNB390 PROFESSIONAL PRACTICE
Professional experience forms an integral part of the property course. This unit seeks to provide students with a full supervised University approved work experience placement of 60 days, depending on their course of study. The placement is full-time in a professional environment with a manager or professional valuer. This placement is expected to be equivalent to 1080 hours of professional experience. This unit is an integral part of the QUT Bachelor of Property. Students will receive the best quality experience possible.

Courses: CN54
Contact hours: 12
Credit points: 24
Campus: GP
Semester: 1
► CNB391 STATUTORY AND APPLIED VALUATION
Valuers are often called upon to perform valuations of special use properties and for statutory purposes and to represent those valuations as an expert witness. Contents include: Valuations for 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 manner; most court and an introduction to the valuation of special purpose properties and businesses as a going concern.

Courses: CN54
Prerequisites: CNB194, CNB292
Credit points: 12
Campus: GP
Semester: 1
► CNB392 PROPERTY INVESTMENT
Analyses covered will be: the principles and strategies of investment; alternative forms of investment; real estate as an investment medium; the role of the investment process; property ownership structures; initial feasibility analysis; detailed cash flow analysis involving NPV and IRR analysis; the modified internal rate of return (MIRR) approach; sensitivity and probability analysis; market analysis and real estate cycles; institutional property investment; risk analysis and risk management.

Courses: CN54
Prerequisites: CNB194, CNB292
Credit points: 12
Campus: GP
Semester: 2
► CNB393 PROPERTY AND ASSET MANAGEMENT
Property Management provides a detailed insight into all aspects of property management, from residential management progressing to Specialised industrial, commercial and retail centres. It is a requirement for all property management and incorporates units of competency standards ASF 16, 17, 18, 19.

Courses: CN54
Prerequisites: CNB191, CNB192, CNB194, CNB290, CNB292, CNB293
Credit points: 12
Campus: GP
Semester: 2
► CNB394 PROPERTY DEVELOPMENT
Data will be provided on the Australian urban economic environment to enable students to gain knowledge of the various development sectors.
UNIT SYNOPSIS

Students will be exposed to various planning, building, legal, financial and environmental acts and conditions. Knowledge gained will be applied to a range of case studies across various development sectors.

CONCERN CN54 Prerequisites: CNB292 Corequisites: CNB392 Credit points: 12 Campus: GP Semester: 2
► CNB395 RESEARCH METHODS

This unit provides the opportunity to develop an understanding of research skills, techniques and methodologies appropriate for the completion of a full research proposal or for advanced level database skills. To facilitate this, topics covered include research and retrieval skills; research methodologies and statistics. Students will be introduced to research design and data collection and analysis; presentation and dissertation writing.

Courses: CN54 Credit points: 12 Incompatible with: CNB383 Campus: GP Semester: 2
► CNB402 INVESTMENT THEORY

Construction Managers need to understand how property is valued and the different aspects of land which affect the value. This unit includes content on concepts of valuation, types of landed property, income, and ownership costs and capitalisation rates. Students will be introduced with concepts of investment theory including NPV, IRR and MIRR.

Courses: CN51, CN53 Contact hours: 3 per week Credit points: 12 Campus: GP Semester: 1
► CNB408 ADVANCED BUILDING AND CONSTRUCTION

Focus on non-standard buildings and structures in terms of constructability, construction methodology, planning, estimating, scheduling and site organisation. Significance of temporary works and the inherent need for planning and safety. Detailed study of the methods and equipment employed in the construction of earthworks, heavy foundations, steel fabrication and erection, marine and water retaining structures, roadworks and bridges, mechanical erection and electrical structures. The unit concludes with the broader issues of environmental management, construction weather forecasting and the management and social issues of work in remote locations.

Courses: CN51, CN53 Contact hours: 3 per week Credit points: 12 Campus: GP Semester: 2
► CNB409 PROFESSIONAL PRACTICE 1

Professional experience forms an integral part of the academic programme, allowing the students the opportunity to put into practice accumulated theoretical and specific practical work. The aim of this unit is to facilitate students gaining relevant professional experience and varied management knowledge and skills whilst in approved employment or self-employment for a minimum of 100 days. Diary and logbook to be completed and signed by employer. A key learning feature of this unit is the identification of a problem at your employment and the preparation of a case study report on an actual development project, providing direct insight into the task of problem solving and delivering real projects.

Courses: CN51, CN53 Contact hours: 3 per week Credit points: 12 Semester: 2
► CNB424 SPECIALIST MEASUREMENT

Measurement is a core skill amongst building professionals. This skill is particularly important to you in relation to the production of quantified documents for the purposes of tendering and estimating. This unit occurs in the final year of your course given the unusual and advanced nature of the construction technology to be measured. This unit covers the following: Unusual building works; Civil engineering works including earthworks, roadworks and piling; Heavy engineering works including refining and processing plant, mining and offshore platforms.

Courses: CN53 Prerequisites: CNB310 Contact hours: 3 per week Credit points: 12 Semester: 2
► CNB425 INTERNATIONAL CONSTRUCTION

Students will examine history, culture, language, government and business structure and practices, construction management and general business practices in a country or countries other than Australia, specifically those issues and practices that differ from common Australian practice. An optional student-funded international trip may be offered (likely to be 2-4 weeks) to allow students to experience first-hand the country studied during the semester allowing students to immerse themselves in the culture and further enhance their language skills. Students will be involved in site visits and workshop (studio) type activities during the tour.

Courses: CN51, CN53 Contact hours: 3 per week Credit points: 12 Campus: GP Semester: 2
► CNB433 DISSERTATION A

This unit will allow you to explore underlying theory, and examine the opportunity to investigate and develop an area of personal interest. Focus on research methodology; data collection and analysis; information literacy; Information retrieval skills; Literature review and research proposal writing activities; Statistics: Introduction to statistical concepts; Data collection techniques and analysis; Data reduction and pictorial presentation; Numerical description of data such as population and samples; Descriptive statistics; Measure of central tendency; Measures of dispersion; Grouped data and misuse of descriptive statistics.

Courses: CN51, CN53 Contact hours: 3 per week Credit points: 12 Campus: GP Semester: 1
► CNB434 DISSERTATION B

This unit is important to success in today’s competitive and global environment. As a student, research will allow you to explore underpinning theory behind your chosen area of interest. On the other hand, as a practitioner, the unit will help you to identify valuable and profitable research. This unit involves research; data collection, analysis and selection; primary data in relation to work completed in CNB433; Provision of conclusions, as well as recommendations.

Courses: CN51, CN53 Prerequisites: CNB433 Contact hours: 3 per week Credit points: 12 Campus: GP Semester: 2
► CNB480 BUILDING SURVEYING PRACTICE

Building certifiers must have the ability to locate, interpret and assess building plans to legislative requirements, codes of practice and other regulations. This unit ensures building certifiers have the fundamental knowledge in order to practice and utilise the evaluation of Ethical responsibilities; Legislative framework; Integrated Development Assessment System (IDAS); Integration of local planning instruments (Qld specific), State approvals, energy efficiency; Documenting performance based assessments to the Building Code of Australia.

Courses: CN51, CN53 Credit points: 12 Campus: GP Semester: 2
► CNB481 CONSTRUCTION DISPUTE MANAGEMENT

A claim or dispute may arise between an owner and a contractor in contract negligence, nuisance or trespass relating to the performance of commercial or domestic building work and obligations in the performance of building work and use appropriate techniques to avoid and manage disputes. This unit helps students develop the skills required to avoid and manage disputes; analysis of reasons that disputes occur; Sources of disputes; Statutory obligations to rectify defects; Formal dispute resolution through tribunals and courts system; Pro-active dispute avoidance techniques; Preparation and presentation of a claim/response to a claim; Role of expert witness in disputes; Costs of disputes and ways to manage those costs.

Courses: CN51, CN53 Credit points: 12 Campus: GP Semester: 2
► CNB482 MEASUREMENT 4

Measurement is a core skill amongst building professionals. This skill is particularly important to you in relation to the production of quantified documents for the purposes of tendering and estimating. This unit covers the following: An examination of the latest software used in the generation of quantities, estimates and capital cost / life cycle cost plans including advanced CAD applications; Measurement used to produce financial asset management statements including due diligence and sinking funds; Measurement and assessment of environmental impact of building projects.

Courses: CN53 Prerequisites: CNB310 Credit points: 12 Campus: GP Semester: 1
► CNB483 SMART AND SUSTAINABLE CONSTRUCTION

Assignment based group project work where students from different disciplines undertake a project work on a project considered to be key smart and sustainable construction issues - sustainability and its impact on commercial construction development; flexible design considerations; innovative construction techniques; smart engineering solutions; intelligent building developments; Project case study examination of an office building project in CBD; Marina resort development on tropical Queensland coast; KG Urban Village development; Sustainable housing
UNIT SYNOPSIS

CBN490 STRATEGIC PROPERTY AND FACILITIES MANAGEMENT

This unit aims to develop the student's understanding of the broader strategic property management issues of property as a component of investment portfolios and as an integral element of business operations. Economic environment and property management issues. Base theory (Portfolio analysis and management. Asset management and property/tenancy management, Facilities management - concentrating on issues of organisation in relation to the identification, provision and management of property). Implications for supporting core business (service delivery) Changes to the use of real property and emerging issues.

Courses: CBN393, year 3 of CBN54
Credit points: 12
Incompatible with: CBN592
Campus: GP
Semester: 2

CBN496 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. Keyword aspects involved include professional development, organisation design and project structure. Furthermore it will provide students with understanding the practical applications of responsibility, accountability, leadership, reporting and implementation of project cost control. Furthermore it will cover the area of risk management analysis functions, techniques and theories as well as cost management systems applicable to design cost, valuation of terminable development rights. Valuation of terminable development rights. Public sector and institutional investment valuation. Credit points: 12

Courses: CBN54
Prerequisites: Year 3 of CBN54
Credit points: 12
Incompatible with: CBN592
Campus: GP
Semester: 1

CBN498 PROJECT COST AND RISK MANAGEMENT

The unit will identify: fundamental project management principles that relate to economics, cost and risk management and the key elements of project cost management and the implementation of risk evaluation. It will revisit the macro-economic and micro-financial contexts of project, construction and property management and provide students with understanding the practical applications of responsibility, accountability, leadership, reporting and implementation of project cost control. Furthermore it will cover the area of risk management analysis functions, techniques and theories as well as cost management systems applicable to design cost, valuation of terminable development rights. Valuation of terminable development rights. Public sector and institutional investment valuation. Credit points: 12

Courses: CBN54
Prerequisites: Year 3 of CBN54
Credit points: 12
Incompatible with: CBN592
Campus: GP
Semester: 1

CBN499 PROJECT HUMAN RESOURCE MANAGEMENT

Effective project management requires effective utilisation of all project resources. The cornerstone of the project management process is management of the diverse professional team brought together to complete the project on time to specification and within budget. Topics covered will include: Principles of Human Behaviour; Aspects of Personal Development and Motivation; Communication skills. Characteristics and styles of leadership; Group dynamics and interactions; Conflict management and arbitration; An integral part of the unit is a field trip aimed at which is to increase their understanding and skills of human processes relevant to project management.

Courses: CBN54
Prerequisites: CBN496, year 3 of CBN54
Credit points: 12
Incompatible with: CBN551
Campus: GP
Semester: 1

CBN499 INTERNATIONAL PROJECT DEVELOPMENT MANAGEMENT

The unit develops concepts of project development management knowledge introduced to the students in CBN496, Project Management, and places them in an international, or more specifically, Asia-Pacific, regional context. To this end the content within the unit will be similar to CBN496 with a focus on theories related to project definition and scope, project implementation and termination, and the latest developments affecting the practice of project management in organisations.

Courses: CBN54
Prerequisites: CBN394, completion of Year 3 of CBN54
Credit points: 12
Incompatible with: CBN534
Campus: GP
Semester: 2
management is applied to the student’s working project environment. The report is in the order of 5-6000 words and of a publishable standard allowing enhancement of their communication and presentation skills. Students also make a formal presentation of their work. The reflection on the unit theory undertaken in CNP001 Knowledge and IT Management forms the basis of this unit and must be undertaken at least concurrently with CNP001. Students are expected to maintain a reflective portfolio for this unit. Students must have own computing facilities with web access, computer literacy and computer research skills.

Courses: CN89 Corequisites: CNP001
Contact hours: 3 per week Credit points: 12 Semester: 1

► CNP012 PROJECT PROCUREMENT AND ETHICS REFLECTIVE LEARNING
This unit provides students with the opportunity to take part in virtual small group seminars and RMIT web-based chatgroup sessions with students and staff to help the student produce a case study report on how project procurement strategies and the related ethical aspects are applied to the student’s working project environment. The report is in the order of 5-6000 words and of a publishable standard allowing enhancement of their communication and presentation skills. Students also make a formal presentation of the work. The reflection on the unit theory undertaken in CNP002 Project Procurement and Ethics forms the basis of this unit. Students are expected to maintain a reflective portfolio for this unit. Students must have own computing facilities with web access, computer literacy and computer research skills.

Courses: CN89 Corequisites: CNP002
Contact hours: 3 per week Credit points: 12 Semester: 1

► CNP013 PROJECT MANAGEMENT LEADERSHIP REFLECTIVE LEARNING
This unit provides students with the opportunity to participate in virtual small group seminars and RMIT web-based 'chatgroup' sessions with students and supervisors to help the student produce a case study report on how PM practice is applied to the student’s working project environment. The report is in the order of 5-6000 words and of a publishable standard allowing enhancement of their communication and presentation skills. Students also make a formal presentation of the work. The reflection on the unit theory undertaken in CNP003 Project Management Leadership forms the basis of this unit and thus this unit must be undertaken at least concurrently. Students are expected to maintain a reflective portfolio for this unit. Students must have own computing facilities with web access, computer literacy and computer research skills.

Courses: CN89 Corequisites: CNP003
Contact hours: 3 per week Credit points: 12 Semester: 1

► CNP014 ELECTIVE REFLECTIVE LEARNING
This unit provides students with the opportunity to take part in virtual small group seminars and RMIT web-based 'chatgroup' sessions with students and staff to help the student produce a case study report on how the elective is applied to the student’s working project. The report is in the order of 5-6000 words and of a publishable standard allowing enhancement of their communication and presentation skills. Students also make a formal presentation of the work. The reflection on the unit theory undertaken in CNP004 Elective forms the basis of this unit and thus this unit must be undertaken at least concurrently. Students are expected to maintain a reflective portfolio for this unit. Students must have own computing facilities with web access, computer literacy and computer research skills.

Courses: CN89 Corequisites: CNP004
Contact hours: 3 per week Credit points: 12 Semester: 1

► CNP051 RESEARCH PROJECT 1
In this unit, the student interacts with library facilities, supervisors and tutorial group to fully acquaint themselves with their research topic, previous research, background and related topics and prepare an annotated bibliography. Students must have own computing facilities with web access, computer literacy and computer research skills.

Courses: CN89 Contact hours: 3 per week Credit points: 24 Semester: 2

► CNP052 RESEARCH PROJECT 2
A literature review is prepared, accommodating all the salient issues in a coherent, consistent, logical and critical manner. Potential research methods are identified and a provisional research plan agreed. Students must have own computing facilities with web access, computer literacy and computer research skills.

Courses: CN89 Corequisites: CNP050
Contact hours: 3 per week Credit points: 24 Semester: 3

► CNP053 RESEARCH PROJECT 3
This unit extends the case study reports from the prerequisite unit into a holistic review of PM practice in the case study investigations. The aim at the end of the unit is to identify a thesis area and an appropriate method for research, and to have undertaken literature reviews and other preliminary research. A research plan will be agreed between students and supervisors. The unit will involve students integrating their coursework study and case study assignments with a series of empirical and qualitative research studies in the thesis area. Students must have own computing facilities with web access, computer literacy and computer research skills.

Courses: CN89 Corequisites: CNP051-1, CNP051-2
Contact hours: 3 per week Credit points: 24 Semester: 3

► CNP054 RESEARCH PROJECT 4
Students interact with their supervisors and tutor- ial group to allow the shape and form of the thesis area to be formed and developed in readiness for the final year of the course. Case study reports from the prerequisite unit are extended into a holistic review of PM practice in the case study investigations. By the end of the unit a thesis area and an appropriate method for its research will have been identified, and literature reviews and other preliminary research undertaken. Under supervisor direction, the thesis area will become firmly established, and appropriate research methodologies studied. A research plan will be agreed and should allow employers to gain demonstrable outcomes and positive contribution to their projects. Students must have own computing facilities with web access, computer literacy and computer research skills.

Courses: CN89 Corequisites: CNP053
Contact hours: 3 per week Credit points: 24 Semester: 4

► CNP061-1 RESEARCH PROJECT 5
The research encompasses discovery and reflection on PM practice and will have focus upon case studies drawn from practice; participants compare best practice; with observations made concerning the research cases. The reflective process is based upon not only review of what has been seen to have occurred in the case studies but also on

Students must have own computing facilities with web access, computer literacy and computer research skills.

Courses: CN89 Corequisites: CNP051, CNP052, CNP053, CNP054
Contact hours: 3 per week Credit points: 24 Semester: 4

► CNP061-2 RESEARCH PROJECT 5
The research encompasses discovery and reflection on PM practice with focus upon case studies drawn from practice; participants compare best practice; with observations made concerning the research cases. The reflective process is based upon not only review of what has been seen to have occurred in the case studies but also on the course participant’s reflection on their attitudes, beliefs and actions. The depth and originality of the research experience will be diffused to industry and course participant colleagues, as progress seminars will be open to industry and peer review. The unit ends with a 6-month report. Students must have own computing facilities with web access, computer literacy and computer research skills.

Courses: CN89 Corequisites: CNP051, CNP052, CNP053, CNP054
Contact hours: 3 per week Credit points: 24 Semester: 4

► CNP062-1 RESEARCH PROJECT 6
This unit continues from CNP061-1 and CNP061-2 Research Project 5 in encompassing discovery and reflection upon practice and focusing upon case studies drawn from practice, with the course participant’s reflection on their attitudes, beliefs and actions resulting from their reflections. It is expected that the learning experience will be further diffused to industry and course participant colleagues via progress seminars. The thesis research is drawn together into a single thesis of approximately 40,000 to 50,000 words in length. Students must have own computing facilities with web access, computer literacy and computer research skills.

Courses: CN89 Corequisites: CNP061-1, CNP061-2
Contact hours: 3 per week Credit points: 24 Semester: 4

► CNP062-2 RESEARCH PROJECT 6
This unit continues from CNP061-1 and CNP061-2 Research Project 5 in encompassing discovery and reflection upon practice and focusing upon case studies drawn from practice, with the course participant’s reflection on their attitudes, beliefs and actions resulting from their reflections. It is expected that the learning experience will be further diffused to industry and course participant colleagues via progress seminars. The thesis research is drawn together into a single thesis of approximately 40,000 to 50,000 words in length. Students must have own computing facilities with web access, computer literacy and computer research skills.

Courses: CN89 Corequisites: CNP061-1, CNP061-2
Contact hours: 3 per week Credit points: 24 Semester: 4

► CNP100 FACILITIES MANAGEMENT
Facilities management as a discipline is grounded in management. The role of Facilities Management provides the crucial link between the design, strategic business planning, the construction and operation of the built environment and the overall organisation. Facilities management is a key aspect of the overall management of assets. Facilities management provides the theory, principles and concepts of facilities management in relationship to property assets.

Courses: CN90, CN91, CN92 Credit points: 12 Campus: GP Semester: 2

► CNP520 PROJECT MANAGEMENT
An introduction to project management as a discipline. This unit will focus on theories related to project definition, project scope, project tools and implementation. Key aspects covered include project definition, organisation design and project structure, communication, managing change and performance measurement (time, cost and quality).

Courses: CN64, CN77, CN81 Contact hours: 3 per week Credit points: 12 Incompatible with: CNP431 Campus: GP Semester: 1

► CNP521 PROJECT COST AND RISK MANAGEMENT
Cost control and project 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 project cost and risk. The unit covers techniques and tools essential for proactive project and cost manage-
UNIT SYNOPSIS

CNP532 INNOVATION AND TECHNOLOGY MANAGEMENT

This unit introduces key concepts in better understanding the role of innovation and technology and their impact on management, to build and maintain a competitive edge in business. Innovation and Technology Management links engineering, science and management principles to identify, choose and implement the most effective means of attaining compatibility between an organisation and its competitive, economic and social environment.

Courses: CN64, CN77, CN81
Contact hours: Block format Credit points: 12
Semester: 1

CNP533 PROJECT MANAGEMENT LAW

Aims to create awareness of the legal environment in which the project manager operates. The project manager (the contractor) for a construction industry is exposed to a variety of legal situations on a day-to-day basis. It is important that the manager has the base knowledge to reduce the risk of legal entanglement. The unit covers key concepts of Tort, Contract and Secondary Legislation in Australian and international perspective. Dispute resolution processes and mediation are also studied from an Australian and international perspective.

Courses: CN64, CN77, CN81
Contact hours: 3 per week Credit points: 12
Semester: 2

CNP534 INTERNATIONAL PROJECT MANAGEMENT

Introduces key concepts, and furthers the understanding of international issues in project management from the perspective of the Australian project manager. It compares technical, managerial, economic and cultural concepts and trends related to project management in the competitive international marketplace. Material is covered from a market viewpoint as well as from the viewpoint of a single project and firm. Emerging opportunities and misconceptions are discussed, with particular reference to the Asia-Pacific region.

Courses: CN64, CN77, CN81
Contact hours: 3 per week Credit points: 12
Semester: 2

CNP547 PROPERTY INVESTMENT

Property (or real estate) is one of a number of competing investments available in the investment market. The unit covers principles and some of the prime property valuation techniques. Basic concepts of value and detailed financial viability studies are studied, including equity and cash flow models.

Courses: CN64, CN77, CN81
Contact hours: 3 per week Credit points: 12
Semester: 2

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 study of human resources, their impact on 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 aspect of project management is the development of group dynamics and workshops.

Courses: CN64, CN77, CN81
Contact hours: 3 per week Credit points: 12
Semester: 1

CNP552 CURRENT ISSUES

This unit introduces the role of property 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, procedures, industry development, quality management, buildability, value analysis, case studies, arbitration and benchmarking. This unit provides the opportunity for students to become familiar with current research activities within the School and its partners.

Courses: CN64, CN77, CN81
Contact hours: 3 per week Credit points: 12
Semester: 2

CNP553 INFORMATION TECHNOLOGY FOR PROJECT MANAGERS

This unit will address the revolution in information technology and the widespread use of personal computers by providing project managers with skills in using a range of appropriate software, and in understanding information resources and the impact of information technology on construction management and property development processes. The unit will provide competence in the use of appropriate information technology through the study of essential computer packages and advanced project management software.

Courses: CN64, CN77, CN81
Contact hours: 3 per week Credit points: 12
Semester: 2

CNP554 LAND DEVELOPMENT

This unit focuses on the overall development process appropriate to the use of land in a variety of environments. It considers the drivers of development and the correct processes that should be followed to ensure both an economic and a functional result. It looks at land development within the Central Business District (CBD), suburban commercial, residential and industrial areas.

Courses: CN64, CN77, CN81
Contact hours: 3 per week Credit points: 12
Semester: 2

CNP555 PROPERTY MARKET ANALYSIS

This unit covers the principles of property economics and market research methodology. The coursework will include investigations on surveys and hypothesis testing, property market data available in Australia, supply and demand analysis and interpretation of financial statements in organisations. The unit covers financial theory and practice so that you can understand the use of financial accounts and cash flow models. The unit is designed for students who have completed an introductory course in accounting.

Courses: CN90, CN91, CN92 Credit points: 12
Semester: 1

CNP556 PROPERTY MANAGEMENT AND CONTRACTS

This unit covers property contracts, especially leases, partial rights and purchase and sale; lease management, rent statements and accounting procedures; landlord and property manager; contract management programs, property type differentials and property portfolio management.

Courses: CN90, CN91, CN92 Credit points: 12
Semester: 1

CNP557 PROPERTY PORTFOLIO ANALYSIS

This unit examines the performance of Australian based property portfolios. It considers the application of modern portfolio theory to property portfolios. The performance of direct and indirect property investments is reviewed and analysed in relation to benchmark and other asset classes.

Courses: CN90, CN91, CN92 Contact hours: 12
Semester: 2

CBT110 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 theories and practice so that you can understand how accounting data is used to help make decisions in organisations. The unit covers financial procedures and reporting for business entities, analysis and interpretation of financial statements; planning, control and business decision making.

Courses: IF11 Contact hours: 3 per week Credit points: 12
Semester: 2

CTB115 MANAGEMENT, PEOPLE AND ORGANISATIONS

This unit provides an introduction to the theories and practice of management and organisations. Emphasis is on the conceptual and people skills that will be needed at all areas of management and in all areas of organisational life. The unit acknowledges that organisations exist in an increasingly international environment where the emphasis will be on knowledge, the ability to learn, to change and to innovate. Organisations are viewed from individual, group, corporate and external environmental perspectives.

Courses: IF11 Contact hours: 3 per week Credit points: 12
Semester: 1

CTB126 MARKETING

This introductory subject examines the role and importance of marketing to the contemporary organisation. Emphasis will be given to understanding the basic principles and practices of marketing such as the marketing concept, market segmentation, management information systems and consumer behaviour. You will explore the various elements of the marketing mix, with special reference to product, price, distribution, promotion, including advertising and public relations. By way of introduction only, key issues relevant to services marketing, e-marketing and strategic marketing will also be canvassed.

Courses: IF11 Contact hours: 3 per week Credit points: 12
Semester: 1

CBT210 INTRODUCTION TO PROGRAMMING - VISUAL BASIC

The unit provides a basic understanding of computers and develops fundamental student skills in structured program design and implementation through a widely-used commercially-oriented object-oriented programming language (Visual Basic). Introduces the concepts of Object-Oriented Design and Event-Driven programming, with an emphasis on sound programming practices, in order to develop realistic and useful business applications.

Courses: IF11 Contact hours: 3 per week Credit points: 12
Semester: 2

CBT212 ELECTRONIC BUSINESS APPLICATIONS

Looks at the ways in which organisations adopt and use various Electronic Business applications in areas of e-commerce, business-to-consumer, business-to-business and intra-business relations. Business models and their impact in various
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This unit introduces students with no formal study of business issues associated with electronic business (‘e-business’). The main principles of legal issues and how they might be identified and managed by the use of compliance programs are analysed, as are the ways in which E-Business professionals identify the key legal, governance and ethical issues associated with their E-Business operations. Legal, jurisdictional and enforcement issues that arise with international e-business transactions are also considered.

Courses: IF11
Prerequisites: CTB112 or 96 credit points of approved study
Contact hours: 3 per week
Incompatible with: BSB213
Campus: CB
Semester: 1

► CTB213 LEGAL ISSUES IN ELECTRONIC BUSINESS

This unit develops basic systems development skills by teaching a methodology and techniques of systems analysis and design. This unit gives an introduction to all the phases of the classical systems development life cycle. The aim is to ensure that students develop the necessary skills to apply the major techniques to simple problems. Emphasis is placed on the practical application of techniques to real-world problems.

Courses: IF11
Prerequisites: CTB210
Campus: CB
Semester: 1

► CTB222 BUSINESS SYSTEMS ANALYSIS

This unit provides students with the conceptual and analytic tools required for managing changing environments. The emphasis is on developing an understanding of the competencies required for managing flexibility, managing innovation and managing change. The unit moves beyond a focus on ‘dot-com’ companies to examine how a range of organisations both small and large are engaging with issues associated with an increasing emphasis on technology.

Courses: IF11
Prerequisites: CTB212 or 96 credit points of approved study
Contact hours: 3 per week
Incompatible with: MGB334
Campus: CB
Semester: 1

► CTB334 MANAGING IN A CHANGING ENVIRONMENT

This unit develops knowledge in the areas relating to effective management of projects (as distinct processes). This knowledge is gained by focussing on the central issues of project selection, modelling, planning and evaluation. Case study projects are used throughout the unit and are mainly from the services industry sector. The unit seeks to develop ‘technical’ (tools and techniques) as well as ‘people’ (behavioural) skills needed for effective management of projects.

Courses: IF11
Prerequisites: CTB115, 96 credit points of approved study
Contact hours: 3 per week
Incompatible with: MGB335
Campus: CB
Semester: 1

► CTB355 PROJECT MANAGEMENT

This unit deals with the development of a business plan for the potential launch of student business ideas. This unit is designed for those individual students interested in creating a new venture or working in industries as employees of venture operations. Students will work to develop a comprehensive plan of their business venture. Students can progress from this unit to carry out the business plan application in the unit MGB218 Venture Skills or advance from MGB218 to undertake this unit.

Courses: IF11
Prerequisites: 96 credit points of approved studies
Contact hours: 3 per week
Credit points: 12
Incompatible with: MGB223
Campus: CB
Semester: 2

► CTB225 INTRODUCTION TO DATABASE MANAGEMENT

The use of databases to stores, alter and retrieve information. Introduction to SQL for update, retrieval, and database schema creation and maintenance. Database attributes including 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.

Contact hours: 3 per week
Credit points: 12
Campus: CB
Semester: 1

► CTB225 PROJECT MANAGEMENT

How to build and use an interactive multimedia software, such as Access, and interactive multimedia soft-ware such as Excel, databases and software such as Access, and interactive multimedia software such as Accounting Information Systems Cycles.

Courses: IF11
Prerequisites: CTB110
Contact hours: 3 per week
Credit points: 12
Incompatible with: AYB221
Campus: CB
Semester: 1

► CTB222 COMPUTERISED ACCOUNTING SYSTEMS

This unit encourages students to consider the kinds of selection, adoption, implementation and evaluation that security considerations be incorporated into the design and development stage of IT systems, since it is an expensive process to retrofit security. This unit is an introduction to relevant aspects of the security of data in an IT system. The unit provides an overview of the requirements and means for the protection of information during processing, storage and transmission.

Courses: IF11
Prerequisites: PSB751
Contact hours: 3 per week
Credit points: 12
Campus: CB
Semester: 2

► CTB751 INTRODUCTION TO NETWORK TECHNOLOGIES

An introduction to telecommunications and data communications networks with specific reference to the World Wide Web (WWW), Local Area Network (LANs)(eg Ethernet), Wide Area Network (WANS), and communication architectures (eg TCP/IP). An overview of network management and network security issues.

Courses: IF11
Contact hours: 3 per week
Credit points: 12
Campus: CB
Semester: 2

► CTB752 DATA SECURITY

Modern society demands information systems and networks which are secure and reliable. Therefore that security considerations be incorporated into the design and development stage of IT systems, since it is an expensive process to retrofit security. This unit is an introduction to relevant aspects of the security of data in an IT system. The unit provides an overview of the requirements and means for the protection of information during processing, storage and transmission.

Courses: IF11
Prerequisites: PSB751
Contact hours: 3 per week
Credit points: 12
Campus: CB
Semester: 2

► DBB646 SURVEYING COMPUTATIONS

The use of advanced scientific calculators and their application for geometric computations. Solution of road and arborlocation; missing data; close, simple curve problems. Solution of more difficult problems, including the three point problem, interrupted bases and various types of curve problems. Introduction to spherical trigonometry and the solution of spherical triangles. The use of spherical trigonometry to determine position and direction on the Earth’s surface from observation to astronomical objects. Practical exercises to determine position and direction.

Courses: IF11
Prerequisites: PSB847 PSB848
Corequisites: PSB842
Contact hours: 3 per week
Credit points: 12
Campus: GP
Semester: 2

► DBB656 GLOBAL POSITIONING SYSTEMS

Concepts and theory of Global Positioning Systems including the space segment, control segment and user segment. Satellite signal structures
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Courses: PS47, PS48
Credit points: 12
Semester: 1, 2

► DBP401 URBAN AND SITE ANALYSIS
Planning students need to understand the various issues relating to city development and learning site planning processes for the development of urban land. This planning unit is designed to help students develop basic skills of urban and site analysis.

Courses: PS70, PS72
Credit points: 12
Semester: 1

► DBP402 PLANNING PROCESSES
Graduate students from other disciplines learn how to develop and apply reflexive planning processes applicable to a variety of situations and scales. This involves understanding how land uses are generated and the processes by which they may be planned. The unit examines and evaluates the methods of detailed stages of the planning process, from objective formulation, information and resource analysis to the energy-driven strategic and tactical planning, development of proposals and monitoring.

Courses: PS70, PS72
Credit points: 12
Semester: 1

► DBP403 DESIGN COMMUNICATION
Students entering the course from non-design disciplines require basic skills in graphic communication for use in planning practice and design units. This unit, which is normally taught in the intensive module preceding the start of semester, has a dual focus on design and graphic design. The unit includes how and what we see, design vocabulary and comparative models of design. Planning Graphics introduces students to different forms of representation methods, presentation, visual imagery, and graphic tools for analysis and synthesis.

Courses: PS70, PS72
Credit points: 12
Semester: 3

► DBP404 ECONOMIC AND SOCIAL FOUNDATIONS OF PLANNING
This unit deals with the economic, social and technological processes that have shaped and still shape our communities and settlements. Urban and regional planners need to understand these processes in order to understand their impacts and to utilise them in planning human settlements.

Courses: PS70, PS72
Credit points: 12
Semester: 2

► DBP405 URBAN DESIGN
Urban Design is the field that brings together the contributions of the various built environment professions towards shaping the urban form and quality of life offered by our cities and towns. This unit provides an introduction to key urban design ideas, using existing urban areas as the vehicle for analysis and understanding. Urban design is presented as a collaborative interdisciplinary activity that involves the coordinated input of a range of built environment professionals.

Courses: PS70, PS72
Credit points: 12
Semester: 2

► DBP406 COMPUTER APPLICATIONS IN PLANNING
Planning professionals need both a conceptual understanding of advanced and concrete skills, in the application of computers to analyse and interpret digital and spatial information that forms the basis of decision-making. Across both government and private sectors, information is communicated within the digital environment, and as the associated technology, software and methods rapidly develop, planners need to possess the necessary computer skills to continue using digital tools effectively.

Courses: PS70, PS72
Credit points: 12
Semester: 1

► DBP407 ENVIRONMENTAL PLANNING AND MANAGEMENT
This unit seeks to introduce students to the theories, processes and tools of environmental planning and management. The unit provides the student with a basic understanding of a range of environmental issues and concerns relevant to the planning issues. It addresses the broad range of planning decisions that affect the environment.

Courses: PS70, PS72
Credit points: 12
Semester: 2

► DBP408 PLANNING IMPLEMENTATION AND LAW
Professional competence in planning requires a detailed understanding of the theory and implementation of planning procedure, planning law and other related legislation. This unit in planning law and is designed to give students basic skills and knowledge of planning law and its associated procedures.

Courses: PS70, PS72
Credit points: 12
Semester: 2

► DBP409 URBAN PLANNING PRACTICE
Planners need the skills to understand and analyse local issues and develop plans and strategies that provide the appropriate framework for the development of integrated local area plans in consultation with local communities and stakeholders. This unit, normally conducted as first stage of a major project conducted in conjunction with local governments and communities, provides students with these skills of integrated urban planning.

Courses: PS70, PS72
Credit points: 12
Semester: 1

► DBP410 RESEARCH METHODS IN PLANNING
This unit introduces students to the range of research methods available to them as planners and provides the local format in which they can assess the efficacy and suitability of these methods. It also provides practical experience in using relevant methods and techniques to address current planning issues.

Courses: PS70, PS72
Credit points: 12
Semester: 1

► DBP411 COMMUNITY PLANNING
Planners work with wide range of communities and therefore need to understand and address a diverse range of concerns. This unit applies knowledge and skills acquired elsewhere in the course to help students understand and interpret a range of local concerns including land use and development assessment, employment, human services, environmental quality, urban design, access and culture. In exploring the community planning, particular emphasis is placed on community involvement, consultation and conflict resolution.

Courses: PS70, PS72
Credit points: 12
Semester: 1

► DBP412 PLANNING THEORY AND ETHICS
Students learn about the conceptual basis to their profession and are inculcated with a sound basis of professional ethics. This unit explores the conceptual foundations of urban and regional planning through an investigation of a variety of ideas about planning. It also links ideas about the nature and purpose of planning with ideas about professional ethics. Because it is based on utilising students' previous experience it comes in a later semester of the course.

Courses: PS70, PS72
Credit points: 12
Semester: 1

► DBP413 REGIONAL PLANNING PRACTICE
This unit provides the opportunity to develop and apply wide-ranging skills of analysis and synthesis in a real world problem-solving situation, linked to policy formulation issues explored in parallel in DBP414. As the second of two practice-focused units, Regional Planning Practice concentrates on the broader regional and metropolitan scales to develop skills in dealing with larger, more complex and strategic-level planning issues.

Courses: PS70, PS72
Credit points: 12
Corequisites: DBP409
Semester: 2

► DBP414 REGIONAL AND METROPOLITAN POLICY
Relevant and effective regional and metropolitan policy development will demand that urban planners be able to address a variety of knowledge and skills integrating regionalism, demography, economics, human activities, central place theory, regional resource evaluation, social organisation and public administration. These operate and need to be understood at both global and regional scales. The resulting synthesis must be specific and within specified criteria. To achieve this, the unit is designed to focus and apply material from diverse disciplines and locations to current regional and metropolitan policy issues in South-East Queensland.

Courses: PS70, PS72
Credit points: 12
Corequisites: DBP402
Semester: 2

► DBP415 PROFESSIONAL PRACTICE OR RESEARCH PROJECT
This unit will offer students the choice of undertaking their own individual area of research or a structured period of professional practice. The two are offered in the one unit in order to encourage students to choose between research and professional activities. Both activities are most appropriate in the final semester of the course, allowing students to build on and integrate their previous experience. This unit provides a stepping stone for students continuing on to the Master of Urban and Regional Planning by providing either a further stage to an advanced research project or an introduction to an advanced professional practice project.

Courses: PS70, PS72
Credit points: 12
Prerequisites: DBP410, DBP409
Semester: 1, 2

► DBP416 ELECTIVE
This unit enables students to choose an elective offering of an elective in QUT or another university, provided that it will enhance learning in the core discipline. Selection requires the approval of the Course Coordinator.

Courses: PS70, PS72
Credit points: 12
Semesters: 1, 2

► DBP501 SPECIALISATION
This unit enables students to extend their knowledge in areas supporting their main area of practice or research interest. This personalised unit may incorporate study in specific programs offered within the School or from advanced units within QUT or another university, or through specialist guidance by staff in their areas of expertise and approved by the Head of School on the recommendation of their project supervisor.

Courses: PS70
Credit points: 12
Semesters: 1, 2

► DBP 502 PROFESSIONAL PRACTICE OR RESEARCH DISERTATION
This unit is the central element of the Master of Urban and Regional Planning. Because the Masters is intended for students with advanced professional or advanced research student this unit allows either for professional development through a period of mentored professional practice or for advanced research through supervised and individual advanced research. The two are combined into a single unit in order to encourage students to make a choice between research and professional activities. The unit is an extension of the study completed in DBP415 Professional Practice or Research Project in the Graduate Diploma in
UNIT SYNOPSIS

Urban and Regional Planning. The unit will normally be linked to the student/staff seminars in Urban and Regional Planning Seminar.

Courses: PS70
Prerequisites: DBP415
Credit points: 24
Semester: 1, 2
► DBP503 MASTERS SEMINAR
In order to derive full benefit from their advanced studies Master students need to exchange views on their findings with each other and with experienced practitioners and academics. They also need to explore the significance of their studies for issues of major planning significance. This seminar provides an integrated forum as a communicative core to the Masters Program, linking individual dissertations and professional practice experience to a wider contemporary context.

Courses: PS70 Prerequisites: DBP502, DBP414
Credit points: 12
Campus: GP
Semester: 1
► EAB001 EARLY CHILDHOOD FOUNDATIONS 1: HISTORICAL AND COMPARATIVE PERSPECTIVES OF EARLY CHILDHOOD EDUCATION
This unit examines the historical development of early childhood services in Australia, and explores the comparative perspectives of the care and education of young children in different socio-cultural contexts in Australia and in other countries. Students will understand early childhood education, it is important to consider the evolution of key ideas that have influenced the development of the field over the past 150 years in western Europe (Britain, Europe, the United States and Australia). The unit encourages students to critically reflect on the changing beliefs and practices in relation to young children and families in Australia over the twentieth century and to begin to formulate a personal philosophy of early childhood education.

Courses: ED92, ED82, IF81, IX11
Contact hours: 3 per week
Credit points: 12
Campus: KG
► EAB002 EARLY CHILDHOOD FOUNDATIONS 2: FAMILIES AND CHILDHOODS IN EARLY CHILDHOOD EDUCATION AND CARE
Early childhood education and care interface with the lives of children and families in diverse contexts. This unit deals with the social constructions of families and childhoods, the social practices they adopt and the services in which they participate. An understanding of these conditions is necessary for early childhood educators to teach and care for young children.

Courses: ED52, ED53, ED43, ED44, ED92, ED82, IF81, IX11
Contact hours: 3 per week
Credit points: 12
Incompatible with: EAB351, EAB364
Campus: KG
► EAB003 DEVELOPMENT AND LEARNING IN EARLY CHILDHOOD 1
This unit examines the major theories, features and processes of early development. The pace and direction of development are shaped by biological predispositions and personal attributes, as well as by the interactions and experiences afforded to the child. Knowledge of contexts, their impact on individual development, and an awareness of the interrelationships between each area of development is necessary in order to develop an understanding of how children think and learn. Early childhood teachers also require a range of skills for observing and analysing behaviour in order to plan and organise appropriate educational opportunities in early childhood settings.

Courses: ED92, ED82, ED52, ED42, IX11, ED83, IF81
Contact hours: 3 per week
Credit points: 12
Campus: KG
► EAB004 DEVELOPMENT AND LEARNING IN EARLY CHILDHOOD 2
To facilitate learning during early childhood, teachers must have a sound knowledge of the major theories, features and processes of development. The units in the developmental strand are underpinned by sociocultural theory, which takes into account both the psychological and the social mechanisms of learning. This unit, Development and Learning in Early Childhood, will foreground the social mechanisms of learning by discussing children's learning and development in a social context, integrating the social, emotional and cognitive elements of learning. Knowledge of the impact on individual development is necessary in order to develop an understanding of how children think and learn.

Courses: ED92, ED93, ED82, ED83, IX11
Contact hours: 3 per week
Credit points: 12
► EAB006 LEADERSHIP AND MANAGEMENT IN EARLY CHILDHOOD SERVICES
Early childhood settings, including primary schools, operate by using site-based management. This understanding, together with a high level of personal power, helps individual teachers to make decisions about what happens in early childhood settings.

Courses: ED92, ED93, ED82, ED83, IX11
Contact hours: 3 per week
Credit points: 12
Incompatible with: EAB008
► EAB008 EARLY CHILDHOOD LANGUAGE AND LITERACIES AND COMMUNICATION 1
This is an introductory unit in which you will examine literacies from contemporary perspectives. The focus is on young children learning literacies in community contexts in the years prior to formal schooling. You will be encouraged to appreciate each child's journey as they encounter a range of multimodal practices that constitute literacies.

Courses: ED92, ED82, ED83, ED93, IX11
Contact hours: 3 per week
Credit points: 12
Campus: KG
► EAB009 EARLY CHILDHOOD LANGUAGE AND LITERACIES AND COMMUNICATION 2
In this unit a literacy as social practice approach is examined critically. You will explore matters related to instructional experiences, literacy resources and materials, diversity and partnerships with children. In this high print unit the focus will be on reading and writing instruction, image/graphic text will be a significant consideration, so literacy practices reflect new and changing ways of operating with texts. Teachers use pedagogies and assessment that provide opportunities for success for all students, particularly those individuals and groups who may perform at lower levels of proficiency.

Courses: ED92, ED93, ED82, IX11
Prerequisites: EAB008
Contact hours: 3 per week
Credit points: 12
► EAB011 EARLY CHILDHOOD CURRICULUM: ARTS 1
We are surrounded by visual images, in many cases much more powerful than any other form of communication. It is important that we are aware of how these images are working on us, and for that, we need to be visually literate. Childhood cultures are made up of interwoven narratives and commodities. The arts enable young children to question and develop multiliteracies for exploring and expressing ideas and feelings through representation. This unit examines the characteristic features of the early childhood arts curriculum, its philosophical and theoretical underpinnings, beliefs about the nature of the learner, the child/teacher relationship and the role of art as a resource.

Courses: ED92, ED93, ED82, ED83, IX11
Credit points: 12
Campus: KG
► EAB013 EARLY CHILDHOOD SOCIETY, ENVIRONMENT AND HEALTH EDUCATION
This unit promotes a broad view of science, however, that includes the social sciences, health and the environment. Through a range of curriculum approaches that support a broader, more integrated view of science is a key goal. Students are encouraged to develop a deepening of their own understandings of concepts pertinent to science, studies of society and environment, and health; learn to critique and broaden their views of science and to draw from a range of appropriate inquiry-based approaches relevant to these areas; and learn to apply these approaches to facilitate young children’s learning in the sciences.

Courses: ED92, ED93, ED82, ED83, IX11
Contact hours: 3 per week
Credit points: 12
► EAB014 EARLY CHILDHOOD MATHEMATICS EDUCATION
It is essential that children aged birth to 8 years are provided with opportunities to develop their abilities and interests by inquiring into the sciences and maths to learn more about themselves and their world. Maths concepts such as, space, numbers, measurement and statistics provide an integrative framework for teaching and learning about science and social studies through everyday contexts. This unit encourages children as explorers, problem solvers and meaning makers. The roles of early childhood teachers encompass the provision of flexible and stimulating learning environments as well as fostering children’s understanding of science, maths and technology concepts.

Courses: ED92, ED93, ED82, ED83, ED 52, ED53, ED43, IX11
Contact hours: 3 per week
Credit points: 12
► EAB015 EARLY CHILDHOOD SCIENCE AND INFORMATION COMMUNICATION TECHNOLOGIES EDUCATION
It is essential that children are provided with opportunities to develop their interests by using a variety of learning modes and that children have opportunities to develop concepts that are foundational to understanding in mathematics, and which form the basis of learning in all curriculum areas. Students require understanding of how children apply active inquiry processes to tasks designed to further concept development in mathematics. This will engage them in learning about foundational concepts in mathematics and exploring ways in which teachers can develop appropriate learning opportunities to encourage and foster their development.

Courses: ED92, ED93, IX11
Contact hours: 3 per week
Credit points: 12
► EAB021 EARLY CHILDHOOD HEALTH AND NUTRITION
There is general concern in the community about the general health of young children. Therefore it is important for students to understand current health policies and practices for various early childhood education settings. This includes the daily food needs of young children and how to provide appropriate everyday food education and social food experiences. The unit will provide students with the knowledge to lead, plan, implement, and evaluate health practices in services and to balance the nutritional needs of individual children. Personal health and health practices including preventative strategies will be addressed.

Courses: ED82
Contact hours: 3 per week
Credit points: 12
Campus: KG
► EAB345 EARLY CHILDHOOD CLASSROOM AND HOME LANGUAGE EDUCATION
 Pertinent theories and research in language and literacy education for children in early childhood settings, including development of specific teaching and interactive practices for working with children’s development of literacy, and for teaching reading and writing, planning appropriate learning programs using a wide range of literacy and other resources; introduction to English syllabus.
UNIT SYNOPSIS

Courses: ED43, ED44, ED52, ED53, ED57, ED59, ED91, IF82
Contact hours: 4 per week Credit points: 12
▶ EAB346 EARLY CHILDHOOD CURRICULUM: SCIENCE, SOCIETY AND THE ENVIRONMENT
Teaches knowledge and understanding of scientific and social issues in order to create just and sustainable futures; development of scientific knowledge and related social perspectives in programs for young children; practical activities and visits to observations of children's interest and needs.
Courses: ED26, ED43, ED44, ED52, ED53, ED59, ED91, IF83
Contact hours: 4 per week Credit points: 12

▶ EAB349 ADVANCED EARLY CHILDHOOD CURRICULUM: ARTS
Application of principles, practices, philosophies and theories in the areas of music, drama, movement and dance, with specific emphasis on how these arts provide unique opportunities for knowing and understanding; assisting children’s development through music, dance and drama in preschool and primary school early childhood settings; enabling unique and shared elements and concepts across preschool various domains; advocacy in the arts.
Contact hours: 4 per week Credit points: 12
Prerequisites: EAB348

▶ EAB350 ADVANCED EARLY CHILDHOOD CURRICULUM: LITERACY AND NUMERACY IN THE EARLY YEARS
Observation, assessment and diagnosis of the literacy and numeracy abilities of young children in the early childhood education settings; planning, implementing and evaluating programs to foster continuing 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, ED59
Prerequisites: EAB345, EAB347
Contact hours: 4 per week Credit points: 12

▶ EAB361 STORYTELLING IN EARLY CHILDHOOD
A major consideration for the teacher of early childhood education is the value of storytelling with young children; the selection of appropriate children's literature; storytelling; various storytelling strategies in terms of impact on a young audience; the use of appropriate props for storytelling; strategies of integrating storytelling across the curriculum.
Courses: ED43, ED47, ED52, ED91, ED92
Contact hours: 3 per week Credit points: 12

▶ EAB362 ETHICAL RESPONSIBILITIES IN EARLY CHILDHOOD
In depth examination of ethical responsibilities of early childhood educators; historical overview of changing trends in legislation and practice relating to children; current issues in children’s rights; professional ethics and the responsibility of the teacher to children, parents, the community, colleagues and the profession; advocacy for young children; case studies relating to children’s rights and ethical dilemmas.
Courses: ED43, ED52
Contact hours: 3 per week Credit points: 12

▶ EAB365 CURRICULUM WITH YOUNG CHILDREN
The concept of curriculum in early childhood education evokes much discussion and debate. In this unit, the concept of curriculum for young children will be considered in the light of theories and research which suggest that children construct their own knowledge in which teachers and children can work together in creating a curriculum which is meaningful to children while meeting the expectations of parents and society in relation to child care, kindergartens/primary school and other early childhood settings.
Courses: ED43, ED52, ED91, ED92
Contact hours: 3 per week Credit points: 12

▶ EAB366 ACADEMIC AND PROFESSIONAL COMMUNICATION
Develops an understanding of the general processes of communication in an academic and professional contexts; application of information literacy skills and electronic resources; conventions for communicating using a range of academic text types using print and electronic media, creating and relating to the study topic: Families in Context.
Courses: ED43, ED44, ED52, ED53, ED82, ED93
Contact hours: 3 per week Credit points: 12

▶ EAB410 EARLY EDUCATION: DECIDING THE CURRICULUM
Features of curriculum decision making in child care centres, kindergartens, first years of school; focus on processes used to create curriculum that is responsive to young children’s abilities and needs; enabling and assessing children's learning using multi-age grouping, play, parent partnerships, child study and shared ownership in learning; investigation of current and future practices and reflection on personal professional knowledge.
Courses: ED20, ED26
Contact hours: 3 per week Credit points: 12

▶ EAB411 EARLY EDUCATION: LITERACY
A study of current understandings about the nature of literacy, literacy development in early childhood and the ways in which this development can be fostered both within the home and at a range of educational and care settings. The use of broad based perspectives on language foundations, processes and patterns of development, the classroom context and program development. Students are expected to build on their preservice experiences and apply these to issues of language and literacy development and learning.
Courses: ED26
Contact hours: 3 per week Credit points: 12

▶ EAB412 ADVANCED INTEGRATED EARLY CHILDHOOD CURRICULUM
Examination of key ideas informing holistic curriculum approaches and practices associated with play in the curriculum in all early childhood settings, and particularly the lower primary school; implications of implementing an integrated and inclusive approach to language and social justice reviewed in relation to the transacting the curriculum in early childhood settings; critical analysis of research on curriculum designs for the expanding range of services for young children and families in Australia.
Courses: ED43, ED52, ED53
Contact hours: 4 per week Credit points: 12
Incompatible with: EAB017

▶ EAB413 MANAGEMENT OF EARLY CHILDHOOD SERVICES
General management theory and practice; organisational and leadership styles; management of various early childhood services; setting policies and procedures; managing 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: ED43, ED44, ED52, ED53, ED57, IF81, IF83
Contact hours: 3 per week Credit points: 12
Incompatible with: EAB006

▶ EAB414 RESEARCH IN EARLY CHILDHOOD DEVELOPMENT AND EDUCATION
Research design and methodology; qualitative and quantitative research; ethical issues in the conduct of the research process with young children and the adults involved with them; awareness and understanding of the research process from development of proposal, through conduct of research, to data collection and analysis and 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: ED34, ED52
Contact hours: 4 per week Credit points: 12

▶ EAB415 RESOURCE/SUPPORT PROGRAMS IN EARLY CHILDHOOD
Community programs which support children and families outside the mainstream early childhood setting; 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 social and geographical isolation, etc; establishing resource files for teaching and referral; models of parent-professional communication; evaluation of community programs; careers in early childhood services and education.
Courses: ED43, ED52
Contact hours: 4 per week Credit points: 12

▶ EAB416 EARLY CHILDHOOD ART EDUCATION
Historical and contemporary trends in art education; different modes of visual arts education; 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 arts; advocacy for improving options for young children in the visual arts.
Courses: ED43, ED52, ED59, ED91, ED92
Contact hours: 4 per week Credit points: 12

▶ EAB422 INFORMATION AND COMMUNICATION TECHNOLOGIES AND THE YOUNG CHILD
Selection, use and critical evaluation of computer technology 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 learning and number and problem-solving; creating teaching materials.
Courses: ED43, ED52, ED91, ED92
Contact hours: 4 per week Credit points: 12

▶ EAB423 MUSEUMS: PLACES OF LEARNING
Designed to assist preservice teachers understand the nature of children’s, students’ and visitors’ experiences in out-of-school settings such as, museums, science centres, art galleries, zoos, and aquaria. Explores the nature and character of ‘museum learning’ and examines ways which teachers might optimise students’ and children’s experiences in and beyond museum settings.
Courses: ED43, ED47, ED52, ED53, ED82, ED91, IF70-79
Contact hours: 3 per week Credit points: 12

▶ EAB440 WORKING WITH PARENTS AND COMMUNITY
Parental roles in childhood; review of research on child rearing; the use of interpersonal skills in relating to parents; planning for parent involvement; development of skills and techniques for parents; mentoring the needs of parents and programs; future trends.
Courses: ED20, ED34, ED52
Contact hours: 3 per week Credit points: 12

▶ EAB442 MOTOR AND SOCIAL DEVELOPMENT IN EARLY CHILDHOOD
The role of observation and child study in the practice of early childhood teachers and an intro-
UNIT SYNOPSIS

dution to a range of observational techniques; the phases and patterns in the development of fine and motor skills in the early years; 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, gender identity and sexuality; social competence and prosocial behaviour; the role of play in fostering children’s physical, motor and social development and the early childhood teachers’ role in facilitating engagement in play.

Courses: ED57, IF81

Contact hours: 3 per week Credit points: 12 Incompatible with: EAB341, EAB343

► EAB443 COGNITION AND LANGUAGE IN EARLY CHILDHOOD

Processes and features of language, perceptual and cognitive development of children from birth to eight years; language acquisition and communication; interrelationships between language and thought; the knowledge base and perceptual and cognitive processes; analysis of observational data to plan for children linguistically, perceptually and cognitively.

Courses: ED26, ED43, ED52, ED57, IF81, IF83

Contact hours: 3 per week Credit points: 12 Incompatible with: EAB441

► EAB444 INCLUSIVE PRACTICES IN EARLY CHILDHOOD

This unit focuses on young children with special needs and how their needs, and those of their families, are met within early childhood programs. There is extensive community and professional concern for the inclusion of children with disabilities into regular early childhood settings as well as interest in educational provisions for children with specific abilities. Teachers need to develop attitudes and strategies towards including children with special needs in their programs and the confidence to provide meaningful educational experiences.

Courses: ED20, ED43, ED44, ED52, ED53, ED57, IF81, IF83

Contact hours: 3 per week Credit points: 12 Incompatible with: EAB005

► EAB445 APPLIED STUDIES OF CHILDREN IN EARLY CHILDHOOD CONTEXTS

Synthesis of individual students knowledge from the previous foundation units; development of skills in preparation and conduct of debates and case study reporting; children with special needs; social, emotional and professional issues; development and provision of early childhood education and services.

Courses: ED43, ED52, ED53

Prerequisites: EAB442, EAB443, EAB444

Corequisites: EAB444

Contact hours: 4 per week Credit points: 12

► EAN601 EARLY CHILDHOOD TEACHERS KNOWLEDGE IN ACTION

Critical reflection on knowledge in action as teachers work in early childhood programs; history of the development of key ideas influencing early childhood curriculum and teaching; methods for studying teachers at work in different early childhood programs; analysis of research that examines issues related to teaching in early childhood programs.

Courses: ED13, ED11

Credit points: 12

► EAN602 LEADING EARLY CHILDHOOD SERVICES AND POLICIES FOR FUTURE GENERATIONS

Analysis of 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

Developmental ideas and strategies for current and future research in early childhood; knowledge of a broad range of methodological approaches for research in early childhood development in family and educational contexts; critical discussion of the findings of developmental research and the implications of this knowledge for early childhood education.

Courses: ED13, ED11

Credit points: 12

► EAN604 YOUNG CHILDREN, FAMILIES AND COMMUNITY

Aspects of family diversity; the interactions between young children, families and the wider social and community contexts; issues facing families within community contexts; and the analysis of transactions involving professionals, young children, families and community.

Courses: ED13, ED11

Credit points: 12

► EAN607 CONSULTATION AND TEAMWORK

Analysis of typical professional consultancy and teamwork contexts within education and early childhood services, including contributions from other disciplines (for example medicine, psychology, therapy, care, law) and agencies (for example health, community services, police); theoretical and practical understanding of interpersonal qualities which affect consultancy and teamwork; theory and application of group development processes related to effective task accomplishment. Factors impinging on professional consultancy and interagency teamwork; strategies for reviewing and improving consultation and teamwork.

Courses: ED13, ED11

Credit points: 12

► EAN608 CONSTRUCTIONS OF CHILDHOOD AND EARLY EDUCATION

Critical analysis of the social constructions of childhood and early education across the twentieth century and how these 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 DIFFERENCES IN EARLY CHILDHOOD PROGRAMS

Critical analysis of policies that impact on the provision of early childhood services for children who have different degrees of the ethical and pragmatic arguments for inclusion and evaluation of the research on inclusive practices; evaluating inclusivity of interpersonal and interagency knowledge of a range of resources that support inclusion.

Courses: ED13, ED11

Credit points: 12

► EAN610 EARLY CHILDHOOD LANGUAGE AND LITERACY CURRICULUM

Effective teachers of literacy and language in early childhood settings are comfortable with using a wide range of observations and monitoring activities in order to plan appropriate learning programs for young children. Teachers also understand the theories that underpin their teaching practices and assessment processes so that they are able to integrate classroom and individual learning experiences across curriculum areas and age differences.

Courses: ED17

Contact hours: 3 per week Credit points: 12

► EAN611 EARLY CHILDHOOD MATHEMATICS, SCIENCE AND TECHNOLOGY CURRICULUM

The study of the concepts and processes that underpin the teaching of mathematics, science and the use of technology in early childhood contexts. Ways in which early childhood environments can be organised to support active learning, inquiry and problem-solving to support learning of young children.

Courses: ED17

Contact hours: 3 per week Credit points: 12

► EAN612 ADVANCED LITERACY AND LITERACY 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 progress in individual and group learning and understanding in literacy and numeracy. Addressing the needs of children from all social groups and cultural backgrounds. Developing a sensitivity for the needs of all children from a variety of perspectives.

Courses: ED17

Contact hours: 3 per week Credit points: 12

► EAN613 EARLY CHILDHOOD CURRICULUM PRIORITIES

Curriculum theories and practices are examined from an early childhood education perspective. Topics include child study, working in partnership with parents, environments that teach, and maintaining a balance between concerns for content to be taught and for the quality of the learning experience. Outcomes for students include critical awareness of decision making priorities that will result in child and family responsive curriculum.

Courses: ED17

Contact hours: 3 per week Credit points: 12

► EAP533 CHANGE IN CHILDREN: BIRTH TO EIGHT YEARS

Techniques for observing and analysing child behaviour and development; family and educational contexts; critical discussion of the findings of current developmental research in early childhood; the role of family diversity; the interactions between young children, families and the wider social and community contexts; issues facing families within community contexts; and the analysis of transactions involving professionals, young children, families and community.

Courses: ED20, ED44, ED53

Credit points: 12

► EAP534 CURRICULUM IN EARLY CHILDHOOD 1

The development of problem solving, explanation, investigation, self-expression, originality, divergent thinking and risk-taking in young children in relation to communication, movement, the expressive arts, mathematics, social studies and health curriculum; approaches and suitable materials for these curriculum areas within various early childhood settings; analysis of teaching strategies.

Courses: ED20, ED44, ED53

Credit points: 12 Incompatible with: EAP529

► EAP535 CURRICULUM IN EARLY CHILDHOOD 2

Planning and evaluating early childhood programs for children birth to 8 years; organisation and administration of programs for young children; examination of approaches to teaching; early intervention programs; interdisciplinary teamwork and support; strategies for working with parents and community agencies; professional behaviour and ethics.

Courses: ED20

Contact hours: EAP534

Credit points: 12

► EAP536 CURRICULUM IN EARLY CHILDHOOD 3

Current approaches to the teaching of literacy and numeracy in the early years; diagnosis and assessment in early literacy and numeracy; the expressive arts and the sciences as modes of learning and teaching in the early years; applications of technology with young children; planning and teaching for individual and group needs.

Courses: ED20

Prerequisites: EAP534, EAP535

Contact hours: 12

Contact hours: EAP537

Contact hours: EAP537

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contributions to early childhood research from other fields.

Course: ED20  Credit points: 12  
**EAP539 TRANSACTIONS IN EARLY CHILDHOOD EDUCATION**  
Examination of the implications of social, cultural and geographical factors for early childhood education; consideration of the effects of technology and media, and ethical and legal obligations, procedures and techniques for case studies; formulating a personal philosophical statement.

Courses: ED20, ED23  Credit points: 12

**EDB002 TEACHING AND LEARNING STUDIES 1: TEACHING IN NEW TIMES**  
Teaching today is being practised in a changing world. New forms of culture and society have emerged alongside new techniques and tools that are transforming both social theory and cultural studies, so that they may respond to these transformations in an informative and professional manner. This unit provides a sociological and cultural studies framework which incorporates social and cultural analysis of an educational site which will help you develop effective teaching/learning programs. This unit focuses on your professional development as an educator, and reinforces the twin themes of teacher as researcher, and teacher as reflective practitioner. It provides the first set of teaching experiences, in a graduated sequence over the course of your BEd. In these you develop the ability to plan, implement and evaluate effective teaching/learning programs. This requires an understanding of learner needs, curricular knowledge, pedagogical strategies and effective classroom environments, and sensitivity to socio-cultural contexts.

Contact hours: 3 per week  Credit points: 12

**EDB001 EARLY CHILDHOOD FIELD STUDIES 1: DEVELOPMENT AND LEARNING IN THE FIELD**  
This unit focuses on your professional development as an educator, and reinforces the twin themes of teacher as researcher, and teacher as reflective practitioner. It provides the first set of teaching experiences, in a graduated sequence over the course of your BEd. In these you develop the ability to plan, implement and evaluate effective teaching/learning programs. This requires an understanding of learner needs, curricular knowledge, pedagogical strategies and effective classroom environments, and sensitivity to socio-cultural contexts.

Contact hours: 3 per week  Credit points: 12

**EDB004 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 client group, and planning and promotion of appropriate training strategies.

Courses: ED54  Contact hours: 10/20 day placement; pre- and post-tutorials 1-3 hrs/wk for 7 weeks  Credit points: 12

**EDB401 FIELD EXPERIENCE 2**  
In Part 3 (In-Field), students learn how to deliver training sessions as part of a training program. They also learn the requirements for planning, delivering and reviewing training on a one-to-one or small group basis. Part 4 (In-Field) enables students to learn how to record data on training and to use this to assess the effectiveness of training.

Courses: ED54  Prerequisites: EDB400  Corequisites: EDB400  Contact hours: 20 day placement; pre- and post-tutorials  Credit points: 12

**EDB002 TEACHING AND LEARNING STUDIES 2: DEVELOPMENT AND LEARNING**  
This unit has the dual purposes of promoting your own personal and professional development as life long, creative, autonomous learners, capable of reflection and high level thinking, and of enabling you, as educators, to promote similar development in your learners. Pursuit of these aims will involve an exploration of human development, from personal and interpersonal perspectives, with sensitivity to socio-cultural contexts, and with a particular focus on the theory, research and practice which informs educators about how learners construct knowledge and become creative, self-motivated thinkers and practitioners.

Courses: ED90, ED91, IXO1-IX09, IX12, IX14  Contact hours: 3 per week  Credit points: 12

**EDB003 TEACHING AND LEARNING STUDIES 3: PRACTISING EDUCATION**  
This unit provides a sociological and cultural studies framework which provides an insightful explanation of the education process in its various sites is constructed and organised. The unit includes a sociocultural analysis of an educational site which will be undertaken in conjunction with the Field Studies unit.

Courses: ED90, ED91, ED92, IXO1-IX09, IX12, IX14  Contact hours: 3 per week  Credit points: 12

**EDB006 LEARNING NETWORKS**  
This unit provides the concept of learning networks: interacting social and technical systems that lead to collective sense-making and knowledge construction. The unit incorporates the nature and use of Information and Communication Technologies (ICTs); learning theories and technologies; and socio-technical practices in learning networks.

Courses: ED51, ED55, ED90, ED91, ED92, ED83, ED83, IF70-79  Contact hours: 3 per week  Credit points: 12

Incompatible with: MDB8385  

**EDB007 CULTURE STUDIES:**  
**INDIGENOUS EDUCATION**

Numerous government reports and recent discussions about reconciliation have called for an increased commitment to Indigenous education in Australia. Teachers are increasingly being asked to improve their skill, knowledge and understanding to teach Indigenous students, and to teach in an environment where Indigenous student viewpoints on social, cultural and historical matters. This unit will begin with an analysis of your own cultural context, and the ways that you will move forwards towards an understanding of Aboriginal and Torres Strait Islander perspectives on histories, learning programs, and on the understanding of why Aboriginal and Torres Strait islander students have been so disadvantaged by the Australian education system.

Courses: ED51, ED82, ED90, ED91, ED92, ED93  Contact hours: 3 per week  Credit points: 12

**EDB021 PRIMARY FIELD STUDIES 1: DEVELOPMENT AND LEARNING IN THE FIELD**  
This unit focuses on your professional development as an educator, and reinforces the twin themes of teacher as researcher, and teacher as reflective practitioner. It provides the first set of teaching experiences, in a graduated sequence over the course of your BEd. In these you develop the ability to plan, implement and evaluate effective teaching/learning programs. This requires an understanding of learner needs, curricular knowledge, pedagogical strategies and effective classroom environments, and sensitivity to socio-cultural contexts.

Courses: ED91, IX12, IX14  Contact hours: 3 per week  Credit points: 12

**EDB031 SECONDARY FIELD STUDIES 1: DEVELOPMENT AND LEARNING IN THE FIELD**  
This unit focuses on your professional development as an educator, and reinforces the twin themes of teacher as researcher, and teacher as reflective practitioner. It provides the first set of teaching experiences, in a graduated sequence over the course of your BEd. In these you develop the ability to plan, implement and evaluate effective teaching/learning programs. This requires an understanding of learner needs, curricular knowledge, pedagogical strategies and effective classroom environments, and sensitivity to socio-cultural contexts.
UNIT SYNOPSIS

**EDB431 PRIMARY PROFESSIONAL PRACTICE 2: CURRICULUM DECISION MAKING**

Examination of aspects of curriculum decision making to acquire the knowledge, skills and processes required to support and implement long and short range planning. Curriculum development, curriculum implementation and curriculum evaluation are investigated to refine daily, weekly and term programs. Particular attention is given to cooperative teaching of an integrated unit of work. Includes 20 days of practice teaching in a primary school.

Courses: EDS51, EDS56, IF82, IF84
Prerequisites: EDB430
Contact hours: 2 per week, 20 days school placement
Credit points: 12

**EDB432 PRIMARY PROFESSIONAL PRACTICE 3: INCLUSIVE CURRICULUM**

Addresses the social, political and material relations that exist in differing classroom curriculum practices, examining both the constraining and enabling factors that impact on and generate possibilities within the conceptualising of the inclusive curriculum. A report is done with the support of practising teachers, and critical self-analysis of classroom practices and possibilities. Includes 20 days of practice teaching in a primary school.

Courses: EDS51, EDS56, IF82, IF84
Prerequisites: EDB431
Contact hours: 2 per week, 20 days school placement
Credit points: 12

**ED50-52, ED55, IF70-79**

**ED51, ED56, IF82, IF84**

**ED23, ED26, ED47, ED50, ED51, ED53, ED57, ED58, ED59, IF81, IF83**

**ED50-52, ED55, IF70-79**

**ED51, ED56, IF82, IF84**

**ED13, ED14, ED11, ED61, ED77**

**ED608 PROJECT**

A minor research project that provides students with an opportunity to external synthesise and analyse knowledge from core and elective units through, for example, a critical literature review, the development of a new practice resource, or a project of change in their workplace.
UNIT SYNOPSIS

Courses: ED13, ED14, ED61, ED77
Prerequisites: EDN611

► EDN611 UNDERSTANDING EDUCATIONAL RESEARCH

The foundation unit for studying research methods. It provides students with a solid grounding in and knowledge of the most appropriate methods of data collection, analysis and reporting. It offers students the opportunity to develop critical thinking skills, and the ability to evaluate and interpret research findings. It is strongly recommended that students complete this unit before taking any of the subsequent research courses.

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. Students will be able to identify the most appropriate methods of data collection, analysis and reporting. They will learn to design research projects, collect and analyse data, and report findings. It is strongly recommended that students complete this unit before taking any of the subsequent research courses.

Credit points: 12

Courses: ED13, ED11, ED61

Prerequisites: EDN611 or equivalent

Credit points: 12

► EDN620 DISSECTATION

Designed to enable students to develop their research potential through following up a research design developed in the unit. Advanced Research Design, and knowledge and ability to conduct research to a significant piece of written research in the form of a dissertation.

Courses: ED13, ED14, ED61, EDN612

Credit points: 36

► EDN621 PROFESSIONAL PRACTICE 1: LEARNERS AND TEACHERS IN CONTEXT

Integration of knowledge of learning, development, and contexts, with knowledge of the curriculum, in order to plan and implement learning episodes that are responsive to the needs of individual learners. The central role of communication in successful implementation of planned learning episodes will be explored. A practicum (5 single days and 10 days block) in the Area of Specialisation (Early Childhood, Primary, Secondary) will provide first hand experience of the curriculum and of specific teaching and learning contexts.

Courses: ED17, ED18, ED19

Contact hours: 3 per week Credit points: 12

► EDN622 PROFESSIONAL PRACTICE 2: CLASSROOM MANAGEMENT AND INTRODUCTION TO PROFESSIONAL PRACTICE

This unit builds on the first Professional Practice unit. It affords an opportunity for approaches, strategies and skills associated with the practising teacher’s role to be introduced and applied within the ambit of classroom management with reference to the concepts of the teacher as communi- cator, planner, manager and facilitator of learning. In both campus-based and field-based components, the principle of reflective practice is paramount in the unit. Includes 25 days of practi- ce teaching.

Courses: ED17, ED18, ED19

Contact hours: 3 per week Credit points: 12

► EDN623 PROFESSIONAL PRACTICE 3: CHANGE, DIFFERENCE AND INCLUSION

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 practi- cum using a number of learning modes including literature reviews, presentation of current research, critical field analysis, and analysis of research findings in order to enhance existing prac- tices, case studies and, with the support of practising teachers, critical reflections upon classroom practices and possibilities. Includes 20 days of practice teaching.

Courses: ED17, ED18, ED19

Prerequisites: EDN621

Contact hours: 3 per week Credit points: 12

► EDN624 PROFESSIONAL PRACTICE 4: CURRICULUM DESIGN, ASSESSMENT AND EVALUATION

This unit will introduce participants to key concepts underlying contemporary curriculum design, development, assessment and evaluation in rapidly changing higher education contexts. Students will be required to critique, re-construct and synthesise curriculum content and specific contexts at the levels of design, development, assessment and evaluation.

Credit points: 12

► EDP508 PRACTICUM IN EARLY CHILDHOOD 1

Observation; planning, 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 practi- cums.

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 practi- cums.

Courses: ED20

Prerequisites: EAP533

Credit points: 6

► EDR702 THESIS 1 (9)

Provides students with an opportunity to extend and synthesise knowledge from the coursework section; allows the coursework to be applied as it may be used in future work situations; provides the opportunity to explore significant and meaningful themes relevant to the student’s professional practice.

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 perspec- tive to include elements derived from theoretical perspectives drawn from a number of disciplines; seeks to provide a context in which students and tutors who seek the personal and professional bene- fits that the broadening and deepening of their knowledge affords.

Courses: ED11

Prerequisites: EDR703

Credit points: 216 (24 each)

► EDR704 THESIS 2 (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 the opportunity to explore significant and meaningful themes relevant to the student’s professional practice.

Credit points: 24

► EEB112 ELECTRICAL AND COMPUTER ENGINEERING 1

The unit comprises two modules: Electric Circuits and Introductory Computing. The first module covers fundamental quantities involved in computer and network laws, response to sinusoidal sources, and circuit measurements. The second module covers fundamentals of problem solving using
UNIT SYNOPTES

computers and programming, techniques for writing correct and efficient programs.
Courses: EE41, EE46, EE47
Prerequisites: MAB132
Contact hours: 4 per week
Credit points: 12
Semester: 1
► EEB112 ANALOG AND DIGITAL ELECTRONICS
The unit covers the serious of electrical and electronics devices, circuits and systems for the foundation of the characteristics and operation of discrete-time signal processing using the z-transform is provided.
Courses: EE41, EE46, EE47
Prerequisites: EEB340, MAB134
Corequisites: MAB135
Contact hours: 4 per week
Credit points: 12
Semester: 2
► EEB130 INTRODUCTION TO AVIONICS
This unit introduces students to Avionics in a non-technical way. It focuses primarily on avionics architecture and provides a basic understanding of the basic components of flight systems, including an introduction at an introductory level. It also gives an overview of the electronics inside an aircraft, the aircraft environment, and flight simulation.
Courses: EEB130, IF28, IF59
Contact hours: 5 per week
Credit points: 12
Semester: 1
► EEB121 ELECTRICAL AND COMPUTER ENGINEERING 1
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 resistance, 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: EEE12, EEB128, IF28, IF59
Prerequisites: EEB112
Contact hours: 5 per week
Credit points: 12
Semester: 2
► EEB131 ELECTRICAL CIRCUITS AND MEASUREMENTS
The unit covers fundamental electrical quantities, Kirchhoff’s laws, direct current and alternating current, response of RL and RC circuits to dc and sinusoidal sources, Thévenin and Norton equivalents, power transfer, three-phase systems, series and parallel resonance, mutual inductance and transformers, computer-aided analysis of circuits using PSPICE, electrical measurement and analysis of practical experiments.
Courses: IF59, EE46, EE47
Contact hours: 4 per week
Credit points: 12
Semester: 2
► EEB220 ELECTRICAL ENGINEERING 2M
The unit covers basic network laws, response to sinusoidal sources, real and reactive power calculation, power factor improvement, electric and magnetic fields, three-phase system, transformer theory, dc and ac rotating machines and their associated circuits, basic PLC circuits, filters, PLC and operational amplifier circuits and applications.
Courses: ME36, ME41, ME42, ME48, IF57
Prerequisites: EEB112
Contact hours: 4 per week
Credit points: 12
Semester: 1
► EEB311 ELECTRICAL MEASUREMENTS AND MACHINES
Courses: EE41
Prerequisites: EEB212 or EEB213
Contact hours: 4 per week
Credit points: 12
Semester: 1
► EEB312 ANALOG AND DIGITAL ELECTRONICS
Analog and digital electronics devices, circuits and systems are the foundation for all electronic systems. This foundation serves all electronics engineers and also provides a good hardware basis for computer engineering students. The aim of this unit is to provide awareness of the fundamental components and operational characteristics of discrete semiconductor components, to introduce analogue circuit design and to provide a good grounding in the basic principles of digital design.
Courses: EE41, EE46, EE47
Prerequisites: EEB212 or EEB213
Contact hours: 6 per week
Credit points: 12
Semester: 1
► EEB410 INTRODUCTION TO TELECOMMUNICATIONS
Telecommunication systems and the principles underlying their operations are introduced starting from fundamental theories such as Fourier series and the Fourier transform. Basic radio receivers and antennas, analog modulation techniques, digital communication systems and circuits for generation and demodulation and basic properties of noise and its effects on modulation systems are studied using time and frequency domain analysis.
Courses: EE41, EE46, EE47
Prerequisites: MAB132
Contact hours: 3 per week
Credit points: 12
Semester: 1
► EEB411 CLASSICAL CONTROL AND POWER SYSTEMS
The unit is a core unit with the modules Control Systems and Power Systems. It instils the foundation of feedback control theory for engineers and introduces the student to basic classical feedback control theory, analysis and synthesis. The second module covers power generation, and energy sources, electricity market operation, fault calculations, and power system operation, in particular real and reactive power control.
Courses: EE41, EE42
Prerequisites: EEB311, MAB132
Corequisites: EEB440
Contact hours: 4 per week
Credit points: 12
Semester: 1
► EEB412 ADVANCED ELECTRONICS AND EMBEDDED SYSTEMS
The two modules of this unit Electronics B and Embedded Systems provide a basis for electronic circuit design in general but also in connection with microprocessor systems. Operational amplifiers and comparators for use in signal conditioning and instrumentation amplifiers are presented as well as integrated circuits as building blocks for system design. Students are given a good grounding in the practical aspects of design and operational use of embedded microprocessor/microcontroller systems.
Courses: EE41, EE46, EE47
Prerequisites: EEB312
Contact hours: 5 per week
Credit points: 12
Semester: 2
► EEB431 AIRCRAFT SYSTEMS AND FLIGHT CONTROL
The modern aircraft is an extremely complex machine comprised of many systems. These systems include propulsion, engine management, flight management, flight control, navigation, life support and flight data recorders to name a few. The safe and accurate operation of all these systems is required to conduct a single flight. The modern avionics engineer requires an understanding of all of these systems and how they operate on modern civil and military aircraft. This unit places emphasis on the flight control systems of modern aircraft which is one of the primary sub-systems. As part of this, methods for modelling the dynamic behaviour of aircraft, missiles and spacecraft are introduced, along with the criteria for stability.
Courses: EE48
Prerequisites: EEB130, EEB212, MMB251
Contact hours: 6 per week
Credit points: 12
Semester: 2
► EEB440 CLASSICAL SIGNAL PROCESSING
The unit covers the area of Signals in Linear Systems for both continuous and discrete time. The study of Fourier theory applied to analog signals and to the analysis of linear systems is given. System analysis is presented in both continuous and discrete time and various characteristics and relationships in the two domains are discussed. Students are introduced to the classical design of filters such as the Butterworth and Chebyshev along with a brief exposure to their realization as analog circuits. The sampling theorem and Nyquist criterion are discussed in detail and an introduction to
UNIT SYNOPSES

**EBE656 REAL-TIME COMPUTER-BASED SYSTEMS**
This unit covers the area of embedded systems and real-time kernels. C programming is reviewed in the context of real-time applications where it is often mixed with assembly language. Data representations, input-output programming, concurrency, Scheduling, memory management and debugging, optimisation are discussed. Programming laboratory exercises introduce development tools and reinforce fundamental concepts of programming, pre-emptive scheduling, resource sharing, priority inversion and deadlock. Students develop a simple real-time control system, using a programmable logic micro-controler.

**Courses:** EBB412, IJB421
**Contact hours:** 4 per week  **Credit points:** 12  **Campus:** GP  **Semester:** 1

**EEB584 INTRODUCTION TO DESIGN**
Introduction to general principles of electronic circuit and electrical equipment design and realisation; design and implementation of basic electronic circuits; experience in undertaking engineering projects, prototyping and testing in teams. The unit gives students the opportunity to apply their theoretical knowledge to real-life engineering problems.

**Courses:** EEB41, EEB42, EEB46, EEB47
**Prerequisites:** EBB412
**Contact hours:** 1 per week  **Credit points:** 12  **Campus:** GP  **Semester:** 1

**EEB585 AEROSPACE SYSTEMS DESIGN**
This is the first of three aerospace engineering design units for the course. Aerospace design is always carried out in teams and the design is done according to a strict industry-standard system 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 project design 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:** EEB41, EEB42, EEB47
**Prerequisites:** EBB440, MAB135
**Contact hours:** 4 per week  **Credit points:** 12  **Campus:** GP  **Semester:** 2

**EEB640 DIGITAL SIGNAL PROCESSING**
The unit comprises the area of Digital Signal Processing and provides students with the fundamental multi-time-domain processing; discrete Fourier transform; discrete convolution; digital filters and digital spectral estimation, with examples on the use of these tools in the IT systems disciplines, so as to prepare the student to solve practical problems.

**Courses:** EEB46, EEB47
**Prerequisites:** EBB440
**Contact hours:** 4 per week  **Credit points:** 12  **Campus:** GP  **Semester:** 2

**EEB641 FIELDS TRANSMISSION AND PROPAGATION**
Fundamental concepts of static and time varying electromagnetic fields; Maxwell’s equations and the characteristics of their solution, such as wave equations, losses in various media and energy flow; numerical methods; transmission line theory, terminated line, Smith Circle Chart usage and lattice diagram; propagation modes in waveguides and optical fibre; free-space propagation, reflection, refraction, diffraction; basic antenna theory; transmission parameters in EBB41; transmission equation, half-wave dipole, two-element array.

**Courses:** EEB41, EEB47
**Prerequisites:** MAB135
**Contact hours:** 4 per week  **Credit points:** 12  **Campus:** GP  **Semester:** 1, 2

**EEB650 POWER SYSTEMS ANALYSIS**

**Courses:** EEB41, EEB42  **Prerequisites:** EBB511
**Contact hours:** 4 per week  **Credit points:** 12  **Campus:** GP  **Semester:** 2

**EEB666 COMMUNICATION ENVIRONMENTS FOR EMBEDDED SYSTEMS**

**Courses:** EEB46
**Prerequisites:** EEB412, IJB421, EEB566
**Contact hours:** 4 per week  **Credit points:** 12  **Campus:** GP  **Semester:** 2

**EEB684 ADVANCED DESIGN**
Detailed design and realisation of typical electrical subsystems used in all areas of electrical and electronic systems. The unit comprises the student’s ability in solving complex engineering problems. The design builds on the theoretical knowledge gained in other units. As part of the advanced design project and also serve as an introduction to a number of engineering skills including high-level thinking, project planning, information retrieval techniques, writing report and oral presentation skills. The student is required to write a detailed technical report and also give an oral presentation on her/his design.

**Courses:** EEB41, EEB42, IF21, IF28, IF59, EEB46, EEB47
**Prerequisites:** EEB584
**Contact hours:** 1 per week  **Credit points:** 12  **Campus:** GP  **Semester:** 2

**EEB685 ADVANCED AEROSPACE DESIGN**
Detailed design and realisation of typical electronic subsystems used in all areas of electrical and electronic systems engineering. The unit enhances the student’s ability in solving complex engineering problems. The design builds on the theoretical knowledge gained in other units. The student is required to write a detailed technical report and also give an oral presentation on her/his design.

**Courses:** EEB41, EEB42, IF21, IF28, IF59, EEB46, EEB47
**Prerequisites:** EBB584
**Contact hours:** 1 per week  **Credit points:** 12  **Campus:** GP  **Semester:** 2

**EEB686 INDUSTRY PRACTICE**
Industry Practice provides high achieving students the opportunity to participate in a co-operative education environment created by a partnership between the student, industry and the University. The unit aims at developing knowledge of, and experience in, the practices and procedures in the workplace environment. Students will apply for paid employment with an industry partner registered for this program. The process will be open and competitive, and an interview will be conducted as a result of an application process. The duration of the employment is expected to be from 4 to 6 months, with 24 to 40 hours per week, and must overlap the application process. The duration of the employment will be open and competitive, and an interview will be conducted as a result of an application process. The duration of the employment is expected to be from 4 to 6 months, with 24 to 40 hours per week, and must overlap the application process.

**Courses:** EEB41, EEB42, EEB46, EEB47, EEB48
**Prerequisites:** EBB584
**Contact hours:** 1 per week  **Credit points:** 12  **Campus:** GP  **Semester:** 2

**EEB782 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 detecting military systems will be discussed. ECM/CCM, Sonar Processing, Laser Processing and Guidance, Radar Guidance/Sighting, Gun Sights, Weapons Control Systems, IF/IF 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:** EEB48
**Prerequisites:** EBB435, EBB560, EBB460, EBB641

**Credit points:** 12

**Semester:** 1
UNIT SYNOPSIS

Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 2
EEB635 SPACECRAFT GUIDANCE AND NAVIGATION
General introduction to spacecraft guidance and navigation systems and concepts. Coordination of spacecraft guidance and navigation. Discussion of spacecraft orbit and attitude dynamics. Detailed description and discussion of GNSS system aspects, GPS observables and data processing. Description and discussion of spacecraft guidance and navigation systems and methods. Methods of orbit and attitude determination. Discussion of spacecraft actuators.

Courses: EE41, EE42, EE48, IF21, IF28, IF59
Prerequisites: EEB631, EEB584
Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 2

► EEB35 NAVIGATION SYSTEMS FOR AIRCRAFT
Modern aviation continues to flourish, with millions of passenger miles flown each year throughout the world and in all kinds of weather conditions. Safe and reliable navigation is one of the primary roles that ensure those flights. In past years pilots navigated visually but this relied on fair weather conditions. Today pilots use inertial navigation systems to navigate all types of weather conditions day or night. This unit presents the principles and practices of modern navigation systems and systems. To be a competent Avionics Engineer, a detailed knowledge of the principles of navigation is a mandatory requirement. Navigation is a fundamental building block for all aspects of aerospace projects.

Courses: EE48Prerequisites: EEB560, EEB641
Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 2

► EEB82 INDUSTRY PROJECT
The CEED Industry Project may be completed in the first, second or third semester of the final year of the course. CEED is intended to introduce students to industry practices under the guidance of a qualified engineer/supervisor and prepare them with design, technical, teamwork and communication skills such as they are likely to encounter upon graduation. Because the project is industry based the student will spend the majority of their allocated project time performing practical engineering at the industry premises. Individually structured projects are offered to final year students on a competitive basis through a formal application and selection process.

Courses: EE41, EE42
Prerequisites: Completion of 3 years full-time study
Credit points: 36
Campus: GP Semester: 1, 2

► EEB899 PROJECT
This unit is divided into two parts: EEB899-1 and EEB899-2. Students normally complete part 1 in semester 1 and part 2 in semester 2 in their final year of study. An engineering project on a specified topic is completed; the work will require design, computing, construction, experimental work and practical testing with the submission of appropriate reports; the topic is selected from any area which involves electronics, computing, control, communication, signal processing, electrical power, or aerospace/aviation. The project may include programming, circuit and system design.

Courses: EE41, EE42, IF21, IF28, IF59, EE46, EE47
Prerequisites: Completion of the first three years of study.
Contact hours: 1 per week Credit points: 24
Campus: GP Semester: 1, 2

► EEB904 ADVANCED TOPICS IN ELECTRONIC ENGINEERING A
This unit introduces students to the current technology based on research that is the expertise of visiting specialists within the School. It runs as an elective in the final year of the course subject to availability of staff and relevance of the topic.

Courses: EE41, EE42, EE48, IF21, IF28, IF59
Credit points: 12

► EEB905 ADVANCED TOPICS IN ELECTRONIC ENGINEERING B
This unit introduces students to the current technology based on research that is the expertise of visiting specialists or staff within the School. It runs as an elective in the final year of the course subject to availability of staff and relevance of the topic.

Courses: EE41, EE42, EE48, IF21, IF28, IF59
Credit points: 12
Campus: GP

► EEB911 ELECTRICAL ENERGY SYSTEMS
Electric power transmission and distribution networks; structure and controls. Quality and reliability of electricity supply. Energy utilisation in buildings; lifts fire systems standby generation, lighting, communication, air conditioning. Renewable energy options; characteristics and utilisation of alternative sources. The electricity market.

Courses: EE41, EE42, EE48, IF21, IF28, IF59
Prerequisites: EEB511, EEB584
Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 2

► EEB941 MODERN SIGNAL PROCESSING
This unit gives a comprehensive introduction to the representation 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, IF21, IF28, IF59
Prerequisites: EEB460
Contact hours: 4 per week Credit points: 12
Semester: 1

► EEB942 WIRELESS COMMUNICATIONS
Cellular Mobile Radio System Concepts, Mobile Radio Propagation, Spread spectrum techniques and CDMA, and coding modulation and channel coding techniques for GSM and CDMA. Fading mitigation through diversity, Inter-symbol interference mitigation, and the GSM and CDMA standards. The WAP and the GPRS, Introductions to UMTS/IMT2000, Introduction to personal communications, Introduction to blue tooth technology. Other systems including Wireless LAN, Wireless Local loop, Microwave local multipoint distribution systems (LMDS) and LEO satellite communications.

Courses: EE41, EE42, IF21, IF28, IF59, EE47
Prerequisites: EEB560
Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 2

► EEB961 RF AND APPLIED ELECTROMAGNETICS
Lumped and distributed microwave and RF circuits, including [y], [I] and [s] parameters. Impedance matching techniques. Passive and active microwave circuit design techniques. Microwave and RF measurement techniques. Linear antennas and microwave antennas. Analysis and synthesis of antenna arrays. Specialised antennas and antenna measurements. EMC definition, standards and regulations; test plan; measurements; interference coupling, susceptibility, EMC design techniques, component selection, circuit layouts, grounding, shielding, filters, suppressors, isolation and safety; EMC management; propagation of electromagnetic fields in electrical materials; application of numerical methods.

Courses: EE41, EE42, EE48, IF21, IF28, IF59
Prerequisites: EEB641
Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 1

► EEB976 ADVANCED INDUSTRIAL ELECTRONICS
Twelve of the following modules will be offered each year: 1. Switching converters, variable speed drive control, power system compensation control systems, UPS’s, transformer switch control, power supplies, resonant power supplies. 2. Basic microprocessor systems, M68332 CPU, architecture, assembly language, microprocessor system integration, queued serial communications, time processor unit, peripheral devices and interfacing, parallel/serial communications, SPI, I2C, I2C, A/D, DAC’s, waveforms, microprocessors. 3. RF systems, transmitters and receivers, superheterodyne, antenna filters, LNA, mixer, LO, IF amplifiers, modulator, demodulator, RF switches, impedance matching, high frequency effect on components, microstrip techniques, CAD RF design.

Courses: EE41, EE42, IF21, IF28, IF59
Prerequisites: EEB412
Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 2

► EEB992 VSLS CIRCUITS AND SYSTEMS
Introduction to microelectronic circuits and systems, MOS transistor fundamentals, fabrication processes, mask layout, parasitic effects, combinational logic circuits, sequential logic circuits, memory systems. System and subsystem design, semi-custom designs, layouting and performance, circuit verification, testability, case studies. CAD Tools for VLSI, VHDL system specification, modelling and verification tools.

Courses: EE41, EE45, EE48, IF21, IF28, IF59
Prerequisites: EEB412
Contact hours: 3 per week Credit points: 12
Campus: GP Semester: 2

► EEI101 ALGORITHMS FOR CONTROL AND ENGINEERING
Solution of equations using numerical analysis methods and computer algorithms; differential and difference equations, numerical approximations and computational flow diagrams. Computer control of closed-loop systems, continuous and discrete systems, system hardware, sampled data systems design techniques, system simulation; state-space theory, and system performance optimisation; state equation, transformations, state equation solution, closed-loop system pole-placement design, performance criteria, dynamic optimisation methods; spectral analysis and digital filtering; discrete time adaptive filters; an introduction to neural networks and to fuzzy logic.

Courses: EE65, EE66, EE76
Contact hours: 3 per week Credit points: 12
Campus: GP Semester: 2

► EEI102 UNIX AND C FOR ENGINEERS
This unit covers C programming and the Unix operating system. Unix commands, file structure, processes, shells and shell scripts are discussed. C programming is covered without assumed prior knowledge but at a level and pace suited for the postgraduate or advanced undergraduate student. Data types, operators and expressions, control flow, functions, pointers and arrays, strings, data structures, memory allocation, input and output and support for real-time applications is discussed. Self-study tutorials are used to reinforce fundamental concepts. An engineering application is chosen for the assignment that is conducted in a problem-based learning framework.

Courses: EE61, EE67, EE74, EE77
Contact hours: 3 per week Credit points: 12
Campus: GP Semester: 2

► EEI103 COMPUTER HARDWARE AND INTERFACING
State-of-the-art digital devices; design and implementation of digital devices and integrated circuits and microcontroller systems and interfacing; computer architectures, subsystems and peripheral devices.

Courses: EE61, EE67, EE74, EE77
Contact hours: 3 per week Credit points: 12
Campus: GP Semester: 1
UNIT SYNOPTES

► EEP104 REAL-TIME OPERATING SYSTEMS
The course covers operating systems principles with emphasis on real-time operating systems. Operating system fundamentals are introduced and several concepts such as context switching, input/output management, file management, resource allocation and scheduling; protection are developed in detail with a Unix-like operating system such as Minix or Linux as the example. Students enhance their C programming skills in assignments on multitasking, interrupt-driven input/output, and device driver modification. Current commercial real-time operating systems such as QNX are reviewed.

Credits: 3 per week  Credit points: 12
Campus: GP  Semester: 2

► EEP120 NETWORKS AND DISTRIBUTED COMPUTING
The Open System Interconnection model and the more common standards which support the model; layers 3-7 covered in depth, layers one and two covered by reference; computers, software packages; network topologies, software techniques, data transfer protocols; examples of local area network area networks; hardware implementation of OSI layers and protocols; Modern High Performance Networking protocols such as FDDI and ATM, treated as extensions of the OSI model.

Courses: EE61, EE67, EE74, EE77
Contact hours: 3 per week  Credit points: 12
Campus: GP  Semester: 2

► EEP123 PROCESS CONTROL AND ROBOTICS
Introduction to robotics; introduction to CNC machine tools; process control; controller tuning, plant characterisation and process optimisation; computer simulation and algorithms.

Courses: EE61, EE67, EE74, EE77
Contact hours: 3 per week  Credit points: 12
Campus: GP  Semester: 2

► EEP124 DATA COMMUNICATIONS
This unit will provide an in-depth knowledge of digital telecommunications systems: the various types of modems, their use and specifications; the different aspects of interfacing for data communications; coding, compression and encryption of data; network models and other specialised topics.

Courses: EE61, EE67, EE74, EE77
Contact hours: 3 per week  Credit points: 12
Campus: GP  Semester: 1

► EEP126 COMMUNICATIONS DIGITAL SIGNAL PROCESSING
Sampling, channel coding, waveform coding; adaptive filtering in communication; applications of speech technology in communication; applications of control theory, real-time control of devices and their applications in communications.

Courses: EE61, EE67, EE74, EE77
Contact hours: 3 per week  Credit points: 12
Campus: GP  Semester: 1

► EEP128 DETECTION AND ESTIMATION
Introduction to the theory of random variables and probability; signal detection, hypothesis tests, Neyman-Pearson detectors; uniformly most powerful tests for Gaussian case. Examples of detection problems; deterministic and deterministic signal in Gaussian noise of known probability distribution; Matched-Filter interpreta image restoration; introductory mathematical morphology; boundary detection techniques and algorithms; image segmentation; shape description techniques; neighbourhood operators; and image representation by stochastic models.

Courses: EE61, EE67, EE74, EE77
Contact hours: 3 per week  Credit points: 12
Campus: GP  Semester: 2

► EEP129 IMAGE PROCESSING AND COMPUTER VISION
The aim of this unit is to provide theoretical and practical exposure to the fundamentals of image processing and computer vision with exposure to important algorithms and applications. It covers image acquisition, image representation and modelling, image enhancement, image restoration, edge detection, image segmentation, morphological and wavelet techniques, shape description, classification and fundamentals of projective geometry and stereo vision.

Courses: EE67, EE74, EE77
Contact hours: 3 per week  Credit points: 12
Campus: GP  Semester: 2

► EEP135 DIGITAL SIGNAL PROCESSING AND ITS APPLICATIONS
General properties of stationary processes; basic spectral properties of the processes; practical aspects of digital spectral estimation; identification of linear time-invariant systems; spectral estimation; identification of nonlinear systems; an update in the advances in digital signal processing.

Courses: EE61, EE67, EE74, EE77
Contact hours: 3 per week  Credit points: 12
Campus: GP  Semester: 2

► EEP201 FUNDAMENTALS OF POWER SYSTEM EARTHING
Electrode resistance, potential gradient areas of common types of electrodes; multiple electrodes; stratified grounds; resistive shunts, calculation of step and touch potentials; introduction to substation earthing; ground potential rise of structures, grids, compounds; measures of soil resistivity and electrode resistance; earthing of transmission lines: tower foot resistances, current division between ground and earth; earth wires, division of earth currents at substations; earth current distribution on faulted lines; distribution systems; MEN, SWER, safety during faults; flow of current resulting to ground.

Courses: EE60, EE78, EE82
Contact hours: 15 hours short course/education
Credit points: 4  Campus: GP

► EEP202 THERMAL RATING AND HEAT TRANSFER
Thermal conductivity of 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 transient temperatures of power transformers; 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 ratings on power transformers - cooling methods, emergency overloads.

Courses: EE60, EE78, EE82
Contact hours: 15 hours short course/education
Credit points: 4  Campus: GP

► EEP203 TESTING AND CONDITION MONITORING

Courses: EE60, EE78, EE82
Contact hours: 15 hours short course/education
Credit points: 4  Campus: GP, EXT

► EEP204 POWER SYSTEM LOAD FLOW ANALYSIS
Data collection methods; p.u. revision; load flow algorithms; convergence criteria, multiple solutions, stability problems and sparsity and sparsity matrices; single and three-phase models: transformers, tap changers, overhead transmission lines, underground cables, capacitors and filters, controlled and non-controlled devices and generators and motors; representation. Load flow applications: base case and contingency analysis in planning augmentation options, system operations continuity analysis; Load flow analysis methodology - use of load forecasts, establishment of ‘base case’ and practical in analysis of transmission and distribution systems using an interactive package.

Courses: EE60, EE78, EE82
Contact hours: 15 hours short course/education
Credit points: 4  Campus: GP, EXT

► EEP205 POWER SYSTEM FAULT ANALYSIS
Representation of generators, lines, transformers in positive sequence equivalent circuits; balanced fault analysis; selection of source voltages from faulted line, digital higher-order sequence analysis; complete sequence representation of power system equipment: transformers, cables and lines per unit, negative, 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 un-transposed lines; interference with telecommunication circuits; short circuit calculations to AS5381 using an interactive computer package.

Prerequisites: EEP204
Contact hours: 15 hours short course/education
Credit points: 4  Campus: GP

► EEP206 PROJECT MANAGEMENT
Principles of project management and the operation of project management packages. Emphasis on the practical application of real-life cases 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 scheduling, analysis of critical path, type of resources, source profiles, resource scheduling, project monitoring and reporting.

Courses: EE60, EE78, EE82
Contact hours: 15 hours short course/education
Credit points: 4  Campus: GP

► EEP207 OVERHEAD LINE ROUTE SELECTION - ENVIRONMENTAL FACTORS

Courses: EE60, EE78, EE82
Contact hours: 15 hours short course/education
Credit points: 4  Campus: GP

► EEP208 ECONOMIC ANALYSIS FOR POWER SYSTEM ENGINEERS
Principles of economic analysis for a tax paying entity. Various evaluation techniques are addressed including both discounted and non-discounted techniques. The net present value approach is settled 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. ESI, econometric models for ESI, maintenance, refurbishment and replacement. Budgeting and cost control, budget preparation with spreadsheet applications, cash flows, measurement expenditure and budget review, profit and loss and balance sheets. Risk analysis including WACC calculations.

Courses: EE60, EE78, EE82
Contact hours: 15 hours short course/education
Credit points: 4  Campus: GP, EXT

► EEP209 POWER SYSTEM HARMONICS
UNIT SYNOPSIS

Generation of harmonics: converters, are furnaces, SVC, inverters, electronic control, system response, general characteristics, effect of load, typical system responses; effects of harmonics: motors, generators, power cables, converters, electronic equipment, metering, relaying, telephone interference; reactive power compensation and harmonic control: converter power factor improvement, harmonic compensation, control of harmonic currents; measurement of harmonics; recommended practices including AS2279.

Courses: EE60, EE78, EE82

Contact hours: 15 hours short course/distance education

Credit points: 4

Campus: GP, EXT

EEP210 ABNORMAL SYSTEM VOLTAGES
Supply quality standards: review of criteria, statutory requirements, emergency and short term limits; 50 Hz voltage: cause of voltage deviation; voltages during faults, motor starting; negative phase sequence voltages; AS1359 requirements; voltage unbalance studies, modelling, measurement; voltage transients and flicker: AS2279 requirements, disturbing loads, remedial measures, transient disturbances and power system plant; Power system transient analysis: ATP studies.

Courses: EE60, EE78, EE82

Prerequisites: EEP205

Contact hours: 15 hours short course/distance education

Credit points: 4

Campus: GP, EXT

EEP211 BASIC POWER SYSTEM PROTECTION

Courses: EE60, EE78, EE82

Prerequisites: EEP205

Contact hours: 15 hours short course/distance education

Credit points: 4

Campus: GP, EXT

EEP212 ADVANCED POWER SYSTEM PROTECTION
High impedance protection of power system plant including CT requirements and use of shunt and series resistors, nonlinear resistors, check schemes, back-up schemes, CT supervision. Protection of transformers, biased and high impedance differential schemes. Feeder differential protection: pilot wire, current differential and phase comparison schemes. Protection of HV capacitor banks, Application of single and 3 pole autoreclosing schemes to transmission systems. Protection of large motors. Protection of large generators.

Courses: EE60, EE78, EE82

Prerequisites: EEP211

Contact hours: 15 hours short course/distance education

Credit points: 4

Campus: GP, EXT

EEP213 STATISTICS
The role of statistics in electricity supply engineering. Strategies for collecting and recording values of random quantities that can be made; use of operational and inventory data. Graphical and numerical techniques to summarise data using statistical or spreadsheet packages. Revision of probability concepts, random variables, probability distributions. Specific distributions used in system and component reliability studies.

Courses: EE60, EE78, EE82

Contact hours: 15 hours short course/distance education

Credit points: 4

Campus: GP, EXT

EEP214 RISK ASSESSMENT IN THE ELECTRICITY SUPPLY INDUSTRY
Identification of hazards; failure modes and effects analysis; definition of risk and criticality analysis - outcomes from possible failure modes; hazard and operability studies; assessment of frequency of fault tree analysis, event tree analysis; assessment of consequences: consequence analysis, criticality assessment in terms of chance of failure and consequences, incident scenario, damage analysis, identification of legal and economic consequences; case studies including identification of hazards, assessment of risks, and consequences in ESI. Loss of load models in generation.

Courses: EE60, EE78, EE82

Prerequisites: EEP215

Contact hours: 15 hours short course/distance education

Credit points: 4

Campus: GP, EXT

EEP215 RELIABILITY

Courses: EE60, EE78, EE82

Prerequisites: EEP215

Contact hours: 15 hours short course/distance education

Credit points: 4

Campus: GP, EXT

EEP216 OVERHEAD LINE DESIGN - ELECTRICAL
Electrical design of transmission lines with ratings of 33kV to 500kV; economic conductor size; characteristics of conductors; standard and new technology insulators; power frequency, impulse and switching flashover voltage, pollution and creepage, wet and dry flashover, mechanical characteristics; feasible structure types; tower footing resistance and counterpoise; Insulation coordination methodology: determination of overvoltage withstand, design for required phasing/temperature/radius/accuracy and traceability of tests/interpretation of test results; surge phenomena in windings, RSG and impulse testing of power transformers, interpretation of test results; oil cooling systems; fire protection; tap changers and controls; analysis of transformer failure modes; In-phase and quad-break regulators; series and shunt reactors; reactors for harmonic filters; SVCs: design considerations and equipment characteristics.

Courses: EE60, EE78, EE82

Prerequisites: EEP203

Contact hours: 15 hours short course/distance education

Credit points: 4

Campus: GP

EEP219 HIGH VOLTAGE SUBSTATION EQUIPMENT: POWER TRANSFORMERS AND REACTIVE POWER PLANT
Principles of transformer design - distribution transformers to EHV transformers: rating, loading, design/selection, core losses/impedance and material properties, insulation and cooling methods/insulation lifetime; leakage and magnetostriction reactance; losses/harmonics/irrushi currents; switch contact resistance; tests to measure: test on phase ratings/temperature rise/radio interferenc

Courses: EE60, EE78, EE82

Prerequisites: EEP208, EEP211, EEP219

Contact hours: 15 hours short course/distance education

Credit points: 4

Campus: GP

EEP220 DISTRIBUTION PLANNING
Identify data and techniques used in load forecasting. Examine typical distribution network problems and identify performance limitations based on standards. Relate network problems to different configurations: effects on customers. Study network reinforcement options on a simulation package. Options include regulators, series and shunt capacitors.

Courses: EE60, EE78, EE82

Contact hours: 15 hours short course/distance education

Credit points: 4

Campus: GP

EEP221 LIMITS TO POWER SYSTEM STABILITY
UNIT SYNOPSES

Courses: EE60, EE78, EE82
Prerequisites: EEP214, EEP215
Contact hours: 15 hours short course/destination education
Credit points: 4
Campus: GP

► EEP222 MAINTENANCE OF ELECTRICITY SUPPLY SYSTEMS
Courses: EE60, EE78, EE82
Prerequisites: EEP214, EEP215
Contact hours: 15 hours short course/destination education
Credit points: 4
Campus: GP

► EEP223 LOAD FORECASTING
Courses: EE60, EE78, EE82
Prerequisites: EEP213
Contact hours: 15 hours short course/destination education
Credit points: 4
Campus: GP

► EEP224 POWER SYSTEM OPERATION
Frequency control and AGC under normal load conditions, operation under emergency and contingency conditions, black starting, load shedding philosophy; generation operation; contract fuel prices, variations, automatic generation control systems; analysis of power station operating costs; establish optimum operating costs; mgmt of excess generation, importation of resources to restore system to normal in min time, abnormality control to prevent plant damage and maintain safety, loadability, plant reliability limits. Identification of planning of outage inc assessment of risks and contingency planning; control of reactive power and voltage levels under normal and abnormal conditions; load reduction - instantaneous, delayed and planned; maintain consumer services and records.
Courses: EE60, EE78, EE82
Prerequisites: EEP202, EEP212, EEP214, EEP221, EEP223
Contact hours: 15 hours short course/destination education
Credit points: 4
Campus: GP

► EEP230 THESIS B
Work done in this unit and the related unit EEP230 is examined by submission of a single Masters thesis.
Courses: EE78
Contact hours: 15 hours short course/destination education
Credit points: 12
Campus: GP

► EEP240 ORGANISATION AND FINANCIAL MANAGEMENT IN THE ELECTRICITY INDUSTRY
Financial reporting, including profit and loss and balance sheet; interpretation of financial data and commercial practices with respect to various line of businesses in financial performance indicators, the derivation, interpretation and pitfalls; financing arrangements; tax issues that affect the industry including income tax, repairs, tax effect of depreciation and capital gains tax; various asset management issues including inventories, fixed assets; cost volume profit analysis including breakeven, contribution margin and EBIT.
Courses: EE60, EE78, EE82
Contact hours: 15 hours short course/destination education
Credit points: 4
Campus: GP

► EEP241 DISTANCE PROTECTION
Courses: EE60, EE78, EE82
Prerequisites: EEP211
Contact hours: 15 hours short course/destination education
Campus: GP, EXT

► EEP242 EFFICIENT MARKETING AND UTILISATION OF ELECTRICITY: DEMAND AND SUPPLY SIDE SOLUTIONS
Assessment of future DSM options: state, national and international programs; local opportunities; impact of new and emerging technology. Comparison of available options. Determination of avoidable costs. Assessment of marginal cost of supply and identification and avoidable costs. Survey of customers: conducting market research; application of existing tariffs or new tariffs; planning market potential for DSM; comparison of options to meet customer needs and supply authority requirements. Economic comparison of DSM and DSM options including combined options. Design and implementation of DSM programs: targets, resources, in-house or third party monitoring program performance; assessment of DSM.
Courses: EE60, EE78, EE82
Prerequisites: EEP208, EEP223
Contact hours: 15 hours short course/destination education
Credit points: 4
Campus: GP

► EEP243 CONTRACT ADMINISTRATION
Categories of contracts: supply, maintenance, period. General conditions of contract: terms of payment and security deposit. QA procedures; selection of people/teams. Preparation of tenders: delivery and penalties for delay; technical provisions; penalty bonus for such factors as efficiency/performance/maintenance/reliability. Pre-tender negotiation practice. Evaluation of tenders: tender adjustments; determination of the lowest price; tender acceptance; contract correspondence; drawings, conditions, amendment, contract law, dispute resolving procedures; contract monitoring: approval of drawings and designs; approval of delivery, erection, site testing, acceptance, takeover, maintenance period retention provisions.
Courses: EE60, EE78, EE82
Prerequisites: EEP208
Contact hours: 15 hours short course/destination education
Credit points: 4
Campus: GP

► EEP244 CIRCUIT BREAKERS - SWITCHGEAR
Courses: EE60, EE78, EE82
Prerequisites: EEP210
Contact hours: 15 hours short course/destination education
Credit points: 4
Campus: GP

► EEP245 INTRODUCTION TO SUBSTATION DESIGN
Preparation of design/site options: standard layouts - outdoor, indoor, GIS, package, single bus, double bus, integral cost, site, reliability; selection of key communication factors; estimating procedures; comparison of design/site options; whole of life cost comparison including capital and operating costs; environmental and public issues; identification of design parameters: voltages, ratings, protection, metering, SCADA, communication. Operational - preparation of one-line diagram and general arrangement; design scope; review with other parties.
Courses: EE60, EE78, EE82
Prerequisites: EEP202, EEP219, EEP244
Contact hours: 15 hours short course/destination education
Credit points: 4
Campus: GP

► EEP246 CUSTOMER METERING
Courses: EE60, EE78, EE82
Contact hours: 15 hours short course/destination education
Credit points: 4
Campus: GP

► EEP248 INTRODUCTION TO ELECTRICITY MARKETING
UNIT SYNOPSES

**EEP301 PROJECT 1/2**

Students carry out research or development work of a project in specified areas. This can be done over two semesters.

**Courses:** EE74, EE77

**Credit points:** 24

**Contact hours:** 2 per week

**EEP101 DATA ANALYSIS FOR BUSINESS**

The unit introduces the common statistical methodologies and tools for inference and decision making in business. It builds upon the concepts developed in the unit BSB122 Business Information Analysis and Communication and covers important topics of data analysis with an emphasis on understanding and interpreting reported business and economic data. Topics include the concept of sampling, distribution of data, estimation and hypothesis testing, regression analysis, time series and an introduction to non-parametric statistical methods.

**Courses:** BS56, ED50, IF28, IF30, IF37, IF41, IF47, IF48, IF56, IF61, IF62, IF72

**Prerequisites:** BSB12

**Contact hours:** 4 per week

**Credit points:** 12

**Incompatible with:** EBP141, EBP142

**Campus:** GP

**Semester:** 1

**EEP210 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 and capital structure; Project Value (NPV) and Internal Rate of Return (IRR); introduction to risk and uncertainty; Capital Asset Pricing Model (CAPM) and Weighted Average Cost of Capital (WACC).

**Courses:** BS56, BS57, IF30, IF37, IF41, IF47, IF48, IF56, IF60, IF62

**Prerequisites:** BSB110, BS113

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** FNB107, FNB111, EFB206

**Campus:** GP

**Semester:** 1

**EEP211 FIRMS, MARKETS AND RESOURCES**

This unit is concerned with the economic analysis of the actions of corporate firms, and governments in modern economies. It develops student understanding of that body of economics that is expressly concerned with the operating environments in which the individual units of the economy are described through a discussion of foreign exchange markets, the Australian dollar and the terms of trade.

**Courses:** BS56, BS57, ED50, IF28, IF30, IF37, IF41, IF47, IF48, IF56, IF61, IF62

**Prerequisites:** BS113

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** EBP116, EBP172, EBP140, EBP116, EFB103, EFB104

**Campus:** GP

**Semester:** 1, 2, 3

**EEP200 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 multi-collinearity, serial correlation in time series data and heteroscedasticity in the case of cross-sectional data, and specification error, and introduces some of the fundamental issues in microeconomics addressed in this unit. Business cycles and the related issue of macroeconomic stabilisation policy are examined and extend the microeconomics concept. The significance of the international economy is described through a discussion of foreign exchange markets, the Australian dollar and the terms of trade.

**Courses:** BS56, BS57, ED50, IF28, IF30, IF37, IF41, IF47, IF48, IF56, IF61, IF62

**Prerequisites:** BS113

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** EBP116, EBP172, EBP140, EBP116, EFB103, EFB104

**Campus:** GP

**Semester:** 1, 2, 3

**EEP300 FINANCE 2**

The financing decision: capital structure, debt versus equity, lease versus debt, term structure versus default structure of interest rates. The dividend decision: dividends versus capital gains, franked versus unfranked income. Firm valuation: free cash flow model, evaluation of takeover offers. Risk and Return: diversification, the CAPM model, its practical application and its relationship to efficient market hypothesis. Introduction to the theory of capital structure, optimal debt, different market models, existence and use of a corporate model, and debt issues.

**Courses:** BS56, BS57, IF28, IF30, IF37, IF41, IF47, IF48, IF56, IF61, IF62

**Prerequisites:** EFB210

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** EBP151, EBP152

**Campus:** GP

**Semester:** 1

**EEP307 FINANCE 3**

A study of contemporary finance research; CAPM; beta estimation; valuation theory; market efficiency; value at risk; use of financial research tools; anomalies and extension of finance theories; students research a complete a research project combining theory and practice.

**Courses:** BS56, BS57, IF28, IF30, IF41, IF47, IF48, IF56, IF61, IF62

**Prerequisites:** EFB307

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** FNB112

**Campus:** GP

**Semester:** 1, 2

**EEP308 FINANCE 4**

A study of contemporary finance research; CAPM; beta estimation; valuation theory; market efficiency; value at risk; use of financial research tools; anomalies and extension of finance theories; students research a complete a research project combining theory and practice.

**Courses:** BS56, BS57, IF28, IF30, IF41, IF47, IF48, IF56, IF61, IF62

**Prerequisites:** EFB308

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** FNB113

**Campus:** GP

**Semester:** 2

**EEP309 FINANCIAL DERIVATIVES**

Extends students’ knowledge of financial derivatives as obtained in Finance 2, to gain a sound understanding of derivatives including options, forward, futures and swaps and exotic options etc, as well as their utilisation in the management of risk and maximisation of value. Advanced option pricing models, advanced option trading strategies, exotic options, forward and futures pricing models, hedging commodities and equities, forward and futures, forward rate agreement and interest rate swaps, financial risk management issues.

**Courses:** BS50, BS56, IF28, IF30, IF41, IF45, IF47, IF48, IF56, IF62

**Prerequisites:** EFB307

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** GP

**Semester:** 2

**EEP310 FINANCIAL INSTITUTIONS - CONTROL**

This unit introduces students to the fundamental principles of controlling the risk profile and capital position of a deposit-taking financial institution to maintain solvency. The basic framework of the unit is based on the regulatory capital adequacy regimes, supplemented by consideration of the more sophisticated internal models of risk developed by financial institutions themselves. Relevant case studies demonstrate the imperative for, and application of, the risk management framework.

**Courses:** BS50, BS56, IF28, IF30, IF41, IF45, IF47, IF48, IF56, IF62

**Prerequisites:** EFB206 or EFB210

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** FNB124, FNB115

**Campus:** GP

**Semester:** 2

**EEP311 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 securitisation; depositinter national trade; bond markets and credit scoring.

**Courses:** BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF56, IF62

**Prerequisites:** EFB206 or EFB210

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** FNB112

**Campus:** GP

**Semester:** 1

**EEP312 INTERNATIONAL FINANCE AND ECONOMICS**

Examines the theory and practice of international financial flows, including the role 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; financial management of international exchange; international trade finance; evaluation of offshore investment (including country risk).

**Courses:** BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF56, IF62

**Prerequisites:** EFB206 or EFB210

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** FNB120, EFB212, EFB312

**Campus:** GP

**Semester:** 2

**EEP314 INTERNATIONAL TRADE AND 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 rates, etc.

**Courses:** BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF56, IF62

**Prerequisites:** EFB206 or EFB210

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** FNB130, EFB312

**Campus:** GP

**Semester:** 2

**EEP318 PORTFOLIO AND 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, IF56, IF62

**Prerequisites:** EFB307

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** FNB126

**Campus:** GP

**Semester:** 2

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UNIT SYNOPSYS

► EFB323 FINANCIAL AND MONETARY ECONOMY
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 and behavioural interactions, interest rates, the structure and regulation of financial markets, the roles of the central bank and the government in economic policy. The unit builds on the microeconomic and macroeconomic foundations laid in EFB202 and EFB211.
Courses: BS56, IF26, IF30, IF41, IF47, IF48, IF60, IF62
Prerequisites: EFB200
Contact hours: 3 per week Credit points: 12
Campus: GP Semester: 2

► EFB328 PUBLIC ECONOMICS AND FINANCE
This unit applies microeconomic principles to a range of public finance issues. In particular, the role of government expenditure and finance in the areas of education, health and the environment is examined, with an emphasis on the critical analysis of economic arguments for and against government intervention. The topics in this unit are unified by a concern with the sources of market failure; their impacts on efficiency; the role, if any, of government intervention; and the uses to which the economic and financial instruments available to governments are employed to improve the efficiency of resource allocation.
Courses: BS56, IF26, IF28, IF30, IF40, IF47, IF48, IF49, IF60, IF62
Prerequisites: EFB211
Contact hours: 3 per week Credit points: 12
Campus: GP Semester: 2

► EFN410 ADVANCED FINANCIAL INSTITUTIONS MANAGEMENT
This unit considers advanced financial topics facing the management of international financial institutions. The theory and regulation of financial institutions are placed in the context of major events in the international financial markets. Case studies include the Asian financial crisis, Japanese banking system 1990-2003, Enron, LDC sovereign debt crisis,Saving & Loan crisis and the Basel Capital Accord.
Courses: BS70, BS94, IF64
Contact hours: 3 per week Credit points: 12
Campus: GP Semester: 1

► EFN405 MANAGERIAL ECONOMICS
Managerial decision making in an economic environment; an introduction to economics, demand analysis, cost analysis, market strategy and the macroeconomic environment; problems of resource allocation at the firm, in industry and the economy.
Courses: BS39, BS89, BS96, BS98
Contact hours: 3 per week Credit points: 12
Campus: GP Semester: 1

► EFN414 INTERNATIONAL FINANCE
The theory and practice of international finance, the relationship between domestic and international financial institutions, the roles of both economic and financial institutions and their interactions. International parity conditions and arbitrage, foreign exchange risk management, interest rate risk, risk management, international trade and portfolio investment, multinational cost of capital and capital structure, and international capital budgeting.
Courses: BS39, BS91, BS96, BS98, GS40, GS41, GS85, GS86
Prerequisites: EFN406
Contact hours: 3 per week Credit points: 12
Campus: GP Semester: 2

► EFN415 SECURITY ANALYSIS
The practice and theory of security analysis. The topics covered include: portfolio theory and the capital asset pricing model; bond and equity portfolio management; fundamental valuation techniques; portfolio hedging; active vs. passive investment strategies; and the evaluation of portfolio performance. The ultimate purpose of this unit is to provide the necessary tools for you to manage investment risk and return, select mispriced securities, design and administer investment portfolios, accomplish goals in portfolio management, and measure the performance of investment management.
Courses: BS39, BS91, BS96, BS98, GS40, GS41, GS85, GS86
Prerequisites: EFN406
Contact hours: 3 per week Credit points: 12
Campus: GP Semester: 2

► EFN417 AN INTRODUCTION TO INTERNATIONAL FINANCE
Introduces students 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: BS40, GS41, GS48, GS85, GS86
Prerequisites: EFN406
Contact hours: 3 per week Credit points: 12
Campus: GP Semester: 2

UNIT SYNOPSYS
UNIT SYNOPSES

environment; the foreign exchange and other international financial markets; the key tech-
niques of risk management, including the international docu-
ments and financial risks; the exchange rate, foreign exchange.

Prerequisites: Various theories, including those of microeconomics, and public goods are considered in this unit.

Contact hours: 3 per week  Credit points: 12  Incompatible with: FNN101

Campus: GP  Semester: 1

► GSN505 FINANCIAL RISK MANAGEMENT

This unit covers the main areas of modern risk management. It will deal with measuring and
managing risks in financial institutions. Particular attention will be paid to developing understanding of the analytical techniques employed in the
construction of risk management strategies and the interactions between the main areas of risk management. The unit will also emphasize empirical applications of risk management techniques. Topics covered include the current state of prudential regulation of financial institutions, measurement and management of market risks, hedging strategies with derivatives and managing interest rate and exchange rate risks.

Courses: BS39, BS63, BS70, BS91, BS92, BS94, BS98, IF64

Contact hours: 3 per week  Credit points: 12  Incompatible with: EFN414

Campus: GP  Semester: 1

► EFN506 ADVANCED INTERNATIONAL FINANCE

A rigorous study of the major issues in international finance pertaining to the foreign exchange market, international parity conditions, hedging of foreign exchange risk, international asset pricing, portfolio diversification and the international cost of capital and capital structure, international capital budgeting and international financial markets integration. This unit is subject to availability and demand.

Courses: BS70, BS94, BS40, BS41, GS48, GS58, GS86, IF64

Contact hours: 3 per week  Credit points: 12  Incompatible with: FNN105

Campus: GP

► EFN507 ADVANCED CAPITAL BUDGETING

Topics include: capital investment analysis, the NPV rule, adjusted present value, replacement decisions, retirement decisions, unequal lives, optimal life, cost of capital, estimating beta, capital rationing, valuation of new issues, merg-
ers and takeovers, analysis of financial and lever-
age leases, the impact of recent taxation changes on the financing, dividend and investment deci-
sions of firms. We will also consider the role of the
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 under-
standing of spreadsheet is assumed.

Courses: BS39, BS70, BS91, BS94, BS98, IF64

Contact hours: 3 per week  Credit points: 12  Incompatible with: EFN412, EFN406

Campus: GP  Semester: 1

► GSN111 APPLIED RESEARCH PROJECT C

These projects enable students to undertake applied research where the emphasis is upon link-
ing theory and practice. Students should seek advice from the Unit Coordinator regarding their topic. Students undertaking the 24 credit points project should spend approximately 12 hours per week on firm projects. If group pro-
jects are undertaken, the allocated research tasks for each member will require 12 hours per week. Students may be required to attend a number of supervisors' meetings organised by the Brisbane Graduate School of Business or the Faculty of Business.

Courses: BS39, BS40, BS41, GS48, GS97

Contact hours: 3 per week  Credit points: 12  Incompatible with: EFN414, EFN406

Campus: GP  Semester: 1

► GSN223 APPLIED RESEARCH PROJECT B

These projects enable students to undertake applied research where the emphasis is upon link-
ing theory and practice. Students should seek advice from the Unit Coordinator regarding their topic. Students undertaking the 12 credit point project should spend approximately 12 hours per week on firm projects. If group pro-
jects are undertaken, the allocated research tasks for each member will require 12 hours per week. Students may be required to attend a number of supervisors' meetings organised by the Brisbane Graduate School of Business or the Faculty of Business.

Courses: BS40, BS41, GS48, GS97

Contact hours: 3 per week  Credit points: 12  Incompatible with: EFN414, EFN406

Campus: GP  Semester: 1

► GSN224 CORPORATE PHILOSOPHY

The nature of the relationship between the for-
profit corporation and the nonprofit sector is invariably through corporate philanthropy. This unit examines five issues central to corporate philanthropy: legal and taxation, cause related alliances, corporate foundations, business giving models in Australia and corporate social responsibility. The unit is taught through case studies in Australian and international practice.

Courses: BS47, BS91, BS93, BS40, GS41, GS34, GS48, GS50, GS85, GS86, GS93, IF2, IF64

Contact hours: 3 per week  Credit points: 12  Incompatible with: EFN412, EFN406

Campus: GP  Semester: 2

► GSN225 BUSINESS DEVELOPMENT IN THE CREATIVE INDUSTRIES

This unit introduces issues involved in selecting and refining a concept/idea/new product in the creative industries. Business includes company or-
portunity recognition, screening for potential viability and sustainable competitive advantages; identifying and analysing strategic options, creat-
ing a marketing strategy, and outlining the pro-
duction and operations, human resources, and financial plans for a selected creative industries venture. Students will build the components of a business model for their selected creative concept and will write a formal business plan for that concept/product. Students will examine and critique the business models of a variety of existing businesses in the creative industries during the semester.

Courses: BS39, BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97, IF02, IF04

Contact hours: 3 per week  Credit points: 12

Campus: GSP  Semester: 2

► GSN226 ARTS POLICY AND STRATEGY

This unit analyses the function and processes of the artist, public policy, funding processes, arts organisation, and the profession of arts manage-
ment. The focus will be on measuring and in-
vestigating the role of the ‘change agent’ and equips them to perform the role of the internal and/or external consultant from initial contact with the client/organisation through to contract completion, including proposal and report writ-
ing.

Courses: GS40, GS41, GS48, GS97

Prerequisites: 48 credit points from the core

Contact hours: 3 per week  Credit points: 12  Incompatible with: EFN414, EFN406

Campus: GP  Semester: 1

► Equipment and industrial development.

Prerequisites: Courses: IF64

Contact hours: 3 per week  Credit points: 12  Incompatible with: EFN414

Campus: GP  Semester: 2

► INTRODUCTION TO FINANCIAL RISK MANAGEMENT

This is a risk management unit at the intermed-
iate level, which provides students with the ability to understand and subsequently manage
common financial risks of business within an open

Q U T H A N D B O O K 2 0 0 4  • P A G E  4 5 1
and contemporary policy issues and strategies in the non-profit for arts sector.

<table>
<thead>
<tr>
<th>Course</th>
<th>GSN359, BS47, BS63, BS91, BS92, BS93, G40, G41, G43, G48, G50, G585, G86, G93, G97, IF02, IF03, IF04</th>
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<tr>
<td>Contact hours</td>
<td>3 per week Credit points: 6</td>
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Incompatible with: GSN204, MGN409

**Campus:** GP  **Semester:** 1, 2, 3

**GSN404 STRATEGIC USE OF INFORMATION TECHNOLOGY**

This unit discusses the impact of the digital era on business strategy, emphasizing the importance of the information technology (IT) in the growth of electronic commerce, and the displacement effects of technology to the global business environment. The convergence of communication technology and information technology (eg Internet) is an important force which managers need to understand. The business implications of these shifts are also discussed in the global context. Students use the Internet and email constantly in this unit as part of their coursework.

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<tr>
<th>Courses</th>
<th>BS47, BS91, BS40, G41, G42, G43, G44, G50, G585, G86, G93, G97, IF02, IF03, IF04</th>
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Incompatible with: GSN201

**Campus:** GP  **Semester:** 1, 2, 3

**GSN403 UNDERSTANDING DATA**

This unit is designed to provide students with a clear understanding of different types of data and techniques to present tackle real world problems relevant to business. This unit will be introduced to various techniques of organisational, presenting and analysing economic and statistical data from the business perspective, theoretical, descriptive and inferential statistics.

<table>
<thead>
<tr>
<th>Courses</th>
<th>BS47, BS91, G40, G41, G42, G43, G44, G50, G585, G86, G93, G97</th>
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<tr>
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Incompatible with: EFN409

**Campus:** GP  **Semester:** 1, 2, 3

**GSN404 FINANCIAL STATEMENTS: ANALYSIS 1**

This unit introduces students to basic accounting concepts and financial statements, and then explores methods of analysing them to gain an informed understanding of the financial well being of the entity. Throughout, it takes the perspective of the user of financial statements, and in this role, explores the information in financial statements, and how the three basic accounting statements are linked, and interdependent. The course guides students through the process of analysing financial statements, how to interpret findings and how to understand what the analysis and other contextual data tell them about the business.

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<thead>
<tr>
<th>Courses</th>
<th>BS47, BS91, G40, G41, G42, G43, G44, G50, G585, G86, G93, G97, IF13, IF15, IF98, IF99</th>
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Incompatible with: AYN416

**Campus:** GP  **Semester:** 1, 2, 3

**GSN405 STRATEGIC MANAGEMENT**

Strategy is the process of determining goals and moving towards the achievement of those goals in a business government, or not-for-profit setting. This unit introduces the concept of strategy and explores the basic tenets of the strategy process, competitive advantage, and strategic management in a changing global environment. It lays in the foundations for students in terms of understanding and thinking in the strategy field. The learning process is enhanced by practical real-time examples of strategy in action utilising in the case study method of learning.

<table>
<thead>
<tr>
<th>Courses</th>
<th>BS47, BS91, G40, G41, G42, G43, G45, G48, G50, G585, G86, G93, G97, IF13, IF15, IF98, IF99</th>
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Incompatible with: GSN401 Corequisites: GSN401

**Campus:** GP  **Semester:** 1, 2, 3

**GSN406 HUMAN RESOURCE MANAGEMENT ISSUES**

This unit examines the challenges faced by managers in achieving effective human resource management in the contemporary business environment. An issues based approach is adopted to focus attention on the need for the individual managers to complement their technical expertise with knowledge and skills in people management. Specific attention will be given to the human resource management initiatives from the global business environment and the changing nature of employees.

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<tr>
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Incompatible with: GSN300

**Campus:** GP  **Semester:** 1, 2, 3
UNIT SYNOPTES

► GSN411 ECONOMICS OF STRATEGY 1

Competitive strategy requires an understanding of the competitive environment in which the firm is operating, and increasingly this means the global market context. This unit is concerned with the evolution of strategic choices, such as acquiring a competitor, supplier, or major customer, or diversifying into similar and dissimilar markets, using economic concepts such as economies of scale, economies of scope, incremental costs and transaction costs. Topics include the economics of the firm, transactions costs, vertical integration, make or buy, competition, decision economics and the multi-stage communication process. This unit will culminate in the development of leadership profiles of contemporary leaders with an exploration of their characteristics and how their leadership roles are exercised.

Courses: BS47, BS91, GS40, GS41, GS42, GS43, GS45, GS50, GS85, GS86, GS87, GS93, IF13, IF15, IF19, IF98, IF99

Contact hours: 3 per week Credit points: 6

Campus: GP Semester: 1, 2, 3

► GSN412 BUSINESS LAW

This unit provides managers with an overview of basic legal principles, which form the foundation of the laws of commercial transactions from the perspective of the impact on decision-making to, and by, managers. The unit links key elements of the rules governing business dealings by the interaction of law, agency and franchise, including property law, sales and lease, and company law and consumer law. This unit also introduces students to the Australian legal system and legal process and provides an overview of the legal nature of business entities.

Courses: GS40, GS41, GS42, GS43, GS44, GS45, GS48, GS50, GS85, GS87, GS93, IF13, IF15, IF19, IF98, IF99

Prerequisites: GSN401 Corequisites: GSN401

Contact hours: 3 per week Credit points: 6

Incompatible with: EFN405

Campus: GP Semester: 1, 2, 3

► GSN413 FINANCIAL MANAGEMENT 1

This unit introduces the student to the international financial management environment in which financial markets operate. The three major lessons in finance (time value, diversification and arbitrage) are introduced. Topics include time value of money, valuation of sources of funds, behaviour of firms and financial markets, introduction to investment evaluation, diversification, risk and return, and cost of capital.

Courses: GS40, GS41, GS42, GS43, GS48, GS50, GS85, GS87, GS93, IF13, IF15, IF19, IF98, IF99

Prerequisites: GSN403

Contact hours: 3 per week Credit points: 6

Incompatible with: EFN406

Campus: GP Semester: 1, 2, 3

► GSN414 BUSINESS CONDITIONS

ANALYSIS 1

This unit provides managers with an understanding of some of the key factors affecting business conditions. Students are introduced to the most important economic concepts through a series of international case studies. These concepts include, among others, opportunity cost, supply and demand, elasticity, efficiency, comparative advantage, saving and investment, and gross domestic product (GDP). In the process, students have the opportunity to evaluate, critically, the determinants of national outcomes, environmental policy, international trade policy, competing indicators of economic welfare, and policy aimed at lifting national savings.

Courses: BS47, BS89, BS91, GS40, GS41, GS42, GS43, GS45, GS50, GS85, GS86, GS87, GS93, IF13, IF15, IF19, IF98, IF99

Prerequisites: GSN404 Contact hours: 3 per week Credit points: 6

Incompatible with: EFN405, GSN203

Campus: GP Semester: 1, 2, 3

► GSN415 UNDERSTANDING LEADERSHIP

Leadership is the process of persuasion or example by which an individual influences others to pursue identified goals. The skills of leadership can be developed through a process of self-discovery and personal growth. The unit explores the attributes, roles and tasks of leaders in contemporary business situations and the issues that impact on leadership, such as leader-follower interaction, ethics, leadership characteristics and leadership development. This unit will culminate in the development of leadership profiles of contemporary leaders with an exploration of their characteristics and how their leadership roles are exercised.

Courses: BS47, BS91, GS40, GS41, GS42, GS43, GS45, GS50, GS85, GS86, GS87, GS93, IF13, IF15, IF19, IF98, IF99

Contact hours: 3 per week Credit points: 6

Campus: GP Semester: 1, 2, 3

► GSN416 BUSINES PLAN

This unit prepares students for writing a formal business plan for a new business venture. Business planning is an intensive screening exercise in which the business planners examine the business model, consider all strategic alternatives, choose a preferred “business model” and analyse whether or not the proposed new venture appears to be viable. The business plan is a document that communicates this viability to an investor or other potential stakeholders in the new business. The structure and content of the business plan is thus crafted strategically according to its role in a multi-stage communication process with the target reader.

Courses: BS47, BS91, GS40, GS41, GS42, GS43, GS45, GS50, GS85, GS86, GS87, GS93, IF13, IF15, IF19, IF98, IF99

Prerequisites: GSN404, GSN408, GSN410

Contact hours: 3 per week Credit points: 6

Campus: GP Semester: 1, 2, 3

► GSN417 EFFECTIVE ADVOCACY FOR MANAGERS

Effective Advocacy for Managers is an elective unit that builds upon work completed in GSN407. This unit is designed to enhance students’ presentation skills. It covers the practical application of key theories on Speech Communication to enable managers who are effective persuaders, opinion leaders, and facilitators of change in a business environment. Among the issues covered are: structuring and designing for an audience, developing a persuasive theme, using imagery and language effectively, developing presentations.

Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97

Prerequisites: GSN407

Contact hours: 3 per week Credit points: 6

Campus: GP Semester: 2

► GSN418 MARKETING STRATEGY DEVELOPMENT

This unit builds upon the foundation provided by GSN408 and provides a managerial process for organizations involved in identifying and developing effective marketing strategies. It examines the role of marketing within the strategic processes of the modern firm and considers the process involved in strategic marketing in the global business context. It takes a case based approach to illustrate the effectiveness of key approaches to marketing strategy development and highlights the importance of new and emerging fields of marketing practice.

Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97

Prerequisites: GSN408

Contact hours: 3 per week Credit points: 6

Incompatible with: GSN206

Campus: GP Semester: 1, 2

► GSN419 ORGANISATIONAL BEHAVIOUR 2

Organisational Behaviour 2 is an elective unit which builds upon work completed in Organisational Behaviour 1. It provides an in-depth and critical analysis of human behaviour with particular emphasis on behaviour in groups and the larger organisation. This unit includes organisational structure and design, teamwork and group work, organisational culture, power and politics, communication, conflict and negotiation, and innovation and organisational development.

Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97

Prerequisites: GSN408

Contact hours: 3 per week Credit points: 6

Incompatible with: MGN412

Campus: GP Semester: 2

► GSN420 NEW VENTURE STRATEGY

This unit considers competitive strategies and the requirements for resource-based sustainable competitive advantage in the context of new business ventures. Topics include generic competitive strategies; entry strategies; strategies to counter environmental threats and weaknesses; strategies to exploit firm strengths and opportunities; competitive strategy (organizational differentiation); cooperative strategies (tacit collusion and strategic alliances); and global strategies. Students complete a Strategic Plan for a new venture as part of this unit.

Courses: BS47, BS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97, IF03, IF13, IF15, IF19, IF98, IF99

Prerequisites: GSN405, GSN410

Contact hours: 3 per week Credit points: 6

Campus: GP Semester: 1, 2

► 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 obtaining competitive advantage, the origins of competitive advantage.

Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97

Prerequisites: GSN411

Contact hours: 3 per week Credit points: 6

Campus: GP Semester: 1

► GSN422 BUSINESS LAW 2

Business Law 2 provides a continuing overview of key areas of commercial law in the Australian environment. The subject builds on the basic principles of contract, property law, securities and bailment, consumer law agency and franchising, company law principles, covered in Business Law 1. Students will focus on the essential elements of legal compliance programs and specific elements of the rules that impact on business operations in the areas of insurance law, law of torts and professional negligence, personal and corporate insolvency, environmental law, employment law and occupational health and safety and privacy law.

Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97, IF13, IF15, IF19, IF98, IF99

Prerequisites: GSN412

Contact hours: 3 per week Credit points: 6

Incompatible with: AYN410

Campus: GP Semester: 2

► GSN423 FINANCIAL MANAGEMENT 2

This unit builds on the material covered in GSN413 Financial Management 1. It extends the analysis of the other topics of finance to the areas of capital and investment, dividends and financing. Topics include capital budgeting and taxation, dividends and imputation, capital structures, risk management using options and futures, and an introduction to international finance.

Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97

Prerequisites: GSN413

Contact hours: 3 per week Credit points: 6

Incompatible with: EFN406

Campus: GP Semester: 2

► GSN424 BUSINESS CONDITIONS ANALYSIS 2

This unit provides managers with an understanding of the key macroeconomic policy debates and how they are impacting upon business conditions. Students are introduced to these debates in a practical way through key definitions and case studies, as well as a series of international case studies. A number of important concepts are introduced including the natural rate of unemployment, the underlying rate of inflation, aggregate demand and aggregate supply, monetary policy and fiscal policy, and the open economy. The unit provides students with the opportunity to evaluate, critically, the virtues of the free market as opposed to government interventionism.

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UNIT SYNOPSIS

**Courses:** BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97
**Prerequisites:**
**Contact hours:** 3 per week  **Credit points:** 6  **Semester:** 1, 2

**GSN425 LEADERSHIP DEVELOPMENT**

This unit will develop GSN415 to develop leadership ability, utilising a conceptual framework for self-understanding and the development of the role of leadership and attributes required to lead successfully in contemporary society. It is designed to allow individuals a better understanding of their own capacities as leaders. Individuals will gain an effective understanding of how their own style affects leadership, decision making, vision building, organisational change and the use of power. This will help the development of self-awareness and the improvement of the individual’s capacity to understand, communicate with, and influence others.

**Courses:** BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97
**Prerequisites:** GSN415
**Contact hours:** 3 per week  **Credit points:** 6  **Semester:** 1, 2

**GSN426 BUSINESS PLANS 2**

This is a continuation of GSN416 and culminates in the completion and presentation of a formal business plan. The business plan is a major component of a multi-part communication strategy between new venture management and the potential investor or other potential stakeholder. Effective presentation and defence of the business plan is also considered in this unit. As part of this process students will complete a formal Business Plan for a new venture of their choosing, and present their plan to the class.

**Courses:** BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97
**Prerequisites:** GSN416, GSN420, GSN429 Or GSN427, GSN428, GSN427, GSN428
**Contact hours:** 3 per week  **Credit points:** 6  **Semester:** 1, 2

**GSN427 FINANCIAL STATEMENT ANALYSIS 3**

This unit explores the meaning of financial statements and their application in managerial decision-making. Information from financial statements will be used to demonstrate how managers can understand and take control of the internal cost structure of their business. The unit introduces management accounting, basic costing concepts, cost behaviour and the cost-volume-profit model, budgeting and short-term decision-making.

**Courses:** BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97
**Prerequisites:** GSN404
**Contact hours:** 3 per week  **Credit points:** 6  **Semester:** 1, 3

**GSN428 INTERNATIONAL STUDY**

This unit involves a group excursion to one or more international countries for students interested in learning more about doing business with (that) countries. Students will study the business environment and the underlying socio-political, geographical and historical aspects in that (these) countries in considerable detail. The international study tour would normally be scheduled during the semester break period, and involves 10-12 days overseas, accompanied by an Academic Advisor. The group will attend organised briefings, meetings, presentations and site visits in the host countries. Assessment will include individual and group participation at all events and submission of a detailed Daily Journal.

**Courses:** BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97
**Contact hours:** 3 per week  **Credit points:** 6  **Semester:** 1, 2, 3

**GSN429 NEW VENTURE MARKETING**

New ventures face a range of special marketing needs. In new ventures, market ignorance is often greater than existing firms. Needs of potential customers must be analysed, product design and prototypes must be developed in line with marketing research results, new marketing channels must be designed, and existing channels must be secured. Potential customers must be identified, informed, and persuaded to try the new product before it will be successful. 

**Courses:** BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97
**Prerequisites:** GSN418, GSN420
**Corequisites:**
**Contact hours:** 3 per week  **Credit points:** 6  **Semester:** 1, 2

**GSN430 NEW VENTURE RESOURCES**

This unit is concerned with raising funds to establish, launch and grow a new business venture. Sources of funding considered include one’s own funds, friends and family, income from property, ‘social capital’, personal assets, banks, venture capitalists, and the public equity market. Methods of ‘bootstraping’ and ‘cost sharing’, including agreements with suppliers, customers, and employees, are also considered. Pro-forma financial statements for the new venture, the financial valuation of the new venture, and the allocation of equity for intellectual property, cost equity, expenses incurred and funding provided are also examined.

**Courses:** BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97
**Prerequisites:** GSN416, GSN420, GSN429 Or GSN427, GSN428
**Contact hours:** 3 per week  **Credit points:** 6  **Semester:** 1, 2

**GSN431 NEW VENTURE GROWTH AND TRANSITIONS**

New ventures start successfully but then flounder as rapid growth leads to problems in production, distribution, product quality, employee morale, cash flow or financing. Management’s ability to make the transition from the small, firm to a rapidly growing company is critical to its success. If the firm is to survive the entrepreneur must navigate the transition from ‘hands on’ involvement in every aspect of the business to a more detached management role. 

**Courses:** BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97
**Prerequisites:** GSN410, GSN420 or GSN405
**Contact hours:** 3 per week  **Credit points:** 6  **Semester:** 2

**GSN432 NEW VENTURE LEADERSHIP AND HRM**

The entrepreneur’s ability to exercise leadership is a critical factor in the success of most new ventures, and thus the main purpose of this unit is to enhanceentrepreneurial leadership skills. Human resources management, leadership and international human resource and cross-cultural management, are introduced and applied to the new venture. Competency-relevant human resource schemes, including bonus and stock option schemes, are considered as a means of reducing current employee cost and reducing employee turnover, while simultaneously allowing the entrepreneur to participate in the upside potential of the venture.

**Courses:** BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97
**Prerequisites:** GSN410, GSN415
**Contact hours:** 3 per week  **Credit points:** 6  **Semester:** 2

**GSN434 VENTURE CAPITAL**

This unit considers, in the Australian and global financial market contexts, the operation of the venture capital industry and the 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 between ‘good’ and ‘bad’ investment opportunities from the more risky and less remunerative opportunities that may also be presented to venture capitalists.

**Courses:** BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97
**Prerequisites:** GSN404, GSN410, GSN413, GSN420, GSN429
**Contact hours:** 3 per week  **Credit points:** 6  **Semester:** 1

**GSN435 ELECTRONIC COMMERCE**

This unit provides an interdisciplinary introduction to the technologies and business processes that are used in a commercially viable e-commerce environment, as well as an introduction to the ethical and social issues that are associated with e-commerce. Current technologies and the use of electronic commerce will be examined. Key decision areas of risk (e.g. financial, human resource, physical - asset management) are considered in the context of the general management of the organisation.

**Courses:** BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97
**Prerequisites:**
**Contact hours:** 3 per week  **Credit points:** 6  **Semester:** 2

**GSN438 PRODUCTION AND OPERATIONS MANAGEMENT 1**

This unit provides an introduction to the field of production and operations management. It considers the organisation of research and development, manufacturing, marketing and financial management issues. Concepts, techniques, tools and processes used in the field will be introduced and a framework for evaluation and decision-making in operations management will be provided. Major areas of study include analysis of product and process design, layout and capacity planning, location planning, aggregate planning, master production scheduling, inventory planning, and systems analysis.

**Courses:** BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97
**Prerequisites:** GSN404
**Contact hours:** 3 per week  **Credit points:** 6  **Semester:** 2

**GSN439 PRODUCTION AND OPERATIONS MANAGEMENT 2**

This organisation is a dynamic system affected by both internal and external forces. Operations management narrow the focus to the production, operations sub-systems, which physically produce goods and services. Foundation unit GSN438 introduced forecasting, process selection and design, layout and capacity planning, location planning, aggregate planning and quality control issues. In GSN439 the means of procurement and application for production are considered. Inventory, materials requirements planning, manufacturing and supply chain management, scheduling, service operations, and current issues like enterprise re-engineering and just-in-time planning are addressed analytically with respect to strategies and constraints.

**Courses:** BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97
**Prerequisites:** GSN438
**Contact hours:** 3 per week  **Credit points:** 6  **Semester:** 2

**GSN440 RISK MANAGEMENT 1**

This unit examines the role of risk management in contemporary management theory and practice. Key decision areas of risk (e.g. financial, human resource, physical - asset management, etc) are considered in the context of the general management of the organisation.

**Courses:** BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97
**Prerequisites:**
**Contact hours:** 3 per week  **Credit points:** 6  **Semester:** 2

**GSN441 RISK MANAGEMENT 2**

This unit is an extension of GSN440, and continues the students’ understanding of the risks that affect management in contemporary management theory and practice. Key decision areas of risk (e.g. financial, human resource, physical - asset, etc) are considered in the context of the general management of the organisation.

**Courses:** BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97
**Prerequisites:**
**Contact hours:** 3 per week  **Credit points:** 6  **Semester:** 3

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UNIT SYNOPSIS

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 change, information technology systems installation, or planning the major conference. This unit provides the fundamental skills in both the operational and strategic aspects of project management, which are covered in GSN442. In distance mode, academic supervisors are available to ensure that the topics are taught and assessed, and a submit and submission of a written project proposal.

Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS58, GS86, GS93, GS97
Prerequisites: GSN440
Contact hours: 3 per week Credit points: 6 Semester: 1, 3

GSN443 PROJECT MANAGEMENT 2
Managers are increasingly placed in the position of project manager, to manage projects as diverse as construction of new facilities, expansion to global markets, implementation of change, information technology systems installation, or planning the major conference. This unit builds on the knowledge provided in the operational and strategic aspects of project management, which are covered in GSN442. In distance mode, academic supervisors are available to ensure that the topics are taught and assessed, and a submit and submission of a written project proposal.

Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS58, GS86, GS93, GS97
Prerequisites: GSN440
Contact hours: 3 per week Credit points: 6 Semester: 1, 3

GSN444 SPECIAL TOPICS 1
This unit on the 'marketing' subject matter that is not routinely offered by the Graduate School of Business, which is offered when specific subject matter is considered especially timely and/or in a semester when a visiting or adjunct professor is available with expertise that is not normally resident in the Faculty of Business.

Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS58, GS86, GS93, GS97
Contact hours: 3 per week Credit points: 6 Campus: GP Semester: 1

GSN445 SPECIAL TOPICS 2
Like GSN444 this unit is offered to temporarily 'house' subject matter that is not routinely offered by the Graduate School of Business. This unit is offered to students who have already taken GSN444 and who wish to take a second 'Special Topics' six credit point unit in the same award program.

Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS58, GS86, GS93, GS97
Contact hours: 3 per week Credit points: 6 Campus: GP Semester: 1

GSN446 APPLIED RESEARCH PROJECT A - INDIVIDUAL PROJECT
These projects enable students to undertake applied research where the emphasis is upon linking theory and practice. Students should seek advice the Research Coordinator regarding their topic. Students undertaking the 6 credit point project should spend approximately six hours per week on the project. If group projects are undertaken, the allocated research tasks for each member will require the six hours per week. Students may be required to attend an number of management research seminars organised by the Brisbane Graduate School of Business or the Faculty of Business.

Courses: GS40, GS41, GS43, GS48, GS50, GS86, GS89, GS97
Prerequisites: 48 credit points, Unit Coordinator approval, GPA=5.5
Credit points: 6 Campus: GP Semester: 1, 2, 3

GSN447 STRATEGIC INTERNET MARKETING 1
Strategic Internet Marketing 1 introduces students to the key concepts and issues involved in using the Internet in marketing. The unit explains how, why and when the Internet might be incorporated into marketing activities. Specific area investigated include the role of new technologies in changing and transforming traditional marketing practices, Internet based market research and consumer behaviour.

Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS86, GS93, GS97
Prerequisites: GSN402, GSN418
Contact hours: 3 per week Credit points: 6 Campus: GP Semester: 2

GSN448 STRATEGIC INTERNET MARKETING 2
Strategic Internet Marketing 2 focuses on the practical implementation of marketing strategies 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 product evaluation of product types most suited to Internet marketing and the value of the Internet as a distribution channel.

Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS86, GS93, GS97
Prerequisites: GSN447
Contact hours: 3 per week Credit points: 6 Campus: GP Semester: 2

GSN449 PUBLIC SECTOR AND SOCIAL MARKETING 1
Marketing has rapidly expanded its application over recent years from being a primarily commercial practice, to being used to increase the effectiveness and efficiency of range of non-commercial activities. In particular, over the past decade marketing has been adopted by government agencies world wide to improve service standards and communicate with key audiences. This unit examines the problems and issues associated with the application of marketing concepts and techniques to the social, not for profit and public sector. The role of marketing in these social and business settings is explored.

Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS86, GS93, GS97
Prerequisites: GSN402, GSN418
Contact hours: 3 per week Credit points: 6 Campus: GP Semester: 2

GSN450 PUBLIC SECTOR AND SOCIAL MARKETING 2
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 range of non-commercial activities. In particular, over the past decade marketing has been adopted by government agencies world wide to improve service standards and communicate with key audiences. This unit examines the theory and models developed in Public Sector and Social Marketing 1 and to a range of practical situations.

Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS86, GS93, GS97
Prerequisites: GSN402 and GSN418
Contact hours: 3 per week Credit points: 6 Campus: GP Semester: 1, 3

GSN456 PERSONAL DEVELOPMENT AND ETHICS FOR MANAGERS
This unit provides students with an opportunity to increase their understanding of themselves and how their interactions with others impact on their effectiveness as managers in a global environment. This unit also provides a framework of ethical principles for ethical decision making. The roles of the individual and ethics in business decision making are explored through the use of international case studies. Students get the opportunity to evaluate, critically, the role of individual behaviour and ethical decision making, from not only a personal career perspective but as determinants of management and business effectiveness in an international context.

Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS86, GS93, GS97
Contact hours: 3 per week Credit points: 6 Campus: GP Semester: 2
Incompatible with: GSN208

GSN457 ORGANISATIONAL COMMUNICATION AND INFLUENCE
This unit focuses on how people relate with each other in modern organisational settings, from small businesses to multi-national organisations. It focuses on human resources in an international context. Students study theories of communication as they apply to workplace settings, the unit provides the opportunity to analyse and reflect on the role of communication in constructing the conditions for achieving effective leadership and participation in organisations.

Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS86, GS93, GS97
Prerequisites: GSN407
Contact hours: 3 per week Credit points: 6 Campus: GP Semester: 2
GS458 INTERCULTURAL BUSINESS COMMUNICATIONS
This unit examines the dimensions of intercultural business communication, including verbal and non-verbal strategies used by different cultural groups. By focusing on significant intercultural business communication issues, the unit provides the opportunity to analyse and reflect on the ways in which diversity enhances organisational effectiveness, and the difficulties that arise for organisational members in dealing with difference.
Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97
Prerequisites: GSN407
Contact hours: 3 per week Credit points: 6
Campus: GP Semester: 2

GS459 COMMUNICATION PLANNING FOR ORGANISATIONS
This unit focuses on the development and management of internal organisational communication programs required for effective strategic alignment of employees with organisational mission and goals. The unit examines the various ways in which strategic communication planning can facilitate change through the alignment of organisational members with the direction required by the organisation.
Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97
Prerequisites: GSN407, GSN457
Contact hours: 3 per week Credit points: 6
Campus: GP Semester: 3

GS460 CREATIVE PROBLEM SOLVING
This unit introduces the student to the field of creative thinking for new business initiatives in the global business environment. The problem solving methods presented also have application for 'intrapreneurs' in established firms. Topics include organisational issues for managing creativity; methods of thinking; formal analysis approaches; individual creative techniques; and group based problem solving. Candidates will apply specific techniques to case studies during the semester. Video records of tutorials will be used to facilitate feedback for improved learning outcomes.
Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97
Contact hours: 3 per week Credit points: 6
Campus: GP Semester: 1, 2

GS461 MAKING CHANGE WORK
Making Change Work is a unit that builds on the material covered in both GSN401 (Managing in the Information Age (organisational)) and GSN460 (Organisational Behaviour), with the intent of making organisational change work optimally for organisations, and for the people in them. As such, it relies on a general knowledge of management and its objectives and functions, as well as of individual and group behaviour.
Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97
Prerequisites: GSN401, GSN409
Contact hours: 3 per week Credit points: 6
Campus: GP Semester: 1

GS462 NEGOTIATION STRATEGIES
This unit explores the theory and practice of business negotiation strategies. By focusing on distributive and integrative negotiation strategies and exploring business negotiation practices in various contexts, the unit provides students with the opportunity to develop understanding and skills of negotiation in general and business negotiation under selected contexts in particular. Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97
Prerequisites: GSN401, GSN409
Contact hours: 3 per week Credit points: 6
Campus: GP Semester: 1, 3

GS463 AUSTRALIAN E-COMMUNICATIONS POLICY
Australian E-Communications Policy is a unit that explores the understanding and appreciation of the key factors involved in new communications technologies. Students will be made aware of the factors involved in policy development for emerging communications media, and be better prepared to plan strategically for these new media. All tasks aim to develop the expertise of students in their chosen areas of interest.
Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97
Prerequisites: GSN402
Contact hours: 3 per week Credit points: 6
Campus: GP Semester: 2

GS464 INTERNATIONAL E-COMMUNICATIONS POLICY
International E-Communications Policy carries on from GSN463 Electronic Commerce, providing greater depth on the current technology required to conduct electronic commerce. Focus will be on the impact of these technologies on real world business problems and the implications for management.
Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97
Prerequisites: GSN402
Contact hours: 3 per week Credit points: 6
Campus: GP Semester: 1, 3

GS467 ADVANCED ELECTRONIC COMMERCE
This unit follows on from GSN435 Electronic Commerce, providing greater depth on the current technology required to conduct electronic commerce. Focus will be on the impact of these technologies on real world business problems and the implications for management.
Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97
Prerequisites: GSN435
Contact hours: 3 per week Credit points: 6
Campus: GP Semester: 2

GS468 KNOWLEDGE MANAGEMENT
This unit focuses on the development and implementation of knowledge strategies and technologies to facilitate knowledge management in a digitised environment. It examines the complexities of knowledge strategies and technologies on the Internet and examines the business case for their use and application. It examines the various applications of the Internet including email, mobile and Internet telephony, streaming media, database and dynamic content, emerging protocols, instant communicators and newsletters as focal points for business.
Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97
Prerequisites: GSN402
Contact hours: 3 per week Credit points: 6
Incompatible with: GSN201
Campus: GP Semester: 1

GS470 E-BUSINESS
This unit introduces concepts, theories and issues in the development of an e-business organisation based on Information and Communication Technologies (ICTs). The unit will examine the nature of e-business, with particular emphasis on the variety of e-business strategies and will explore on how traditional management practices face difficulties in an electronic context.
Courses: GS40, GS41, GS48, GS50, GS85, GS86, GS93, GS97
Contact hours: 3 per week Credit points: 6
Campus: GP Semester: 2

GS471 E-PUBLISHING
E-Publishing will provide MBA students with the basic skills in electronic publishing. The unit will examine a range of e-publishing products, and will seek to provide students with the skills to determine which e-product is appropriate for a variety of markets. Web site development, scripting, security applications and setting up a business portal will be key components of the unit.
Courses: GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97
Prerequisites: GSN402
Contact hours: 3 per week Credit points: 6
Campus: GP Semester: 1, 3

GS472 PRINCIPLES OF CORPORATE GOVERNANCE
Principles of Corporate Governance provides an introduction to the increasingly important area of corporate governance, as promoted by the OECD and the Board of Directors of companies. This subject provides an overview of the main concepts and history of corporate governance as a global trend, the core legal principles that underpin corporate governance, and relationships between key stakeholders, corporate governance frameworks including small proprietary companies and large listed and unlisted entities and current issues, and including arguments propounded for self regulation versus government intervention.
Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97
Prerequisites: GSN412
Contact hours: 3 per week Credit points: 6
Incompatible with: GSN201
Campus: GP Semester: 1

GS473 CORPORATE ACCOUNTABILITY
GSN473 focuses on the Board's role in setting and developing strategic direction of the Company and its role in the relationship with management and the other stakeholders. It also examines the role of Directors and the responsibilities of Directors in the Board. The unit will focus on the role of the Audit Committee in the context of the role and responsibilities of the Audit Committee and its relationship with the external auditors. The unit will also focus on the role of the Remuneration Committee and the role of the Remuneration Committee in the context of the role and responsibilities of the Remuneration Committee and its relationship with the external auditors. The unit will also focus on the role of the Remuneration Committee in the context of the role and responsibilities of the Remuneration Committee and its relationship with the external auditors.
Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97
Prerequisites: GSN472, GSN404, GSN405
Contact hours: 3 per week Credit points: 6
Incompatible with: GSN229
Campus: GP Semester: 2

GS474 STRATEGY PLANNING & DEVELOPMENT
The understanding of Strategic Planning, Development and Implementation is critical for the modern organisation and is one of the key roles of the modern organisation. The unit will examine the role of the modern organisation in the context of the role and responsibilities of the modern organisation and its relationship with the external auditors. The unit will also focus on the role of the Remuneration Committee in the context of the role and responsibilities of the Remuneration Committee and its relationship with the external auditors. The unit will also focus on the role of the Remuneration Committee in the context of the role and responsibilities of the Remuneration Committee and its relationship with the external auditors.
UNIT SYNOPSES

Contact hours: 3 per week Credit points: 6
Campus: GSP Semester: 1, 2, 3

UNIT 26: STRATEGIC ANALYSIS
Strategic analysis builds on the core understanding of the principles and foundations of strategic management. The capacity to critically analyse, to formulate options, and to recommend courses of action is an essential everyday tool for the strategist. The ability to analyse and present a point of view is the focus of the course. Therefore, incorporating presentation skills with strategic analysis.
Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS55, GS86, GS87, GS93, GS97
Prerequisites: GSN405, GSN474
Contact hours: 3 per week Credit points: 6
Campus: GP Semester: 1
► GSN476 SALES MANAGEMENT
This unit introduces the student to the field of sales management in the business environment whether local, national or international. The unit provides the opportunity for developing an understanding of sales processes and the associated management concepts and process that support the business strategic and operational outcomes, and the people involved in the sales. Students will examine various sales models and their applicability to different industries and critique several commission, reward and recognition plans and their effectiveness.
Courses: BS97, BS40, GS41, GS43, GS48, GS49, GS99
Prerequisites: GSN405, GSN406, GSN408
Credit points: 6
Campus: GSP Semester: 2
► GSN477 CONTRACT MANAGEMENT
This unit provides managers with an understanding of some of the key factors involved in the management of contracts. Competence in this area is increasingly important as greater attention is paid to the negotiation and implementation of contracts, and as the trend to outsourcing various functions to other organisations continues.
Courses: BS97, GS40, GS41, GS43, GS48, GS49, GS99
Prerequisites: GSN405, GSN442
Contact hours: 3 per week Credit points: 6
Semester: 2
Campus: GP
► GSN480 SUSTAINABLE DEVELOPMENT AND COMPETITIVE ADVANTAGE
This unit explores key principles of sustainability management and its implications for competitive advantage. The unit focuses on: physical and nature systems; the application of systems thinking on sustainability management; the role of sustainability management in developing and maintaining competitive advantage; and sustainability management in the context of the broadening of sustainability thinking.
Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97
Prerequisites: GSN411 or GSN414
Contact hours: 3 per week Credit points: 6
Campus: GP Semester: 1, 2, 3
► GSN481 PHILANTHROPIST AND NONPROFIT FRAMEWORKS OF GOVERNANCE
This unit explores contemporary understandings of philanthropy and nonprofit framework governance in the context of social, economic and political systems. It locates these understandings in various theoretical and descriptive frameworks, providing students with both the knowledge and analytical skills that are necessary to reflect critically on philanthropy and nonprofit governance systems and their consequences.
Courses: BS39, BS93, BS95, GS40, GS41, GS43, GS50, GS85, GS86, GS87, GS93, GS97
Contact hours: 3 per week Credit points: 6
Incompatible with: GSN472, GSN229
Campus: GP Semester: 1
► GSN482 PHILANTHROPIST AND NONPROFIT MANAGEMENT
This unit examines the role that economic theory can play in aiding decision-making in nonprofit organisations. It introduces students to the principles of microeconomics and explores their practical application to a range of decisions that confront nonprofit organisations. Production theory, cost theory, elasticity and market failure are some of the topics explored in the nonprofit context.
Courses: BS39, BS93, BS95, GS40, GS41, GS43, GS50, GS85, GS86, GS87, GS93, GS97
Contact hours: 3 per week Credit points: 6
Incompatible with: GSN229, GSN346
Campus: GP Semester: 1
► GSN483 ETHICS FOR PHILANTHROPIST AND NONPROFIT ORGANISATIONS
This course introduces students to ethical theories and constructs with a focus on producing effective personal and professional resolutions to those ethical dilemmas specifically associated with philanthropy and nonprofit (PANFP) organisations. The unit recognises the distinctive mission and character of PANFP organisations, and their managers and governing bodies.
Courses: BS39, BS93, BS95, GS40, GS41, GS43, GS50, GS85, GS86, GS87, GS93, GS97
Contact hours: 3 per week Credit points: 6
Incompatible with: CON427, AMN480
Campus: GP Semester: 1
► GSN484 MANAGEMENT FOR PHILANTHROPIST AND NONPROFIT ORGANISATIONS
This unit introduces students to the major management sub-disciplines of human resource management and industrial relations, governance, financial management, and management of contracts, and as the trend to outsourcing various functions to other organisations continues.
Courses: BS39, BS93, BS95, GS40, GS41, GS43, GS50, GS85, GS86, GS87, GS93, GS97
Contact hours: 3 per week Credit points: 6
Incompatible with: GSN247, AMN480
Campus: GP Semester: 1
► GSN485 LEGAL ISSUES FOR PHILANTHROPIST AND NONPROFIT ORGANISATIONS
This unit introduces students to critical issues of philanthropic and nonprofit law and taxation. The unit will examine the regulatory, taxation and governance framework of nonprofit organisations and philanthropic transactions in Australian Federal and State jurisdictions.
Courses: BS39, BS93, BS95, GS40, GS41, GS43, GS50, GS85, GS86, GS87, GS93, GS97
Contact hours: 3 per week Credit points: 6
Incompatible with: GSN247, AMN480
Campus: GP Semester: 1
► GSN486 ACCOUNTING ISSUES FOR PHILANTHROPIST AND NONPROFIT ORGANISATIONS
This unit examines accounting issues that relate to the financial reporting framework of philanthropic and nonprofit organisations in Australia. The unit examines how these frameworks operate, and how different frameworks can be reconciled to assist in the decision-making processes of philanthropic and nonprofit organisations.
Courses: BS39, BS93, BS95, GS40, GS41, GS43, GS50, GS85, GS86, GS87, GS93, GS97
Contact hours: 3 per week Credit points: 6
Incompatible with: GSN231
Campus: GP Semester: 2
► HHB050 MANDARIN FOR CHINESE
This subject continues to develop the four macro skills of listening, speaking, reading and writing through an integrated communicative approach. Whilst this subject focuses on the development of an intermediate level of the Pinyin Romanization system, greater attention is devoted to the reading and writing of characters. With acquisition of language, students receive further exposure to aspects and characteristics of Chinese culture.
Courses: All
Prerequisites: HUB453 or HHHB051
Credit points: 12
Incompatible with: HUB454
Campus: GP Semester: 3
► HHB053 INTERMEDIATE MANDARIN See HBB052
Campus: GP Semester: 1
► HHB054 ADVANCED MANDARIN See HBB052
Campus: GP Semester: 2
► HHB056 INTERNATIONAL INTEGRATIVE PROGRAM Short period of intensive language study conducted at an approved institution in the country where the target language is used; aims to enhance language skills and introduce students to the culture of the country in an immersion situation.
Courses: HH01, HH22, IF43, IF70, IF81, IF82, IF83, IF85, ED50, BS56, SS60
Credit points: 12 Incompatible with: HUB646
► HHB057 INTERNATIONAL SUMMER SCHOOL OR EQUIVALENT
Four to six weeks of concentrated learning at an approved institution.
Courses: BS50, ED50, HH01, HH20, HH22, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF90, SS60
Credit points: 24 Incompatible with: HUB647
► HHB058 IN-COUNTRY STUDY - A
An approved course of study at a designated foreign institution for one semester.
Courses: ED50, HH01,HH20, HH22, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF90, BS56, SS60
Credit points: 48 Incompatible with: HUB648
► HHB059 IN-COUNTRY STUDY - B
An approved course of study at a designated foreign institution for one semester.
Courses: HH01, HH22, HH20, IF43, IF70, IF81, IF82, IF86, SS60
Credit points: 48 Incompatible with: HUB461
► HHB060 FRENCH FOR THE TOURISM INDUSTRY
This unit should be of interest to anyone wanting to work in the tourism industry overseas or in Australia. It concentrates on the development of communicative skills with a special focus on the tourism and hospitality industry.
Prerequisites: French Immersion Program/In-country Program (following Senior French) or HHB057
Corequisites: HUB674 or HHB065 (for students wishing to take Hub675 French 6 in Semester 2) Credit points: 4 per week
Incompatible with: HUB452
Campus: GP
► HHB061 FRENCH 1
Aims to give students who have not reached senior course 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 students to contemporary issues.
**UNIT SYNOPSSES**

| Courses: BS56, ED50, ED51, HH101, HH102, HU22, IF34, IF70, IF81, IF82, IF83, IF84, IF86, SC30 | Credit points: 2 | Semester: 2 | **HHB066 FRENCH 6**

This unit allows students to play with verbal and non-verbal aspects of French by studying pain; comic sketches; cartoons. Students write and present a short play at the end of the course.

| Courses: BS56, ED50, ED51, HH101, HH102, HU22, IF34, IF70, IF81, IF82, IF83, IF84, IF86 IF70, SC30, IF30, SS60 | Prerequisites: HUB675 | Contact hours: 2 per week | Credit points: 12 | Incompatible with: HUB672 | Campus: GP |

**HHB080 JAPANESE 5**

At this level, students develop visual/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, HH101, HH102, HU22, IF34, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60 | Prerequisites: HUB655, HUB674 or equivalent | Contact hours: 4 per week | Credit points: 12 | Incompatible with: HUB654 | Campus: GP |

**HHB076 JAPANESE 6**

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, HH101, HH102, HU22, IF34, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60 | Prerequisites: HUB655, HHB076 or equivalent | Contact hours: 4 per week | Credit points: 12 | Incompatible with: HUB656 | Campus: GP |

**HHB078 JAPANESE 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, HH101, HH102, HU22, IF34, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60 | Prerequisites: HUB656, HHB077 or equivalent | Contact hours: 4 per week | Credit points: 12 | Incompatible with: HUB657 | Campus: GP |

**HHB081 JAPANESE 1**

Conversation and listening skills are developed using communicative methodology. Students are introduced to some authentic cultural settings using interactive video programs. The hiragana and katakana scripts are taught from the outset and a total of 175 kanji are introduced.

| Courses: BS56, ED50, ED51, HH101, HH102, HU22, IF34, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60 | Prerequisites: HUB656, HHB077 or equivalent | Contact hours: 4 per week | Credit points: 12 | Incompatible with: HUB658 | Campus: GP |

| Courses: BS56, ED50, ED51, HH101, HH102, HU22, IF34, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60 | Prerequisites: HUB656, HHB077 or equivalent | Contact hours: 4 per week | Credit points: 12 | Incompatible with: HUB658 | Campus: GP |

**HHB080 JAPANESE 1**

Conversation and listening skills are developed using communicative methodology. Students are introduced to some authentic cultural settings using interactive video programs. The hiragana and katakana scripts are taught from the outset and a total of 175 kanji are introduced.

| Courses: BS56, ED50, ED51, HH101, HH102, HU22, IF34, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60 | Prerequisites: HUB656, HHB077 or equivalent | Contact hours: 4 per week | Credit points: 12 | Incompatible with: HUB658 | Campus: GP |

**HHB081 JAPANESE 1**

Conversation and listening skills are developed using communicative methodology. Students are introduced to some authentic cultural settings using interactive video programs. The hiragana and katakana scripts are taught from the outset and a total of 175 kanji are introduced.

| Courses: BS56, ED50, ED51, HH101, HH102, HU22, IF34, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60 | Prerequisites: HUB656, HHB077 or equivalent | Contact hours: 4 per week | Credit points: 12 | Incompatible with: HUB658 | Campus: GP |

**HHB081 JAPANESE 1**

Conversation and listening skills are developed using communicative methodology. Students are introduced to some authentic cultural settings using interactive video programs. The hiragana and katakana scripts are taught from the outset and a total of 175 kanji are introduced.

| Courses: BS56, ED50, ED51, HH101, HH102, HU22, IF34, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60 | Prerequisites: HUB656, HHB077 or equivalent | Contact hours: 4 per week | Credit points: 12 | Incompatible with: HUB658 | Campus: GP |
UNIT SYNOPSIS

Contact hours: 4 per week  Credit points: 12  Incompatible with: HUB660  Campus: GP  Semester: 2, 3  ► HHB082 JAPANESE 2  Conversation and listening skills are developed using communicative methodology. Students study authentic cultural settings using interactive videodisc programs. The hiragana and katakana scripts are taught for the outset and a total of 175 kanji are introduced.  Courses: BS56, ED50, ED51, HH01, HU20, IF36, IF37, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60  Prerequisites: HUB660 or HUB808  Contact hours: 4 per week  Credit points: 12  Incompatible with: HUB697  Campus: GP  Semester: 1  ► HHB088 JAPANESE 8  Practical skills for use in a business or other work-related situation are developed. These include writing a CV and letter of application for a job using a Japanese word processor, making phone calls, and for an interview, understanding the structure of Japanese companies, using polite language and presenting a business plan in Japanese. Kanji knowledge is extended beyond 1000.  Courses: BS56, ED50, ED51, HH01, HU20, IF32, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60  Prerequisites: HUB660 or HUB807  Contact hours: 4 per week  Credit points: 12  Incompatible with: HUB867  Campus: GP  Semester: 2  ► HHB091 GERMAN 1  In this introductory unit, students study authentic material using interactive videodisc technology and communicative class activities to equip them with basic communication skills for everyday use and for some workplace situations.  Courses: BS56, ED50, ED51, HH01, HU20, IF32, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60  Prerequisites: HUB735  Contact hours: 4 per week  Credit points: 12  Incompatible with: HUB736  Campus: GP  Semester: 1, 2  ► HHB092 GERMAN 2  In this introductory unit, students study authentic material using interactive videodisc technology and communicative class activities to equip them with basic communication skills for everyday use and for some workplace situations.  Courses: BS56, ED50, ED51, HH01, HU20, IF32, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60  Prerequisites: HUB735, HHB091 or equivalent  Contact hours: 4 per week  Credit points: 12  Incompatible with: HUB736  Campus: GP  Semester: 2, 3  ► HHB093 GERMAN 3  Consolidates speaking, listening, reading and writing skills using authentic video, interactive computer exercises, classroom communication activities, and written language and grammar assignments. Topics promote socio-cultural awareness and knowledge of several areas of business and workplace language use.  Courses: BS56, ED50, ED51, HH01, HU20, IF32, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60  Prerequisites: HUB736 or HHB092  Contact hours: 4 per week  Credit points: 12  Incompatible with: HUB737  Campus: GP  Semester: 1  ► HHB094 GERMAN 4  Central to this unit are videodiscs relating to the events of 1989 and their consequences for German society. There is an increasing emphasis on writing skills and the expansion of the social and linguistic skills necessary in a German-speaking workplace.  Courses: BS56, ED50, HH01, HU20, IF32, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60  Prerequisites: HUB737 or HHB093 or equivalent  Contact hours: 4 per week  Credit points: 12  Incompatible with: HUB738  Campus: GP  Semester: 1  ► HHB095 GERMAN 5  Develops linguistic competence to a higher level through intensive study of syntax and vocabulary expansion and revision. Reading and writing activities focus on newspaper articles. Students should be able to write 1000 kanji by the end of the unit.  Courses: BS56, ED50, ED51, HH01, HU20, IF32, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60  Prerequisites: HUB660 or HUB806  Contact hours: 4 per week  Credit points: 12  Incompatible with: HUB697  Campus: GP  Semester: 1  ► HHB096 GERMAN 6  Two streams: (1) Students expand their knowledge of German culture through legends, fairytales, songs and news broadcasts on interactive videodisc technology; (2) Students learn German texts relating to business and the professions.  Courses: BS56, ED50, ED51, HH01, HU20, IF32, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60  Prerequisites: HUB739, HHB095 or equivalent  Contact hours: 4 per week  Credit points: 12  Incompatible with: HUB740  Campus: GP  Semester: 2  ► HHB097 GERMAN 7  A survey of literary texts from Lessing to contemporary German writers forms a basis for grammatical study and analytic skills, and film features are used to increase students' range of cultural awareness.  Courses: BS56, ED50, ED51, HH01, HU20, IF32, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60  Prerequisites: HUB740, HHB096 or equivalent  Contact hours: 4 per week  Credit points: 12  Incompatible with: HUB741  Campus: GP  Semester: 1  ► HHB101 JAPANESE 8  Students continue their journey in Japanese literature but explore different genres. Computer and videodisc applications explore the language and terminology.  Courses: BS56, ED50, ED51, HH01, HU20, IF32, IF36, IF43, IF70, SC30, IF30, IF43, IF70, IF81, IF82, IF83, IF84, SC30  Prerequisites: HUB741, HHB097 or equivalent  Contact hours: 4 per week  Credit points: 12  Incompatible with: HUB742  Campus: GP  Semester: 2  ► HHB100 INTRODUCTION TO HUMAN SERVICES  This unit provides an introduction to human services and locates this within the broader context of the welfare state. It examines both the history, and local 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 work and to provide a foundation for detailed study in later years of the course.  Courses: HH02, SS60, HH04  Contact hours: 3 per week  Credit points: 12  Incompatible with: HSB110  Campus: CA  Semester: 1  ► HHB101 THE WELFARE OF AUSTRALIANS  This unit provides a comprehensive demographic, political, social, economic, locational, indigenous and cultural portrait of Australia. It introduces concepts of power, class, authority, status, gender, race, location and culture and applies these to the Australian identity. The unit explores a number of topical social, economic and cultural issues. Students are encouraged to develop a critical analytical framework for the exploration of Australian society.  Courses: HH02  Contact hours: 3 per week  Credit points: 12  Incompatible with: CAH  Campus: CA  Semester: 1  ► HHB102 THE HUMAN CONDITION  This unit introduces students to a range of individual, familial and social conditions that impact on the lives and lifestyles of Australians. Attention is directed toward the impact of factors such as age, ability, gender, culture and class, and the identification and critical reflection on implications in human growth and development. Students become informed about theories from a range of disciplines. An individual service worker may undertake or utilise will be explored. The unit challenges students to reflect on their own understandings of human services work and to provide a foundation for detailed study in later years of the course.  Courses: HH02, HH102  Contact hours: 3 per week  Credit points: 12  Incompatible with: CAH  Campus: CA  Semester: 1  ► HHB102 THE HUMAN CONDITION  This unit introduces students to a range of individual, familial and social conditions that impact on the lives and lifestyles of Australians. Attention is directed toward the impact of factors such as age, ability, gender, culture and class, and the identification and critical reflection on implications in human growth and development. Students become informed about theories from a range of disciplines. An individual service worker may undertake or utilise will be explored. The unit challenges students to reflect on their own understandings of human services work and to provide a foundation for detailed study in later years of the course.  Courses: HH02, HH102  Contact hours: 3 per week  Credit points: 12  Incompatible with: CAH  Campus: CA  Semester: 1
UNIT SYNOPSIS

Credit points: 12 Incompatible with: HSB121
Campus: CA Semester: 2

HHB108 CONTEMPORARY SOCIAL AND COMMUNITY ISSUES
This unit explores a number of contemporary social issues relating to social marginalisation and disadvantage. Students will be exposed to these issues in a theoretical and descriptive framework thus providing students with both knowledge and analytical tools 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 lie behind structural inequity. It encourages students to reflect on the implications of structural disadvantage for human service practice, and investigate the role of the human service worker as a participant in civil society.
Courses: HH02, HH04
Contact hours: 3 per week Credit points: 12 Incompatible with: HSB122

HHB108 AUSTRALIAN SOCIETY AND CULTURE FOR INTERNATIONAL STUDENTS
This unit will provide students from overseas study program with experiences and knowledge that will enhance their understanding of contemporary Australian society. A number of social, cultural and political topics, policies, and actions that have shaped the people of Australia will be studied.
Courses: All
Contact hours: 3 per week Credit points: 12
Semester: 1

HHB109 AUSTRALIAN HISTORICAL STUDIES
Public access to history is increasing constantly. Historical films, encyclopaedia, museums, galleries and national celebrations is contested, uncertain, and controversial. Who should tell history, what should be told and what should be left out are hotly debated. History is no longer dominated by celebratory, chronological narratives. Multi-disciplinary approaches, alternative viewpoints and a wide range of media are now used to project private, family, community and national myths and histories. This unit introduces Australian historical studies, research and teaching reflect these uncertainties.
Courses: HH01
Contact hours: 3 per week Credit points: 12
Semester: 2

HHB110 INTRODUCTION TO INTERNATIONAL AND GLOBAL STUDIES
This unit introduces students to a range of important perspectives in understanding international and global social change. Students will identify trends in globalisation from historical and theoretical frameworks, analyse regional trends and issues, and investigate the workings of significant international organisations and operations. In this unit students will develop research and communication skills in print and electronic media.
Courses: HH01, HH20, HH22, SS60, IF30, IF36, IF43, IF70, IF81, IF82, IF86
Contact hours: 3 per week Credit points: 12 Incompatible with: HUB221
Semester: 1

HHB111 ISSUES IN INTERNATIONAL AND GLOBAL STUDIES
The forces of globalisation and internationalisation represent opportunities and challenges in the workplace, 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 impacts and their responses. This unit will help students develop research and communication skills in print and electronic media.
Courses: HH01, HH20, HH22, SS60, IF30, IF36, IF43, IF70, IF81, IF82, IF86
Contact hours: 3 per week Credit points: 12 Incompatible with: HUB222
Semester: 2

HHB112 ETHICS, LAW AND HEALTH RIGHTS AND ETHICS
The political life of the Australian citizen; the democratic political traditions and institutional bases of Australian political life; the process by which political decisions get made at all levels of Australian politics.
Courses: HH01, HH20, HH22, IF30, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SS60
Contact hours: 3 per week Credit points: 12 Incompatible with: HUB694
Semester: 1

HHB113 INTERPERSONAL COMMUNICATION
Introduces skills and processes of interpersonal communication with emphasis on building rapport, reflective listening, questioning to understand, empathy and advocacy 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: HHS02, SS60, HH03, HH04
Contact hours: 3 per week Credit points: 12 Incompatible with: PYB052, HSB052
Semester: 2

HHB114 INTRODUCTION TO HUMAN RIGHTS AND ETHICS
This unit locates human rights in a broad political, 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 rights events. It may examine human rights in particular countries, explore topics such as child soldiers and trafficking, and investigate dramatic issues concerning the human rights of women, children and indigenous peoples. Extensive use is made of the Internet and media. Assessment options allow students to present work in a variety of forms.
Courses: HH01, HH02, HH03, HH04
Contact hours: 3 per week Credit points: 12 Incompatible with: HUB001
Semester: 1

HHB115 HUMAN IDENTITY AND CHANGE
What it means to be human; ways human identities (for example cultural, sexual, professional) are created and transformed; issues of identity, morality and change confronting human units in their encounters with the demands of contemporary life.
Courses: HH01, HU20, HH22, IF36, IF70, IF81, IF82, IF83, IF84, IF86, IF90, SS60
Contact hours: 3 per week Credit points: 12 Incompatible with: HUB001
Semester: 2

HHB116 APPLIED SKILLS AND SCHOLARSHIP
This unit aims to introduce students to key aspects of post-graduate research. Social scientific knowledge graduates are expected to acquire across the period of their studies. The unit covers a range of topics relating to information literacy, academic integrity, and the construction and dissemination of scholarship. These topics are addressed in a practical way so that students will easily be able to apply the skills learned across other units in their course. Students have the opportunity to develop their skills through a series of activities such as self-paced online exercises and quizzes, and through individual electronic access to a tutor. A variety of assessment items are spread across the semester.
Courses: HH01, HH02, HH03, HH04, HH06, IF70, IF81, IF82, IF86
Contact hours: 3 per week Credit points: 12 Incompatible with: HUB000
Semester: 1, 2

HHB117 INTRODUCTION TO SOCIAL RESEARCH METHODS
Part of human service work involves the capacity to analyse, critique, and understand the logic and relationship to practice of research findings. The emphasis of the unit is on becoming a good consumer of research through the adoption of a critical approach to the reading and utilisation of research. This unit is also designed to develop basic research skills and to prepare students for post-graduate research. Social scientific knowledge, its uses and ethical implications in the human service context; research designs and methodologies, data collection techniques are discussed.
Courses: HH02, HH01, HH22, SS60, IF43, IF70, IF81, IF82, IF86, IF90
Contact hours: 3 per week Credit points: 12 Incompatible with: HSB222
Semester: 2

HHB120 ETHICS, LAW AND HEALTH RIGHTS AND ETHICS
Nursing practice involves making decisions with and for others which necessarily involve making evaluations of what is in the best interest of others. Nurses' obligations to others and what will best protect or enhance their wellbeing. Hence, decision-making in nursing practice is bounded by normative considerations and
these normative considerations fall into two groups: those constituted by the law and those constituted by ethics. This unit has been designed to provide for nursing students and practitioners an opportunity to develop a reflective understanding of the difference 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, HU01, HU03
Contact hours: 3 per week Credit points: 12 Incompatible with: HUB009

Semester: 2

► HHB121 INTERPRETING THE PAST

Examine 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 meanings.

Courses: ED50, HU01, HU20, HU22, HU21, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60
Contact hours: 3 per week Credit points: 12 Incompatible with: HUB649
Campus: CA Semester: 1

► HHB122 COLONIALISM AND INDEPENDENCE IN ASIA PACIFIC

General introduction to the history and geography of the Asia-Pacific region with a focus on the impact of the ideas of imperialism, nationalism and economic modernisation. The unit will also consider issues of population, the environment and urbanisation.

Courses: ED50, ED51, HU01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60
Contact hours: 3 per week Credit points: 12 Incompatible with: HUB610
Campus: CA Semester: 2

► HHB123 INDIGENOUS AUSTRALIAN CULTURE STUDIES

An appreciation of the two distinct indigenous cultures of Australia; how external forces to Aboriginal and Torres Strait Islander cultures cause social, economic and political changes; traditional family life and organisation.

Courses: HH01, HH04
Contact hours: 3 per week Credit points: 12 Incompatible with: HUB700, HUB227
Campus: CA Semester: 1

► HHB127 ENVIRONMENT AND SOCIETY

A geographical systems approach to investigations of the natural and social environments, and human-environmental interactions. The emphasis is on the interaction of spatial patterns and variability in social and natural landscapes through the understanding of physical, social and cultural processes and their relationship to regional and local spatial scales. Through practical sessions, the acquisition of basic geographical field and mapping skill is fostered.

Courses: HH01, HH04, IF70, IF81, IF82
Credit points: 12 Incompatible with: HUB201, HUB227
Campus: CA Semester: 2

► HHB200 WORKING IN HUMAN SERVICE ORGANISATIONS

Service quality and the organisational dimension; individual and group development in 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 disagreements.

Courses: HH02, HH07
Prerequisites: HSB110, HSB120
Contact hours: 3 per week Credit points: 12 Incompatible with: HSB211
Campus: CA Semester: 2

► HHB201 INITIAL PROFESSIONAL PRACTICE

Only enrolled Bachelor of Social Science (Human Services) students can undertake this unit. It provides students with an orientation to the human services industry and the organisational context of practice. A broad range of practice methods and strategies is covered. 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 develop an individual learning plan and work performance is assessed on six core competencies. Students assess their own suitability for the different types of human services practice.

Courses: HH02
Credit points: 24 Incompatible with: HSB201
Campus: CA Semester: 1

► HHB203 AGED SERVICES: INTRODUCTION

This unit focuses specifically on human service work with older adults. It introduces the developmental, social and cultural environment which impact on ageing, including aspects of intelligence, memory and learning and perspectives of work and retirement. In addition, the home environment and living with change, relations with family members and dealing with loss and grief are discussed.

Courses: HH01, HH07, SS60
Contact hours: 3 per week Credit points: 12 Incompatible with: HSB213
Campus: CA Semester: 1

► HHB204 CHILD AND FAMILY SERVICES: INTRODUCTION

This unit introduces students to child and family welfare studies and focuses on approaches to supporting children and young people in transition. 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 family empowering approaches. Dilemmas associated with working with children and families facing adversity are examined.

Courses: HH02, SS60
Contact hours: 3 per week Credit points: 12 Incompatible with: HSB214
Campus: CA Semester: 1

► HHB205 CORRECTIVE SERVICES: INTRODUCTION

Introduces students to the development and function of correctional services in the Australian criminal justice system. Examining the history and changing role and functions of prisons, and the emergence of community corrections, the unit assists students in understanding social and philosophical underpinnings about the purpose and function of prisons and community corrections. The unit also examines theories of deviance, and types of offenders.

Courses: HH02, SS60
Contact hours: 3 per week Credit points: 12 Incompatible with: HSB215
Campus: CA Semester: 1

► HHB206 DISABILITY SERVICES: INTRODUCTION

This unit links social justice, human rights and empowerment philosophies underpinning courses from the School of Human Services in presenting various uses to which group processes may be put. Emphasises the importance of group processes in service delivery and involvement; developing group skills and tasks and roles including assessment, referral, brokering, review, advocacy, record keeping and workload management. Key learning strategies are project based and experiential, involving the design and production of a group case management system.

Courses: HH02, SS60
Contact hours: 3 per week Credit points: 12 Incompatible with: HSB230
Campus: CA Semester: 2

► HHB211 CASEWORK AND CASE MANAGEMENT

Casework and case management are the predominant forms of human service work 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 casework skills, tasks and roles including assessment, referral, brokering, review, advocacy, record keeping and workload management. Key learning strategies are project based and experiential, involving the design and production of a group case management system.

Courses: HH02, SS60
Contact hours: 3 per week Credit points: 12 Incompatible with: HSB230
Campus: CA Semester: 2

► HHB212 COMMUNITY WORK

Community work as a distinct intervention skill is defined. The background to community work practice in Australia, models of casework and community work, issues introduced and analysed. Basic skills and techniques are developed: entering a community; building community involvement; developing community action; managing common problems.

Courses: HH02, SS60
Contact hours: 3 per week Credit points: 12 Incompatible with: HSB231
Campus: CA Semester: 1

► HHB213 SOCIAL POLICY PROCESSES

Conceptualising economic, structural change in society and 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 and past forms of housing, immigration, income security, immigration and family policies at federal, state and local government level.

Courses: HH02, SS60
Contact hours: 3 per week Credit points: 12 Incompatible with: HSB231
Campus: CA Semester: 2

► HHB214 TEAM PRACTICE AND GROUP PROCESSES

A significant methodology used in human service work involves facilitating, supporting or consulting with various groups of people. This unit focuses on the development of skills to utilise this type of intervention appropriately. The unit aims to provide a basic understanding of the various uses to which group processes may be
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 focus. Students are encouraged to draw on their own experiences and analysis of relevant theoretical perspectives and models.

Students are assisted toward the development of their initial framework for human services practice which includes identifying ideologies, values, ethics, cultural diversity and practice contexts upon service delivery options are explored. Assessment includes an oral presentation and two exams.

Courses: HH02, HS07
Contact hours: 4 per week Credit points: 12
Campus: CA

► HHB22 INTERVENTION THEORIES AND METHODS

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 within human service practice.

Critical examination of these will further assist students in the ongoing development of their own practice framework especially in respect of the dynamic interplay between personal and professional influences. The unit plays an important role in preparing students to undertake their Professional Practice Placement in third year.

Courses: HH02, HS07 Prerequisites: HHB218 Contact hours: 3 per week Credit points: 12
Incompatible with: HHB228
Campus: CA Semester: 2

► HHB22 INTERVENTION PROCESSES AND ETHICS

This unit focuses on knowledge and skills for human services practice. Its particular focus is enabling students to apply core human services processes (such as engagement, assessment, intervention, case management, closure), and to develop skills in considering the ethical and cultural dimensions within human service practice.

Critical examination of these will further assist students in the ongoing development of their own practice framework especially in respect of the dynamic interplay between personal and professional influences. The unit plays an important role in preparing students to undertake their Professional Practice Placement in third year.

Courses: HH02, HS07 Prerequisites: HHB218 Contact hours: 3 per week Credit points: 12
Incompatible with: HHB228
Campus: CA Semester: 2

Unit Syopses

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Prerequisites: SSB069 or HUB133
Contact hours: 3 per week Credit points: 12
Incompatible with: HUB140
Campus: CA Semester: 2

► HHB225 POLITICAL SOCIOLOGY

This unit examines a variety of sociological theories which might be used to understand political action. The unit looks at political parties and the state; power has frequently been regarded as flowing from the state. We shall examine these debates, and move on to recent theorisations of the new politics.

Courses: HH01, HH03, HH04, HU22, SS60, HU20, IF30, IF36, IF70, IF80, IF82, IF86, IF88
Contact hours: 3 per week Credit points: 12
Incompatible with: HUB134
Campus: CA Semester: 2

► HHB226 CONSUMING CULTURES

This unit is usually taught in economic terms as the ‘flip-side’ to production. However, the act of consuming can also be considered as a political act. This unit looks at the ways in which cultural industries are produced and consumed internationally. Additionally, while the social relations of production and the way in which consuming practices are read culturally often understood socially, this unit looks at the ways in which collective identities are created through the consumption of goods and services.

Courses: HH01, HU22, SS60, IF43, IF30, IF70, IF82, IF86
Contact hours: 3 per week Credit points: 12
Incompatible with: HUB207
Campus: CA Semester: 2

► HHB228 ENVIRONMENTAL HAZARDS

The nature of hazard, risk and disaster; origins of hazards; nature of disaster; influences on the perception of risk; disaster prediction, preparation, response and recovery strategies.

Courses: ED50, HH01, HU20, HH22, IF70, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60
Contact hours: 3 per week Credit points: 12
Incompatible with: HUB200
Campus: CA Semester: 2

► HHB229 WINDOWS ON JAPAN

The focus of this unit is contemporary Japan and Japanese society. Topics include a geographical overview of Japan, its natural resources and population; contemporary political, social and environmental change; Japan’s role in the Asia Pacific region.

Courses: ED50, HH01, HU20, HH22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60
Contact hours: 3 per week Credit points: 12
Incompatible with: HUB220
Campus: CA Semester: 1

► HHB230 POLITICAL BEHAVIOUR

Topics covered include political sociocultural 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 debate centres on the implications of globalisation in the (re)formulation of cultures and cultural values. For example, does globalisation and its associated mass production of goods and services imply increasingly homogenised consumption cultures or are there other processes at work which act to challenge or unsettle such homogenising tendencies?

Courses: HH01, HU22, SS60, IF43, IF30, IF70, IF82, IF86
Contact hours: 3 per week Credit points: 12
Incompatible with: HUB207
Campus: CA Semester: 2

The focus of this unit is contemporary Japan and Japanese society. Topics include a geographical overview of Japan, its nature of hazards; nature of disaster; influences on the perception of risk; disaster prediction, preparation, response and recovery strategies.

Courses: ED50, HH01, HU20, HH22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60
Contact hours: 3 per week Credit points: 12
Incompatible with: HUB220
Campus: CA Semester: 1

► HHB231 HEALTH, SOCIETY AND ENVIRONMENT

Provides sociological analysis of the healthcare models and institutions, healing relationships
UNIT SYNOPSIS

**HHB232 SURVEY METHODS**
Introduces students to the principles and procedures of survey research. Using a practical, applied approach stressing the uses of survey research for investigating a range of different social problems and social science questions. It covers the fundamentals of designing and conducting surveys and then introduces students to the basics of how to analyse survey data once they have been collected. No prior knowledge of or experience with survey research or statistics is assumed.

*Courses: SS07, SS60, HH01, HU20, HU22, IF30, IF36, IF43, IF70, IF81, IF82, IF86*

*Prerequisites: HUB120 or SSB000*

*Credit points: 12 Incompatible with: HUB130*

*Campus: CA Semester: 1*

**HHB233 SEX, GENDER AND SOCIETY**
Focuses on the history of feminist thought and contemporary approaches, with reference to issues of sociological inquiry. It examines the significance of perspectives from critical theory, structuralism, post-structuralism and action approaches in the development of feminist theory. The implications of feminist perspectives for research strategies will be considered with reference to feminist philosophers of science and metatheorists such as Sandra Harding and Dorothy Smith.

*Courses: SS07, SS60, HH01, HU20, HU22, IF30, IF36, IF43, IF70, IF81, IF82, IF86*

*Contact hours: 3 per week Credit points: 12 Incompatible with: HUB131*

*Campus: CA Semester: 1*

**HHB234 SOCIOLOGICAL THEORY**
Examines the relationship between sociological theories and sociological analysis. It covers a range of theoretical approaches and looks at their application in specific case studies. Students are encouraged to see the social world as an exploratory and investigational terrain which can be approached from a variety of research strategies. The range of topics will be explored in relation to theories of class, power and history.

*Courses: HH01, HH03, IF70, IF36, IF43, IF81, IF82, IF86*

*Prerequisites: HUB120 or HHB104*

*Contact hours: 3 per week Credit points: 12 Incompatible with: HUB133*

*Campus: CA Semester: 1*

**HHB235 IDENTITIES: THE BODY, TECHNOLOGY & CYBERSPACE**
The question of social identities emerging in late modernity represents one of the most crucial aspects of contemporary social theorising and development. The unit will gain insight into the problems and debates of mixed race. The unit will cover debates on identity, covering a range of topics such as: race, ethnicity and cultural identity. The unit will cover the problem of race, ethnicity and cultural identity. The unit will cover the problem of race, ethnicity and cultural identity. The unit will cover the problem of race, ethnicity and cultural identity.

*Courses: HH01, HH03, IF70, IF36, IF82, IF43*

*Contact hours: 3 per week Credit points: 12 Incompatible with: HUB133*

**HHB236 VIRGINS, SAINTS AND SINNERS: SOCIETY OF RELIGION**
This unit explores the role which religions and religious beliefs play in contemporary social processes. It will discuss how religious movements are gaining in status and 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, sects and Christianity. The unit will explore the ideas of sin, apocalypse, and many others. Religious phenomena will be explored in a manner sensitive to differences in cultural and religious preferences, and in a critical, relativist and value-neutral fashion.

*Courses: HH01, HU20, HU22, SS60, IF36, IF43, IF70, IF82, IF86*

*Contact hours: 3 per week Credit points: 12 Incompatible with: HUB145*

*Campus: CA Semester: 1*

**HHB237 BRISBANE IN THE TWENTIETH CENTURY**
A study of Brisbane's growth: this unit serves to highlight in a more immediate way, trends which are apparent at the national and international level. This unit focuses on key events in the history of Brisbane. It examines sources and approaches to the study of the history of Brisbane and district and then applies these ideas to selected case studies.

*Courses: HH01, HH03*

*Credit points: 12 Campus: CA*

**HHB238 ASIAN CULTURES AND SOCIETIES**
This is an introductory survey of Asian societies and cultures. It presents the diverse array of cultures, languages, religions, and approaches which comprise the diversity of the Asian Pacific region. It aims to introduce students to the environment, the cultures, and the philosophies of the Pacific at the current time. Focus will be placed on the nature of economic and political development in the region and the costs and benefits of that experience.

*Courses: HH01, IF43, IF70, IF36, IF81, IF82, IF86*

*Contact hours: 3 per week Credit points: 12 Incompatible with: HUB331*

*Campus: CA Semester: 1*

**HHB239 KOREAN CULTURE AND SOCIETY**
Korea has important trading, historical and cultural links with Australia. In this introductory unit on Korea, students will examine the history, cultures, and societies of South and North Korean, with foundations in pre-modern history and the philosophies of shamanism, Taoism, Buddhism and Confucianism. The unit will examine the experiences in Korea of colonialism, communism and modernization. Students will critically evaluate contemporary politics, society and social relations in Korea, the impacts of globalisation and Korea's place in regional and world affairs.

*Courses: HH01, HU20, HU22, SS60, IF36, IF43, IF70, IF81, IF82, IF86, IF30*

*Contact hours: 3 per week Credit points: 12 Incompatible with: HUB332*

*Campus: CA Semester: 2*

**HHB240 SOCIOLOGY OF CRIME AND DEVIANCY**
Crime, justice and deviance are central features of our social and political lives. A sociological approach to the study of crime and deviance takes for granted that social values, institutions and society 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. With the problem of deviance it also has a sociological major, it deals with one of the core concerns in sociology. It is extremely useful for students for a variety of career options (policing, corrections, social policy, private security, etc).

*Courses: HH01, HH03, IF70, IF36, IF82, IF43*

*Contact hours: 3 per week Credit points: 12 Incompatible with: HUB150*

*Campus: CA Semester: 2*

**HHB241 GENDER AND GLOBALISATION**
This unit challenges existing notions of development. It evaluates current models of development and aid in terms of their implications for women.

*It suggests that real development for women and their dependents requires a woman-centred approach that acknowledges the needs and desires of the women involved and utilises the existing skills and networks of women themselves.*

*Courses: HH01, HH03*

*Contact hours: 3 per week Credit points: 12 Incompatible with: CA*

**HHB242 PACIFIC CULTURE CONTACT**
Key concepts including mobility, religion, moral, politics, leadership, civilisations, society, change and continuity; develops an appreciation of culture and activity towards the cultural context of the student's studies and comparative analysis focus on the people of the Pacific at the time of initial Euro-American exploration.

*Courses: HH01, HH03, ED50, IF36, IF70, IF81, IF82, IF86*

*Contact hours: 3 per week Credit points: 12 Campus: CA*

**HHB243 THE PACIFIC SINCE 1945**
This unit examines national identity and nationalism in the context of contemporary events in the Pacific Islands, including indigenous and external attempts to create a regional identity. The major themes are cultural transformation, the invention and contestation of identity, and resistance and independence. Through an overview of the events that are important in the lives of Pacific Islanders, students will explore the concepts including mobility, adaptation, change, tradition, continuity, conflict and independence.

*Courses: HH01, HH03*

*Contact hours: 3 per week Credit points: 12 Campus: CA*

**HHB244 SOUTHEAST ASIA IN FOCUS**
Australia's interaction with South-East Asia, including our most populous nearest neighbour, Indonesia, has increased dramatically over the last fifty years. This unit examines aspects of South-East Asian geography, environment, society and culture in a contemporary framework.

*Courses: HH01, HH03*

*Contact hours: 3 per week Credit points: 12 Incompatible with: HUB627*

*Campus: CA Semester: 1*

**HHB246 MODERN CHINA**
A historical survey of China during the nineteenth and twentieth centuries. The primary focus will be on the decline of the traditional Chinese state and the impact of foreign imperialism. Stress is placed on the growth of nationalism and the Chinese revolution. The modernisation of Chinese culture, the position of women and the forces which have brought China to resume its place as the major Asian force will be studied.

*Courses: HH01, HH03*

*Contact hours: 3 per week Credit points: 12 Incompatible with: CA*

**HHB248 THE USA AND THE ASIA-PACIFIC REGION**
Despite claims that it was not a colonial/imperial power, the USA had extensive territories - Hawaii, Philippines, Samoa, Micronesia and - historically was active in China, Vietnam, Korea, Taiwan and was the occupation force in post-war Japan. How did the USA acquire its position in the Asia-Pacific, how was it administered and why did the USA withdraw? How did Asian peoples react to USA control? What role did Asia play in the USA’s concept of their Manifest Destiny, the Open Door policy, the doctrine and the Monroe Doctrine? How is the USA situated now in Asia-Pacific? This unit addresses these questions from a global, regional and historical perspective.

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Courses: HH01, HH22, SS60, IF30, IF43, IF70, IF81, IF82, IF86
Contact hours: 3 per week Credit points: 12
Semester: 2
Campus: CA

► HH249 SOCIAL MOVEMENTS IN AUSTRALIA

Nonviolent social movements in Australia since the 1960s; includes green, women’s, peace, indige- nous and Third World development movements; comparison with overseas and old social move- ments.
Courses: ED50, HH01, HH20, HH22, SS13, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF70, IF30, SS60
Contact hours: 3 per week Credit points: 12
Incompatible with: HUB682
Semester: 1
Campus: CA

► HH250 AUSTRALIAN GEOGRAPHICAL STUDIES

The unit systematically describes and explains the geography of Australia by analysing the distinctive spatial patterns and processes that constitute the Australian landscape. Topics include: the state of the environment, land-use patterns, the rural crisis, settlements and cities, population and societal change, and eco- nomic/regional development. Emphasis is on contemporary, issue-based themes.
Courses: ED50, HH01, HH20, HH22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60
Contact hours: 3 per week Credit points: 12
Incompatible with: HUB683
Semester: 1
Campus: CA

► HH251 AUSTRALIAN RESOURCE MANAGEMENT

Describes the principles of Ecologically Sustain- able Development and environmental resource management and outlines their practical applica- tions to environmental planning, development and conservation issues in Australia. Institu- tional, political, social, economic and technologi- cal processes affecting environmental resource management are critically discussed with exam- ples drawn from contemporary Australian ex-periences.
Courses: ED50, HH01, HH20, HH22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60
Contact hours: 3 per week Credit points: 12
Incompatible with: HUB685
Semester: 1
Campus: CA

► HH253 CONSPIRACY AND DISSERT

Case studies reflect conspiracies as well as pro- test movements in nineteenth and twentieth cen- tury Australia; includes nineteenth century land wars, and resistance movements such as the Petrov affair; the 1975 Dismissal and the Hilton bombing.
Courses: ED50, HH01, HH20, HH22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60
Contact hours: 3 per week Credit points: 12
Incompatible with: HUB692
Semester: 1
Campus: CA

► HH255 INDIGENOUS POLITICAL AND POLITICAL CULTURE

Examines issues and influences underlying the world of indigenous politics; political representa- tion; land rights; health; education; community development; criminal justice; culture and heri- tages; Australian focus with New Zealand and North American comparisons.
Courses: ED50, HH01, HH20, HH22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60
Contact hours: 3 per week Credit points: 12
Incompatible with: HUB703
Semester: 2
Campus: CA

Environment and development of European society from the late Middle Ages to 500 AD; it examine- s the major political, social and economic trends in classical Greek and Roman society.
Courses: HH01, HH03, ED50, IF70, IF81, IF82, IF43, IF86
Contact hours: 3 per week Credit points: 12
Campus: CA

► HH258 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 the na- tion states.
Courses: HH01, HH03
Contact hours: 3 per week Credit points: 12
Campus: CB

► HH259 WAR AND REVOLUTION IN EUROPE 1914-1945

Examines political, social, economic and intellectu- al developments in Europe from 1914-1945.
Courses: HH01, HH20, HH22, IF30, IF43, IF70, IF81, IF82, IF86, SS60
Contact hours: 3 per week Credit points: 12
Incompatible with: HUB723
Semester: 2
Campus: CA

► HH260 NATIONS AND NATIONALISM IN MODERN EUROPE

This unit selectively examines political, social, economic and intellectual developments in mod- ern Europe from the French Revolution to the era before the Great War of 1914-18.
Courses: HH01, HH20, HH22, IF43, IF30, IF70, IF81, IF82, IF86, IF83, SS60
Contact hours: 3 per week Credit points: 12
Incompatible with: HUB743
Semester: 1
Campus: CA

► HH261 MEDIEVAL EUROPE

The Middle Ages constitute a crucial period in the formation of a European identity. The break- down of the Roman world saw the gradual emerg- e of a group of self-governing nation states.
Courses: HH01, HH30, ED50, IF70
Credit points: 12
Campus: CB

► HH262 POLITICAL IDEOLOGIES

The political spectrum of the traditional Left-Right-Centre ideologies including Fascism; Con- servatism; Liberalism; Socialism; Communism; Libertarianism; Environmentalism; along with cross- spectrum ideologies such as Feminism; Imperial- ism; Racism; Environmentalism. The course concludes with a reference to current political ideologies and its implications for the traditional ideological spectrum.
Courses: HH01, HH20, HH22, IF36, ED50, IF30, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SS60
Contact hours: 3 per week Credit points: 12
Incompatible with: HUB772
Semester: 2
Campus: CA

► HH263 POLITICS OF GLOBALISATION

Political economy of production; form of eco- nomic calculation and theories of value, profit and interest; ownership and control of production in market and non-market situations.
Courses: HH01, HH20, HH22, IF36, ED50, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SS60
Contact hours: 3 per week Credit points: 12
Incompatible with: HUB802
Semester: 1
Campus: CA

► HH264 PUBLIC AND PROFESSIONAL ETHICS

Discusses the ethical dimensions of public and professional life; the ethical rights and responsi- bilities of the individual citizen and the state within a liberal democracy; the ethical responsi- bilities of institutional and professional agencies and the roles and ethical responsibilities of indi- vidual citizens in such agencies.
Courses: HH01, HH20, HH22, IF36, IF43, IF70, IF81, IF82, IF86, IF83, IF84, SS60
Contact hours: 3 per week Credit points: 12
Incompatible with: HUB751
Semester: 2
Campus: CA

► HH265 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 national justice system, political practice, health and the environment.
Courses: HH01, HH20, HH22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF83, SS60
Contact hours: 3 per week Credit points: 12
Incompatible with: HUB752
Semester: 2
Campus: CA

► HH266 ETHICAL DECISION MAKING

Examines the ways in which various decision-making practices can be normally; the practical value of such procedures for human transformation and emancipation; the ways in which decision-making practices either sustain or subvert moral communities.
Courses: HH01, HH20, IF36, IF39, IF81, IF82, IF83, IF84, IF86, IF30, SS60
Contact hours: 3 per week Credit points: 12
Incompatible with: HUB753
Semester: 1
Campus: CA

► HH268 VULNERABLE IDENTITIES

Considers vulnerability and the experiences of persons who are vulnerable due to exploitation, disempowerment, criminalisation and/or harassment, and unethical practices; ways of relating with the vulnerable; students develop a richer appreciation for the vulnerable.
Courses: HH01, HH20, HH22, IF36, IF43, IF81, IF82, IF83, IF84, IF86, SS60
Contact hours: 3 per week Credit points: 12
Incompatible with: HUB775
Semester: 1
Campus: CA

► HH269 ETHICS, TECHNOLOGY AND THE ENVIRONMENT

Examines the decisions about new technologies and the environment are based not solely on factual evidence but also on ethical judgments; principles of responsibility; ethics and human rights; ways of relating with the environment; ethics and environments.
Courses: HH01, HH20, IF36, IF43, IF81, IF82, IF83, IF84, IF86, SS60
Contact hours: 3 per week Credit points: 12
Incompatible with: HUB775
Semester: 2
Campus: CA

► HH270 GENE TECHNOLOGY AND ETHICS

Gene technology is poised to revolutionise sci- ence, technology, the practice of medicine, and the global economy. Social and public policies must be kept up with the science and with public sentiments. Ethical implications of the develop- ments for the science and the future of medicine and public policy.
Courses: HH01, HH20, HH22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SS60
Contact hours: 3 per week Credit points: 12
Incompatible with: HUB777
Semester: 1
Campus: CA

► HH271 ETHICAL THEORY

Students will be exposed to some of the most common approaches to ethical theorising, including: utilitarianism, deontology, egoism, virtue theory. These theories will be introduced via both historical and contemporary proponents. Students will be made aware of how these broad categories are related to a range of standard theo- ries about political theorising, such as contract- ualism, consequentialism or the utilitarianism implicit in much welfare state theorising or economic theor- ising about justice. Furthermore, students will be familiarised with some of the standard positions...
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regarding the question of objectivity in ethics, versus moral or cultural relativism about ethical questions.

Courses: HH01, HH03, IF70, IF81, IF82, IF30, IF43

Contact hours: 3 per week  Credit points: 12  Semester: 1  Campus: CA

► HHB272 COMPOSING IDENTITIES: THE ARTISTRY OF LIVING

This unit encourages students to consider the transformative nature of human rights activism at the international and regional levels. It examines the international human rights system giving particular attention to the social, political, gender and cultural dimensions of the development of international and regional human rights norms. It critically reviews the effectiveness of the internationa

Courses: HH01, HH03, IF70, IF81, IF82, IF30, IF43, IF86

Contact hours: 3 per week  Credit points: 12  Semester: 1  Campus: CA

► HHB274 HUMAN RIGHTS: INTERNATIONAL AND REGIONAL ACTIVISM

This unit encourages students to consider the transformative nature of human rights activism within the Australian domestic context. It examines the relationship between the international human rights system and the domestic human rights regime. The unit gives particular attention to the social construction of rights and examines Australian human rights from political economy, gender, power, cultural and indigenous perspectives. It critically reviews the effectiveness of the domestic human rights system in the protection, promotion and realisation of civil, political, economic, social, cultural and development rights. Academic deliberations are located in a number of concrete human rights issues and situations.

Courses: HH01 Incompatible with: HHB003

Contact hours: 3 per week  Credit points: 12  Semester: 1  Campus: CA

► HHB275 HUMAN RIGHTS: AUSTRALIAN ACTIVISM

This unit encourages students to consider the transformative nature of human rights activism within the Australian domestic context. It examines the relationship between the international human rights system and the domestic human rights regime. The unit gives particular attention to the social construction of rights and examines Australian human rights from political economy, gender, power, cultural and indigenous perspectives. It critically reviews the effectiveness of the domestic human rights system in the protection, promotion and realisation of civil, political, economic, social, cultural and development rights.

Courses: HH01  Contact hours: 3 per week  Credit points: 12  Semester: 1  Campus: CA

► HHB300 CURRENT DEVELOPMENTS IN HUMAN SERVICES

This unit identifies major forces influencing the diverse and changing nature of the welfare state. It explores the impact of change in welfare state for the contemporary human service industry. The unit identifies major trends in human service organisation and delivery and examines the implications for human service practitioners, service providers, and consumers.

Courses: HH05, HS07

Contact hours: 2 week block  Credit points: 12  Incompatible with: HHB300

Campus: CA  Semester: 2

► HHB301 ADVANCED PROFESSIONAL PRACTICE

Only enrolled Bachelor of Social Science (Human Services) students may 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 and they are required to undertake strategic professional supervision. Students and their agency supervisor devise a learning plan, which assesses students' competence in six core competencies and a flexible assessment item. Students attend university workshops and complete university requirements including a job application and reflective assignment.

Courses: HS07

Prerequisites: HHB201, HSB218, HSB228, HS0211, HS0229

Credit points: 36  Incompatible with: HHB301

Campus: CA  Semester: 2

► HHB303 AGED SERVICES: ADVANCED

This unit builds on concepts and issues introduced in the Disability Services: Introduction. Issues around the health and wellness status of older Australians are explored and there is an emphasis on investigating and addressing the needs of this group as they grow older in the Australian environment. Specific issues to be discussed include: health issues, physical changes associated with ageing, nutrition, physical exercise, sexuality, substance abuse, dementia, caregiving and advocacy.

Courses: HH02, HS07, SS60

Prerequisites: HH0213

Contact hours: 3 weeks  Credit points: 12  Incompatible with: HS0232

Campus: CA  Semester: 1

► HHB304 CHILD AND FAMILY SERVICES: ADVANCED

Work with children, their parents, foster carers and adoptive parents; human services responses by women; parents and women’s participation in services; service characteristics consistent with user rights, empowerment and social justice; parents and families involuntarily receiving services; application of skills in ethical decision-making, policy development, interpersonal processes and group work.

Courses: HH02, HH03, SS60

Prerequisites: HH0215

Contact hours: 3 per week  Credit points: 12  Incompatible with: HHB324

Campus: CA  Semester: 2

► HHB305 CORRECTIVE SERVICES: ADVANCE

Designed to enhance students’ knowledge and understanding of contemporary issues currently facing corrective services based on analysing the students field education experiences. From this understanding students will be assisted in developing their critical thinking and problem solving skills, and undertake strategies to prepare for employment opportunities in corrective services.

Courses: HH02, HH07, HH03, SS60

Prerequisites: HH0215

Contact hours: 3 per week  Credit points: 12  Incompatible with: HHB325

Campus: CA  Semester: 1

► HHB306 DISABILITY SERVICES: ADVANCE

This unit builds on concepts and issues introduced in the Disability Services: Introduction unit and is designed for students who have a good understanding of the knowledge required to undertake policy and service development activities within the disability sector. It underlines the range of service models relevant to people with a disability across their lifespan. Additionally, it examines the quasi-legal and policy aspects affecting the disability service organisation along with some of the ethical dilemmas inherent in human service provision with particular relevance to people with a disability.

Courses: HH02, HH03, HS07, SS60

Prerequisites: HH0316

Contact hours: 2 week block  Credit points: 12 Incompatible with: HS0326

Campus: CA  Semester: 1

► HHB307 SERVICES TO YOUNG PEOPLE: ADVANCED

Many of the positions available in the human services industry and oriented to young people, require specific knowledge and understandings. This unit will involve an in-depth exploration of contemporary and emerging areas of direct and indirect practice with young people. Issues include early intervention and prevention, youth policy analysis and development, juvenile justice practice, youth and family work, youth health practice, public space practice, accommodation and housing practice, and the interface between human services practice and schools. The unit will also examine the legal and ethical dimensions of direct practice as an integral part of the unit.

Courses: HH02, HH03, HS07, SS60

Prerequisites: HHB227, HS0310

Contact hours: 3 per week  Credit points: 12 Incompatible with: HS0327

Campus: CA  Semester: 2

► HHB310 GLOBALISATION AND SOCIAL THEORY

Examines a range of social theory which has had and has the potential to influence sociological thought in the last decade or so. The unit will concentrate on the so-called ‘post-Marxist’ tradition (Althusser, Poulantzas, Bourdieu), on poststructuralism (Foucault), on German critical theory (Habermas), and on theories of the breakdown of modernity and the birth of the risk society (Giddens, Beck). This social theory will be introduced with an emphasis on its practical uses for the empirical sociologist.

Courses: HH01, SS07, SS60, HU20, HU22, IF30, IF36, IF43, IF70, IF81, IF82, IF86

Prerequisites: HUB133 or HBB234

Contact hours: 3 per week  Credit points: 12 Incompatible with: HUB139

Campus: CA  Semester: 2

► HHB312 GEOGRAPHICAL RESEARCH DESIGN

The unit develops skills in geographical field techniques and data analysis, and provides a foundation in advanced research design for geographical studies. Information capture and analysis focuses on local-region investigations, and the use of geographical software and databases including GIS. Resources from the Australian Bureau of Statistics, Bureau of meteorology and local government.

Courses: ED50, HH01, HU20, HU22, IF70, IF36, IF43, IF70, IG81, IF82, IF84, IF86, IF30, SS13, SS60

Contact hours: 3 per week  Credit points: 12 Incompatible with: HUB688

Campus: CA  Semester: 1

► HHB315 SEX AND DRUGS IN SOUTH-EAST ASIA

This unit focuses on the social, cultural, economic and political impacts of the drug trade and the sex trade in South-East Asia including both the historical dimensions of these phenomena as well as their contemporary aspects. The unit examines the progress of the trades, the nature of the markets and the political and economic dimensions of these activities, both legal and illegal.

Courses: HH01, HU22, IF30, IF43, IF70, IF81, IF82, IF86, HH08, HU36

Contact hours: 3 per week  Credit points: 12 Incompatible with: HUB633

Campus: CA  Semester: 1

► HHB320 INDEPENDENT PROJECT 1

Designed to develop research skills, and available within the BA degree, enabling students to engage in a small-scale research project.

Courses: HH01, HU20, HU22, SS60, HH03

Credit points: 12 Incompatible with: HUB954

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**HHB312 INDEPENDENT PROJECT 2**
Designed to develop research and writing skills, and to leverage the potential of a BA degree, enabling students to engage in a small-scale research project.
- Courses: HH01, HU20, HU22, HH33, SS60
- Credit points: 12 Incompatible with: HUB955

**HHB328 RESEARCH 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 current critical debates on method are key topics considered in this unit.
- Courses: HH01, HU20, HU22, HU21, NS40, NS41
- Contact hours: 3 per week
- Credit points: 12 Incompatible with: HUB785
- Campus: CA Semester: 2

**HHB330 INTERNSHIP PROGRAM**
Opportunity for students to be placed in an appropriate off-campus situation in work related to their studies. This unit may be taken over one semester or extended to cover two. Able to be taken either in semester 1, 2 or 3.
- Courses: HH03, HU20, HU22, SS60
- Credit points: 24 Incompatible with: HUB957
- Semester: 1

**HHB400 HUMAN SERVICES RESEARCH THERESIS 1-5**
This unit involves the design and initial development of a dissertation topic. This includes the literature review. HHB400 4-5 involve further research and completion of honours dissertation under the direction of a supervisor. Seminars provide a formal forum and opportunity for the discussion of research projects and problems associated with research and writing and enable staff and students to share the outcomes of their scholarly activities.
- Courses: HH22, HS14
- Contact hours: 12 per component
- Incompatible with: HSP413

**HHB402 RESEARCH COLOQUIUM**
Provides a forum for the discussion of problems associated with research and writing. Allows students to share with each other the outcomes of their scholarly activities. Invited researchers will provide insights into the research process.
- Courses: HH23, SS13
- Contact hours: 2 per week
- Credit points: 12 Incompatible with: HUB124

**HHB403 LITERATURE REVIEW**
A research paper on the Honours student’s chosen area of specialisation. An assessed critical paper on literature relevant to the Honours dissertation topic.
- Courses: HH21, HH23, HH21, SS13
- Prerequisites: HU20, HU22, SS60, SS07 or equivalent
- Credit points: 12
- Incompatible with: HUB901
- Semester: 1

**HHB404 HONOURS THESIS 1**
Supervised design and initial development of Honours dissertation leading to completion of a thesis outline, including synopses and projected chapters, and a statement of objectives, methods and sources.
- Courses: HH21, HH23
- Prerequisites: HH01, HU20, HU22, SS60, SS13 or equivalent
- Credit points: 12
- Incompatible with: HUB902
- Semester: 1

**HHB405 HONOURS THESIS 2**
Supervised research and writing of the Honours dissertation, normally between 12 000 and 15 000 words.
- Courses: HH21, HH23, HU21, SS13
- Prerequisites: HH01, HU20, HU22, SS60, SS07 or equivalent, HUB901, HUB902
- Credit points: 36
- Incompatible with: HUB903
- Semester: 2

**HHB406 HONOURS THESIS 3**
Courses: HH22
- Credit points: 12
- Incompatible with: HUB904
- Semester: 2

**HHB407 HONOURS SEMINAR**
Courses: HH21, HH22, HH23
- Credit points: 12

The contemporary environment in which the human services sector exists is creating sets of tensions that shape the development and management of services and programs. Changes that have the potential to radically alter human service delivery and professional practice. The unit is designed to explore and develop the conceptualisations of the issues, and their implications for the specific domains of service delivery of the individual research projects or/areas of interest of participants.
- Courses: HH22, HS13, HS14, HS15
- Contact hours: 3 per week
- Credit points: 12
- Incompatible with: HSP411
- Campus: CA Semester: 1

**HHB408 LEADERSHIP IN THE HUMAN SERVICES**
Explores conceptions of and skills in leadership to enable participants to provide effective leadership in human service contexts. It includes an increasing awareness that leadership is of central importance in the development and management of governments and community organisations, and in enabling 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 whose roles of responsibility but all involved in the development and delivery of services.
- Courses: HH31, HH32, HS15, HS16
- Contact hours: 3 per week
- Credit points: 12
- Incompatible with: HSP412
- Campus: CA Semester: 2

**HHB411 MANAGING HUMAN SERVICE ORGANISATIONS**
This unit will create an awareness of the issues and challenges faced by the human service manager and improve knowledge of the functions and techniques of management. As well as developing an understanding of the application of these management techniques to human services, it will recognise the influence between the quality of management and the quality of service provided to service users. It will build competency in becoming effective human service managers.
- Courses: HH31, HH32, HS15, HS16
- Contact hours: 3 per week
- Credit points: 12
- Incompatible with: HSP421
- Campus: CA Semester: 2

**HHB414 MANAGED CARE AND 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. This unit examines the genesis of case management resides within human service bodies or practice knowledge, it is being applied across a range of service delivery systems. While the processes involved in case management are taught in human service education programs, there is little opportunity for employees and managers to comprehend the case management as a discreet mode of intervention.
- Courses: HH31, HH32
- Contact hours: 3 per week
- Credit points: 12
- Campus: CB

**HHB415 CONTRACTING AND POLICY IN THE HUMAN SERVICES**
Service delivery systems in the community services industry are in the process of being restructured. The primary dynamic carrying the process is the concept of and accountability between purchasers (government) and providers (non-state agencies). Contracts are an important part of these changes. To date, there is little experience in developing the management of a contract regime or its implications for service delivery outcomes. This unit is designed to convey key responsibility for managing contracts from both the purchaser and provider side of the equation.
- Courses: HH31, HH32, HS15, HS16
- Contact hours: 3 per week
- Credit points: 12
- Incompatible with: HSP423
- Campus: CA Semester: 2
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HHR020 HUMAN SERVICES PRACTICE RELATED RESEARCH 1-2
Semester: 1, 2
Prerequisites: HHS2, HSS16
Credit points: 24 (12 each)
Incompatible with: HSP020

HHR510 SOCIAL SCIENCE METHODS FOR KNOWLEDGE SOCIETY
Semester: 1
This unit provides an in-depth treatment of a number of key methodologies in the social sciences, humanities and human services. The unit builds on core methodological knowledge and aims to supply the student with the tools to embark on professional practice projects. The unit builds on Part 1 in HHR510, The Logic of Social Inquiry, enabling students to choose and methodology in greater detail.

Courses: HHR510
Credit points: 12

HHR520 CONFERENCE PRESENTATION 1: NETWORKING AND PRESENTATION
Semester: 2
This unit will develop students’ skills in summarising, reporting and communicating doctoral-level research. The unit accompanies the development and completion of the first professional practice project, and is designed in order that students can learn how to disseminate the results of that project. The unit also focuses on a variety of other issues in the communication and dissemination of professional practice, including mentoring and networking, and leadership roles in the professions.

Courses: HHR520
Credit points: 12

HHR520 CONFERENCE PRESENTATION 2: PROFESSIONAL NETWORKS
Semester: 2
This unit develops the skills learned in HHR510; however, while that unit focused on core forums for the presentation of research and the development of research networks, this unit concentrates on the translation of doctoral-level research for work-based settings. This unit will develop students’ skills in summarising, reporting and communicating doctoral level research.

Courses: HHR520
Credit points: 12

HHR551-1 PROFESSIONAL PRACTICE PRESENTATION 1/4
This professional practice project allows students to work with supervisors on the first professional project for the Doctor of Social Science. The project will be designed to fit the scale, scope and focus of 48 credit points.

Courses: HHR551-1
Credit points: 48

HHR551-2 PROFESSIONAL PRACTICE PROJECT 1/4
The professional practice project allows students to work with supervisors on the first professional project for the Doctor of Social Science. The project deals with project planning, project implementation and project evaluation. The project will be designed to fit the scale, scope and focus of 48 credit points.

Courses: HHR551-2
Credit points: 48

HHR561-3 PROFESSIONAL PRACTICE PROJECT 2/4
The professional practice project 2 provides for students to work with supervisors on the second professional project for the Doctor of Social Science. The project deals with project planning, project implementation and project evaluation. The project will be designed to fit the scale, scope and focus of 48 credit points.

Courses: HHR561-3
Credit points: 48

HHR561-4 PROFESSIONAL PRACTICE PROJECT 2/4
The professional practice project 2 provides for students to work with supervisors on the second professional project for the Doctor of Social Science. The project deals with project planning, project implementation and project evaluation. The project will be designed to fit the scale, scope and focus of 48 credit points.

Courses: HHR561-4
Credit points: 48

HHR571-1 PROFESSIONAL PRACTICE PROJECT 3/4
This project provides for students to work with supervisors on the third professional project for the Doctor of Social Science. The project will deal with project planning, project implementation and project evaluation. The project will be designed to fit the scale, scope and focus of 96 credit points.

Courses: HHR571-1
Credit points: 96

HHR571-2 PROFESSIONAL PRACTICE PROJECT 3/4
This project provides for students to work with supervisors on the third professional project for the Doctor of Social Science. The project will deal with project planning, project implementation and project evaluation. The project will be designed to fit the scale, scope and focus of 96 credit points.

Courses: HHR571-2
Credit points: 96

HHR571-3 PROFESSIONAL PRACTICE PROJECT 3/4
This project provides for students to work with supervisors on the third professional project for the Doctor of Social Science. The project will deal with project planning, project implementation and project evaluation. The project will be designed to fit the scale, scope and focus of 96 credit points.

Courses: HHR571-3
Credit points: 96

HHR571-4 PROFESSIONAL PRACTICE PROJECT 3/4
This project provides for students to work with supervisors on the third professional project for the Doctor of Social Science. The project will deal with project planning, project implementation and project evaluation. The project will be designed to fit the scale, scope and focus of 96 credit points.

Courses: HHR571-4
Credit points: 96

HHR571-5 PROFESSIONAL PRACTICE PROJECT 3/4
This project provides for students to work with supervisors on the third professional project for the Doctor of Social Science. The project will deal with project planning, project implementation and project evaluation. The project will be designed to fit the scale, scope and focus of 96 credit points.

Courses: HHR571-5
Credit points: 96

HHR571-6 PROFESSIONAL PRACTICE PROJECT 3/4
This project provides for students to work with supervisors on the third professional project for the Doctor of Social Science. The project will deal with project planning, project implementation and project evaluation. The project will be designed to fit the scale, scope and focus of 96 credit points.

Courses: HHR571-6
Credit points: 96

HHR571-7 PROFESSIONAL PRACTICE PROJECT 3/4
This project provides for students to work with supervisors on the third professional project for the Doctor of Social Science. The project will deal with project planning, project implementation and project evaluation. The project will be designed to fit the scale, scope and focus of 96 credit points.

Courses: HHR571-7
Credit points: 96

HHR571-8 PROFESSIONAL PRACTICE PROJECT 3/4
This project provides for students to work with supervisors on the third professional project for the Doctor of Social Science. The project will deal with project planning, project implementation and project evaluation. The project will be designed to fit the scale, scope and focus of 96 credit points.

Courses: HHR571-8
Credit points: 96

HHR571-9 PROFESSIONAL PRACTICE PROJECT 3/4
This project provides for students to work with supervisors on the third professional project for the Doctor of Social Science. The project will deal with project planning, project implementation and project evaluation. The project will be designed to fit the scale, scope and focus of 96 credit points.

Courses: HHR571-9
Credit points: 96

HHR571-10 PROFESSIONAL PRACTICE PROJECT 3/4
This project provides for students to work with supervisors on the third professional project for the Doctor of Social Science. The project will deal with project planning, project implementation and project evaluation. The project will be designed to fit the scale, scope and focus of 96 credit points.

Courses: HHR571-10
Credit points: 96

HH50 HUMAN SERVICES PRACTICE PROJECT 3/8
This project provides for students to work with supervisors on the third professional project for the Doctor of Social Science. The project will deal with project planning, project implementation and project evaluation. The project will be designed to fit the scale, scope and focus of 96 credit points.

Courses: HH50
Credit points: 96

HL495 PROFESSIONAL PRACTICE PROJECT 3/8
This project provides for students to work with supervisors on the third professional project for the Doctor of Social Science. The project will deal with project planning, project implementation and project evaluation. The project will be designed to fit the scale, scope and focus of 96 credit points.

Courses: HL495
Credit points: 96

HL495-1 PROFESSIONAL PRACTICE PROJECT 3/8
This project provides for students to work with supervisors on the third professional project for the Doctor of Social Science. The project will deal with project planning, project implementation and project evaluation. The project will be designed to fit the scale, scope and focus of 96 credit points.

Courses: HL495-1
Credit points: 96
UNIT SYNOPSES

The dominance paradigm in Health Science research. The predominance of the natural sciences in nursing may be seen in many ways. This unit is designed to introduce 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: HLN700, PU50, PU52, PU55, NS85, NG, PU60, PU65
Contact hours: 3 per week Credit points: 12
Campus: KG, EXT Semester: 1, 2

► HLN700 INDEPENDENT STUDY

This unit allows students to study a topic which is not otherwise available as a formal unit. Students pursue their studies relatively independently and to develop and practice skills in problem identification, evaluation and/or critical thinking. The unit may be for example a critical literature review, an examination of guidelines or an extensive analysis of research methods and outcomes are negotiated in a contract with a supervisor.

Courses: HLN700, PU85 Credit points: 48
Campus: KG, EXT Semester: 1, 2, 3

► HLN700 PROJECT A

An important aspect of postgraduate development is the opportunity to engage in research or project work in their specialist field of study in industry or as a component of consultancy work. Working in industry or a health-related agency, locally or internationally, can provide students with valuable work experience and develop skills and expertise that advances their profession or the particular industry involved. The research option enables students to work independently under the guidance of a supervisor. The research may be a report that makes a contribution to knowledge or a study in which the student critically analyses existing knowledge and produces observations and conclusions of value to the field concerned.

Courses: HLN700, PU85 Credit points: 24
Campus: KG, EXT Semester: 1, 2, 3

► HLN700 PROJECT B

An important aspect of postgraduate development is the opportunity to engage in research or project work in their specialist field of study in industry or as a component of consultancy work. Working in industry or a health-related agency, locally or internationally, can provide students with valuable work experience and develop skills and expertise that advances their profession or the particular industry involved. The research option enables students to work independently under the guidance of a supervisor. The research may be a report that makes a contribution to knowledge or a study in which the student critically analyses existing knowledge and produces observations and conclusions of value to the field concerned.

Courses: HLN700, PU85 Credit points: 24
Campus: KG, EXT Semester: 1, 2, 3

► HLN705 INTRODUCTION TO QUANTITATIVE RESEARCH METHODS

The content of this unit emphasises the practical aspects of quantitative research methods design, with the aim of exposing students to important concepts in the design of research studies, and in the assessment of the research of others. There is strong emphasis on applying concepts through critical reading of the literature and the development of a comprehensive research proposal as the main practical exercise.

Courses: HLN705, PU85 Credit points: 12
Campus: KG, EXT Semester: 1

► HLN706 ADVANCED QUANTITATIVE RESEARCH METHODS

The content of this unit builds on the basic statistics background assumed of students. A unifying theme is the concept of sources of variation in collected data - how proper design of study and measurement instruments minimises some sources of variation (error), how analytical techniques account for other sources, and finally the issue of produced error that cannot be accounted for, but must be addressed in discussion of results. Analytical strategies for modelling health data are compared, and practical experience focuses on the analysis and interpretation of various data sets.

Courses: HLN706, PU85 Credit points: 12
Campus: KG, EXT Semester: 1

► HLM708 PROJECT

This 48 credit point project extends the range of applied investigative options for the Master of Health Science students to undertake. The project is designed to be a workplace-based unit that enables students to undertake a concentrated applied project in a specific area of interest in the workplace. The project is conducted over two semesters. The project provides opportunities for students to develop and extend research skills, and to critically analyse and appraise existing knowledge and produce observations and conclusions of value to the field concerned.

Courses: HLM708, PU85 Credit points: 48
Campus: KG, EXT Semester: 1, 2, 3

► HMB171 FITNESS HEALTH AND WELLNESS

The dimensions and interrelationships of health, physical activity and wellness are studied; basic principles of conditioning and exercise prescription necessary to demonstrate the impact of physical activity on lifestyle diseases and behaviours and wellness are examined; principles and theory of behaviour change are examined.

Courses: HMB171, HMB172 Credit points: 12
Campus: KG Semester: 1, 2, 3

► HMB172 NUTRITION AND PHYSICAL ACTIVITY

An introduction to principles of nutrition in relation to the physical activity setting, the role of nutrition and physical activity in weight management. This unit also covers the essential elements of child growth and development (aetiology) in relation to nutrition and health. The unit is designed to underpin studies in exercise physiology and sports nutrition.

Courses: HMB172, HMB173 Credit points: 12
Campus: KG Semester: 1

► HMB271 FOUNDATIONS OF MOTOR CONTROL, LEARNING AND DEVELOPMENT

Introduces students to the behavioural and neural bases of movement control through an examination of the central nervous and neuromuscular systems, hierarchical control, human information processing and dynamical systems. Covers elements of the motor sensory-motor activity related to movement. Foundations of motor learning and adaptation will be introduced, linking underlying models of learning with principles that may be applied in teaching, coaching and rehabilitation.

Courses: HMB271, HMB272 Credit points: 12
Campus: KG Semester: 1

► HMB272 BIOMECHANICS

The application of mechanics as they apply to Human Movement including: kinematics and dynamics of human body models; quantitative analysis; impact; work and power; fluid dynamics; material properties.

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This unit describes the immediate physiological responses to exercise and the adaptations that occur with long-term exercise training. Exercise places a demand on the human body to provide sufficient energy to perform. This demand by the sympathetic, hormonal, cardiovascular and pulmonary systems must adapt to meet this challenge of homeostasis. The active skeletal muscle must increase extraction and utilisation of oxygen and other fuels, the cardiovascular system must respond to improved gas and fuel transport, and lung function must increase to facilitate increased respiratory gas exchange.

Courses: ED90, HL40, HL42, HL43, HM42, IF46, IF62, IX04
Prerequisites: LS8231 or equivalent
Contact hours: 4 per week Credit points: 12
Campus: KG Semester: 2  
► HMB275 EXERCISE AND SPORT PSYCHOLOGY
Introduction to the psychological factors which influence performance, participation and adherence to both sport and exercise programs; personality and the athlete; attention and arousal; relaxation theory and practice; aggression and psychosocial development, leadership and team cohesion.

Courses: ED90, ED51, HL40, HL42, HL43, HM42, HM45, IF62, IX04
Prerequisites: PYB012 or equivalent
Contact hours: 4 per week Credit points: 12
Campus: KG Semester: 2  
► HMB276 RESEARCH IN HUMAN MOVEMENT
Principles of research: purposes, philosophy, applications. Quantitative research: basic statistics; descriptive; ANOVA, correlation, regression; non-parametric analysis; basic theory and function; analyses of movement tasks including walking and running; cinematography and electronic analysis in functional anatomy of movement tasks.

Courses: ED90, ED51, HL40, HL42, HL43, HM42, HM45, IF62, IX04
Prerequisites: PYB012 or equivalent
Contact hours: 3 per week Credit points: 12
Campus: KG Semester: 2  
► HMB277 EXERCISE AND SPORT NUTRITION
Considers the relationship between nutrition and exercise, muscle contraction and recovery. Areas covered include dietary and energy requirements in exercise and sport and substrate utilisation at the cellular level during exercise. The influence that nutrition has on performance via changes in body composition, fuel utilisation, blood biochemistry and ergogenic aids will also be covered. Nutritional supplements and water and electrolyte balance in exercise and sport is also part of this unit.

Courses: HL42, HM42, IF62, IX04, PU43
Prerequisites: HMB172
Contact hours: 3 per week Credit points: 12
Campus: KG Semester: 1  
► HMB305 PERSONAL HEALTH
Lifestyle is largely determined by an individual functioning in a socio-environmental context that places some limitations on choice and resultant health. This unit is designed to assist individuals to develop a positive self-concept, a sound knowledge of lifestyle issues and their implications and decision-making skills necessary to make wise choices. The focus of this unit is the development of such skills for personal maintenance and improvement. Movements in this direction will be achieved by analysing the processes involved in such individuals capable of taking control of their lifestyles and resultant health. Much of this analysis will be self-focused.

Courses: ED90, ED51
Contact hours: 3 per week Credit points: 12
Campus: KG Semester: 1  
► HMB307 HEALTH AND PHYSICAL EDUCATION CURRICULUM (PRIMARIES)
The unit provides teachers for the years 1-10 Health and Physical Key Learning Area, with appropriate strategies, motivational and educational skills required for promoting health-enhancing behaviours during these ages and experience is provided on some of the skills needed to assess and maintain the health status of children and adolescents.

Courses: ED90, ED51, ED52, IX04
Contact hours: 3 per week Credit points: 12
Campus: KG Semester: 2  
► HMB333 ORGANISATION AND MANAGEMENT IN PHYSICAL EDUCATION
Primarily for Primary school physical educators. School physical education departments and sport associations are medium-sized organisations requiring a diverse direction for a wide organisational base. Students examine the role of administrators and the administration of monies, facilities and human resources in a school physical education department.

Courses: ED90, IX04
Prerequisites: HMB314, HMB315
Contact hours: 3 per week Credit points: 12
Campus: KG Semester: 1  
► HMB341 SPOR TING AND OUTDOOR EDUCATION ADMINISTRATION
The primary school physical education 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 the characteristics of a variety of sporting tournaments, carnivals and outdoor education.

Courses: ED51
Prerequisites: HMB307, HMB315
Contact hours: 5 per week Credit points: 12
Campus: KG Semester: 2  
► HMB342 THE DEVELOPMENT OF TEACHING SKILLS IN PRIMARY PHYSICAL EDUCATION
Designed around micro-teaching and involving students, teachers, children and their working environment in schools, this unit promotes excellence in teaching, preparation and planning with a focus on teaching in partnership and research. Physical education teacher education students develop a greater understanding of their prospective work environment.

Courses: ED90, ED51, IX04
Prerequisites: HMB310, HMB370
Contact hours: 4 per week Credit points: 12
Campus: KG Semester: 2  
► HMB361 FUNCTIONAL ANATOMY 2
A project-based unit designed to enable students with a background in Functional Anatomy to select one or a combination of the following areas: electromyography, orthopaedic biomechanics, kinesiology of sport and work, comparative functional anatomy, locomotion and posture and research techniques in functional anatomy.

Courses: HM42, IX04 Prerequisites: HMB274
Contact hours: 4 per week Credit points: 12
Campus: KG Semester: 2  
► HMB362 BIOMECHANICS 2
Measurement techniques within biomechanics; analysis of force systems; photogrammetry and strain gage; kinematic and electrogoniometric analysis of movement; an introduction to viscoelasticity and biological and material properties; mass and inertial characteristics of the human body; applied aspects of biomechanics undertaken from a research project perspective.
UNIT SYNOPTES

Courses: HM42, ME46, IF62, IX04
Prerequisites: HMB272, HMB274
Contact hours: 4 per week Credit points: 12
Semester: 1
Campus: KG
► HMB363 INDEPENDENT STUDY
To meet the specific interest of students beyond current or existing units, students may choose to undertake an advanced level and autonomously under the supervision of a lecturer. Contact hours: 4 per week Credit points: 12
Semester: 1, 2
Campus: KG
► HMB364 SEMINARS IN HUMAN MOVEMENT
Offered to capitalise on the expertise of resident or visiting staff, special needs and interests of staff and students. An interest group will study the area chosen cooperatively.
Courses: ED90, ED51, HM42, IF62, IX04
Prerequisites: HMB310
Contact hours: 5 per week Credit points: 12
Semester: 1
Campus: KG
► HMB371 MOTOR CONTROL AND LEARNING 2
This is an advanced unit which provides an indepth view of theories and concepts in motor learning and control - how we control actions in both everyday and skilled behaviours, and how this capacity is acquired. This course provides a multidisciplinary perspective, drawing on research from psychology, neuroscience, biomechanics, robotics, neural networks and medicine. The unit is organized around the theme of sensorimotor integration as related to posture and balance and arm movements such as reaching, grasping and pointing.
Courses: ED90, HM42, IF62
Prerequisites: HMB271
Contact hours: 4 per week Credit points: 12
Semester: 2
Campus: KG
► HMB374 PSYCHOLOGY OF REHABILITATION
Focuses on psychological aspects related to injury and behavioural change; the psychological process of rehabilitation; teaching specific psychological rehabilitation and coping strategies; the group process; the rehabilitation psychologist role in the rehabilitation team; disabled athletes.
Courses: ED90, HM42, IF62, IX04
Prerequisites: HMB275, HMB372
Contact hours: 4 per week Credit points: 12
Semester: 1
Campus: 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 wellbeing; participate in, and design programs for disabled athletes.
Courses: ED90, ED51, ED52, HM42, IF62, IX04
Prerequisites: HMB271
Contact hours: 4 per week Credit points: 12
Semester: 2
Campus: KG
► HMB376 MOTOR DEVELOPMENT IN CHILDREN
Theoretical perspective of normal and abnormal motor development, incorporating maturation, descriptive and behavioural aspects; underlying sensory, perceptual, neurological and cognitive changes and the development of motor skills and movement in children. A theoretical understanding of developmental differences and development delay in children with intellectual, sensory or physical disability. Experience will be obtained in developmental and adapted physical activity programs.
Courses: ED90, ED51, ED52, HM42, IF62, IX04
Prerequisites: HMB271
Contact hours: 4 per week Credit points: 12
Semester: 1
Campus: 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 factors 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 programs.
Courses: ED90, HM42, IF62, IX04
Contact hours: 3 per week Credit points: 12
Semester: 1
Campus: KG
► HMB379 DISORDERS OF HUMAN MOVEMENT
This unit introduces a selection of disorders and disease states related to movement and physical activity. Each is described in terms of relevant epidemiology and pathophysiology, with an emphasising the relationship between each disorder and movement activity, together with factors affecting this relationship. The unit provides students with a basic knowledge of a selection of movement-related disorders, as a foundation for subsequent applications, whether in research, working with special populations, in rehabilitation, or in other clinical settings. The unit also enhances the ability of students to independently study disorders not covered in the unit.
Courses: ED90, ED51, HL40, HL42, HL43, HM42, HM45, IF62, IX04
Prerequisites: HMB271, HMB272, HMB273, HMB274
Contact hours: 4 per week Credit points: 12
Semester: 1
Campus: KG
► HMB381 EXERCISE PHYSIOLOGY 2
This unit examines the integrated regulation of the organ system examined in Exercise Physiology 1. Within this integrated perspective current research areas will be highlighted, including but not limited to inflammatory and environmental stress, (2) special aids to exercise training and performance, and (3) limitations to exercise in specific populations. The unit also provides an understanding of the physiological adaptations that occur as a result of physical activity.
Courses: ED90, HM42, IF62
Prerequisites: HMB273
Contact hours: 3-4 per week Credit points: 12
Semester: 2
Campus: 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. This is an integrated exercise assessment and exercise prescription is a major component of the unit, introducing the student to these requirements in the context of pre exercise testing, resistance training, weight loss and flexibility. There is a strong emphasis on putting theory into practice, including the development and utilisation of appropriate fitness programs both in fitness assessment and exercise prescription.
Courses: HM42, IF62, IX04, HL40, HL42, HL43, HMB281, HMB375
Prerequisites: HMB273
Contact hours: 4 per week Credit points: 12
Semester: 1
Campus: KG
► HMB383 WORKPLACE HEALTH
The historical and current position of workplace health as one emerging focus of occupational health and safety. Issues, laws, programs and union, employer and employee perspectives are analysed in conjunction with the role of workplace health professionals. The planning, implementation, promotion, administration and evaluation of programs from a workplace and safety perspective is undertaken. The focus is on workplace health interventions.
Courses: ED90, HM42, IF62, IX04
Prerequisites: HMB3171 or HM3332
Contact hours: 4 per week Credit points: 12
Semester: 2
Campus: 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 examination.
Courses: ED90, HM42, IF62, IX04
Prerequisites: HMB379
Contact hours: 3 per week Credit points: 12
Semester: 2
Campus: KG
► HMB390 HEALTH EDUCATION CURRICULUM STUDIES 1
This unit focuses on the nature of health education related to applied curriculum areas. The unit covers relevant syllabus and curriculum documents (predominantly from Queensland) are provided and topics include a broad range of health education programs that facilitate good teaching practices in health education. This input is closely linked to teaching practice experiences in the overall curriculum.
Courses: ED90, ED54, IX04
Prerequisites: EDB323 and at least 48 credit points in the relevant discipline area
Contact hours: 3 per week Credit points: 12
Semester: 2
Campus: KG
► HMB395 HEALTH EDUCATION CURRICULUM STUDIES 2
The focus of this unit is on applying key concepts to the development of health education programs that facilitate good teaching practices in health education. This input is closely linked to teaching practice experiences in the overall curriculum.
Courses: ED90, ED54, IX04
Prerequisites: HMB390
Contact hours: 3 per week Credit points: 12
Semester: 2
Campus: KG
► HMB441 SOCIOLOGY OF SPORT
A sociology of sport; historical and contemporary perspectives; sport in Australia; Australia’s sport industry: sports and media; ownership and governance; corruption, sport and media; sport in society.
Courses: ED26
Contact hours: 3 per week Credit points: 12
Semester: 2
Campus: KG
► HMB470 PRACTICUM 1
The first of the Human Movement dedicated Practicum units, students undertake in depth experience at two different workplaces (40 hours each) while maintaining ongoing involvement in the School’s clinics (20 hours). The student is provided with an extended opportunity to apply classroom learned knowledge and skills under the supervision of Human Movement Practitioners. Workplace involvement is preceded by a vocational skill seminar and workshop program while an interactive analysis program is instigated post practicum.
Courses: HL40, HL42, HL43, HM42
Prerequisites: Successful completion of Years 1 and 2 of the HM42 academic program, or successful completion of Years 1 and 2 HM42 practicum requirements, or by agreement with the Practicum Coordinator.
Credit points: 12
Semester: 1, 2
Campus: KG
Semester: 1, 2

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UNIT SYNOPSIS

**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 other findings, research methodology and analysis procedures. Groups present their research plan in a seminar at the end of Semester 1.

Courses: HL42, HL43, HM42, HM45
Credit points: 12
Campus: KG
Semester: 1, 2

**HMB471 PROJECT 2**

The project proposal developed in HMB471 is implemented followed by the analysis of results and publication of a report. Groups present their findings in a seminar at the end of Semester 2.

Courses: HL42, HL43, HM42, HM45
Prerequisites: HMB471
Credit points: 12
Campus: KG
Semester: 1, 2

**HMB475 PRACTICUM 2**

A comprehensive vocational experience undertaken as a supervised full-time internship. Students are supervised in the performance of operational tasks including clinical, management and administrative support which are designed to further develop independent professional skills and knowledge. The internship is assessed by use of a comprehensive reflective analysis of the experience.

Courses: HL42, HM45
Prerequisites: Satisfactory completion of years 1-3 practicum requirements and seven semesters of coursework including HMB470
Credit points: 36
Campus: KG
Semester: 1, 2

**HMB480 ADVANCED EXERCISE PRESCRIPTION**

A companion unit to HMB382, and extends the understanding of how fitness assessment and exercise prescription can be applied to an individual. A number of different disease states, scenario based exercises, methodologies, research based rationale and contextual scenarios are used to examine the potential role of physical activity and appropriately prescribed exercise to maintain and improve functional capacity. A strong emphasis is placed on identifying the problems faced in fitness assessment and exercise prescription for special cases and conditions, and finding appropriate solutions.

Courses: HM42, HL38, HL68, HL88, IF62
Prerequisites: HMB382
Contact hours: 4 per week
Credit points: 12
Campus: KG
Semester: 2

**HMB615 EXERCISE PHYSIOLOGY**

Bioenergetics; exercise metabolism; hormonal response to exercise; muscle structure and function; muscular adaptations; respiratory acid-base balance during exercise; temperature regulation, training and conditioning; body composition and fat distribution; fitness testing and assessment procedures.

Courses: ME46
Contact hours: 3 per week
Credit points: 8
Campus: KG
Semester: 1

**HMB617 WORKPLACE HEALTH**

History of workplace health; legal aspects; role of associated professionals; trends in mortality and morbidity; workplace health promotion agencies and programs; planning, development, promotion, implementation and evaluation processes.

Courses: ME46
Contact hours: 3 per week
Credit points: 8
Campus: KG
Semester: 2

**HMP201 DEVELOPING TEACHING AND LEARNING INITIATIVES FOR THE HEALTH AND PHYSICAL EDUCATION KEY LEARNING AREA**

Critically analyse outcomes based education and the relationship of the Years 1-10 HPE syllabus to the context of broader agendas of 1-10 school education in Australia, apply key concepts of the Years 1-10 HPE syllabus to whole of school curriculum development, planning and implementation; (re)design programs for successful student achievement and evaluation of the achievement of the outcomes of the Years 1-10 HPE syllabus; and identify relationships between the Years 1-10 HPE syllabus, Senior PE and HPE syllabuses.

Courses: ED13, HL88
Credit points: 12
Campus: KG
Semester: 1

**HMN202 DEVELOPING AND ASSESSING HIGHER ORDER THINKING SKILLS IN SCHOOL PHYSICAL EDUCATION**

Examine contemporary theories of teaching and learning and 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; critically appraise alternative approaches to teaching and learning for the development and assessment of higher order thinking skills in school PE.

Courses: ED13, HL88
Credit points: 12
Campus: KG
Semester: 1

**HMN203 APPLICATION OF THE SCIENCES TO TEACHING AND LEARNING IN PHYSICAL EDUCATION AND SPORT**

Identify the key knowledge from the biophysical and socio-scientifics sciences that pertain to the improvement of performance in physical activities and sports; analyse the relationship between the sciences and performance in selected physical activities and sports; design teaching and learning or coaching programs that promote understanding of the relationship between the sciences and performance in physical activity and sport; and use selected software and technology to enhance the teaching and learning or coaching programs that promote understanding of the relationship between the sciences and performance in physical activity and sport.

Courses: ED13, HL88
Credit points: 12
Campus: KG
Semester: 2

**HMN205 HEALTH EDUCATION CURRICULUM ACROSS THE SCHOOL YEAR**

Understand how current issues and emerging trends can shape the principles and practices of health education in schools; develop higher order learning of the principles of curriculum design and 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

**HMP385 SPORT PRACTICUM (RUGBY)**

Students will undertake a practicum placement in a rugby affiliated with a school; the placement will be ascribed as a supplementary unit, as well as the practicum site will be determined by agreement between the student, the academic supervisor, and the practicum site supervisor. Placements will be chosen so as to extend and broaden the professional experience students may already have had in sport, thus placements may be in a sport or activity other than the student’s principal area. Students will communicate regularly with supervisors, maintain a diary and prepare a report on the activities undertaken during the placement.

Courses: HM34
Credit points: 12
Campus: EXT
Semester: 1

**HMP389 ASSESSMENT IN SPORT (RUGBY)**

This unit will acquaint students with contemporary methods used in sports assessment, focusing on physiological and biomechanical testing. Students will acquire practical skills in assessment methods. In addition, lectures will provide an overview of the theoretical basis of different tests, as well as knowledge concerning the rationale for each assessment, its application and interpretation. Consideration will be given to issues such as the suitability of assessment methods for various sports and populations, and the use made of test data for decision-making.

Courses: HM34
Credit points: 12
Campus: EXT
Semester: 2

**HMP390 RUGBY COACHING - PRINCIPLES AND SKILLS**

Students will examine the role of the rugby coach and will critically examine all the elements of effective coaching. The unit will consist of four modules which will cover the history and culture of rugby; training and match applications; technical and tactical aspects based on player performance, maturation and experience; and analysis and application of various coaching styles and methodologies. Students will focus on a number of pertinent questions and activities designed to help students to clarify concepts and points raised in the readings, and to stimulate critical reflection on related questions.

Courses: HM34
Credit points: 12
Campus: EXT
Semester: 1

**IBB101 BUSINESS IN AUSTRALIA**

This unit will introduce international students and students new to Australia to the business environment of Australia. Students will examine historical, socio-cultural, geographical, economic, political and other factors and contemporaneous issues that impinge upon doing business in Australia. Learning activities include computer simulations, field studies and industry analysis. Geographic skills addressed through teamwork, report writing and presentation skills.

Courses: BS56, IF56, IF66, IF62, IF72
Contact hours: 3 per week
Credit points: 12
Incompatible with: MIB101
Campus: GP
Semester: 1, 2, 3

**IBB202 BUSINESS AND THE WORLD ECONOMY**

In this unit students analyse the way international operations and performance of business can be put at risk by changing financial and regulatory conditions across borders and determine what is best to manage the exposure to this risk. This unit examines the evolution of the international financial system, the foreign exchange market, the types of foreign exchange rate exposures, manag-
UNIT SYNOPSIS

**IBB205 CROSS-CULTURAL COMMUNICATION AND NEGOTIATION**

This unit analyses the complexities of the interaction between modern organisations and the cultural differences that arise from them. It explores the interdependence among cultures, management philosophies, corporate strategies and business negotiations. It is designed to develop students' ability to negotiate in a global environment.

- **Courses:** BSB56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF56, IF60, IF61, IF62, IF72
- **Prerequisites:** BSB113, BSB119
- **Contact hours:** 3 per week
- **Credit points:** 12
- **Incompatible with:** MIB202
- **Campus:** GP
- **Semester:** 1, 2

**IBB213 INTERNATIONAL MARKETING**

This unit is designed to provide students with a thorough understanding of the multiplicity of issues which impact on the development of international marketing strategies and plans. The unit is highly applied and provides students with an opportunity to analyse global international marketing firms, marketing strategies and various international marketing issues in a variety of geographic and industry contexts; to evaluate methodologies and new practices for handling problems and issues typical of global and international markets and to develop an operationally sound international marketing plan.

- **Courses:** BSB56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF56, IF60, IF61, IF62, IF72
- **Prerequisites:** BSB119, BSB122 or 48 credit points of approved prior study for non-Bachelor of Business students only
- **Contact hours:** 3 per week
- **Credit points:** 12
- **Incompatible with:** MIB213
- **Campus:** GP
- **Semester:** 1, 2

**IBB217 ASIAN BUSINESS DEVELOPMENT**

This unit gives students an understanding of the historical, political, social, economic and cultural development in East in South East Asia. Material presented will include the traditional economic and social institutions in Asia and their changing impact on business since East Asia’s integration into the international economy. Topics studied will include: economic systems and firm structures; the impact of western business and economic influences; local ideology and development policies; the rapid growth of Northeast and Southeast Asia, the ageing workforce and social change. Students are required to participate in activities both before and after the trip and to develop and present research projects relevant to their own program of study.

- **Courses:** BSB56, IF05, IF09, IF56, IF60, IF62, IF72
- **Prerequisites:** BSB119
- **Contact hours:** 3 per week
- **Credit points:** 12
- **Incompatible with:** MIB220
- **Campus:** GP
- **Semester:** 1

**IBB223 BUSINESS STUDY TOUR TO INDIA**

The unit is designed to build strong links between students’ learning and practical application of students’ business studies through them undertaking a practical investigation of the issues pertaining to doing business in India. Students stay at the Management Development Institute (MDI) Delhi, receive lectures from MDI staff on issues of culture and business practices in India, experience the local culture, and undertake a range of industry visits as well as receiving presentations by Indian and foreign executives. Students are required to participate in activities both before and after the trip to develop and present research projects relevant to their own program of study.

- **Courses:** BSB56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF56, IF60, IF61, IF62, IF72
- **Prerequisites:** BSB119 or Completion of 48 credit points of approved study
- **Contact hours:** 5 Designed seminars (3 hours each) and 10 days full-time participation in lectures and industry site visits in India
- **Credit points:** 12
- **Campus:** GP
- **Semester:** 1, 3

**IBB300 INTERNATIONAL BUSINESS STRATEGY**

This unit aims to develop student competencies in the analysis of issues and problems encountered by international firms in the formulation and implementation of business strategies. The unit emphasises the connection between core competencies, strategy and corporate performance and uses case studies to analyse the behaviour of international firms. Issues examined include: the forms of international involvement and entry mode strategies; organisation structures, control and cultural diversity; multinational versus global competitive strategies; the formulation and implementation of strategies of international cooperation and strategic alliances; small and medium enterprise (SME) strategies to compete in global markets.

- **Courses:** BSB56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF56, IF60, IF61, IF62
- **Prerequisites:** BSB211 or 96 credit points of approved study
- **Contact hours:** 3 per week
- **Credit points:** 12
- **Incompatible with:** BSB300, MGB330
- **Campus:** GP
- **Semester:** 1, 2

**IBB301 INSTITUTIONAL DEVELOPMENT & BUSINESS DYNAMICS**

This unit explores the relationship between organisational capabilities and business environment in the global economy. It uses information-related theories to analyse the performances of institutional frameworks, including hierarchies, inter-firm structures, and co-operatives. The unit examines organisational forms used in the past to identify variables that influence structural designs today.

- **Courses:** BSB56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF56, IF60, IF61, IF62
- **Prerequisites:** BSB211 or 96 credit points of approved study
- **Contact hours:** 3 per week
- **Credit points:** 12
- **Incompatible with:** BSB300, MGB330
- **Campus:** GP
- **Semester:** 1
UNIT SYNOPSES

on international logistics; the evolution of new technologies for 'smart' packaging, warehousing and transportation; some of the implications of outsourcing with goods products; recent technological developments in international business; and an introduction to stakeholder control; the combination of international services with goods products.

Competencies: This unit will develop knowledge and skills that are relevant to a range of business and management positions. The unit will provide a foundation for advanced study in areas such as international business, marketing, and operations management.

Prerequisites: IBN210 or GSN204 or IBN408

Courses: BS30, BS39, BS63, BS92, GS40, GS85, GS86, IF64

Prerequisites: IBB208 or 96 credit points of approved study

Contact hours: 3 per week

Credit points: 12

Incompatible with: MIB301

Campus: GP

Semester: 2

► IBB304 GLOBAL INDUSTRY ANALYSIS

The aim of this unit is to analyse the nature and structure of international business. The unit explores various aspects of international business, such as the factors that influence the success of international business ventures, the role of national policies and institutions in affecting international business, and the impact of international business on the global economy.

Prerequisites: IBB214 or MGB206 or MGB208

Contact hours: 3 per week

Credit points: 12

Incompatible with: MGB309, MIB300

Campus: GP

Semester: 1

► IBB308 CONTEMPORARY BUSINESS IN EUROPE

This unit provides students with an understanding of the nature and structure of international business in Europe. The unit examines various aspects of international business in Europe, such as the factors that influence the success of international business ventures, the role of national policies and institutions in affecting international business, and the impact of international business on the global economy.

Prerequisites: IBB208 or 96 credit points of approved study

Contact hours: 3 per week

Credit points: 12

Incompatible with: MIB300

Campus: GP

Semester: 2

► IBB312 SPECIAL TOPIC - INTERNATIONAL BUSINESS

An 'open-ended' unit where the opportunity will be available for staff and visiting scholars to offer a special topic for study.

Courses: BS56, IF56, IF60, IF62, IF72

Prerequisites: IBB211

Contact hours: 3 per week

Credit points: 12

Incompatible with: MIB312

Campus: GP

Semester: 1, 2, 3

► IBB317 CONTEMPORARY BUSINESS IN ASIA

This unit gives students an understanding of the practical challenges of doing business in South Asia. It explains current cultural, social, institutional and regulatory factors that impact upon enterprises in Asia. The unit analyses business strategy, production and procurement, distribution and marketing in select Asian markets. It addresses contemporary trends: market access; corporate governance; consumer demographics and the demand for products in local and foreign firms; integration of new business technologies; and the rapid economic and legal reform taking place in East Asia.

Courses: IF48, IF50, IF56, IF62, IF62, IF72

Prerequisites: IBB212 or MGB206 or MGB208

Contact hours: 3 per week

Credit points: 12

Incompatible with: MIB312

Campus: GP

Semester: 2

► IBN402 INDEPENDENT STUDY PROJECT - INTERNATIONAL BUSINESS

This unit enables a student to pursue a specific interest beyond the content offered in existing units. In this unit students will undertake a guided course of study in an aspect of International Business, to be undertaken under the supervision of a co-ordinator. This unit will contribute to the development of individual and professional skills, with a focus on the development of research and project management skills.

Prerequisites: IBN400 or 96 credit points of approved study

Contact hours: 3 per week

Credit points: 12

Incompatible with: IBN402

Campus: GP

Semester: 1, 2

► IBN408 NEGOTIATING ACROSS CULTURES

Analyzes the complex interdependence between cultures, management philosophies, corporate strategies and business negotiations. It is designed to develop skills in negotiating business transactions in international environments, in particular, across different cultures. The unit will also develop skills in communication and decision-making, and their application in real life situations.

Prerequisites: 96 credit points of approved study

Contact hours: 3 per week

Credit points: 12

Incompatible with: IBN402

Campus: GP

Semester: 1, 2

► IBN410 INTERNATIONAL LOGISTICS MANAGEMENT

This unit presents an introduction to international logistics functions and develops a strategic approach to international business transactions and integration focusing on supply chain management. The unit will introduce traditional and contemporary logistics concepts and describe international logistics operations including global transport systems, inventory management, material handling and information management. Global supply chain management cases and strategies are integrated throughout the unit.

Courses: BS64, BS65, BS66

Contact hours: 3 per week

Credit points: 12

Campus: GP

Semester: 2

► IBN411 INTERNATIONAL BUSINESS IN THE 21ST CENTURY

This unit provides an overview of the changes and challenges facing international business in the 21st century and the role that the student can play in this arena. The unit will cover topics such as international trade, international finance, and international business management.

Courses: BS56, BS64, BS65, BS66

Contact hours: 3 per week

Credit points: 24

Campus: GP

Semester: 1, 2

► IBN412 INTERNATIONAL BUSINESS IN MANAGEMENT

This unit is designed for students who are interested in management roles within international business firms. The unit will cover topics such as international strategies, international marketing, and international human resource management.

Courses: BS30, BS63, BS92, GS40, GS41, GS85, GS86, IF64

Credit points: 24

Semester: 1, 2

► IBN421 MARKETING INTERNSHIP

Students are exposed to the theoretical and practical aspects of marketing internationally. It is designed to develop academic and professional skills, with a focus on the development of research and project management skills.

Prerequisites: 48 credit points of approved postgraduate study

Contact hours: 3 per week

Credit points: 12

Incompatible with: IBN421

Campus: GP

Semester: 1, 2
UNIT SYNONYMS

aspects through the development of an extensive international marketing plan.

Incompatible with: ITB114 NETWORKING SYSTEMS

Computer systems and communications networks are essential to the activities of modern organisations. When students graduate from a course in Information Technology, they will be expected to have a sound understanding of the terminology and concepts of computer systems, communication networks and software. The course also provides students with an in-depth study of communication networks, telecommunications, operating systems, network administration, network security, and computer hardware security. The unit also serves as an entry point to further specialised studies in the fields of data communications and information systems security and software engineering.

Courses: ITB11, ITB9, ITB48, ITB58, ITB39, IKB9, IBK90
Contact hours: 4 per week
Credit points: 12
Incompatible with: ITB510

Campus: GP, CA
Semester: 1, 2

► ITB115 INTRODUCTION TO DATABASES

Students will learn basic database concepts and terminology; the creation and modification of a relational database using SQL; the retrieval and modification of the contents of a relational database using SQL; and the development of a database system in Access (a database management program). Students will also develop an understanding of the theory of the design of a new database; the basics of designing database schemas; 3-level database architecture; integrity constraints; security and privacy issues; and transaction processing.

Courses: ITB11, ITB9, ITB48, ITB39, IKB48, IKB39, IKB90
Contact hours: 3 per week
Credit points: 12
Incompatible with: ITB225

Campus: GP, CA
Semester: 1, 2

► ITB116 IT PROFESSIONAL STUDIES 1

This unit introduces students to the professional skills required by industry of IT graduates. Using a project-based IT project as a vehicle, students should acquire skills in basic project management leading to the creative design and construction of a Web site. Skill development in this unit focuses on ethical and professional practices, team work, analytical and technical skills, information literacy; oral, written and visual communication. In addition the unit assists students to understand themselves as a team member and as a self-directed learner by providing effective strategies for learning and work place skills.

Courses: ITB11, ITB9, ITB48, ITB39, IKB90, IKB90
Contact hours: 4 per week
Credit points: 12
Incompatible with: ITB310

Campus: GP, CA
Semester: 1, 2

► ITB117 IT PROFESSIONAL STUDIES 2

This unit builds upon the content delivered in ITB116. Interwoven with building a web based software product, you will also continue to develop further skills in team work and a better understanding of group dynamics. Each product will be formally presented and have appropriate documentation. Thus, this unit extends skills in report writing, oral and visual communication and teamwork.

Courses: ITB11, ITB9, ITB48
Prerequisites: ITB116
Contact hours: 4 per week
Credit points: 12
Incompatible with: KWB10

Campus: GP, CA
Semester: 1, 2

► ITB118 ICT SYSTEMS LIFE CYCLE

Students will be introduced to the organisational and social contexts of ICT, examination of Information Technology. The life cycle of such systems (that is the series of stages that the system passes through from the beginning to the end of its useful life), and the role and responsibilities of the participants in that life cycle will be explored. The impact that the development of systems has on the organisation and important considerations of the analysis of risks involved in the Systems Life Cycle will be addressed. Systems architectures and alterna-


### UNIT SYNOPSES

**UNIT B218 APPLICATIONS**

**PROGRAMMING**

Rapid Application Development (RAD) tools are increasingly dominating the development of commercial information systems. This unit introduces students to development methods for commercial information systems, the principles of using standard packages and the implementation of such systems using Object Oriented Event Driven Programming (OOED) using Visual Basic.Net (VB.Net), a programming environment that is used extensively in industry. VB.Net is the latest development of the Visual Basic Programming language with complete Object Oriented Programming environment using Common Language Runtime. IT graduates are required to understand these new developments, in relation to the rapid and appropriate, timely business applications in organisations.

**Courses:** IT21, IF38, IF48

**Contact hours:** 3 per week  Credit points: 12

**Incompatible with:** ITB107

**Campus:** GP  Semester: 1, 2

**Prerequisites:** ITB111, ITB115

**Contact hours:** 3 per week  Credit points: 12

**Incompatible with:** ITB219, ITNB218

**Campus:** GP  Semester: 1, 2

**UNIT B222 BUSINESS SYSTEMS ANALYSIS**

This unit develops basic systems development skills by teaching a methodology and techniques of systems analysis and design. This unit gives an introduction to all the phases of the classical systems development life cycle. The aim is to give students a balanced overview of the process of analysing, designing information systems, while ensuring that students develop the necessary skills to apply the major techniques to simple problems. Emphasis is placed on the practical application of techniques to real-world problems.

**Courses:** IT21, IF38, IF48

**Prerequisites:** ITB111, ITB115

**Contact hours:** 3 per week  Credit points: 12

**Incompatible with:** GP  Semester: 1, 2

**Campus:** GP

**UNIT B223 WEB APPLICATIONS**

**I)** Design Elements for Interactive Web Front Ends (II) Architecture of web-enabled database applications (III) Database Design for web enabled database applications. Working as part of a team, you will develop a fully functional dynamic Web Application.

**Courses:** IT21, IF38, IF48

**Prerequisites:** ITB115, ITB117

**Contact hours:** 3 per week  Credit points: 12

**Incompatible with:** GP  Semester: 1, 2

**Campus:** GP

**UNIT B228 ENTERPRISE SYSTEMS**

I) ES Management, II) Technical Architecture of SAP R/3 as an exemplar Enterprise System III) A problem oriented approach to designing information systems (spanning FI, MM, PP, CO) IV) The ES Lifecycle V) Implementation Processes VI) Implementation Issues VII) Integration with other systems with other popular and/or proprietary methods such as ER. Practical application to a range of small to large problems.

**Courses:** IT21, IF38, IF48

**Prerequisites:** ITB115

**Contact hours:** 3 per week  Credit points: 12

**Incompatible with:** GP  Semester: 1, 2

**Campus:** GP

**UNIT B230 PROJECT**

Systems analysis, design and implementation; testing; documentation; communication of results; management of time and resources.

**Courses:** IT21, IF38, IF48

**Prerequisites:** Completion of at least 72 credit points from the Information Systems major.

**Contact hours:** 3 per week  Credit points: 12

**Incompatible with:** ITB115

**Campus:** GP  Semester: 1, 2

**UNIT B232 DATABASE SYSTEMS**

The unit introduces the theoretical foundations of databases, system implementation techniques, and gives an overview of emerging database technologies and applications. More specifically, it covers: File Organisation and storage; Query Processing and optimisation; Transaction management; Database technology for Decision Support Applications; Enhanced data models for advanced application, Reactive, Temporal, Spatial, multimedia and web databases.

**Courses:** IT21, IF48, IT40, IT35, IT45, IT38

**Prerequisites:** Undergraduate: ITB115; Postgraduate: ITN200

**Contact hours:** 3 per week  Credit points: 12

**Incompatible with:** ITN232

**Campus:** GP  Semester: 1, 2

**UNIT B233 ENTERPRISE SYSTEMS APPLICATIONS**


**Courses:** IT21, IF38

**Prerequisites:** IT students: ITB228; Business students: BSB112; Engineering students: BNB007

**Contact hours:** 3 per week  Credit points: 12

**Incompatible with:** ITN232

**Campus:** GP  Semester: 1, 2

**UNIT B236 OBJECT-ORIENTED ANALYSIS AND DESIGN**

This unit extends the materials in Systems Analysis and Design. It focuses on the dynamic aspects of the life cycle of a system which are required in order to develop complex systems. Object-oriented methodologies and methods are reviewed in order to equip the student to acquire some understanding of formal systems development. Design issues are then introduced, which covers object design, systems design and data storage. Students are required to complete a real life project using the above techniques.

**Courses:** IT21, IF48, IT40, IT35, IT45, IT38

**Prerequisites:** Undergraduate: ITB222; Postgraduate: ITN222

**Contact hours:** 3 per week  Credit points: 12

**Incompatible with:** ITN236

**Campus:** GP  Semester: 1, 2

**UNIT B240 PROJECT (INFORMATION SYSTEMS)**

Systems analysis, design and implementation; testing; documentation; communication of results; management of time and resources.

**Courses:** IT21, IF38, IF48

**Prerequisites:** Undergraduate: ITB222; Postgraduate: ITN222

**Contact hours:** 3 per week  Credit points: 12

**Incompatible with:** ITN236

**Campus:** GP  Semester: 1, 2

**UNIT B243 KNOWLEDGE-BASED SYSTEMS**

Propositional and Predicate logic, knowledge representation, AND-OR graphs, semantic concepts, natural deduction, natural language processing. More specifically, it covers: File Organisation and storage; Query Processing and optimisation; Transaction management; Database technology for Decision Support Applications; Enhanced data models for advanced application, Reactive, Temporal, Spatial, multimedia and web databases.

**Courses:** IT21, IF38  **Prerequisites:** ITB229

**Contact hours:** 3 per week  Credit points: 12

**Incompatible with:** ITN231

**Campus:** GP  Semester: 1, 2

**UNIT B244 SPECIAL TOPIC 1A (RECORD SYSTEMS)**

This unit is designed to allow for the significant development of, or emphasis in, aspects of information systems not dealt with in other course units. Selected topics and study areas are offered as required and when the expertise is available. See School of Information Systems announcement for details of topics being offered.

**Courses:** IT21, IF38  **Prerequisites:** ITB266

**Contact hours:** 3 per week  Credit points: 12

**Incompatible with:** ITN230

**Campus:** GP  Semester: 1

**UNIT B245 R/3 SYSTEMS ADMINISTRATION**

R/3 is a fully integrated, off the shelf, open, client/server software system designed to manage all the business information needs of large enterprises. The efficient functioning of an enterprise utilising R/3 then can be directly related to the efficient functioning of the R/3 system. As it is the system administrator’s responsibility to ensure the efficient functioning of the R/3 system, this course provides a comprehensive introduction to the essential tasks of the R/3 systems administrator.

**Courses:** IT21  **Prerequisites:** ITB115

**Contact hours:** 3 per week  Credit points: 12

**Incompatible with:** ITN245

**Campus:** GP  Semester: 1

**UNIT B254 INTERACTIVITY DESIGN**

Introduction to interactivity design and the usability engineering lifecycle; human cognition and perception and their effect on user interactivity; introduction to contextual analyses; the usability engineering lifecycle; evaluating and testing; planning and carrying out evaluation of interface designs; structured interactivity design methods; guidelines and standards for interface design. More specifically, it covers: File Organisation and storage; Query Processing and optimisation; Transaction management; Database technology for Decision Support Applications; Enhanced data models for advanced application, Reactive, Temporal, Spatial, multimedia and web databases.

**Courses:** IT21, IT40, IT35, IT45, IT38

**Prerequisites:** ITB227; IT40, IT35, IT45, IT38; ITN227 or permission of Unit Coordinator

**Contact hours:** 3 per week  Credit points: 12

**Incompatible with:** GP

**Campus:** GP  Semester: 2

**UNIT B256 SPECIAL TOPIC 2A (STRATEGIC TELEWORK)**

This unit is designed to allow for the significant development of, or emphasis in, aspects of information systems not dealt with in other course units. Selected topics and study areas are offered as required and when the expertise is available. See School of Information Systems announcement for details of topics being offered.

**Courses:** IT21, IT40, IT35, IT45, IT38  **Prerequisites:** ITB216; IT40, IT35, IT45, IT38; ITN227 or permission of Unit Coordinator

**Contact hours:** 3 per week  Credit points: 12

**Incompatible with:** GP

**Campus:** GP  Semester: 1

**UNIT B257 MULTIMEDIA SYSTEMS**

Multimedia Authoring: Cognitive aspects of multimedia; The Media Elements; Still images, vector images and text; Video and animation; Sound (wave form, MIDI, voice); Compression and decompression of multimedia; Hypermedia; Client/Server considerations for multimedia delivery; Programming development for multimedia

**Contact hours:** 3 per week  Credit points: 12

**Incompatible with:** GP

**Campus:** GP  Semester: 1

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ITB258 ABAP PROGRAMMING

Characteristics and features of the ABAP Workbench environment; ABAP data modelling tools; ABAP language basics; Principles of report and screen design; Development of reports and dialogue screens in ABAP; Coding transactions in ABAP.

Courses: IT21, IT40, IT35, IT45, IT38
Prerequisites: IT218 or knowledge of SQL, IT40, IT35, IT45, IT38: ITN223
Credit points: 12
Incompatible with: ITN258, ITN281
Campus: GP
Semester: 1, 2

ITB259 ADVANCED MULTIMEDIA TECHNOLOGIES

This unit assumes you have an understanding of multimedia technologies, and focuses on integrating and enhancing your knowledge and skill. You will design and develop a sophisticated product utilising at least a few of the following: Cognitive aspects of multimedia; Human-Computer interaction; Multimedia development; Compression and transmission of multimedia; Client/Server considerations for multimedia distribution; Development for mobile platforms for multimedia; The Future of Multimedia.

Courses: IT21, IT228, ITB257
Contact hours: 3 per week
Credit points: 12
Incompatible with: ITN258
Campus: GP
Semester: 2

ITB260 E-COMMERCE SITE DEVELOPMENT

The aims of an electronic commerce site. The business objectives. Issues in a site: design, software, databases, payment, staffing, hosting and marketing. Use of the Internet. Producing and evaluating site quality.

Courses: IT21, IT38
Prerequisites: ITB227 or ITB524
Contact hours: 3 per week
Credit points: 12
Campus: GP
Semester: 1, 2

ITB262 E-COMMERCE TECHNOLOGIES

This unit provides an introduction to some of the information technologies being used to support electronic commerce. In particular, it will cover Java and XML technologies, including Java beans, applets, and Java Server Pages, and XML-based technologies, including XSL. The unit will also cover a number of applications of electronic commerce, including electronic services and auctions.

Courses: IT21, IT38
Prerequisites: ITB115, ITB111
Contact hours: 3 per week
Credit points: 12
Campus: GP
Semester: 1, 2

ITB263 WEB INTELLIGENCE FOR E-COMMERCE

The notions of agency, a taxonomy of intelligent agents, agent communication languages, the Belief-Desire-Intention agent model, web-based intelligent information agents, agent-mediated electronic-commerce, collaborative filtering in Recommender systems, data mining methods for web content analysis, statistical approaches for web users’ profiling, automated negotiation in electronic market-places.

Courses: IT21, IT38
Prerequisites: ITB112
Contact hours: 3 per week
Credit points: 12
Campus: GP
Semester: 1, 2

ITB264 INFORMATION SYSTEMS

This unit examines the strategic and operational environment of an IS consulting firm. It looks at the lifecycle of an IS consulting engagement and the role and ethics of consultants involved at each stage of that lifecycle. The IS consulting marketplace is appraised to give students a better understanding of the role and management of consultants within the sector. Context is provided by examining specific IS consulting practices such as large scale software implementation, systems integration and development and IS Strategic Planning, a team-based simulation exercise of the consultant engangement process is a central feature of this unit.

Courses: IT21, IT38, IT48, IT40, IT35, IT45, IT38
Prerequisites: Undergraduate: ITB117, IT40, IT35, IT45, IT38: ITN241
Contact hours: 3 per week
Credit points: 12
Campus: GP
Semester: 2

ITB265 MANAGEMENT OF INFORMATION PROGRAMS

The application of effective management techniques has become increasingly important in Call Centres, Help Desk Centres, Libraries, IT consultancy firms and other types of information agencies. This unit introduces students to the ways in which generic management principles strategic planning, strategic marketing, principles of leadership, motivation and effective organisational communication among other aspects are applied to achieve best practice in contemporary information agencies. Theoretical perspectives and the adoption of a case studies approach are combined to consider practical issues in different types of information agencies.

Courses: IT21, IT38
Prerequisites: ITB116
Contact hours: 3 per week
Credit points: 12
Campus: GP
Semester: 1, 2

ITB266 PRINCIPLES OF INFORMATION MANAGEMENT

Characterisation of information management at three levels of interpretation: technical, analytical and strategic. The continuum of information management involving analysis, design, evaluation and retention of print and electronic resources are explored within the context of the dynamic information society.

Courses: IT21, IT38
Prerequisites: ITB227, ITB257
Contact hours: 3 per week
Credit points: 12
Incompatible with: ITN266
Campus: GP
Semester: 1

ITB267 DATA WAREHOUSING FOR DECISION SUPPORT

Taxonomy of Management Information Systems (FIS, EIS, GIS, MIS etc), Data Driven Decision Support Systems, Business-to-Business Data Warehouses, Online Analytical Processing (OLAP) Interfaces, Data Mining for Decision support.

Courses: IT21, IT38, IT48, IT40, IT35, IT45, IT38
Prerequisites: Undergraduate: ITB115, ITB232, IT40, IT35, IT45, IT38: ITN223
Contact hours: 3 per week
Credit points: 12
Incompatible with: ITB242
Campus: GP
Semester: 1, 2

ITB268 SPECIAL TOPIC 1B (ADVANCED DATABASES)

This unit is designed to allow for the significant development of, or emphasis in, aspects of information systems not dealt with in other course units. Selected topics and study areas are offered based on the required knowledge base available. See School of Information Systems announcements for details of topics.

Courses: IT21, IT38
Prerequisites: ITB115
Contact hours: 3 per week
Credit points: 12
Incompatible with: ITB242
Campus: GP
Semester: 1, 2

ITB272 INFORMATION TECHNOLOGY PROJECT MANAGEMENT

Project Scoping, Project Success Criteria, Organisational Cultures, Group Dynamics and Communication within Teams, Risk Assessment, Quality Management, Project Scheduling/Metrics and Communication Management.

Courses: IT21, IT38, IT48
Prerequisites: Completion of at least 192 credit points
Contact hours: 3 per week
Credit points: 12
Campus: GP
Semester: 1, 2

UNIT SYPOSSES

ITB333 INFORMATION ISSUES

This unit examines trends in the Information Society where emerging relevant technologies allow considerable power to individuals, companies and governments in acquiring, processing, storing, disseminating, and using information. These changes also underscore the need for greater understanding of where and how IT (and following professional standards) is used to formulate and exercise appropriate standards of professionalism and ethical conduct. Learning objectives include: to develop a greater knowledge of the professional Codes of the Australian Computing Society, the Australian Library & Information Society, and similar professional bodies.

Courses: IT21, IT38, IT48
Prerequisites: ITB116
Contact hours: 3 per week
Credit points: 12
Incompatible with: ITN330
Campus: GP
Semester: 1, 2

ITB335 DIGITAL LIBRARIES

The development of automated library systems including analysis of subsystems such as acquisitions, circulation, cataloguing, reference and information retrieval and special materials control; standards for description, distribution and retrieval of information in such systems; integration of subsystems; linking of systems into networks and organisation of document delivery, access to digital collections, knowledge representation and information retrieval from databases and resource discovery within a coordinated framework; digitisation programs and their management.

Courses: IT21
Prerequisites: ITB223
Contact hours: 3 per week
Credit points: 12
Incompatible with: ITN335
Campus: GP
Semester: 2

ITB337 INFORMATION ORGANISATION 1

Principles and strategies for organising information; the nature of information; theory of indexing and classification; the structure of bibliographic databases and bibliographic records; international standards for information organisation; subject heading lists; library catalogues; indexing and abstracting services; library networks; adopting a client–approach to knowledge organisation; developing personal heuristics for approaching unfamiliar technologies.

Contact hours: 3 per week
Credit points: 12
Incompatible with: ITN337
Campus: GP
Semester: 2

ITB338 INFORMATION RESOURCE PROVISION

This unit introduces you to the relationship between information resource provision and community information needs. You will analyse and evaluate the various aspects of the topic of the current and varied information needs. You will analyze the various aspects of the current information content, considering current publishing trends to develop your understanding of the identification and acquisition of information resources for specific types of information agency. Issues relating to the purchase, licensing and retention of print and electronic resources are examined in the context of the varied information environment. You will investigate the role of the collection policy documents, collection evaluation techniques, inter-agency resource
UNIT SYNOPTES

sharing and collaborative purchasing arrangements.

Courses: IT21
Prerequisites: ITB116
Contact hours: 3 per week
Credit points: 12
Incompatible with: ITN338
Campus: GP
Semester: 2

► ITB339 PROFESSIONAL PRACTICE
This unit provides you with the opportunity to spend time in the professional working environment. You will explore, through a variety of work experiences, many of the issues that have an impact upon professionals working in information agencies. The unit provides a contemporary perspective of the information agencies and the role that you, as an information professional, can play if you work in these areas. You will be encouraged to consider your own knowledge, skills and abilities as you develop a professional portfolio. You also complete two fieldwork placements of fifteen days each. You will organise your placements, in conjunction with a faculty supervisor.

Courses: IT21
Prerequisites: ITB322, ITB337
Contact hours: 2 per week plus 2 x 3 week placements
Credit points: 12
Incompatible with: ITN339
Campus: GP
Semester: 2

► ITB341 STRATEGIC INFORMATION AND KNOWLEDGE MANAGEMENT
The course attempts to describe the major applications of the various techniques that students are likely to encounter in formulating and implementing information and knowledge based strategic plans in a typical business organisation without entering into the actual context of a particular environment. Students are guided systematically in acquiring the analytical and managerial skills required to develop information and knowledge based strategic plans that are aligned with organisational strategies, with a view to achieving organisational goals. It also deals with functions and practices of management that relate to provision of information and knowledge services, and utilisation of technology to support them.

Courses: IT21
Prerequisites: ITB266
Contact hours: 3 per week
Credit points: 12
Campus: GP
Semester: 2

► ITB610 SOFTWARE DEVELOPMENT 3
This is a core unit in the Software Engineering major. Object technology is the predominant approach used to develop most new software systems. Students who graduate from a course in this Information Technology major students will be expected by employers to be able to apply object technology effectively. This unit introduces students to the basic concepts of object-oriented programming. Emphasis will be placed on using object technology to solve complex problems.

Courses: IT21
Prerequisites: Knowledge of the C Language & Abstract Data Types e.g ITB610
Contact hours: 3 per week
Credit points: 12
Incompatible with: ITB484, IT415, ITN661
Campus: GP
Semester: 1, 2

► ITB612 SOFTWARE ENGINEERING PRINCIPLES
This is a core unit in the Software Engineering major. Software development in the Information Technology industry is centred around the professional role of the software engineer. Therefore, there is an established awareness of the importance of a disciplined approach to software engineering. This unit will prepare students for the benefits provided by a controlled software engineering process and effective teamwork both through lectures and through small group project work.

Courses: IT21, ITF58, ITF59, ITF79, ITF60
Prerequisites: ITB112
Contact hours: 3 per week
Credit points: 12
Incompatible with: ITB424
Campus: GP, CA
Semester: 1, 2

► ITB613 ADVANCED PROGRAMMING LABORATORY
The development of large software systems has changed markedly by the impact of software engineering processes. Students graduating from a course in Information Technology require an in-depth knowledge of software engineering processes, software development and programming skills to be able to effectively develop software systems. This unit allows students to apply their knowledge in these areas to a large real world project.

Courses: IT21, ITF29, ITF58, ITF60
Prerequisites: ITB112
Contact hours: 3 per week
Credit points: 12
Incompatible with: ITB432
Campus: GP, CA
Semester: 1, 2

► ITB614 PROGRAMMING LANGUAGES
In this unit students will learn about functional programming languages. Functional languages tend to contain more advanced/high level programming language constructs (such as higher order type systems and polymorphism) than imperative languages and so will introduce students to a range of new programming language capabilities. Many of these advanced features are finding their way into more mainstream (imperative) programming languages, so understanding of the new position students will take up as software engineers of the future. The two facets of the unit are brought together by showing how functional languages can be used effectively to code language processing tasks.

Courses: IT21, ITF59
Prerequisites: ITB114, MAB209 or MAB177
Contact hours: 3 per week
Credit points: 12
Incompatible with: ITB433
Campus: GP
Semester: 1, 2

► ITB616 COMPUTER ARCHITECTURE
This unit is a core unit of the Software Engineering major of the BIT degree. This unit continues the investigation of the architecture of the computer and the system software from the prerequisite unit ITB113. Programming at the assembly language level is introduced. This provides insight into the behaviour of different components of a computer system.

Courses: IT21, ITF29, ITF59
Prerequisites: ITB113
Contact hours: 3 per week
Credit points: 12
Incompatible with: ITB433
Campus: GP
Semester: 1, 2

► ITB617 CONCURRENT AND DISTRIBUTED SYSTEMS
Operating Systems are fundamental to any computer system. This unit covers the concepts, structure and management of modern day operating systems. Central to an operating system are the processes that work concurrently to perform system and user tasks. This idea of concurrency is studied at a low level. Furthermore, this unit covers the middleware that support distributed applications. This unit forms part of the course Concurrent and Distributed Systems specialisation of the Software Engineering major of the Bachelor of Information Technology degree. Completion of this unit will enable you to undertake the final year operating system elective (UNIX Systems Programming & Administration).

Courses: IT21, ITF59
Prerequisites: ITB113, ITB610
Contact hours: 3 per week
Credit points: 12
Incompatible with: ITB427
Campus: GP, CA
Semester: 1

► ITB633 INFORMATION SECURITY
Information is an important asset. IT systems are increasingly used to store, process and exchange information. These information systems are vital but also vulnerable. This unit introduces security issues with information systems whose users range from a single user to those of a large organisation. Students will examine possible countermeasures that they should be aware of, as both a computer user and a computing professional. Students are provided with an overview of information security and its importance and is intended as a primer for further studies in information security.

Courses: IT21
Prerequisites: ITB114
Contact hours: 3 per week
Credit points: 12
Incompatible with: ITB525, ITN523, ITN511, ITB543, ITZ523, ITN582, ITN663
Campus: GP, CA
Semester: 1, 2

► ITB624 INTERNETWORKING
Networks based on the TCP/IP Protocols are the framework for most user networking activities today. Students wishing to specialise in data communications need to understand and build in these protocols and their related elements. This unit will enable students understand the function of protocols, concepts, processes and operations involved in networking, and also provide a platform for them to undertake other studies in data communication.

Courses: IT21, ITF29, ITF58, ITF59, ITF60
Prerequisites: ITB114
Contact hours: 3 per week
Credit points: 12
Incompatible with: ITB524, ITN524
Campus: GP, CA
Semester: 1, 2

► ITB625 NETWORK ADMINISTRATION
Data Communication graduates are expected to possess practical skills in various aspects of the installation and management of communications systems. As computer professionals, they must have a range of knowledge and skills in the field of information security, databases, and networking operations. Students will gain an advanced-level, unit that builds on students prior knowledge of TCP/IP protocols, networking technologies, operating systems and PC hardware.

Courses: IT21
Prerequisites: ITB624
Contact hours: 3 per week
Credit points: 12
Incompatible with: ITB525, ITB535
Campus: GP
Semester: 1, 2

► ITB626 MANAGEMENT OF NETWORK SYSTEMS
Network Management is vital to the overall control and operation of computer networks and their interconnection on a local, national and global basis. This unit helps students acquire skills to be able to manage integrated networks. Introduce policies to a diverse networking environment, and evaluate current industry standards.

Courses: IT21
Prerequisites: ITB625
Contact hours: 3 per week
Credit points: 12
Incompatible with: ITB565
Campus: GP
Semester: 1, 2

► ITB627 NETWORK TECHNOLOGIES
The Data Communications graduate must have a deep knowledge of the operation of the various network components and protocols. The Data Communications graduate must also understand the choices in network design, implementation, and operation which may have a substantial impact on the overall cost of the network. This unit will give students a detailed view of different networking protocols and implementations.

Courses: IT21
Prerequisites: ITB114, MAB209 or MAB177
Contact hours: 3 per week
Credit points: 12
Incompatible with: ITB527, ITN527, ITB558
Campus: GP, CA
Semester: 2

► ITB628 NETWORK PLANNING
Data Communications graduates will often be required to plan either new networks or the up gradation of existing networks. This advanced level unit will expose students to methodologies and procedures which are useful in addressing the issues involved in network planning. The unit builds on previously acquired skills and knowledge relating to data communications.

Courses: IT21
Prerequisites: ITB627

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supercomputers. This unit introduces you to the components of network services and communication. This unit introduces students to the design, implementation and operation of the components and applications. Students will gain experience with distributed data and intranet client server applications. This unit assumes you have a basic understanding of networking issues and a good working knowledge in this area.

Contact hours: 3 per week  Credit points: 12

Incompatible with: ITB551

Campus: GP  Semester: 1, 2

► ITB629 NETWORK SERVICES

Graduates in software engineering and data communications require an understanding of the theoretical and practical components of network services and communication. This unit introduces students to the design, implementation and operation of the components and applications. Students will gain experience with distributed data and intranet client server applications. This unit assumes you have a basic understanding of networking issues and a good working knowledge in this area.

Contact hours: 3 per week  Credit points: 12

Incompatible with: ITB529

Campus: GP, CA  Semester: 1, 2

► ITB640 ARTIFICIAL INTELLIGENCE

An unprecedented wealth of scientific, medical, demographic and financial data is being generated at an increasing rate. This is a resource. So, we must find ways to automatically classify and summarize data. There is a need to develop autonomous systems capable of performing dangerous or tedious tasks. This unit introduces the methods and techniques used to achieve computational intelligence. This body of knowledge is becoming a prominent part of the culture of the information technology professional.

Contact hours: 3 per week  Credit points: 12

Incompatible with: ITB442, ITB463, ITN445, ITB461, ITN461

Campus: GP  Semester: 2

► ITB641 COMPONENT AND NETWORK APPLICATIONS

Component software systems using off-the-shelf software components will form a significant part of software engineering in the future. Component technology serves as the enabling technology for this approach and any significant system will require network communication to support distributed interaction between software components. Hence this unit covers both component technology and networking in component software applications. This unit builds on more general knowledge of software development and engineering. This unit is an elective in the Software Engineering major, and the Electronic Commerce & Emerging Technologies major. It is subject to final approval.

Courses: IT21  Prerequisites: ITB611

Contact hours: 3 per week  Credit points: 12

Incompatible with: ITB466, ITB566

Campus: GP, CA  Semester: 1

► ITB642 WEB APPLICATION DEVELOPMENT

The World Wide Web has become the most important computer system. However designing software for the web is rather different than for standalone PC applications. This unit will provide you with a high level understanding of the structure of web based systems and the technologies used to develop them. By looking at how these technologies have evolved, you will be in a better position to comprehend and critically evaluate future web technology offerings.

Contact hours: 3 per week  Credit points: 12

Incompatible with: ITB471

Campus: GP  Semester: 2

► ITB643 UNIX SYSTEMS ADMINISTRATION

The UNIX operating system is regarded as one of the most powerful, versatile, and flexible operating systems in the computer world. Its popularity is due to many factors, including its ability to run in a wide variety of machines, from micros to supercomputers. This unit introduces you to the theoretical and practical administration of the UNIX operating system.

Courses: IT21  Prerequisites: ITB661

Contact hours: 3 per week  Credit points: 12

Incompatible with: ITB649

Campus: GP  Semester: 1

► ITB644 WINDOWS ADMINISTRATION

Data Communications graduates are expected to possess practical skills in various aspects of the installation and management of network environments, particularly local area networks. This unit introduces students to the design, implementation and operation of the components and applications. This unit assumes you have a basic understanding of networking issues and a good working knowledge in this area.

Contact hours: 3 per week  Credit points: 12

Incompatible with: ITB533, ITB457, ITB470

Campus: GP  Semester: 2

► ITB645 NETWORK SECURITY

IT graduates working in the security industry need to have an understanding of networks and network security, particularly in regards to the commercial applications on the Internet. This unit builds on foundations laid in Data Security and gives a comprehensive coverage of the management issues, risks, and security technologies associated with electronic payment systems and e-commerce. This unit is an elective unit.

Courses: IT21  Prerequisites: ITB263

Contact hours: 3 per week  Credit points: 12

Incompatible with: ITB569

Campus: GP  Semester: 2

► ITB646 CRYPTOGRAPHIC FUNDAMENTALS

As an IT professional you may be required to either evaluate or implement network security procedures. As cryptographic techniques are widely used to implement network security, students need to understand the mathematical concepts underlying IT security. These concepts include cryptography, classical ciphers, modern ciphers and the applications of cryptography.

Courses: IT21  Prerequisites: MAB209 or MAB177

Contact hours: 3 per week  Credit points: 12

Incompatible with: ITB548, ITB556, ITN566, ITN512, ITN510

Campus: GP  Semester: 1

► ITB647 ADVANCED PROGRAMMING TECHNOLOGY

This elective unit is designed to complement earlier basic programming units to enhance students abilities to cope with more advanced programming techniques and technologies, increasing their effectiveness and value as a programmers, and endowing them with a more well-rounded skill set that will differentiate students as professionals or experts rather than beginners.

Courses: IT21  Prerequisites: ITB111, ITB112 or equivalent

Contact hours: 3 per week  Credit points: 12

Campus: GP  Semester: 1

► ITB648 GRAPHICS

This is an elective unit in the BIT degree. Computer graphics is an important part of the IT industry and is used, for example, in advertising, design and entertainment, including CAD systems, simulations and computer games.

Courses: IT21  Prerequisites: ITB610

Contact hours: 3 per week  Credit points: 12

Incompatible with: ITB441

Campus: GP  Semester: 2

► ITB649 OBJECT MODELLING AND GAMES DESIGN

This is a core unit in the double degree, IF90, and an elective unit in the BIT degree. Object modelling techniques are fundamental to any real time 3D animation system, whether it be used for simulation, training, or entertainment. Traditionally object modelled techniques included such techniques as keyframe and kinematics. With the increased GPU power and the incorporation of a GPU (graphics processing unit) the ability to animate objects in real time is allowing more sophisticated interaction and the exhibition of the merger of gaming/simulation and film. This unit assumes you have a basic understanding of networks and network security, particularly in regards to the commercial applications on the Internet. This unit builds on foundations laid in Data Security and gives a comprehensive coverage of the management issues, risks, and security technologies associated with electronic payment systems and e-commerce.

Courses: IT21, IF90  Prerequisites: ITB648

Contact hours: 3 per week  Credit points: 12

Incompatible with: ITB460

Campus: GP  Semester: 1

► ITB650 COMPUTATIONAL INTELLIGENCE

Increasingly human operators expect that modern computer controlled machinery relieves them from the need to perform routine control actions, operating decisions, failure diagnostics and maintenance operations. Computational Intelligence methods are an important element in the achievement of this goal. Graduates in software engineering and data communications require a good working knowledge in this area.

Contact hours: 3 per week  Credit points: 12

Incompatible with: ITB849

Campus: GP  Semester: 1
UNIT SYNOPSES

► ITB849 INTRODUCTION TO TECHNICAL COMPUTING
This unit will assist students to develop problem-solving and programming skills essential in professional technical computing and used in many fields of engineering and technology majors. The skills are transferable to other programming languages and applications. The unit introduces students to the MATLAB programming environment which is particularly useful for engineering students who will use it later in their studies for various programming and data analysis tasks.
   Contact hours: 3 per week  Credit points: 12  Campus: GP  Semester: 1

► ITB851 ADVANCED TECHNICAL COMPUTING
This unit will introduce the C programming language, and Object Oriented programming C++. The Unix and C programming environments are major tools used in the development of embedded system applications. Object Oriented Programming is a major Software Engineering paradigm. In recent years, object technology has become an important approach to software development. Most new software systems are developed using object-oriented techniques. Students graduating from a course having significant Information Technology content will be expected by employers to be familiar with object-oriented technology. This unit introduces students to object-oriented concepts. Emphasis will be placed on using object technology to solve complex technical engineering orientated problems.
   Prerequisites: ITB849  Contact hours: 3 per week  Credit points: 12  Campus: GP  Semester: 1

► ITD111 SOFTWARE DEVELOPMENT 1
All Information Technology students need a fundamental knowledge of programming and an understanding of the processes and issues involved in the software development life cycle. Although not all Information Technology graduates will become programmers, all Information Technology professionals will be required to work with programmers at some time in their careers. Therefore students need to understand the constraints that arise in the process of software development. This unit will provide students with a basis for the ongoing development of their programming knowledge and is a prerequisite for the unit Software Development 2.
   Courses: IT10  Contact hours: 4 per week  Credit points: 12  Incompatible with: ITD410  Campus: KG  Semester: 1, 2, 3

► ITD112 SOFTWARE DEVELOPMENT 2
Software Development 2 builds on the unit Software Development 1 and is essential for all majors. The unit prepares students for the further stage of Software Development 3 in the Software Engineering and Data Communications major. Since successful software development relies on reuse of one’s own code and of “third party” software libraries, Software Development 2 extends programming skills in more complex environments while actually doing less coding and relying more upon reuse. Thus this unit prepares students for future programming units in any major involving sophisticated data structures, industry standard 3GL languages, or large-scale software engineering.
   Prerequisites: ITD111  Contact hours: 4 per week  Credit points: 12  Incompatible with: ITD411  Campus: KG  Semester: 1, 2, 3

► ITD113 SYSTEMS ARCHITECTURE
Computer systems and communications networks are fundamental to the activities of modern organisations. Many graduates from a course in Information Technology will be expected by employers to have a firm understanding of the terminology and concepts of computer systems and communications networks software. This unit introduces students to computer systems, communications network technologies and Information Technology software. This unit also serves as an entry point to further specialised studies in the fields of data communications and software engineering.
   Courses: IT10  Contact hours: 4 per week  Credit points: 12  Incompatible with: ITD412  Campus: KG  Semester: 1, 2, 3

► ITD114 NETWORK TECHNOLOGIES
Computer systems and communications networks are essential to the activities of modern organisations. When IT graduates from a course in Information Technology, employers expect them to have a sound understanding of the terminology and concepts of computer systems, communications networks and software. This unit provides students with an in-depth study of communications network technologies, network operating systems, network administration and network management, network applications and network security. The unit also serves as an entry point to further study of fields such as communication systems and information systems security and software engineering.
   Courses: IT10  Contact hours: 4 per week  Credit points: 12  Incompatible with: ITD510  Campus: KG  Semester: 1, 2, 3

► ITD115 INTRODUCTION TO DATABASES
Students will learn basic database concepts and terminology; the creation and modification of a relational database using SQL; the retrieval and modification of the contents of a relational database using SQL; and the development of a database system in Access (a database management system). The unit will also develop an understanding of the theory of the design of a new database; the basics of designing user-interfaces; 3-level architecture; integrity constraints; security and privacy issues; and transaction processing.
   Courses: IT10  Contact hours: 4 per week  Credit points: 12  Incompatible with: ITD225  Campus: KG  Semester: 1, 2, 3

► ITD142 PROFESSIONAL PROJECT 1
This unit introduces students to the professional skills required by industry IT graduates. Using a contextualised IT project as a vehicle, students should acquire skills in basic project management leading to the creative design and construction of a Web site. Skill development in this unit focuses on ethical and professional practices, team work, analytical and technical skills, information literacy, oral, written and visual communication. In addition the unit assists students to understand themselves as IT practitioners and as self-directed learner by providing effective strategies in each of these domains.
   Courses: IT10  Contact hours: 4 per week  Credit points: 12  Campus: KG  Semester: 1, 2, 3

► ITN100 RESEARCH METHODOLOGY
In this unit students are introduced to the research process, research quality control, research project management, and research methodology. Students examine how to source relevant literature, critique research, conduct a research project, and how to write a research proposal.
   Courses: IT28, IT29, IT30, IT35, IT40, IT60, IF49  Corequisites: ITN110 (corequisite for Honours only) or equivalent  Credit points: 12  Campus: GP  Semester: 1, 2

► ITN110 PROJECT (HONOURS)
This unit is a research project. Normally, the unit will be followed by a master’s thesis (96 credit points). The unit itself complements ITN100, and gives students the opportunity to undertake research in a particular area of interest. The unit also exercises students in preparing a well-written research report.
   Courses: IT30  Prerequisites: ITN100  Contact hours: 3 per week  Credit points: 12  Campus: GP  Semester: 1, 2

► ITN112 DISSERTATION (IS) (PART-TIME)
Designed to enable a part-time student to undertake research work in a particular area of information technology. Topic is decided by agreement between the student and a supervising staff member.
   Courses: IT30  Prerequisites: ITN100, ITN110  Credit points: 24  Campus: GP  Semester: 1, 2

► ITN112 MAJOR PROJECT (IS) (FULL-TIME)
An appropriately sized problem is formulated in consultation with one or more project supervisors in either the School of Information Systems or the School of Computing Science and Software Engineering, and is usually associated with one of the research interests within the School. Students and supervisor must agree on a topic, scope and semester plan for the work to be attempted. At the end of the semester, the outcome of the investigation is presented to the School both orally and in written form.
   Courses: IT40, IT35  Prerequisites: ITN100  Contact hours: By arrangement with the supervisor of the project. Minimum contact should consist of one meeting per week.  Credit points: 48  Campus: GP  Semester: 1, 2

► ITN115 MAJOR PROJECT (IS) (PART-TIME)
An appropriately sized problem is formulated in consultation with one or more project supervisors in either the School of Information Systems or the School of Computing Science and Software Engineering, and is usually associated with one of the research interests within the School. Students and supervisor must agree on a topic, scope and semester plan for the work to be attempted. At the end of the semester, the outcome of the investigation is presented to the School both orally and in written form.
   Courses: IT40, IT35  Prerequisites: ITN100  Contact hours: By arrangement with the supervisor of the project. Minimum contact should consist of one meeting per week.  Credit points: 48 (24 per semester in consecutive semesters)

► ITN160 RESEARCH PLAN (MIT BY RESEARCH)
This unit is a research project. Normally, the unit will be followed by a master’s thesis (96 credit points). The unit itself complements ITN100, and gives students the opportunity to undertake one phase of the proposed research program. This unit allows students to acquire necessary skills in a problem domain, review the applications of other researchers, and to implement a component of the proposed research. The unit also exercises students in preparing a well-written research report.
   Courses: IT60  Prerequisites: ITN100  Contact hours: 3 per week  Credit points: 12

► ITN162 PROJECT (IS)
An appropriately sized problem is formulated in consultation with one or more project supervisors in either the School of Information Systems or the School of Computing Science and Software Engineering, and is usually associated with one of the research interests within the School. Students and supervisor must agree on a topic, scope and semester plan for the work to be attempted. At the end of the semester, the outcome of the investigation is presented to the School both orally and in written form.
   Courses: IT35, IT40  Prerequisites: Minimum of 48 credit points in core units

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Credit points: 24
Campus: GP Semester: 1, 2
► ITN172 PROJECT (IS) (PART-TIME)
An appropriately sized problem is formulated in consultation with one or more project supervisors, in either the School of Information Systems or the School of Computing Science and Software Engineering, and is usually associated with one of the research interests within the School. Supervisors and student must agree on a topic, scope and semester plan for the work to be attempted. At the end of the semester, the outcome of the investigation is presented to the School board for final approval.
Courses: IT35, IT40
Prerequisites: Minimum of 48 credit points in consecutive semesters
Credit points: 24 (12 per semester in consecutive semesters)
Campus: Semester: 1, 2
► ITN200 DATABASE SYSTEMS
The unit introduces you to: Fundamental information concepts; rules, facts, and database systems; Relational database theory; Implementing and manipulating databases; Building database systems; Capturing enterprise objectives, rule and policy in a database system.
Contact hours: 3 per week Credit points: 12
Campus: GP Semester: 1
► ITN201 ENTERPRISE ARCHITECTURE
The content of the unit introduces the Zachman enterprise architecture framework as the parent architecture, and then discusses its variations. The unit introduces the architecture lifecycle model, next along with the roles of the enterprise architect. This is followed by an examination of the four principal domains of an enterprise architecture: business architecture; application architecture; technology architecture and the information architecture. The related concepts of views (planner, builder, user, designer, etc) are then discussed. From this foundational understanding of the framework, a comparison of existing frameworks is presented by students. The unit closes with a series of guest lectures from industry.
Courses: IT38, IT45
Contact hours: 3 per week Credit points: 12
Campus: GP Semester: 1, 2
► ITN218 APPLICATIONS SYSTEMS ANALYSIS
Rapid Application Development (RAD) tools are increasingly dominating the development of commercial applications. This unit introduces some of the development methods for constructing information systems, the principles of using structured design techniques and the implementation of software using Object-Oriented Driven Programming (OODD) using Visual Basic.Net (VB.Net), a programming environment that is used extensively in industry. VB.Net is the latest development of the Visual Basic Programming language with complete Object Oriented Programming environment using Common Language Runtime. Information Technology graduates are required to understand these new developments, features and trends.
Courses: IT40, IT35, IT45, IT38
Prerequisites: IT45, IT38; ITN200, ITN600
Contact hours: 3 per week Credit points: 12
Campus: GP Semester: 1, 2
► ITN220 ISSUES IN IT MANAGEMENT
This unit explores aspects of Information Systems Technology judged to be of current or potential importance. Major topics will be matters relating to standards, emerging technologies as well as social and ethical considerations.
Courses: IT40, IT40, IT35, IT38
Prerequisites: ITN241
Contact hours: 3 per week Credit points: 12
Campus: GP Semester: 1
► ITN222 BUSINESS SYSTEMS ANALYSIS
To create a useful and useful Information System you must: establish the feasibility of the system, know and analyse the user’s require-ments; specify a suitable user interface; and make sure you use appropriate system development and project management methods. This unit seeks to give you an understanding, and practice in, the use of tools, techniques and methods used in the analysis and development of Information Systems. You will also learn about issues involved in the use of these tools, techniques, and methods, and how they are used in industry. You will have been able to developed to assure quality in the development of Information Systems.(subject to final approval)
Courses: IT38, IT45, IT35, IT38
Prerequisites: ITN201
Contact hours: 3 per week Credit points: 12
Campus: GP Semester: 1, 2
► ITN223 4GL SYSTEMS
Characteristics of 4GL development environments; Database creation and manipulation in a 4GL environment; Principles of report and screen design; Development of information systems in a 4GL environment.
Courses: IT40, IT35, IT45, IT38
Prerequisites: IT38, IT38; ITN200
Contact hours: 3 per week Credit points: 12
Incompatible with: ITB223
Campus: GP Semester: 1, 2
► ITN225 JAVA FOR E-COMMERCE
This unit covers the following topics: Java concepts; File and database processing; Web applications; and Distribution information systems (subject to final approval)
Courses: IT38, IT45, IT35, IT40
Prerequisites: IT38, IT45; ITN200
Contact hours: 3 per week Credit points: 12
Incompatible with: ITB223
Campus: GP Semester: 1
► ITN227 WEB APPLICATIONS
Courses: IT40, IT35, IT45, IT38
Prerequisites: IT45, IT38; ITN200, ITN600
Contact hours: 3 per week Credit points: 12
Campus: GP Semester: 1, 2
► ITN228 ENTERPRISE SYSTEMS
Courses: IT35, IT45, IT38
Prerequisites: IT38, IT45; ITN201
Contact hours: 3 per week Credit points: 12
Campus: GP Semester: 1, 2
► ITN233 ENTERPRISE SYSTEMS APPLICATIONS
Courses: IT38, IT45, IT35, IT40
Prerequisites: ITN228
Contact hours: 3 per week Credit points: 12
Incompatible with: ITN223
Campus: GP Semester: 1
► ITN235 DISTRIBUTED OBJECT INFORMATION SYSTEMS
Major topics will include aspects of object orient-ation, distributed and parallel systems (e.g., currency and performance), the space based programming paradigm, the JavaBoard implementation, and distributed object inter-actions. You will be expected to contribute to the group (and vice versa) through informal discussions of your research projects, from formulation to final (formal) presentation of research outcomes.
Courses: IT40, IT35 Prerequisites: ITN262
Contact hours: 3 per week Credit points: 12
Campus: GP Semester: 2
► ITN241 INFORMATION TECHNOLOGY ADMINISTRATION (PART-TIME)
This unit covers the following topics: E-business; System Procurement & Implementation Issues; Project Management; Business Information Outsourcing; Disaster Recovery Planning; Knowledge Management; Process Engineering; Change Management; IT Benefits Realisation. (subject to final approval)
Courses: IT40, IT35, IT45, IT38
Prerequisites: IT45, IT38; ITN201
Contact hours: 3 per week Credit points: 12
Incompatible with: ITN251
Campus: Semester: 1, 2
► ITN244 SPECIAL TOPIC 1A (RECORD SYSTEMS)
These units are designed to allow for the significant development of, or emphasis in, information systems not dealt with in other course units. Selected topics and study areas are offered as required and when the expertise is available. See School of Information Systems Announcements for details of topics being offered.
Courses: IT40, IT35, IT45, IT38
Contact hours: 3 per week Credit points: 12
Campus: GP Semester: 2
► ITN245 R/3 SYSTEMS ADMINISTRATION
R/3 is a fully integrated, off the shelf, open, client/server software system designed to manage all of the information needs of large enterprises. The efficient functioning of an enterprise utilising R/3 then can be directly related to the efficient functioning of the R/3 system. As it is the system administrator’s responsibility to ensure the efficient functioning of the R/3 system, this course will provide an introduction to the essential tasks of the R/3 systems administrator.
Courses: IT40, IT35, IT45, IT38
Prerequisites: ITN228
Contact hours: 3 per week Credit points: 12
Campus: GP Semester: 1, 2
► ITN246 MINOR PROJECT 1 (IS)
Students may pursue a specialised area or broaden their knowledge in an area of relevance to their employment. Topic is decided by agreement between the student and a staff member acting as supervisor. A short 20 minute demonstration and/or presentation will be required before the due date for submitting the report in last week of the semester.
Courses: IT40, IT35, IT45, IT38
Prerequisites: 48 credit points in relevant post-graduate units
Contact hours: By arrangement with the supervisor of the project. Minimum contact should consist of one meeting per week.
Credit points: 12
Campus: GP Semester: 1, 2
► ITN248 MINOR PROJECT 2 (IS)
Students may pursue a specialised area or broaden their knowledge in an area of relevance to their employment. Topic is decided by agreement between the student and a staff member acting as supervisor. A short 20 minute demonstration and/or presentation will be required before the due date for submitting the report in the last week of the semester.
Courses: IT40, IT35, IT45, IT38
Prerequisites: 48 credit points in relevant post-graduate units
Contact hours: By arrangement with the supervisor of the project. Minimum contact should consist of one meeting per week.
Credit points: 12
Campus: GP Semester: 1, 2
► ITN252 PROCESS ENGINEERING
UNIT SYNOPTES


Courses:
- IT35/IT40, IT35, IT45

Prerequisites:
- ITN228

Contact hours: 3 per week Credit points: 12
Campus: GP Semester: 1, 2

1. ITN253 CASE STUDIES IN ENTERPRISE SYSTEMS

Industry projects which relate to information systems selection, process engineering, outsourcing; implementation issues (such as business process reengineering, benefits realisation and change management), alignment issues, relationship management.

Courses:
- IT35, IT40, IT38, IT45

Prerequisites:
- ITN252

Corequisites:
- ITN228, ITN233

Contact hours: 3 per week Credit points: 12
Incompatible with: ITN282
Campus: GP Semester: 1, 2

1. ITN255 KNOWLEDGE MANAGEMENT

The unit focuses primarily on three main areas of understanding: knowledge management fundamentals, knowledge management for IS consulting practices; knowledge strategies used to support IS operations; content will be drawn from current knowledge management literature and other research carried out in the Information Systems Management Research Group (ISMRG) at QUT.

Courses:
- IT38, IT45, IT35, IT40

Prerequisites:
- ITN254

Contact hours: 3 per week Credit points: 12
Incompatible with: ITN266
Campus: GP Semester: 1, 2

1. ITN257 MULTIMEDIA SYSTEMS

Multimedia Authoring: Cognitive aspects of multimedia; The Media Elements; Still images, vector images and text; Video and animation; Sound (wave form, MIDI, voice); Compression and transmission of multimedia; Hypermedia; Client/Server considerations for multimedia delivery; Programming development for multimedia; Combining media; The Future in Multimedia.

Courses:
- IT38, IT45, IT30, IT45

Prerequisites:
- ITN227

Contact hours: 3 per week Credit points: 12
Incompatible with: ITB257
Campus: GP Semester: 1, 2

1. ITN259 ADVANCED MULTIMEDIA SYSTEMS

This unit extends your knowledge of interactive multimedia system technologies including image, sound and video technologies; advances in 3D, virtual reality, wireless devices and delivery systems. The unit provides you with the knowledge required to keep up to date with existing and future technical problems, and integrate this knowledge in a team environment by creating an interactive multimedia system for a single client. It has a significant hands-on practical focus, due to the nature of the subject.

Courses:
- IT40, IT35

Prerequisites:
- ITN257

Contact hours: 3 per week Credit points: 12
Incompatible with: ITB259
Campus: GP Semester: 1, 2

1. ITN260 E-COMMERCE SITE

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, IT35, IT30, IT45

Prerequisites:
- ITN227

Contact hours: 3 per week Credit points: 12
Incompatible with: ITB260
Campus: GP Semester: 1, 2

1. ITN262 E-COMMERCE TECHNOLOGIES

This unit provides an introduction to some of the information technologies being used to support electronic commerce. In particular, it will cover Java-based Technologies, including JDBC, servlets, and Java Server Pages, and XML-based technologies, including XSL. The unit will also cover a number of applications of electronic commerce, including electronic services and auctions.

Courses:
- IT38, IT45, IT35, IT40

Prerequisites:
- ITN227

Contact hours: 3 per week Credit points: 12
Campus: GP Semester: 1, 2

1. ITN263 WEB INTELLIGENCE FOR E-BUSINESS

The notions of autonomous agents, the Belief-Desire-Intention agent model, Web-based intelligent information agents, agent-mediated electronic commerce, collaborative filtering in Recommender systems, data mining methods for Web content analysis, clustering algorithms for Web usage monitoring, statistical approaches for users’ profiling, automated negotiation methods.

Courses:
- IT35, IT45, IT30

Prerequisites:
- Basic knowledge in sets, functions, and predicates; and basic Java 2 programming skills

Contact hours: 3 per week Credit points: 12
Campus: GP Semester: 1, 2

1. ITN265 MANAGEMENT OF INFORMATION PROGRAMS

The application of management techniques has become increasingly important in Call Centres, Help Desk Centres, Libraries, IT consultancy firms, and many other information agencies. This unit introduces students to the ways in which generic management principles strategic planning, strategic marketing, principles of leadership, motivation and effective organisations amongst other aspects are applied to achieve best practice contemporary information agencies. Theoretical perspectives and the adoption of a case studies approach are combined to consider practical issues in different types of information agencies.

Courses:
- IT25

Contact hours: 3 per week Credit points: 12
Incompatible with: ITB265
Campus: GP Semester: 1

1. ITN266 PRINCIPLES OF INFORMATION MANAGEMENT

Characterisation of information management at three levels of interpretation: technical, analytical and strategic. The continuum of information utilisation at the operational level involving, creation, distribution, organisation, retrieval, presentation, disposition. Meta-information standards for information management such as protocols for markup, transfer, organisation and query. Analytical input and output focusing on the identification and evaluation of enterprise information resources. Strategic information management focusing on the development and administration of resource utilisation. Exploration of the various stages involved in the development of in-house information strategies, policies and systems with reference to information as resource.

Courses:
- IT25, IT40, IT35, IT45, IT38

Prerequisites:
- IT43, IT38, ITN201

Contact hours: 3 per week Credit points: 12
Incompatible with: ITB266
Campus: GP Semester: 1, 2

1. ITN268 SPECIAL TOPIC 1B

This unit is designed to allow for the significant development of, or emphasis in, information systems not dealt with in other course units. Selected topics and study areas are offered as required and when the expertise is available. See School of Information Systems announcements for details of topics being offered.

Courses:
- IT35, IT45

Contact hours: 3 per week Credit points: 12
Campus: GP Semester: 1, 2

1. ITN269 SPECIAL TOPIC 2B

This unit is designed to allow for the significant development of, or emphasis in, information systems not dealt with in other course units. Selected topics and study areas are offered as required and when the expertise is available. See School of Information Systems announcements for details of topics being offered.

Courses:
- IT30, IT45

Credit points: 12

1. ITN282 PROJECT IN ENTERPRISE SYSTEMS

Case study processes, II) Writing a literature review, III) Undertaking analysis, and IV) Writing a case study

Courses:
- IT30, IT93

Prerequisites:
- ITN283 or subject to approval of Course Coordinator

Credit points: 12

1. ITN330 INFORMATION ISSUES

Trends examines the Information Society where emerging relevant technologies allow considerable power to individuals, companies and governments in acquiring, processing, communicating and using information. These changes also underscore the need for greater understanding of where and how IT (and other information provision) are expected to formulate and exercise appropriate standards of professionalism and ethical conduct. Learning content relates to contemporary issues linked to the professional Codes of the Australian Computing Society, the Australian Library & Information Society, and similar professional bodies.

Courses: IT38, IT45

Prerequisites: To have completed units in programming, rational database theory and systems development techniques

Contact hours: 3 per week Credit points: 12
Incompatible with: ITB330

Campus: GP Semester: 1, 2

1. ITN335 DIGITAL LIBRARIES

The development of automated library systems based upon analysis of subsystems such as acquisitions, circulation, cataloguing, reference and information retrieval and special collections control; standards for description, distribution and retrieval of information in such systems; integration of subsystems, links of systems; networking and organisation of document delivery, access to digital collections, knowledge representation and information retrieval from databases and resource discovery within a coordinated framework; digitisation programs and their management.

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UNIT SYNOPSIS

Courses: IT25  Contact hours: 3 per week  Credit points: 12  Incompatible with: ITB337  Campus: GP  Semester: 1  
► ITN336 INFORMATION SOURCES 1  
This unit introduces you to the field of reference work in libraries and information centres. Given the enormous amount of information available in print, in bibliographic databases and on the World Wide Web, you will develop a critical understanding of the range of information resources currently available. You will also consider how future trends in publishing may impact on reference and information services. Specifically, you will explore and evaluate primary, secondary and tertiary levels of sources covering a variety of disciplines and interest areas.
  
Courses: IT25  Contact hours: 3 per week  Credit points: 12  Campus: GP  Semester: 1  
► ITN337 INFORMATION ORGANISATION 1  
Principles and strategies for organising information; the nature of information; theory of indexing and classification; the structure of bibliographic databases and bibliographic records; international standards for information organisation; subject heading lists; library catalogues; indexing and abstracting services; and bibliographic databases and networks; adopting a client/approach to knowledge organisation; developing personal heuristics for accessing unfamiliar technologies.
  
Courses: IT25  Contact hours: 3 per week  Credit points: 12  Incompatible with: ITB337  Campus: GP  Semester: 1  
► ITN338 INFORMATION RESOURCES PROVISION  
This unit introduces you to the relationship between information resource provision and community information needs. You will analyse and evaluate the various media and formats used to professional purposes. You will also consider current publishing trends to develop your understanding of the selection and acquisition of information resources for specific types of information agency. Issues relating to the purchase, licensing and retention of print and electronic resources are explored within the context of the dynamic information environment. You will investigate the role of the collection policy documents, collection evaluation techniques, inter-agency resource sharing and collaborative purchasing arrangements.
  
Courses: IT25  Contact hours: 3 per week  Credit points: 12  Incompatible with: ITB338  Campus: GP  Semester: 2  
► ITN339 PROFESSIONAL PRACTICE  
This unit provides you with the opportunity to experience real professional working environment, as well as to explore, through a seminar series, many of the issues that have an impact upon professionals working in information agencies. The unit provides a contemporary perspective of the role of libraries and information agencies and the role that you, as an information professional, can play if you work in these areas. You will be encouraged to consider your own knowledge, skills and abilities as you develop a professional portfolio. You will also complete two fieldwork placements of fifteen days each. You will organise your placements, in conjunction with your supervisor.
  
Courses: IT25  Prerequisites: ITN336, ITN337  Contact hours: 2 per week, plus 2 x 3 week placements  Credit points: 12  Incompatible with: ITB339  Campus: GP  Semester: 2  
► ITN347 INFORMATION MANAGEMENT PROJECT 2  
Students may pursue a specialised area or broaden their knowledge in areas of relevance to their employment. Topic is decided by agreement between the student and a supervising staff member.
  
Courses: IT25, IT34, IT38, IT4T, IT25  Prerequisites: Completion of Block 1 units, ITN343  Credit points: 12  Campus: GP  Semester: 1, 2  
► ITN348 INFORMATION MANAGEMENT PROJECT 3  
Students may pursue a specialised area or broaden their knowledge in areas of relevance to their employment. Topic is decided by agreement between the student and a supervising staff member.
  
Courses: IT25, IT4T, IT38, IT4T0, IT35  Prerequisites: Completion of Block 1 units and ITN343  Credit points: 12  Campus: GP  Semester: 1, 2  
► ITN369 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 with contemporary information environments. Different approaches to information literacy and information literacy education will be considered, and ways of conceiving teaching and learning will be explored.
  
Courses: IT25  Prerequisites: ITN336, ITN337  Contact hours: 3 per week  Credit points: 12  Campus: GP  Semester: 2  
► ITN600 PROGRAMMING PRINCIPLES  
Information Technology students need a fundamental knowledge of programming and an understanding of the processes and issues involved in the development of software. Graduates will most likely be required to work with programmers at some time in their career. Therefore, they need to understand the challenges and constraints that arise in the software development process. This unit will provide students with a basis for the further acquisition of programming knowledge and skills and is a prerequisite for subsequent units in Software Engineering. Data Communications and Information Systems. (Subject to final approval)
  
Courses: IT38, IT4T5  Contact hours: 3 per week  Credit points: 12  Incompatible with: ITN410  Campus: GP  Semester: 1, 2  
► ITN601 SYSTEMS AND NETWORKS  
Computer Systems and communications networks are fundamental to the activities of modern organisations. Hence all students completing a course in Information Technology will be expected by employers to have a firm understanding of the terminology and concepts of computer systems, communications networks and systems software. The unit introduces students to computer systems, communications network technologies, and systems software. The unit also introduces the student to other specialisations and the further acquisition of knowledge, skills and abilities required by employers in the fields of data communications and software engineering. (Subject to final approval)
  
Courses: IT38, IT4T  Contact hours: 3 per week  Credit points: 12  Incompatible with: ITN412  Campus: GP  Semester: 1, 2  
► ITN662 DATA STRUCTURES AND ALGORITHMS  
Professional programmers are expected to have a sound understanding of the abstract concepts used in the development of medium to large scale software systems. This unit will provide students with a repertoire of algorithms and concepts, enabling them to develop and maintain computationally efficient software systems. (Subject to final approval)
  
Courses: IT40, IT35, IT4T, IT38  Prerequisites: ITN414, ITN600  Contact hours: 3 per week  Credit points: 12  Incompatible with: ITN414  Campus: GP  Semester: 1, 2  
► ITN661 OBJECT ORIENTED PROGRAMMING  
Object-orientation is one of the most successful paradigms for the implementation of software systems. As a graduate from a course in Information Technology you require a solid grounding in object technology. This unit introduces students to the fundamental ideas and basic concepts associated with object orientation.

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of the fundamentals of computer systems and networks. (Subject to final approval) Courses: IT45, IT38, IT35
Prerequisites: IT45, IT38, ITN601 Contact hours: 3 per week Credit points: 12
Incompatible with: ITN525 Semester: 1, 2

UNIT 667 INTERNET PROTOCOLS AND SERVICES
Graduates in software engineering and data communications require an understanding of the theoretical and practical concepts of network services and communication. Networks based on the TCP/IP Protocols are the framework for most user networking activities today. This unit assumes students have a basic understanding of networking and an understanding of computer programming. Theory and practical skills taught in this unit will be useful for students intending to study advanced Data Communications units. (Subject to final approval) Courses: IT45, IT38, IT40, IT35
Prerequisites: IT45, IT38, ITN600, ITN601 Contact hours: 3 per week Credit points: 12
Incompatible with: ITN524 Semester: 1, 2

UNIT 670 SECURITY TECHNOLOGIES
Students undertaking this unit will gain an awareness of almost all forms of industry. Information systems and networks must be adequately defended against a wide range of threats to the availability, integrity and confidentiality of information. This advanced unit provides students with the knowledge necessary to analyse and investigate various types of security systems and technologies that can be used, either individually or in combination, to protect against attacks. As an understanding of the broader issues is necessary, this unit will also examine the wider implications of the use of particular security technologies. (Subject to final approval) Courses: IT40, IT35, IT45, IT38
Prerequisites: ITN663 Contact hours: 3 per week Credit points: 12
Incompatible with: ITN567, ITN580 Semester: 1

UNIT 671 WIRELESS NETWORKS
This unit builds on the foundations established by generic data communications units and applies the theory to a more specialised field. Wireless communications is rapidly becoming a more and more significant data communications technology and an important part of everyday life for both organisations and individuals. The ability to access information from wherever you are is becoming a necessity and will be one of the major characteristics of the present and foreseeable future. This specialised unit will give students the knowledge to understand the principles of wireless and mobile communications and also to design wireless and mobile communication systems. Courses: IT38, IT45, IT35, IT40 Prerequisites: ITN667 Contact hours: 3 per week Credit points: 12 Semester: 2

UNIT 673 COMPUTER FORENSICS
This unit focuses on the principles, which should direct the collection, analysis and presentation of the digital evidence available to an investigator, and the techniques that are used in order to ensure that those principles are met. IT professionals and those with a responsibility for computer security, are increasingly required to gather, analyse and present evidence of computer crime. To undertake this unit you should have already achieved a sound foundation in computer software, computer communications, and computer security thus enabling you to relate to the practical experience of computer forensics, which builds on that foundation. Courses: IT35, IT40, IT38, IT45 Contact hours: 3 per week Credit points: 12
Incompatible with: ITN663, ITN660, ITN667 Semester: 1, 2

UNIT 674 MINOR PROJECT 1 (SEDC)
Students graduating from a course in Information Technology are expected by employers to be able to complete on a medium size programming project. This project unit allows you to further develop your software development skills and put into practice the knowledge acquired in more theoretical units. Courses: IT38, IT45, IT35, IT40 Prerequisites: 48 credit points in relevant postgraduate units Contact hours: 3 per week Credit points: 12 Semester: 1, 2
Incompatible with: ITN446, ITN576 Semester: 1, 2

UNIT 675 MINOR PROJECT 2 (SEDC)
Students graduating from a course in Information Technology are expected by employers to be able to complete on a medium size programming project. This project unit allows you to further develop your software development skills and put into practice the knowledge acquired in more theoretical units. Courses: IT38, IT45, IT35, IT40 Prerequisites: 48 credit points in relevant postgraduate units Contact hours: 3 per week Credit points: 12 Semester: 1, 2
Incompatible with: ITN446, ITN576 Semester: 1, 2

UNIT 676 SOFTWARE QUALITY MANAGEMENT
The modern software development industry recognizes a need for deliberate and carefully planned software quality management. It is increasingly important for companies to become accredited to a recognized standard of quality management. This unit covers software quality management and gives particular emphasis to the ISO 9001 standard for quality management systems, which is widely used in Australia and around the world. Courses: IT35, IT40, IT38, IT45 Prerequisites: ITN662 Contact hours: 3 per week Credit points: 12 Semester: 2
Incompatible with: ITN454 Semester: 2

UNIT 677 INTERNATIONALISATION OF SOFTWARE
Software is now a global market, and developers need to be able to produce applications which can be used in many different cultures and nations. There is a significant body of enabling technology which allows efficient and cost effective development of applications which can be used in diverse contexts. Understanding the principles and the technologies involved in Internationalisation and Localisation is essential for companies seeking to go global or that are already global. Courses: IT40, IT35, IT45, IT38 Prerequisites: ITN662 Contact hours: 3 per week Credit points: 12 Semester: 1
Incompatible with: ITN454 Semester: 2

UNIT 678 PROJECT (SEDC) - FT
Students graduating from a course in Information Technology are expected by employers to be able to complete on a medium size programming project. This project unit allows you to further develop your software development skills and put into practice the knowledge acquired in more theoretical units. Courses: IT35, IT40, IT38, IT45 Prerequisites: ITN664 Contact hours: 3 per week Credit points: 12 Semester: 1, 2

UNIT 679 PROJECT (SEDC) - PT
Students graduating from a course in Information Technology are expected by employers to be able to complete on a medium size programming project. This project unit allows you to further develop your software development skills and put into practice the knowledge acquired in more theoretical units. Courses: IT35, IT40, IT38, IT45 Prerequisites: ITN664 Contact hours: 3 per week Credit points: 12 Semester: 1, 2

UNIT 681 TRUSTED SYSTEMS AND NETWORKS
Information systems must be protected against misuse in order to protect essential information assets. Users should be able to rely upon the trustworthiness of the hardware, software and communication networks comprising these information systems. Such trustworthiness in turn should be derived from sound security design, and evaluation mechanisms assessing the effectiveness of security design and implementation. This unit enables you to identify the essential features of such trusted security design and evaluation. You are provided with an overview of trusted system design and the background to internationally recognised evaluation and certification frameworks. Courses: IT35, IT40 Prerequisites: ITN663 Contact hours: 3 per week Credit points: 12 Semester: 1
Incompatible with: ITN531 Semester: 1

UNIT 682 ADVANCED CYBER SECURITY
Cybersecurity forms a core discipline in the study of information security. This unit concentrates on the latest developments in cryptography. This is a highly specialised unit with the intention of preparing Honours and Postgraduate students for research in cryptography. Courses: IT35, IT40 Prerequisites: ITB640 Contact hours: 3 per week Credit points: 12 Semester: 1
Incompatible with: ITN556 Semester: 2

UNIT 683 COMPILER CONSTRUCTION
An understanding of compiler technology is useful, not only for people wanting to develop new compilers, but to all computer professionals. This unit introduces language-processing techniques that students can apply to a wide range of applications, not just compilers. More importantly, this unit fills in a missing link in the programming process, moving from bytecode to assembly code down to how they are ultimately implemented at the electrical circuit level. Students must have an understanding of compiler technology in order to have a thorough understanding of how computer systems work. An understanding of compiler technology also leads to a better appreciation of programming language semantics. (Subject to final approval) Courses: IT40, IT33 Contact hours: 3 per week Credit points: 12 Semester: 2
Incompatible with: ITN464 Semester: 1

UNIT 684 PATTERN RECOGNITION AND DATA MINING
The growing interest in data mining is motivated by a common problem across disciplines: how does one store, access, model, and ultimately does one store, access, model.
UNIT SYNOPTES

Courses: IT53, IT40
Prerequisites: ITN100, 84 credit points in relevant postgraduate units
Credit points: 48
Incompatible with: IT N144, ITN145
Campus: ➤ Semester: 1, 2

ITN686 MAJOR PROJECT (SEDC) - PT
Students graduating from a course in Information Technology are expected by employers to be able to demonstrate knowledge and skills and is a pre-requisite for subsequent units in Software Engineering. This project unit allows you to further develop your software development skills and put into practice the knowledge acquired in more theoretical units.

Courses: IT35, IT40
Prerequisites: ITN100, 84 credit points in relevant postgraduate units
Credit points: 48
Incompatible with: ITN154, ITN155
Campus: ➤ Semester: 1, 2

ITX001 COOPERATIVE EDUCATION PROGRAM
This unit introduces you to an IT workplace through a paid placement, normally of approximately twelve months duration. Through this placement you will gain a valuable insight into the role of an IT professional and the demands of the workplace. The unit is positioned in your course to build on the campus-based theoretical and practical experiences in the IT disciplines and to enable you to make an informed choice as to the remaining units to complete in your course. Not available to International students due to visa restrictions.

Courses: IT21, IF29, IF38, IF48, IF58, IF59, IF79, IF90, IX09, IT45
Credit points: 12
Incompatible with: ITB906
Campus: GP ➤ Semester: 1, 2

ITZ211 SYSTEMS ANALYSIS AND DESIGN

Courses: IT34 (Offshore offering)
Contact hours: 3 per week
Credit points: 12
Incompatible with: ITB222, ITN211, ITB231
Semester: 1

ITZ212 INFORMATION MODELLING FOR DATABASES
A database system may be viewed as a computer model that is composed of complex, long-lived information structures. This unit introduces the idea that, to be properly understood, a computer model must be formally specified. A specification language, in the form of the Z notation, is used to formulate unambiguous requirements for a database model. The entity-relationship (ER) approach is used to provide a graphical perspective on the model, which will be implemented via SQL. This is a foundation unit for the further study of database and information systems theory and practice.

Courses: IT34 (Offshore Offering)
Contact hours: 3 per week
Credit points: 12
Incompatible with: ITN212, ITB212
Semester: 2

ITZ600 PROGRAMMING PRINCIPLES
As an Information Technology student you will need a fundamental knowledge of programming and an understanding of the processes and issues involved in the development of software. When you graduate, you will most likely be required to work with programmers at some time in your career; therefore you need to understand the constraints that arise from the software development process. This unit will provide you with a basis for the further acquisition of programming skills and will form a pre-requisite for subsequent units in Software Engineering. Data Communications and Information Security.

Courses: IT42 (Offshore offering)
Credit points: 12
Semester: 1

ITZ601 SYSTEMS AND NETWORKS
Computer Systems and communications network work are fundamental to the activities of modern organisations. Hence all students completing a course in Information Technology will be expected by employers to have a firm understanding of the terminology and concepts of computer systems, communications networks and systems software. This unit introduces you to computer systems, communications network technologies, and systems software. The unit also serves as an entry point to further specialised studies in the fields of data communications and software engineering.

Courses: IT42 (Offshore offering)
Credit points: 12
Semester: 1

JSB311 FRAMING SOCIAL JUSTICE
The Justice Studies degree is about producing competent justice professionals. In order to achieve this purpose, this degree combines knowledge of the criminal justice system with an understanding and appreciation of the complexities of social justice. The purpose of this unit is to introduce students to the structural parameters of social justice.

Courses: JS31, LW41, LW42
Contact hours: 3 per week
Credit points: 12
Incompatible with: JSB101, JSB107
Campus: KG, EXT ➤ Semester: 1

JSB312 PROFESSIONAL SKILLS
The effectiveness of professionals is measured by their ability to communicate and investigate, and it is these two skills which form the basis for much of the day to day work performed by law and justice and social workers. This unit introduces basic skills in research and written and oral communication in order to lay a successful foundation for academic and professional achievement.

Courses: JS31, LW42, LW41
Contact hours: 3 per week
Credit points: 12
Incompatible with: JSB102, JSB107
Campus: KG, EXT ➤ Semester: 1

JSB313 LAW AND GOVERNMENT
The justice professions have as their common factor an involvement to the processes of law, and particularly the administration of law and law enforcement. The increasing role of governments in law-making is a significant feature of modern times. This unit introduces you to the concepts of law and government. It examines the role of government in making and administering the law and encourages you to start thinking critically and analytically about legal, political and justice issues. Law and government provides those of you who intend to work in the criminal justice system with a foundation framework of key legal and political information and knowledge. You will use this knowledge to inform your own studies and in your future professional careers.

Courses: JS31
Contact hours: 3 per week
Credit points: 12
Incompatible with: JSB103, JSB107
Campus: KG, EXT ➤ Semester: 1

JSB314 SOCIAL ETHICS AND THE JUSTICE SYSTEM
It is essential for those working in the justice system to be able to competently and confidently work at the borders between ethics and the law. Ethical ability will enable practitioners to critically assess the moral status of current laws, to interpret acceptable standards of behaviour in situations not covered by law, and to develop a shared understandings of moral responsibility in justice organisations and the wider community.

Courses: JS31, LW42, LW41
Contact hours: 3 per week
Credit points: 12
Incompatible with: JSB102
Campus: KG, EXT ➤ Semester: 1

JSB315 UNLOCKING CRIMINAL JUSTICE
The Justice Studies Degree is about producing competent Justice Professionals. In order to achieve this purpose, this degree combines knowledge of the criminal justice system with an understanding and appreciation of the complexities of social justice. This unit in particular focuses on the theoretical and practical relationship between social justice and criminal justice by examining not only the concepts of human rights, social justice and inequality, but also the inability of students to apply this knowledge to a series of practical situations. This application happens through the lectures and tutorials as well as within the assessment.

Courses: JS31, LW41, LW42
Contact hours: 3 per week
Credit points: 12
Incompatible with: JSB202, JSB015
Campus: KG, EXT ➤ Semester: 2

JSB316 FORENSIC PSYCHOLOGY AND THE LAW
Forensic Psychology is readily acknowledged as one of the fastest growing areas of psychology in the world. Psychologists are now involved significantly in policing, relatively in forensic procedures and correctional processes. The term 'forensic' literally means 'of or used in law courts' (Australian Oxford Paperback Dictionary). The term 'Forensic Psychology', however, is now used more generally to include the contribution of psychology and psychologists across the three criminal justice domains of the police, the courts, and corrections. By its very nature forensic psychology draws from a wide multidisciplinary base for the application of its specialised knowledge.

Courses: JS31, LW42, LW41
Contact hours: 3 per week
Credit points: 12
Incompatible with: JSB216, JSB017
Campus: KG, EXT ➤ Semester: 2

JSB317 POLITICS OF LAW
In the Politics of Law you will develop your knowledge and understanding of legal and criminal justice processes. This knowledge is important because it will inform your study of all the units in the course and equip you with the necessary understandings to enter employment in the Justice System. The unit will also provide you with knowledge necessary to act responsibly as an informed citizen in Australian society. In addition to an understanding of criminal justice related issues, this unit helps you to build on your understanding of the relationship between law and society, as well as develop problem-solving skills appropriate to a legal and justice context.

Courses: JS31
Contact hours: 3 per week
Credit points: 12
Incompatible with: JSB216, JSB017
Campus: KG, EXT ➤ Semester: 2

JSB318 CRIMES OF VIOLENCE
To work as justice professionals in areas related to the criminal justice system or human rights, Justice students need an understanding of fundamental principles of criminal law and of social issues related to criminal law. Of particular importance for these students is an understanding of the legislative framework of the Australian Criminal Code. The term ‘crimes of violence’ includes all acts of violence, particularly the administration of law and law enforcement. The increasing role of governments in law-making is a significant feature of modern times. This unit introduces you to the concepts of law and government. It examines the role of government in making and administering the law and encourages you to start thinking critically and analytically about legal, political and justice issues. Law and government provides those of you who intend to work in the criminal justice system with a foundation framework of key legal and political information and knowledge. You will use this knowledge to inform your own studies and in your future professional careers.

Courses: JS31
Contact hours: 3 per week
Credit points: 12
Incompatible with: JSB201, JSB002
Campus: KG, EXT ➤ Semester: 2

JSB319 UNDERSTANDING CRIMINOLOGY
This unit deals with formal criminological theories of crime and crime control. Particular attention is drawn to various concepts, assumptions and propositions contained in criminological theories and the contribution which criminological knowledge has made to advancing our understanding of crime and crime control. Criminological theories are viewed as integral to a range of criminal justice practices and the regulation and control of particular ‘problem populations’. The unit develops an analytical framework in order to critically assess the epistemological claims and assumptions in all formal articulations of criminological theory.

Courses: JS31, LW41, LW42
Contact hours: 3 per week
Credit points: 12
Incompatible with: JSB107, JSB018
Campus: KG, EXT ➤ Semester: 1

JSB322 YOUTH JUSTICE
This unit addresses the inextricable way in which a ‘youth crime problem’ is constructed and the implications of this for particular cohorts of young people in contemporary Australia. It is also concerned with the administration and man-
agrement of youth crime through formal systems designed to prevent and reduce unlawful acts. People can also be drawn to the legal development of youth justice in Australia and to the changing nature of youth crime control across jurisdictional, political, and institutional articulations of youth crime control are examined in relation to Queensland’s system of youth justice, particularly for young indigenous people, young women and those from various social classes and ethnic groups.

Courses: JS31, LW41, LW42
Contact hours: 3 per week Credit points: 12
Semester: 1

► JSB233 CRIME AND COMMUNITY CORRECTIONS

Prisons are the visible tip of the iceberg of punishment and correction in our society - Community Corrections is the beneath-the-surface bulk. The ratio of persons in prison to persons on Community Corrections Orders, across Australian jurisdictions, is approximately 1 to 3. Even though a significant proportion of those under Community Correction supervision are fine defaulters (and have committed only minor offences), in the case that a significant majority of those labelled ‘deviant’ by our police and judicial systems never go to prison. How did we get to that point? We need to understand the philosophical and ideological evolution of probation, parole and other alternative sanctions if we are to understand current community corrections systems.

Courses: JS31, LW41, LW42
Credit points: 12
Semester: 2

► JSB241 INTRODUCTION TO INVESTIGATIONS AND POLICING

As a law enforcement professional in a changing nature of society and the criminal justice system various investigatory agencies have been established to deal with the designated investigations as well as providing evidence of any accompanying legislation. As the police make up a major part of the Criminal Justice System, it is the police who predominantly instigate criminal justice procedure which follow on to involve other components of the Criminal Justice System. Due to the diversity of both public and private agencies becoming involved in the investigative process it is important that students grasp an understanding of the machinery of this process.

Courses: JS31, LW41, LW42
Contact hours: 3 per week Credit points: 12
Semester: 1

► JSB242 CRIMINAL LAW IN CONTEXT

This unit examines how professionals in areas related to the criminal justice system or human rights, Justice students need an understanding of fundamental principles of criminal law and of social justice issues related to criminal law. Those students undertaking the Investigations, Intelligence and Policing major need to understand issues of criminal procedure and due process as well as specific contexts of criminal law.

Courses: JS31, LW41, LW42
Credit points: 12
Semester: 2

► JSB243 INTELLIGENCE LED POLICING

Intelligence is increasingly taking a leading role in investigations with analysts setting a direction for criminal investigation teams. The unit examines the roles and support to government, the private sector and the community. Intelligence offers an advantage through the provision of accurate and timely advice. Intelligence requires proficient, innovative thinking strategies and skills, interpersonal effectiveness skills, teamwork and application of intelligence process methodologies.

Courses: JS31, LW41, LW42
Contact hours: 3 per week Credit points: 12

► JSB250 POLICY, GOVERNANCE AND JUSTICE

Many important public policies concern issues of law and justice. As Justice professionals, you may very likely be required to think strategically about future careers in the development, analysis or implementation of criminal and social justice policies. Your involvement may directly through government or through the community sector and interest groups. A theoretical and practical understanding of good policy making and the role of law and politics can provide a distinct advantage for both your career and citizenship roles.

Courses: JS31, LW41, LW42
Contact hours: 3 per week Credit points: 12
Semester: 1

► JSB252 CITIZENSHIP AND JUSTICE

Society demands certain responsibilities from people once they become adults. Legal rights and responsibilities apply to adult citizens in our society whether they engage in social relations. Some of the most important of these rights and responsibilities involve the law and occur in the areas of property, family, employment and social welfare. This subject is concerned with an analysis of the legal rights and responsibilities of adult citizens in Australia and the competing property, being involved in relationships, being employed or unemployed, and receiving welfare from the government.

Courses: JS31, LW41, LW42, ED50
Credit points: 12
Semester: 2

► JSB253 WATCHDOGS: WARRIORS, WIMPS AND WATCH-HUNTS

Recent growth of government activity and regulation means that many people have been granted to non-elected officials and the agencies they are employed by, often to perform an oversight role on public administration. Justice professionals need to know the range of roles they have with such watchdog roles, and their powers and responsibilities. A good understanding of the theoretical and political framework within which the investigative and other powers of oversight agencies are exercised and utilised is important for those who may need to evaluate or critique the powers of such watchdogs.

Courses: JS31, LW42, LW41
Credit points: 12
Semester: 1

► JSB331 PRISONS AS INDUSTRY

The modern Western prison has a two hundred year history. That history follows no Darwinian logic. Instead, it fits and starts, it lurches forward and leaps backwards, seemingly often at the individual whim of powerful bureaucrats rather than in response to any dominant public discourse of the time. What does the near future hold? More prisons, less prisons or none? The technological push, increasing privatisation and expanding captive labour forces all have implications for the future of the prison. To what extent will political and economic imperatives, rather than social discourse, dictate the future of our prisons? This unit sets out to examine the future of punitive incarceration.

Courses: JS31, LW41, LW42
Credit points: 12
Semester: 1

► JSB332 CRIME CONTROL AND GOVERNANCE

This unit deals with the way in which crime control is administered in western neo-liberal states, with particular reference to Australia. Based on a critical criminological perspective, the unit considers contemporary ‘cultures of crime control’ as experienced through a governmental approach to the attempted management of ‘problem populations’ in the neo-liberal state.

Courses: JS31, LW41, LW42
Credit points: 12

► JSB333 RESPONDING TO CRIME

Current directions in research on the ‘crime problem’, based in developmental and cognitive psychology, outline a complex web of intervention and treatment strategies. This shift from a repressive crime control model to a proactive crime prevention model, has been evidenced in new roles for both professionals and level in Australia and elsewhere. Students intent upon working in the criminological field need to fully understand both the strengths and weaknesses of these new approaches. Most important however, will be the implications of such a major shift in the control of ‘criminal populations’, which is well beyond the scope of the traditional criminal justice system.

Courses: JS31, LW41, LW42
Credit points: 12
Semester: 2

► JSB341 INVESTIGATIONS, EVIDENCE AND POLICE POWERS

Students undertaking to undertake employment within the Justice System need to be introduced to a core component of that System, namely, the investigation, evidence collection and police powers. This unit will provide a comprehensive knowledge base of some of the principles, concepts and selected evidentiary components. Together with an understanding and application of these principles, concepts and rules to selected situations will ensure a better analysis and appreciation of the workings of the Criminal Justice System as a whole.

Courses: JS31, LW42, LW41
Credit points: 12
Semester: 2

► JSB342 ORGANISED CRIME

The apparent growth of organised crime, both nationally and internationally, in recent years has resulted in a deepening commitment on the part of law enforcement agencies to its suppression. Although not confined to the association with illicit drugs, the so-called drug trade is a major enterprise behind the proliferation of organised crime. Another consequence of organised crime is the development of corruption through the diverse levels of society. Students therefore will gain an understanding of the historical development, social perceptions and consequences and the perceived extent of organised crime.

Courses: JS31, LW41, LW42
Credit points: 12
Semester: 2

► JSB343 FUTURE POLICING STRATEGIES

The role of policing has changed considerably since its inception. The last decade or so has been particularly transient. The enforcement emphasis that was previously promulgated has been redefined towards service to the community and problem solving in collaboration with the community, not wholly resting with the police agencies. In addition, the advances in technology and overall societal changes have also impacted on the role of policing within contemporary society. On this basis students undertaking this unit will be exposed to professional and ethical issues that require further debate and analysis as we move into the 21st century.

Courses: JS31, LW41, LW42
Credit points: 12
Semester: 2

► JSB351 ADMINISTRATIVE JUSTICE

The unit will present Australian and compare and contrast the understanding and rules of administrative law as well as the underlying philosophy of administrative justice. This will be undertaken in the public sector understanding the rules that underlie their decision making as well as the avenues of appeal from any decision they make. Those working in the community sector need to know how to question
UNIT SYNOPSES

administrative decisions and actions and be able to challenge the power of government when it contravenes principles of administrative justice. The unit is organised around theoretical perspectives of democracy, specifically participation and accountability, and examines mechanisms of State accountability, their philosophy and practice so as to provide a strong working knowledge of the administrative justice system and its legal, social and political environments.

Courses: JS31, LW41, LW42, ED50
Contact hours: 3 per week Credit points: 12
Semester: 1

► JSB352 INDIVIDUAL JUSTICE

In abstract, what justice professionals know and understand the rules of administrative law as well as the underlying philosophy of administrative justice. In the working in the public sector understand the rules that guide their decision making as well as the avenues of appeal from any decision they make. The unit is organised around theoretical perspectives of democracy, specifically participation and accountability, and examines mechanisms of State accountability, their philosophy and practice so as to provide a strong working knowledge of the administrative justice system and its legal, social and political environments.

Courses: JS31, LW42, LW41
Contact hours: 3 per week Credit points: 12
Semester: 1

► JSB353 GLOBAL JUSTICE

Debates over the protection and enforcement of human rights norms within the Australian social, legal and political landscape are increasingly prevalent. Knowledge, justice administrators and Australia’s international, regional and domestic human rights obligations and activities are vital for all justice professionals. An understanding of the theoretical and practical frameworks of human rights norms and their influence in global justice system and international treaties such as the greenhouse gas protocol.

Courses: ED50, JS31, LW41, LW42
Contact hours: 3 per week Credit points: 12
Semester: 1

► JSB405 JUSTICE ORGANISATIONS

In justice organisations, whether they are government or non-government, dynamics operate that mark the organisation as more or less effective, efficient or accountable. The culture of a particular organisation underpins much of what occurs both internally and in its external relations. The dynamics and the culture can be understood from a variety of perspectives. It is important for professional organisations or those seeking entry into such organisations to have a solid understanding of the issues that impact on organisational culture and attitudes as it relates to justice organisations.

Courses: JS40
Contact hours: 3 per fortnight Credit points: 12
Semester: 1

► JSB411 THEORIES OF JUSTICE 1

Arguments concerning perceived problems of justice and injustice usually revolve around ideas about what justice actually means both theoretically, and in practice. Students who are to graduate with honours In a Bachelor of Justice require a sophisticated level of understanding of theories of justice in a social and criminal context if they are to effectively apply in practice the core knowledge they have acquired in the course of their study.

Courses: JS40
Contact hours: 3 per week Credit points: 12
Semester: 1

► JSB412 LITERATURE REVIEW

Employment as a researcher in government departments, justice agencies and other agencies undertaking of higher degree study requires an ability to independently design and execute complex research projects. An integral part of good research practice is the establishment of parameters of administrative justice. The unit is organised around theoretical perspectives of democracy, specifically participation and accountability, and examines mechanisms of State accountability, their philosophy and practice so as to provide a strong working knowledge of the administrative justice system and its legal, social and political environments.

Courses: JS31, LW41, LW42
Contact hours: 3 per week Credit points: 12
Semester: 1

► JSB413 COLLOQUIUM

To engage students for on-going projects and to enlist the co-operation and/or collaboration of peers and supersiors it is necessary for researchers to be able to take effective oral and multi-media presentations about their work. Students embarking upon an honours year of specialised research, require support, a collegial atmosphere for their work, regular contact with peers and supervisors, and the opportunity to discuss their research, defend its parameters and to acquire skills of critique and analysis. This unit will offer honours students an opportunity to acquire these skills in a supportive and collegiate atmosphere.

Courses: JS40
Contact hours: 3 per fortnight Credit points: 12
Semester: 1

► JSB414/1 THESIS 1

A research thesis is the major component of the Honours course. It provides students with an opportunity to conceive, design and execute a major research project with specialist supervision. This unit is designed to help students begin the process of thesis conceptualisation and formulation. Together with the Introduction and Literature Review, this unit provides the preparation for the honours dissertation.

Courses: JS40
Contact hours: 3 per week Credit points: 12
Semester: 1

► JSB414/2 THESIS 2

This unit comprises the further research and writing of the honours dissertation, under the direction of the supervisor. The production of the honours dissertation is the main objective of the honours program. Students successfully completing the honours year will have acquired high level research and writing skills relevant to both higher degree study and a career in the justice professions.

Courses: JS40
Prerequisites: JSB414/1
Credit points: 12
Semester: 1

► JSB414/3 THESIS 3

This unit comprises the further research and writing of the honours dissertation, under the direction of the supervisor. The production of the dissertation is the main objective of the honours program. Justice Studies students successfully completing the honours year will have acquired high level research and writing skills relevant to both higher degree study and a career in the justice professions.

Courses: JS40
Prerequisites: JSB414/1, JSB414/2
Credit points: 12
Semester: 1

► JSB414/4 THESIS 4

This unit comprises the further research and writing of the honours dissertation, under the direction of the supervisor. The production of the dissertation is the main objective of the honours program. Justice Studies students successfully completing the honours year will have acquired high level research and writing skills relevant to both higher degree study and a career in the justice professions.

Courses: JS40
Prerequisites: JSB414/1, JSB414/2, JSB414/3
Credit points: 12
Semester: 1

► JSB359 INDEPENDENT STUDY

In the course of their study, Justice Studies students may discover an area that is of particular interest to them, or which has specific relevance to their intended professional orientation. This unit gives students the opportunity to extend aspects of their coursework or professional interests in more detail, as well as to continue the process of refining and developing research skills.

Courses: JS31, LW41, LW42
Contact hours: 3 per week Credit points: 12
Semester: 1

► JSB392 ALTERNATIVE JUSTICE

Processes Conflict is inevitable in society. A major aim of the justice system is to manage and resolve conflict through efficient, effective and equitable processes. This unit will equip you with the theoretical knowledge and the practical skills needed to work effectively as a professional in the Justice System. You will develop an understanding of concepts of conflict and critically examine a number of models of conflict resolution from the formal adjudication of the legal system, to the less structured forum of mediation, to the process of negotiation. The unit will also help you develop the professional and interpersonal skills necessary for you to manage conflict effectively and in a variety of contexts relevant to the Justice system.

Courses: JS31, LW41, LW42
Contact hours: 3 per week Credit points: 12
Semester: 1

► JSB393 CRIME RESEARCH METHODS

It is essential that students undertaking research in both professional and academic settings have a solid knowledge and understanding of research design and analysis. This subject builds upon research skills acquired in first and second year study and is thus intended to provide advanced knowledge and skills in research design and methodology for use in the fields of criminal justice, justice administration and criminology.

Courses: JS31, LW41, LW42
Contact hours: 3 per week Credit points: 12
Semester: 1

► JSB394 PROFESSIONAL PLACEMENT

In order to operate effectively in the workplace students will need to be able to connect and apply the knowledge and theory they have gained from the other units in the course to the practice of the profession in which they gain employment.

Courses: JS31, LW42, LW41
Contact hours: 3 per week Credit points: 12
Semester: 1

► JSB395 CONTRACTUAL JUSTICE

We are surrounded, in our day to day adult lives, with legally binding promises. These can range from relatively simple promises like purchasing a train ticket to far more complex million dollar contracts. Understanding the legal implications of promises can range from relatively simple promises like purchasing a train ticket to far more complex million dollar contracts. Understanding the legal implications of promises can range from relatively simple promises like purchasing a train ticket to far more complex million dollar contracts.

Courses: JSB003, JSB087
Contact hours: 3 per week Credit points: 12
Semester: 1

► JSB396 COMPENSATION AND REPARATION

The appropriateness of compensation as a remedy is a question that is very important to us and that we understand the boundaries to compensations, as well as the reasons that we may have to pay compensation and the many types of conduct that provoke compensation claims. This unit provides the foundation for an understanding of this crucial area of law and legal obligations.

Courses: JS31, LW42, T1D0
Contact hours: 3 per week Credit points: 12
Semester: 1

► JSB397 FORENSIC SCIENTIFIC EVIDENCE

This unit is designed for students of science and law seeking to understand the legal implications of forensic science within the context of the Australian legal system. The unit emphasises the fundamental links between, science, social justice and the legal system while outlining the various rules of evi-
UNIT SYNOPSES

Knowledge derived from this unit is applicable to a critical understanding of all professional and legal aspects of crime.

Courses: JS51
Credit points: 12
Incompatible with: JS513, JSB38
Campus: KG, EXT
Semester: 2

► JSN134 CRIME CONTROL AND GOVERNANCE
This unit details in particular with the way in which crime control is being administered in late modernity with specific reference to Australia. Attention is drawn to the changing roles played by various state sponsored agencies and organisations in the management, prevention and reduction of crime, as well as the various governmental rationalities that influence the workings of the criminal justice system. Building on Foundations in Criminology, the unit considers contemporary cultures of crime control, as part and parcel of a governmental approach to the attempted management of problem populations in the neo-liberal state.

Courses: JS51
Contact hours: 3 per week
Credit points: 12
Incompatible with: JS513, JSB53
Campus: KG, EXT
Semester: 2

► JSN141 ORGANISED CRIME AND CORRUPTION
Organised crime activities have burgeoned exponentially throughout the world in the last ten to twenty years. Drug importation and trafficking, fraud (including fraud against the revenue, identity fraud, credit card fraud and maritime fraud), money laundering and people smuggling are all examples of criminal activities that are diverting billions of dollars from legitimate businesses and into the hands of criminal syndicates. The aim of this unit is to provide you with knowledge and understanding of organised crime and its impact on society.

Courses: JS51
Contact hours: 3 per week
Credit points: 12
Incompatible with: JS514, JSB53
Campus: KG, EXT
Semester: 2

► JSN132 FOUNDATIONS IN CRIMINOLOGY
Criminal justice systems of crime and crime control are socially and historically dynamic and integral to legal and social policy. They are central to the ways in which persons, policing and the criminal justice system rely on the criminal law to prevent and reduce unlawful activities. The unit examines the nature, roles of intelligence, counterintelligence and security; laws and other instruments which protect individuals and their activities against unlawful intelligence and security actions and operations; human rights issues; perspectives of public and private morality; and the media’s right to disclose intelligence and security matters.

Courses: JS51
Contact hours: 3 per week
Credit points: 12
Incompatible with: JS513, JSB38
Campus: KG, EXT
Semester: 1

► JSN131 JUVENILE JUSTICE
This unit critically examines the nature, extent and social construction of a 'youth crime problem' in westernised societies of late modernity Australia and to establish how and why the juvenile justice system takes the governmental form it does. It is concerned with the way in which a 'youth crime problem' is constructed and the ramifications of this for particular cohorts of young people in contemporary Australia. It is also concerned with the administration and management of youth crime through formal systems designed to prevent and reduce unlawful acts. Particular attention is drawn to the historical development of youth justice in Australia and to the changing nature of youth crime control across jurisdictions.

Courses: JS51
Incompatible with: JS513, JSB32
Campus: KG, EXT
Semester: 1

► JSN130 INTELLIGENCE, JUSTICE AND ACQUISITABILITY
The unit focuses on intelligence and security activities relative to the rights of individuals, their 'need to know' and their 'right to know'. It examines relationships and responsibilities of intelligence and security professionals and organisations to Australian society, specifically: the nature, roles of intelligence, counterintelligence and security; laws and other instruments which protect individuals and their activities against unlawful intelligence and security actions and operations; human rights issues; perspectives of public and private morality; and the media’s right to disclose intelligence and security matters.

Courses: JS51
Contact hours: 3 per week
Credit points: 12
Incompatible with: JS513, JSB38
Campus: KG, EXT
Semester: 1

► JSN017 INTELLIGENCE AND DECISION MAKING
Intelligence professionals offer support to government and its communities, in particular, where they offer an advantage through the provision of accurate and timely advice. Intelligence is, however, largely a war of wits that is not communicated effectively to the appropriate decision maker. This unit is concerned with the delivery of intelligence to decision makers. It recognises the need for intelligence managers to be attuned to the context and environment in which they are operating. The unit examines client needs against proven principles and the importance of focussing reporting and examining the specific needs of client groups. Finally, it looks at the processes to develop appropriate intelligence products.

Courses: JS51
Contact hours: 3 per week
Credit points: 12
Incompatible with: JS513, JSB38
Campus: KG, EXT
Semester: 2

► JSN018 ADVANCED CRIME RESEARCH METHODS
It is essential that students undertaking research projects have a comprehensive knowledge and understanding of research design and analysis. This subject is intended to extend students' understanding of the processes fundamental to effective criminal justice research with a particular focus on the structure and organisation of theses. Emphasis will be placed upon the whole research process, understanding of the logical and methodological implications of research design and methodology. This unit will offer students a comprehensive account of the variety of research design models, data collection techniques and data analysis strategies. It will extend students understanding of both quantitative and qualitative research.

Courses: JS51
Contact hours: 3 per week
Credit points: 12
Incompatible with: JS513, JSB38
Campus: KG, EXT
Semester: 1

► JSN005 THEORIES OF JUSTICE 2
Students are required to complete a piece of research into various justice models and their implications/applications as well as to produce a range of evaluative criteria against which to judge the degree of 'justice' in relation to a particular social problem within the realm of legal and public policy.

Courses: JS51, LW51
Prerequisites: JSN001 or LWN040 or JSB411
Contact hours: 2 per week
Credit points: 12
Incompatible with: LWN042
Campus: KG, KG
Semester: 2

► JSN006 INDEPENDENT STUDY 1
Designed to enable students to pursue particular aspects of their coursework or of professional interest in more depth. It is an opportunity for students to refine and develop research skills. Students are required to complete a piece of research under the guidance of an academic supervisor.

Courses: JS51
Contact hours: 2 per week
Credit points: 12
Incompatible with: JSB92
Campus: KG, KG
Semester: 2

► JSN007 INDEPENDENT STUDY 2
Independent Study offers students the opportunity to extend further aspects of their coursework or of professional interest in more depth, and to continue the process of refining and developing research skills.

Courses: JS51
Contact hours: 2 per week
Credit points: 12
Incompatible with: JSB92
Campus: KG, KG
Semester: 2

► JSN014 LAW, JUSTICE AND NEW GENETIC TECHNOLOGIES
Our ability to test, screen and manipulate the human genome is made possible by recent technological breakthroughs in science. The science of genetics is not new but its public profile has never been higher. Current initiatives in genetic knowledge have been described as an international voyage of scientific discovery. The legal community faces a perpetual challenge in keeping pace with the revolution in genetics. This unit looks at some legal implications of this revolution and charts the major responses of our legal system to modern genetics and biotechnology.

Courses: JS51, LW51
Contact hours: 2 per week
Credit points: 12
Incompatible with: LWN135
Campus: GP
Semester: 2

► JSN016 INTELLIGENCE, JUSTICE AND ACQUISITABILITY
The unit focuses on intelligence and security activities relative to the rights of individuals, their ‘need to know’ and their ‘right to know’. It
UNIT SYNOPSIS

► JSN143 PROCESSES OF CRIME AND PREVENTION: LAUNDERING CRIME
Unlike some other professions, the primary motive for organised crime and official corruption is profit. Organised crime syndicates generate huge profits that they launder through various means often to invest in further crime and/or legitimate businesses. By taking away the proceeds of crime Laundering money off the books, the government loses a significant amount of tax revenue. The unit explores several aspects of money laundering including the mechanics of the process and its global extent. The unit will also examine practical strategies to prevent and detect money laundering.

Courses: JS51 Credit points: 12 Semester: 2

► JSN144 EVIDENCE IN ORGANISED CRIME INVESTIGATIONS
In recognition of the limitations of traditional law enforcement methods in dealing with organised crime and corruption, the Commonwealth and state governments have granted more extensive powers to their police services and created inquisitorial commissions equipped with specific knowledge and skills. This unit will introduce you to the theoretical and practical aspects of investigating organised crime and corruption, and to assist them in the effective use of these new powers.

Courses: JS51 Contact hours: 3 per week Credit points: 12 Semester: 2

► JSN151 POLICY, GOVERNANCE AND JUSTICE
This unit will enable you to become familiar with policy-making practices and wider issues of governance. The unit aims to introduce you to the theory and practice of public policy with an emphasis on policy issues relevant to criminal and social justice. It analyses processes in policy development such as policy formulation, writing, implementation and evaluation. You will gain tools for participating in policy development processes in both the public and private sectors.

Courses: JS51 Credit points: 12 Semester: 2

► JSN152 ADMINISTRATIVE JUSTICE
It is essential that justice professionals know and understand the rules of administrative law as well as the procedures of administrative justice so that those working in the public sector understand the rules that guide their decision making as well as the avenues of appeal from any decision they make. The unit is organised around theoretical perspectives of democracy, specifically participation and accountability, and examines mechanisms of State accountability, their philosophy and practice so as to provide a strong working knowledge of administrative justice.

Courses: JS51 Credit points: 12 Semester: 2

► JSN153 WATCHDOWNS: WARRIORS, WITNESSES, AND INHIBITION
Recent growth of government activity and regulation means that strong powers have been granted to non-elected officials and the agencies that they launder through various means and re-turn and effort to perform an over-sight role on public administration. The aim of this unit is to provide you with a critical, analytical approach to the roles of the more powerful agencies, their protective and investigative powers and responsibilities.

Courses: JS51 Credit points: 12 Semester: 2

► JSN154 HUMAN RIGHTS AND GLOBAL JUSTICE
The aim of this unit is to provide you with the necessary theoretical and practical knowledge and understanding of human rights standards and their impact both on the individual, legal, justice and political landscape so as to enable you to enhance your contribution as a justice professional. You will develop a critical perspective on these matters that will allow you to understand and apply the constraints and guidance provided by international human rights norms.

Courses: JS51 Contact hours: 3 per week Credit points: 12 Semester: 2

► JSN161 FUNDAMENTALS OF INTELLIGENCE
Intelligence analysts are increasingly taking a leading role in investigations with analysts setting the direction for criminal investigation teams. Intelligences professionals also offer support to government, the private sector and the community where they offer an advantage through the provision of accurate and timely advice. Intelligence requires proficiency in thinking and analytical skills, effective interpersonal skills, teamwork and application of intelligence process methodologies in a variety of contexts.

Courses: JS51 Credit points: 12 Semester: 1

► JSN162 MANAGING INTELLIGENCE
The unit is concerned with the management of intelligence organisations, personnel and operations. It recognises the need for managers to be attuned to the context and environment in which they are operating. The unit examines organisational structures against proven principles. It acknowledges the importance of people, and examines the specific needs of personnel systems in an intelligence environment. Finally, it looks at the processes to plan and conduct efficient operations. The subject concentrates on applying established principles and procedures to the unique needs of intelligence organisations.

Courses: JS51 Credit points: 12 Incompatible with: JSIP151, JSB353 Semester: 1

► JSN163 INTELLIGENCE RESEARCH ISSUES & METHODOLOGY
As the importance of intelligence to government and organisations continues to grow, the management of knowledge increasingly becomes the key factor in deciding who wins and who loses in the inter relational relations, business and war. This unit has three aims: first, to develop a higher level understanding of the theoretical basis of intelligence research; second, to assist you to develop an understanding of the role of research in intelligence in government and organisation decision making; and third, to develop a practical knowledge of the application of research methodologies to intelligence research.

Courses: JS51 Credit points: 12 Incompatible with: JSIP162, JSIP067 Semester: 1

► JSN164 INTELLIGENCE AND NATIONAL SECURITY
The unit critically examines the notions and concepts of national security. It explores functions, roles and responsibilities for national security in the Australian context. The basic tenet of the information and social intelligence system is a support function that ensures the safety, security and quality of life within a nation. The unit will consider the unique needs of intelligence organisations, the intelligence process and creative problem solving skills in an intelligence environment.

Courses: JS51 Credit points: 12 Semester: 1

► JSN165 HUMAN RIGHTS AND GLOBAL JUSTICE
The aim of this unit is to provide you with the necessary theoretical and practical knowledge and understanding of human rights standards and their impact both on the individual, legal, justice and political landscape so as to enable you to enhance your contribution as a justice professional. You will develop a critical perspective on these matters that will allow you to understand and apply the constraints and guidance provided by international human rights norms.

Courses: JS51 Contact hours: 3 per week Credit points: 12 Semester: 2

► JSN171 JUVENILE JUSTICE
This unit critically examines the nature, extent and social construction of a ‘youth crime problem’ in western countries (especially Australia) and how and why the criminal justice system takes the governmental form it does. It is concerned with the way in which a ‘youth crime problem’ is constructed and the implications of this for particular cohorts of young people in contemporary Australia. It is also concerned with the administration and management of youth crime control through formal and informal systems, including the rights, needs and interests of children and young people, and the extent to which current systems are adequate in supporting their needs.

Courses: JS25, JS27 Credit points: 12 Incompatible with: JS131, JSPO41, JSB041, JSB353 Semester: 1

► JSN182 FOUNDATIONS IN CRIMINOLOGY
Criminological theories of crime and crime control are socially and historically dynamic and integral to legal and social policy. They are also central to the ways in which crime prevention more generally is organised in society. This unit deals with criminological concepts of crime and crime control, rather than simply outlining the theories, particular attention is drawn to the central concepts, assumptions and propositions contained in criminological theories and the critical evaluation of criminological knowledge has made to advancing our understanding of crime and crime control. Knowledge derived from this unit is applicable to a critical understanding of all professional and popular theories of crime.

Courses: JS25, JS27 Credit points: 12 Incompatible with: JSNJ132, JSB331 Semester: 1

► JSN193 CRIME PREVENTION
This unit discusses in detail the complex relationship that exists between the crime problem, the creation of criminality and traditional responses to crime. Second, it will discuss crime prevention strategies that are broader than the traditional criminal justice response as well as explore the appropriateness or otherwise of blanket responses to crime. Finally, it will consider the issue of how the interests of victims of crime may be adequately addressed both within and outside the criminal justice system. Building on the theoretical perspectives gained in Foundations in Criminology and Crime Control and Governance, this unit critically discusses current directions in crime prevention.

Courses: JS25, JS27 Credit points: 12 Incompatible with: JSN133 Semester: 2

► JSN194 CRIME CONTROL AND GOVERNANCE
This unit deals with the way in which crime control is being administered in late modernity with specific reference to Australia. Attention is drawn to the changing roles played by various state sponsored agencies and organisations in the management, prevention and reduction of crime, as well as the various governmental rationalities that underpin the workings of the criminal justice system. Building on Foundations in Criminology, the unit considers contemporary cultures of crime control as part and parcel of a governmental approach to the attempted management of problems such as crime in the non-liberal state. Power, discipline, regulation and classification are integrat-ed to this project.

Courses: JS25, JS27 Credit points: 12 Incompatible with: JSNJ134, JSB332 Semester: 2

► JSN197 ORGANISED CRIME AND CORRUPTION
Organised crime activities have burgeoned exponentially throughout the world in the last ten to twenty years. Drug importation and trafficking, fraud (including fraud against the revenue, iden...
tity fraud, credit card fraud and maritime fraud), money laundering and people smuggling are all examples of organized crime. The costs associated with these activities are billions of dollars from legitimate businesses and into the hands of criminal syndicates. The aim of this unit is to provide you with knowledge and understanding of organised crime activities. You will gain an understanding the theoretical nature of organized crime and its functional properties and operations and be able to critically analyse the nature and impact of organised crime on society.

Courses: JS25, JS29  Credit points: 12  Incompatible with: JSN141, JSP053, JSB053, JSB342  Campus: KG, EXT  Semester: 1  ► JSP142 FORENSIC INVESTIGATION METHODS AND STRATEGIES

Organised crime and corruption are not new phenomena but their magnitude and sophistication have increased dramatically in the last decade. The aspects of these activities which distinguish them from more traditional crimes mean that reliance on traditional law enforcement techniques and powers will usually be an inadequate response. Lawyers, investigators and intelligence and financial analysts wishing to work in this expanding field need an understanding of these new powers and an appreciation of the different strategies and methodologies needed to combat organized crime and corruption. This unit will develop such an understanding by analysing the statutory powers and examining creative and innovative strategic methods of applying these tools.

Courses: JS25, JS29  Credit points: 12  Incompatible with: JSN142  Campus: KG, EXT  Semester: 1  ► JSP143 PROCEEDS OF CRIME AND MONEY LAUNDERING

Unlike some crimes, the primary motive for organised crime and official corruption is profit. Organised crime syndicates generate huge profits that they launder through various means and route back to their own coffers. The aim of this unit is to provide you with the necessary theoretical and practical knowledge and understanding of the rules and their impact on the Australian social, legal, justice and political landscape so as to enable you to enhance your contribution as a justice professional. You will gain a critical perspective on these matters that will allow you to understand and apply the constraints and guidance provided by international human rights norms.

Courses: JS25, JS28  Credit points: 12  Incompatible with: JSN143  Campus: KG, EXT  Semester: 2  ► JSP144 EVIDENCE IN ORGANISED CRIME INVESTIGATIONS

Innovations in media and communication technologies have been deeply implicated in the evolution of human society, and the historical development of both the media of mass communication and ways of thinking. This unit critically examines the notions and methodologies to intelligence research. The unit is concerned with the management of knowledge increasingly grows the management of knowledge increasingly grows as the underlying philosophy of administrative justice so that those working in the public sector understand the rules that guide their decision-making as well as the avenues of appeal from any decision they make. The unit is organised around the theoretical and practical aspects of democracy, specifically participation and accountability, and examines mechanisms of State accountability, their role in shaping their powers and responsibilities. A good understanding of the theoretical and political framework within which the investigation of oversight by agencies is exercised and utilised is important for those who may carry out, evaluate or critique the powers of such watchdogs.

Courses: JS25, JS28  Credit points: 12  Incompatible with: JSN153, JSB253  Campus: KG, EXT  Semester: 2  ► JSP154 HUMAN RIGHTS AND GLOBAL JUSTICE

Recent growth of government activity and regulation means that strong powers have been granted to non-elected officials and the agencies they are employed by, often to perform an oversight role on public administration. Justice professionals need to know the range of agencies with such watchdog roles, and their powers and responsibilities. A good understanding of the theoretical and political framework within which the investigation of oversight by agencies is exercised and utilised is important for those who may carry out, evaluate or critique the powers of such watchdogs.

Courses: JS25, JS28  Credit points: 12  Incompatible with: JSN154, JSP084, JSB084, JSB353  Campus: KG, EXT  Semester: 2  ► JSP161 FUNDAMENTALS OF INTELLIGENCE

Intelligence analysts are increasingly taking a leading role in decision-making with analysts setting the direction for criminal investigation teams. Intelligence professionals also offer support to government sector and their critical role in the community where they offer an advantage through the provision of accurate and timely advice. Intelligence requires proficiency in thinking strategies and skills, effective interpersonal skills, teamwork and application of intelligence process methodologies in a variety of contexts. This unit examines the essentials of the intelligence system, the intelligence process and creative problem solving skills in an intelligence environment.

Courses: JS25, JS26  Credit points: 12  Incompatible with: JSN161, JSP061  Campus: ED  Semester: 1  ► JSP162 MANAGING INTELLIGENCE

The unit is concerned with the management of intelligence organisations, personnel and operations. It recognises the need for managers to be attuned to the context and environment in which they are operating. The unit examines organisational structures against proven principles. It acknowledges the importance of people, and examines the specific needs of personnel systems in an intelligence environment. Finally, it looks at the processes to plan and conduct efficient operations, knowing that success is dependent on applying established principles and procedures to the unique needs of intelligence organisations.

Courses: JS25, JS29  Credit points: 12  Incompatible with: JSN162, JSP067  Campus: EXT  Semester: 1  ► JSP163 INTELLIGENCE RESEARCH ISSUES & METHODOLOGY

As the reliance of government to government and organisation decision making continues to grow the management of knowledge increasingly becomes the key factor in deciding who wins and who loses in international relations, business and war. This unit has three aims: first, to develop a critical understanding of the disciplines of intelligence research; second, to assist you to develop an understanding of the role of research in intelligence in government and organisation decision making; and through this develop awareness of the ethical and cultural environment. The principal focus will be on issues that constitute actual and potential threats to national security in Australia in the twenty-first century, and on the intellectual development of the media of mass communication from ancient times to the present. This unit explores the enabling capacities of media and communications, as well as other aspects of media power from a variety of perspectives, in the development of the modern nation state, consumer culture and the global information economy.

Courses: KC32, IF09, IF10  Contact hours: 3 per week  Credit points: 12  Campus: K  Semester: 1, 2  ► KCB140 MEDIA AND SOCIETY: FROM PRINTING PRESS TO INTERNET

Innovations in media and communication technologies have been deeply implicated in the evolution of human society, and the historical development of both the media of mass communication and ways of thinking. This unit critically examines the notions and methodologies to intelligence research. The unit is concerned with the management of knowledge increasingly grows as the underlying philosophy of administrative justice so that those working in the public sector understand the rules that guide their decision-making as well as the avenues of appeal from any decision they make. The unit is organised around the theoretical and practical aspects of democracy, specifically participation and accountability, and examines mechanisms of State accountability, their role in shaping their powers and responsibilities. A good understanding of the theoretical and political framework within which the investigation of oversight by agencies is exercised and utilised is important for those who may carry out, evaluate or critique the powers of such watchdogs.

Courses: JSP161, JSP067  Contact hours: 3 per week  Credit points: 12  Campus: EXT  Semester: 1  ► KCB150 MEDIA AND COMMUNICATIONS INDUSTRIES

This unit provides an introduction to media and communications industries, with particular reference to the Australian media and communications industries and associated issues. The unit will examine aspects of broadcasting, magazines and publishing, popular music, film, the Internet and new media industries. You will be involved in discussion of current issues and media features.

Courses: KS20, IF09, IF10  Contact hours: 3 per week  Credit points: 12  Campus: K  Semester: 2  ► KCB204 GLOBALISATION AND NEW ECONOMY

The globalisation of economy, political and cultural organisations and relations is one of the central dynamics of 21st century societies. While the causes, significance and impacts of globalisa-
tion are widely debated, it has been strongly connected to the development of new media, media and communications industries, convergence delivered through cable and satellite technologies, and through the Internet. This unit will provide students with a clear understanding of globalisation, its relationship to new media technologies, and strategies for dealing with such changes that have been occurring in government, corporate entities, political parties, knowledge institutions, and the institutions and networks of civil society.

Courses: KC32, IF09, IF10

Contact hours: 3 per week  Credit points: 12  Semester: 1  Campus: KG  Semester: 2

► KCB213 STRATEGIC SPEECH COMMUNICATION

This unit will introduce students to theoretical and historical communication theories, as a base for developing professionals who are articulate presenters, problem solvers, and effective leaders in the Communication and good team players. Theory and practice are

► KCB348 APPLIED MEDIA COMMUNICATION

This unit examines the relationship between new technologies and media production in their social and cultural context. It evaluates the impact of digitisation and convergence on work, leisure, TV, print media and other forms of culture production; and considers the contribution of media theory to insights about the cultural, economic and political impacts of new media technologies.

Courses: KC32, IF09, IF10, IF27

Contact hours: 3 per week  Credit points: 12  Campus: KG  Semester: 1  Campus: 2

► KCB925 VIRTUAL CULTURES

This unit provides both a critical and conceptual introduction to the issues arising from the emergence of online communities, on-line communities', and a practical introduction to the skills and competencies required for the development and maintenance of successful virtual communities. It considers issues arising from the development of online communications from the perspectives of corporate cultures, public or civic action, and questions of community, identity and social inequality in Internet culture, conflict management, and ethical and privacy issues on the Web.

Courses: KC32, IF09, IF10, CI Open Elective

Contact hours: 3 per week  Credit points: 12  Campus: KG  Semester: 1

► KCB311 POLITICAL COMMUNICATION

This unit provides an overview of the theory and practice of political communication and the role of discursive strategies in the social construction of meaning, with particular reference to media and communications industries. The unit will examine the role of media and political parties and internationally as students will critically examine theories of media influence, as well as notions of civic and political engagement and critical and analytical theory and the use of images as a power resource to succeed in a political campaign. The unit will also look at how survey research helps the planning and development of political campaigns, and students will be involved in developing a political campaign strategy.

Courses: KC32, KK32, IF09, IF10, IF27

Contact hours: 3 per week  Credit points: 12  Campus: KG

► KCB334 MEDIA AND COMMUNICATIONS RESEARCH METHODS

The research process (define problem, collect research, analysis) is covered. This unit affords students opportunities to evaluate research findings and draw conclusions from the research literature. It will provide an understanding of how research is conducted in media and communications problems. The unit will involve qualitative and quantitative research methods, including observation, focus groups, case studies, survey research and experiments studied in the context of media and communication problems and issues. Students will be introduced to and use some of these methods, analyse the results and present their conclusions and recommendations.

Courses: KC32, IF09, IF10, IF27

Prerequisites: KC150

Contact hours: 3 per week  Credit points: 12  Semester: 1

► KCB335 MANAGING COMMUNICATION RESOURCES

An understanding of controlled media (ie in the medium in which the communicator, rather than a gatekeeper, controls the final content), in both print and electronic forms, is critical for professional communicators; controlled media resources remain the most common tools developed during communication campaigns. This unit develops students' ability to devise effective resources for clients. Students will develop practical skills in managing projects, researching the audience, writing and producing campaigns, testing their work, and seeing the product through to final production. This unit involves desktop publishing, typesetting, and an opportunity to develop a print or electronic resource for a client.

Courses: KC32, IF09, IF10, IF27

Prerequisites: credit points of prior study  Contact hours: 4 per week  Credit points: 12  Campus: KG  Semester: 2

► KCB336 NEW MEDIA TECHNOLOGIES

This unit examines the relationship between new technologies and media production in their social and cultural context. It evaluates the impact of digitisation and convergence on work, leisure, TV, print media and other forms of culture production; and considers the contribution of media theory to insights about the cultural, economic and political impacts of new media technologies.

Courses: KC32, IF09, IF10, IF27, CI Open Elective

Contact hours: 3 per week  Credit points: 12  Campus: KG  Semester: 2

► KCB348 APPLIED MEDIA COMMUNICATION

This unit involves students exploring ways in which their knowledge of media industries, audiences and texts finds application in employment contexts. Students will develop and consolidate an applied understanding of databases in the process of maintaining and developing an online directory of media and related organisations serving the Greater Brisbane region. Questions of professional practice in online and workplace environments are also discussed, with particular reference to matters of freedom of expression, accuracy and fairness, access and equity, cultural difference, privacy, security and intellectual property.

Courses: KC32, IF09, IF10, IF27

Contact hours: 3 per week  Credit points: 12  Campus: KG  Semester: 2

► KCB349 MEDIA AUDIENCES

A knowledge of and ability to research audiences is essential for comprehensive understanding of the media. The ability to understand, take quantitative and qualitative research into account and to interpret the results of associated analytical tools and the ability to critically analyse academic and industry based audience research is important skills for students undertaking research in Media Communication and those seeking employment in media industries.

Courses: KC32, IF09, IF10, IF27

Prerequisites: 96 credit points of undergraduate study

Contact hours: 3 per week  Credit points: 12

Campus: KG

Semester: 2

► KCB351 MEDIA AND COMMUNICATIONS INDUSTRY PLACEMENT 1

This unit involves students applying the conceptual knowledge, research techniques and project management skills acquired during their degree to a specific project or projects on behalf of a media and communications organisation. Working in teams and in conjunction with a nominated media and communications organisation students will develop and implement a media or communications campaign. A large scale project is required for at least one semester, or it may be taken individually in order to develop a smaller scale project(s) over the course of one or two semesters.

Courses: IF01, IF02, IF03, IF04

Contact hours: 3 per week  Credit points: 12

Campus: KG

Semester: 1

► KCP018 CREATIVE INDUSTRIES

This unit involves intensive analysis of current issues in media and communications policy, both in Australia and internationally, in the context of the rise of global media and communications networks, globalised content, and the emergence of global rules and institutions to govern these networks and flows. The unit combines critical Australian media and communications policy analysis with analyses issues such as the rise of a knowledge-based economy, technological convergence, networks and clusters, services industries, creative cities, globalisation, creativity and consumption, intellectual property issues, social entrepreneurship and cultural capital. Such issues are central to those involved in the creative industries as professional practitioners.

Courses: KK51, IF03, IF04

Contact hours: 3 per week  Credit points: 12

Campus: KG

Semester: 1

► KCP110 GLOBAL MEDIA AND COMMUNICATIONS POLICY

This unit involves intensive analysis of current issues in media and communications policy, both in Australia and internationally, in the context of the rise of global media and communications networks, globalised content, and the emergence of global rules and institutions to govern these networks and flows. The unit combines critical Australian media and communications policy analysis with analyses issues such as the rise of a knowledge-based economy, technological convergence, networks and clusters, services industries, creative cities, globalisation, creativity and consumption, intellectual property issues, social entrepreneurship and cultural capital. Such issues are central to those involved in the creative industries as professional practitioners.

Courses: KK51, IF03, IF04

Contact hours: 3 per week  Credit points: 12

Campus: KG

Semester: 1

► KCP295 VIRTUAL CULTURES

New media communications technologies such as the Internet have opened many opportunities for extended participation and development of online cultures, with new forms of interaction, community-building, the development of shared interests and collective action on a global scale being possible. This unit considers issues of communicative opportunity critically appraise arguments for and against virtual communities, in the context of practical tutorials, lecture/discussions, students' projects and online communication.

Courses: KJ35, KJ36, KI43

Contact hours: 3 per week  Credit points: 12

Campus: KG

Semester: 1

► KCP336 NEW MEDIA TECHNOLOGIES

This unit considers the social, cultural, economic and political implications of development of new media technologies, with special reference to the Internet and World Wide Web, broadband cable and satellite technologies. This unit considers the historical development of technologies; different understandings of digital culture; the impact of new
media forms upon cultural practices and modes of social interaction; the impact of new media in transforming various social institutions and areas such as entertainment and education; and the legal, regulatory and policy issues arising from the development of new media technologies.

Courses: IF01, IF02, IF03, IF04, KJ36, KJ43
Prerequisites: 96 credit points undergraduate study in Creative Industries; GPA >5
Contact hours: 3 per week Credit points: 12
Campus: KG Semester: 1
► KCP349 MEDIA COMMUNICATION

Networks of industry and professional associations are extremely important in media and communication industries. In this unit you will extend and apply your critical knowledge of media and communication to the task of deepening their understanding of these networks. Through updating and developing the Brisbane Media Map an online resource that profiles media and communication industries in Brisbane you will also refine project planning and management skills, information analysis and design skills, website promotion, database management, and team leadership skills.

Courses: IF03, IF04
Contact hours: 3 per week Credit points: 12
Campus: KG Semester: 2
► KCP349 MEDIA AUDIENCES

This unit provides students with a conceptual understanding of media audiences within industry and academic contexts. In addition, the unit investigates and applies a number of practical skills that may be applied when undertaking audience research. A knowledge of and ability to research audiences is essential to a detailed and comprehensive understanding of the media. The ability to undertake quantitative and qualitative research into various audience groups, and the ability to critically analyse academic and industry based audience research are important skills for students undertaking both postgraduate research in Media & Communication and those seeking employment in media industries.

Courses: IF03, IF04
Contact hours: 3 per week Credit points: 12
Campus: KG Semester: 1
► KCP355 CREATIVE INDUSTRIES RESEARCH SEMINAR

This unit provides analytical and practical research skills for professional practice in the creative industries. It combines an overview of research methodologies and traditions relevant to the creative industries with the development of generic skills in research strategies, use of information technology for research, skills in data collection and analysis, and research outcomes in community, professional, industry and governmental contexts. It enhances the development of graduates with strong vocational and research skills in their chosen areas of professional practice.

Courses: IF04
Prerequisites: 96 credit points of undergraduate study in Creative Industries
Contact hours: 3 per week Credit points: 12
Campus: KG Semester: 1
► KCP354 CREATIVE INDUSTRIES IN ASIA

The Asian region has been one of the most dynamic areas in the world over the past three decades. Economic growth and industrialisation, greater openness to the global economy, and the rise of mass media and consumer society, have led to significant changes in the media and cultural industries throughout the region. Forces associated with the rise of creative industries, such as globalisation, knowledge-based economies, and media and communications networks are significantly shifting public policy, and raising new challenges, tensions and contradictions in politics, economics and culture.

Courses: IF04
Contact hours: 3 per week Credit points: 12
Campus: KG Semester: 1
► KCP355 CREATIVE INDUSTRIES PROJECT

The development of the creative industries has been identified as a central element of the contemporary economic activity that is informa
tional, global and networked. This unit provides an opportunity for you to extend your analysis and reflection upon the development of creative industries in the form of a scholarly and well-researched essay. Sustained reflection upon creative industries developments is central to those involved in the creative industries as professional practitioners and those considering Doctoral study in the creative industries area.

Courses: IF04
Prerequisites: 96 credit points of undergraduate study in Creative Industries
Contact hours: 3 per week Credit points: 24
Campus: KG Semester: 1, 2
► KCP356 ADVERTISING CREATIVE: INTRODUCTION

This unit provides an introduction to the creative side of advertising, including the development of creative strategies, creative concepts, and the crafting of persuasive ideas. The unit is the foundation for further work in creative advertising, and provides students with a thorough grounding in creative advertising history, industry practices, strategies and concept development.

Courses: IF04, IF05
Contact hours: 3 per week Credit points: 12
Campus: KG Semester: 1, 2
► KCP3561 ADVERTISING CREATIVE: ELECTRONIC AND PRINT MEDIA

This unit builds on the creative production of advertising for key electronic and print media: TV, radio, cinema, interactive, paper, print, magazine, and outdoors. It explores how creative advertisers use these media principles for creating effective ads; the media influence in the creative advertising process; how to present concepts for each medium; and the roles, steps and components of creative advertising production. Through this process, students expand their understanding of the creative process in developing ads for the key electronic and print mediums.

Courses: IF94, IF95, IF96
Contact hours: 3 per week Credit points: 12
Campus: KG Semester: 1, 2
► KCP3562 ADVERTISING CREATIVE: COPYWRITING AND ART DIRECTION

Copywriting and art direction are fundamental to creative advertising practice. Both tasks exist at the front end of advertising: copywriters and art directors help to bring advertising campaigns to life through creative concept development, writing, and liaising with both clients and artists. This unit builds on the introductory creative advertising units by exploring copywriting and art directing, and developing practical skills in writing and art directing. Case studies examine a wide range of advertising campaigns, including campaigns to sell products, corporate reputations, and not-for-profit organisations.

Courses: IF94, IF95, IF96
Contact hours: 3 per week Credit points: 12
Campus: KG Semester: 1
► KCP106 DANCE ANALYSIS

Study of the analysis of dance through a concentration on the dance text; a study of various historical contexts of dance as art.

Courses: CI Open Elective
Contact hours: 3 per week Credit points: 12
Campus: KG Semester: 2
► KDB114 AUSTRALIAN DANCE

A study of the ritual, artistic and social functions of dance in contemporary Australian society.

Courses: CI Open Elective
Contact hours: 3 per week Credit points: 12
Campus: KG Semester: 2
► KDB117 DANCE IN EDUCATION

A practical introduction to the philosophies and practices in dance education. The areas of choreography, performance and appreciation will be explored as students develop basic teaching and reflective practice skills. Appropriate for students planning to teach dance in the primary, secondary, community or studio contexts.

Courses: IF75, IF76, IF77, IF78, KD32, KT32, IX05, IX06, ED21, ED53, ED91, ED96
Contact hours: 3 per week Credit points: 12
Campus: KG Semester: 1
► KDB125 DECONSTRUCTING DANCE IN HISTORY

A study of various historical contexts of dance as art; Focus on romanticism, classicism, modernism and postmodernism.

Courses: CI Open Elective
Contact hours: 3 per week Credit points: 12
Campus: KG Semester: 1
► KDB158 DANCE AND TECHNOLOGY 1

Major choreographic project for public performance. Exploration of aesthetic and artistic values in the process of making new work with technology.

Courses: KD25, KD32 Prerequisites: KDB158
Contact hours: 4.5 per week Credit points: 12
Campus: KG Semester: 2
► KDB172 WORLD DANCE

Exposure to a range of culturally specific dance styles through practical workshops; a theory component providing contextual background to the styles studied.

Courses: CI Open Elective
Contact hours: 3 per week Credit points: 12
Campus: KG Semester: 1
► KDB176 POPULAR DANCE STYLES

History and sociology of jazz and popular dances; examination of dance in musical theatre and other commercial contexts; basic technique and steps in a range of jazz and popular dance styles.

Courses: CI Open Elective
Contact hours: 3 per week Credit points: 12
Campus: KG Semester: 2
► KDB180 DANCE TECHNIQUE STUDIES 1
IX05: course code: 3 ballet classes and 2 contemporary classes per week for the first half of the semester. 3 contemporary and 2 ballet classes per week for the second half of the semester; plus 1 alignment class per week. KD15, KD25, KD32 course codes: 4 ballet and 4 contemporary classes plus 1 pas de deux per week.

Courses: IX05, KD25, KD32, KD15
Contact hours: IX05: 9 per week; KD15, KD25, KD32: 13.5 per week Credit points: 12
Campus: KG Semester: 1
► KDB181 DANCE TECHNIQUE STUDIES 2
IX05, KD32 course codes: 4 ballet classes per week plus one alignment class per week. KD15, KD25, KD32, KD15 course codes: 4 ballet and 4 contemporary classes plus 1 pas de deux per week.

Courses: IX05, KD25, KD32, KD15
Contact hours: IX05, KD32: 6 per week; KD15, KD25: 13.5 per week Credit points: 12
Campus: KG Semester: 1
► KDB182 DANCE TECHNIQUE STUDIES 3
IX05, KD32 course codes: 4 contemporary and 4 ballet classes per week plus one alignment class per week. KD15, KD25 course codes: 4 ballet and 4 contemporary classes plus 1 pas de deux per week.

Courses: IX05, KD25, KD32
Contact hours: IX05, KD32: 7.5 per week; KD15, KD25: 13.5 per week Credit points: 12

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UNIT SYNOPSES

Campus: KG  Semester: 1
KDB183 DANCE TECHNIQUE
Credit points: 12
Semester: 1, 2

KDB195 DANCE ASSESSMENT AND REPORTING PROCEDURES
This unit examines basic theoretical understandings and practical skills to support and enhance students’ ability to plan, manage and promote effective and safe learning in dance classes.
Courses: KD05, KD06, KD16, KD17
Contact hours: 1 week residency in Summer
Credit points: 12

KDB196 DANCE TEACHING STUDIES 2
This unit covers the theory of choreography and its basic skills in choreography and will form the basis of study in this unit. This unit also provides students with the opportunity to investigate current research relating to the teaching for performance. Issues such as psychology of performance and pacing of dance training will be addressed.
Courses: KD06, KD17
Contact hours: 1 week residency in Summer
Credit points: 12

KDP014 SAFE DANCE PRACTICE
This unit examines aesthetic theory and analysis models that students can respond to and reflect upon dance. Students will apply this understanding to the research and analysis of dances in context.
Courses: KD05, KD06, KD16, KD17
Credit points: 12

KDP015 DANCE ANALYSIS AND DANCE HISTORIES
This unit examines aesthetic theory and analysis models that students can respond to and reflect upon dance. Students will apply this understanding to the research and analysis of dances in context.
Courses: KD05, KD06, KD16, KD17
Credit points: 12

KDP019 PROFESSIONAL PRACTICE AND BUSINESS ADMINISTRATION FOR DANCE TEACHERS
This unit will consider the implications of Dance Industry Code of Ethics (1987) for teaching and learning in dance. This unit also includes practical elements for the entrepreneurial and safe dance practices. Practical activities will focus on the implications of current research involving new work. The content of this unit reflects a holistic approach to teaching in dance by considering a diverse range of issues such as basic anatomy and physiology, the use of imagery in dance training, injury prevention and management strategies, nutrition and lifestyle management.
Courses: KD05, KD06, KD16, KD17
Credit points: 12

KDP105 DANCE ANALYSIS AND DANCE HISTORIES
This unit examines aesthetic theory and analysis models that students can respond to and reflect upon dance. Students will apply this understanding to the research and analysis of dances in context.
Courses: KD05, KD06, KD16, KD17
Credit points: 12

KDP180 DANCE TEACHING STUDIES 1
Examines theoretical understandings and practical skills to support and enhance students’ ability to plan, manage and promote effective and safe learning in dance classes.
Courses: KD35, KD36, KD42
Credit points: 12

KDP181 DANCE TEACHING STUDIES 2
The theories of choreography and the skills of crafting choreography will form the basis of study in this unit. This unit also provides students with the opportunity to investigate current research in the teaching for performance. Issues such as psychology of performance and pacing of dance training will be addressed.
Courses: KD35, KD36, KD42
Contact hours: 1 week residency in Summer
Credit points: 12

KDP189 DANCE PROJECT 1B
This unit is designed for students to investigate their practice as a dance performer and/or creator via two projects (or one extended project). Interdisciplinary and collaborative projects are encouraged. Projects may be self-devised or alternatively students may contribute to other creative projects involving new work. In addition to the project proposals and their realisation, the unit comprises a reflective practice written assignment and journal.
Courses: KD25
Credit points: 12
Semester: 2

KDP221 INTEGRATED PROFESSIONAL SKILLS
An integrated program building specific practical and psychological skills and strategies for career development and enhancement.
Courses: KD25, KD26, KD32, KD35, KD36, KD42
Contact hours: 3 per week Credit points: 12
Semester: 2

KDP242 DANCE CURRICULUM STUDIES 1
Focuses on the implementation of Dance Curriculum documents. Students develop strategies for dance teaching that cater for diverse learning needs of students and assist in the management of safe dance learning environments.
Courses: KD32, KT32, ED55, IF75, IF76, IF77, IF78
Contact hours: 4 per week Credit points: 12
Semester: 2

KDP249 DANCE CURRICULUM STUDIES 2
Advanced practical applications in assessment, curriculum planning and teaching/learning strategies relevant to dance teaching.
Courses: IF75, IF76, IF77, IF78, KD32, KT32, ED55
Prerequisites: KDB421
Contact hours: 4 per week Credit points: 12
Semester: 2

KDN002 PROFESSIONAL PRACTICE PROJECT
This unit aims to provide a context for students to apply and extend their developed teaching practices. As they devise, implement and evaluate a project relevant to their context, students will actively engage their skills and understandings as a teacher artist. Students will also be supported to enhance their skills as a reflective practitioner as they critically analyse and evaluate their practice.
Courses: KD42
Credit points: 24

KDP190 PROFESSIONAL PRACTICE AND BUSINESS ADMINISTRATION FOR DANCE TEACHERS
As small business owners, dance teachers require a diverse range of skills to manage and operate their businesses. This unit will consider the implications of the Dance Industry Code of Ethics for teaching and learning in dance. This unit also includes practical and useful materials for the effective and efficient operations of a business in dance teaching.
Courses: KD35, KD36, KD42
Credit points: 12

KDP191 DANCE TEACHING METHODOLOGIES
Provides students with the opportunity to investigate and explore dance teaching issues relevant to their own teaching context. The unit materials will include strategies and models for planning and implementing dance lessons at all levels, catering for the diverse learning needs of their students and managing the classroom as a complex social environment.
Courses: KD35, KD36, KD42
Credit points: 12

KDN002 PROFESSIONAL PRACTICE PROJECT
This unit aims to provide a context for students to apply and extend their developed teaching practices. As they devise, implement and evaluate a project relevant to their context, students will actively engage their skills and understandings as a teacher artist. Students will also be supported to enhance their skills as a reflective practitioner as they critically analyse and evaluate their practice.
Courses: KD42
Credit points: 24
UNIT SYNOPTES

Campus: EXT Semester: 1, 2
► KDP192 STAGECRAFT AND COSTUME DESIGN FOR DANCE
Provides opportunities to investigate the principles of design as they relate to the visual environment of a dance performance /production. Courses: and theoretical issues relevant to design for stage and video, stimulating and innovative examples of visual designs for different environments. The material information for the production/construction and budgeting for design.
Courses: KD36, KD42 Credit points: 12 Extension: EXT Semester: 1, 2
► KDX104 ARCHITECTURE OF THE BODY
Focuses on experiential awareness of the body, including an introduction to a working knowledge of anatomy, kinesiology and the movement potential of the body, both in theory and practice. Prerequisites: KD25, KD25, KD25, KD25, IF75, IF76, KD25, IX05, IX06, IX07, IX08. Contact hours: 3 per week Credit points: 12 Campus: KD Semester: 1, 2
► KDX111 PERFORMANCE 1
Designated unit. Study of selected repertoire pieces; duo work; rehearsal of individual aspects of the repertoire work; performance of all or part of the selected repertoire; preparation for rehearsals and performance; technique and dance rehearsals; critical evaluation during season and post-performance evaluation.
Courses: KD15, KD25 Contact hours: 8 per week Credit points: 12 Campus: KD Semester: 1
► KDX112 PERFORMANCE 2
Designated unit. Continuation of studies initiated in KDX111.
Courses: KD15, KD25 Contact hours: 8 per week Credit points: 12 Campus: KD Semester: 1
► KDX114 PERFORMANCE 3
Designated unit. Continuation of studies initiated in KDX112.
Courses: KD15, KD25 Prerequisites: KDX112 Contact hours: 8 per week Credit points: 12 Campus: KD Semester: 1
► KDX114 CHOREOGRAPHIC STUDIES 1
Introduction to crafting skills and choreographic devices used in process of making dance work. Preparation of short solo or group work.
Courses: KD15, KD25, KD32, IF75, IF76, IF77, IF78, IX05, IX06, IX07, IX08 Contact hours: 2 per week Credit points: 12 Campus: KD Semester: 2
► KDX114 CHOREOGRAPHIC STUDIES 2
Practice and performance of choreographic work emphasizing choreographic skills in creation of movement material, form and style. Clarify of intention is major focus.
Courses: KD15, KD25, KD32, IF75, IF76 Contact hours: 2 per week Credit points: 12 Campus: KD Semester: 1
► KDX145 CHOREOGRAPHIC STUDIES 3
Emphasis on Advanced Choreographic skills. Presentation of work 5-8 minutes in studio or site-specific context.
Courses: KD25, KD32, KD75, IF75, KD15, KD32 Contact hours: 8 per week Credit points: 12 Campus: KD Semester: 1
► KFB056 PROFESSIONAL STUDIES (FASHION) DESIGN AND SEMESTER
This subject prepares final year students for their first steps into the profession and facilitates a smooth and confident transition from undergraduate experiences to working life.
Courses: KF25 Contact hours: 3 per week Credit points: 12 Campus: KF Semester: 1
► KFB401 DESIGN STUDIO 1
The sequence of six Design Studio units are fundamental to the course and focus on the integration of design principles with the practical skills and understandings of pattern technology, garment design and construction. Alongside the acquisition of design skills, it is essential for successful fashion designers to understand the context of their practice, situated with a history and an industry that is international in scope.
Courses: KF25 Contact hours: 12 per week Credit points: 24 Campus: KG Semester: 1
► KFB402 DESIGN STUDIO 2
This sequence of six Design Studio units are fundamental to the course and focus on the integration of design principles with the practical skills and understandings of pattern cutting and garment construction.
Courses: KF25 Contact hours: 12 per week Credit points: 24 Campus: KG Semester: 2
► KFB403 DESIGN STUDIO 3
The sequence of six Design Studio units are fundamental to the course and focus on the integration of design principles with the practical skills and understandings of pattern technology, garment design and construction. These skills need to be scaffolded by the acquisition of business and entrepreneurial acumen if potential is to be realised in real work industry environments. This subject seeks to develop the theoretical and applied knowledge, skills and attributes that will support and enhance creative practice through an introduction to market research, risk analysis and business planning.
Courses: KF25 Contact hours: 12 per week Credit points: 24 Campus: KG Semester: 2
► KFB404 DESIGN STUDIO 4
This sequence of six units is fundamental to the course and focus on the integration of design principles with the practical skills and understandings of pattern technology, garment design and construction.
Courses: KF25 Contact hours: 12 per week Credit points: 12 Campus: KG Semester: 2
► KFB405 DESIGN STUDIO 5
This sequence of six Design Studio units are fundamental to the course and focus on the integration of design principles with the practical skills and understandings of pattern technology, garment design and construction. Design Studio 5 acts as a stage one of the final project and forms the research and development phase of the project. During this unit, students formulate their final project, prepare for prototyping and completion in Design Studio 6.
Courses: KF25 Contact hours: 12 per week Credit points: 12 Campus: KG Semester: 1
► KFB406 DESIGN STUDIO 6
This sequence of six units is fundamental to the course and focus on the integration of design principles with the practical skills and understandings of pattern technology, garment design and construction.
Courses: KF25 Contact hours: 20 per week Credit points: 24 Campus: KG Semester: 2
► KFB407 1/2 TEXTILES
Detailed knowledge of the materials, skills and processes available to the garment and textile industries is essential in the first year of study for the fashion designer. This is a year long unit. Students are to enrol in KFB407 2/2 in the second semester.
Courses: KF25 Contact hours: 2 per week Credit points: 6 Contact hours: 12 (awarded after completion of part 2)
Campus: KG Semester: 1
► KFB407 2/2 TEXTILES
Continued from KFB407 1/2. Detailed knowledge of the materials, skills and processes available to the garment and textile industries is essential in the first year of study for the fashion designer. This is a year long unit. Students must complete KFB407 1/2.
Courses: KF25 Prerequisites: KFB407 1/2 Contact hours: 2 per week Credit points: 6 second half (12 credit points awarded at completion of both components). Campus: KG Semester: 2
► KFB408 FASHION IN CONTEXT
In this unit students will analyse fashion trends and learn the influence of various factors that affect changes in fashion, including major designers.
Courses: KF25 Contact hours: 3 per week Credit points: 12 Campus: KG Semester: 2
► KFB410 1/2 RESEARCH SEMINAR
In this unit students will expand their knowledge and experience through exposure to the work of specialists in the field while extending their knowledge of the national and international fashion world. This is a year long unit - students must complete KFB410 2/2 in the second semester.
Courses: KF25 Prerequisites: KFB410/1 Contact hours: 2 per week Credit points: 6 (12 awarded at the completion of both components). Campus: KG Semester: 1
► KFB410 2/2 RESEARCH SEMINAR
In this unit students will expand their knowledge and experience through exposure to the work of specialists in the field while extending their knowledge of the national and international fashion world. This is a year long unit - students must complete KFB410/1 in the first semester.
Courses: KF25 Contact hours: 2 per week Credit points: 6 (12 awarded at the completion of the two components). Campus: KG Semester: 2
► KFB411 ADVANCED TEXTILES
This unit builds on the knowledge of the materials, skills and acquired in KFB407 and is planned for the student who wishes to continue further studies in the field of textile development and/or embellishment.
Courses: KF25 Contact hours: 4 per week Credit points: 12 Campus: KG Semester: 2
► KFB412 APPLIED PLANNING
In this externally focused unit graduating students will draw together acquired skills and knowledge in order to develop plans for work in industry, within community-based projects or as independent designers.
Courses: KF25 Contact hours: 2 per week Credit points: 12 Campus: KG Semester: 2
► KFB414 CROSS MEDIA DESIGN APPLICATIONS
This unit is aimed for the student who wishes to work collaboratively with students in other Creative Industries disciplines on a design project.
Courses: KF25 Contact hours: 3 per week Credit points: 12 Campus: KG Semester: 2
► KFB415 DESIGN PROJECT
This unit is aimed for the student who wishes to further advance non-traditional approaches to textile design or who wishes to continue collaboration with students in other Creative Industries disciplines on a design project.
Courses: KF25 Prerequisites: KFB411 or KFB414 Contact hours: 3 per week Credit points: 12
UNIT SYNOPSIS

Campus: KG  Semester: 2  
► KIB856 PROFESSIONAL STUDIES  
This unit offers a process to smooth and confident transition from undergraduate experiences to life in the workforce. Exploration of current issues in the creative industries, and development of professional skills including portfolio development, networking strategies, industry practices and career management.

Courses: KIB856  Contact hours: 3 per week  Credit points: 12

► KIB802 FOUNDATIONS OF COMMUNICATION DESIGN 1  
This unit provides an introduction to the languages and processes associated with image making and compositional design principles as they relate to communications technologies.

Courses: KI25, KI32, IF90  Contact hours: 3 per week  Credit points: 12

► KIB810 INFORMATION ARCHITECTURE  
This unit provides an introduction to Web application design and computer network communications. It emphasises computer programming and object oriented analysis and design.

Courses: KI25, KI32  Contact hours: 3 per week  Credit points: 12

► KIB804 3-D ANIMATION I  
This unit addresses the creative issues related to modelling and rendering three-dimensional computer graphics and animation including high-end computer visualisation and special effects for film and television.

Courses: KI25, KI32, KI43, IF90  Prerequisites: KIB805  Contact hours: 3 per week  Credit points: 12

► KIB805 DESIGN PROJECT A  
This unit will investigate the theoretical foundations and creative process underpinning interdisciplinary new media projects by analysing the recursive relationships between design, narrative, science and technology.

Courses: KI25, KI32, IF90  Prerequisites: KIB802 or KIB804, KIB808  Contact hours: 3 per week  Credit points: 12

► KIB806 DESIGN PROJECT B  
A critique forum for individual final projects. Each student is required to produce a final project indicative of their field of studies.

Courses: KI25, KI32  Prerequisites: KIB805  Contact hours: 3 per week  Credit points: 12

► KIB807 MEDIA TECHNOLOGY 1  
This unit provides an introduction to theories and skills underpinning the application of multimedia technology with the Creative Industries, providing a foundation of conceptual and practical skills related to contemporary modes of electronic hypermedia production, communication and presentation.

Courses: KI25, KI32, IF90  Contact hours: 3 per week  Credit points: 12

► KIB814 ENGAGING IMMERSION  
As creative practitioners within a highly networked technological society it is important to develop a critical understanding of how the application of technology influences modes of communication, production processes and creative practices, particularly within the Creative Industries. This unit provides an introductory overview of the philosophies underlying applications of technology and critically examines current applications in order to explore creative environments of future technology.

Courses: KI25, KI32  Prerequisites: KIB815, KIB803  Contact hours: 3 per week  Credit points: 12

► KIB815 INTER-FACING MEDIA  
This unit follows on from KIB809 Interaction Design focusing study in the field of Interaction Design including human-computer interaction, interface design concepts, principles and methodologies involved in the design and development of interactive media.

Courses: KI25, KI32, IF90  Prerequisites: KIB809  Contact hours: 3 per week  Credit points: 12

► KIB816 INTERACTIVE WRITING  
This unit addresses theoretical issues associated with nonlinear story structures and interactive narratives through the analysis of game structures, the creation of original game ideas and the application of techniques of information design to the structuring of non-narrative content. Addressing the creative and analytical roles of writers, conceptual designers and information designers in the context of interactive digital media and the Creative Industries.

Courses: KK32  Prerequisites: KIB818  Contact hours: 3 per week  Credit points: 12

► KIB817 PROJECT MANAGEMENT  
This unit serves as an introduction to project management and how it relates to software development and new media production; making use of various concepts and techniques to achieve a successful project outcome - defining project brief/scope and boundaries.

Courses: KI25, KI32, IF90  Prerequisites: KIB809 or KIB804 or KIB802  Contact hours: 3 per week  Credit points: 12

► KIB819 ELECTRONIC PUBLISHING  
This unit is concerned with the theories, concepts and methodologies that underpin electronic publishing, emphasising the conceptual and analytical skills required to develop successful online publications within the context of Creative Industries.

Courses: KI25, KI32, IF90  Prerequisites: KIB810  Contact hours: 3 per week  Credit points: 12

► KIB820 3-D ANIMATION 2  
This unit addresses theory and practice in the area of advanced three-dimensional computer graphics, including concept development, character animation; modelling animation and rendering techniques; and production techniques.

Courses: KI25, KI32, IF90  Prerequisites: KIB811, KIB814, KIB825  Contact hours: 3 per week  Credit points: 12

► KIB821 MIXED MEDIA  
This unit investigates the field of Virtual Reality looking at the history and related theory of this emerging interactive media. This material supports practical activities that directly address current practice in the field.

Courses: KI25, KI32, IF90  Prerequisites: KIB809, KIB804  Contact hours: 3 per week  Credit points: 12

► KIB822 INFORMATIONAL ARTS  
This unit explores the production of interactive projects, informed by the filmic processes developed in KIB803 and interaction design as covered in KIB809/KIB815. KIB822 looks at interactive, narratively - driven projects that draw upon these skills, with a focus upon concept development; creative and design processes; interactive techniques and styles; and advanced digital video/media production and post production.

Courses: KI25, KI32  Prerequisites: KIB815, KIB803  Contact hours: 3 per week  Credit points: 12
UNIT SYNOPSIS

Campus: KG Semester: 1
► KIB823 DESIGN PRACTICE
With the approval of the Unit Coordinator, the student undertakes an activity within the context of a group project in the field of Communication Design. Access to this unit is reserved for students who have demonstrated an outstanding level of self-directed learning and high level of requisite skills.
Contact hours: 3 per week Credit points: 12
Campus: KG Semester: 1, 2
► KIB825 ANIMATION PRACTICES
The course is an introduction to the creativity and the development of animation. It addresses social, cultural, economic and technological themes that have shaped notable practitioners and established animation as a significant medium for the expression of popular culture, artistic experience and philosophical, social and political comment.
Contact hours: 3 per week Credit points: 12
Campus: KG Semester: 1
► KIB826 3-D ANIMATION 3
The unit focuses on the principles and practices of 3-D animation as a significant medium for the expression of popular culture, artistic experience and philosophical, social and political comment.
Contact hours: 3 per week Credit points: 12
Campus: KG Semester: 1
► KIB860-1 PROJECT
This unit serves as final project seminar which brings together the creative issues, media and organisational skills taught throughout the Communication Design and Information Technology courses. In this unit, students develop new media projects in response to existing projects in the Faculty Research Centres. The unit is structured so that students present their ideas, document the project and then continue to present project progress throughout the semester. The outcome of this unit will provide the basis for a major portfolio work to be presented to peers and industry professionals for assessment. This is a year long unit. Students are required to complete KIB860-2 in the second semester.
Courses: IF90
Prerequisites: Completion of 276 credit points in IF90
Contact hours: 3 per week Credit points: 12
Campus: KG Semester: 1
► KIB860-2 PROJECT
This unit serves as final project seminar which brings together the creative issues, media and organisational skills taught throughout the Communication Design and Information Technology courses. In this unit, students develop new media projects in response to existing projects in the Faculty Research Centres. The unit is structured so that students present their ideas, document the project and then continue to present project progress throughout the semester. The outcome of this unit will provide the basis for a major portfolio work to be presented to peers and industry professionals for assessment. This is a year long unit. Students are required to complete KIB860-1 in the first semester.
Courses: IF90
Prerequisites: KIB860/1
Contact hours: 3 per week Credit points: 12
Campus: KG Semester: 2
► KIN809 INTERACTION DESIGN
This unit provides an introduction to the field of interaction design, including human computer interface design concepts, principles and methodologies involved in the design and development of interactive media.
Courses: KJ36, KJ43
Prerequisites: KIN819, KIN808
Contact hours: 3 per week Credit points: 12
Campus: KG Semester: 2
► KIN810 INFORMATION ARCHITECTURE
This unit provides knowledge of concepts in Information Architecture and their application to the production of large Internet web sites. The concept of information architecture forms the basis for an understanding of the application of advanced multimedia in the design of dynamic web sites. This unit focuses on design supported by practical experience in the production dynamic interactive systems using advanced web technologies. In this unit, students learn to understand and apply the principles of a well designed and structured web site; an advanced data base driven web site; the information architecture behind dynamic web sites; and advanced web design techniques.
Courses: KJ36, KJ43
Prerequisites: KIN808, KIN819
Contact hours: 3 per week Credit points: 12
Campus: KG Semester: 2
► KIN811 VISUAL INTERACTIONS
To be a successful practitioner in the creative industries students will be required to have knowledge and appreciation of visual communication of concepts and the production of various visual formats for a range of settings. By investigating past and current shifts in the representation of the image, this unit provides a foundation for further studies in the field of Communication Design and the broader Creative Industries.
Courses: KJ35, KJ36, KJ43
Contact hours: 3 per week Credit points: 12
Campus: KG Semester: 1
► KIN812 INTERDISCIPLINARITY FOR THE CREATIVE INDUSTRIES
Enrolment in this unit is only available to students enrolled in KI35, KI36 and KI43 Design and technology education which emphasise the mechanistic over the social presents a very limited view of the potential for new media principles and practices. As disciplines, processes and products converge, you must be provided with an explicit framework within which to situate yourselves in order to understand your practice. This unit presents a method for negotiating interdisciplinary practice by establishing authentic learning environments which focus on tools and techniques and modes of expression appropriate for collaborative project work and situates them within research paradigms which enable practice.
Courses: KJ35, KJ36, KJ43
Contact hours: 3 per week Credit points: 12
Campus: KG Semester: 2
► KIN817 PROJECT MANAGEMENT
Project management is a core requirement in the on-time, on-budget completion of projects. 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 to 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 with authority, 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 media project, including its design, including how to manage the client and project resources through its methodology to the project’s completion.
Courses: KJ35, KJ36, KJ43
Contact hours: 3 per week Credit points: 12
Campus: KG Semester: 2, 3
► KIN818 DIGITAL MEDIA
This unit provides an introduction to theories and practices underlying the application of multimedia technology with the Creative Industries, providing a foundation of conceptual and practical skills related to creative industries and critical knowledge of electronic hypermedia production, communication and publishing.
Courses: KJ35, KJ36, KJ43
Contact hours: 3 per week Credit points: 12
Campus: KG Semester: 1
► KIN851-1 DESIGN PROJECT (1/2)
Students enrolled in the Master of Creative Industries (Communication Design) are required to undertake a new media design project. The creative new media project should demonstrate an ability to apply academic and creative knowledge innovatively. The project relies on students synthesizing the communication design core knowledge with their existing experiences to produce innovative solutions to new media related problems.
Courses: KJ43
Prerequisites: KIB812
Contact hours: 4 per week Credit points: 24
Campus: KG Semester: 2
► KIN851-2 DESIGN PROJECT (2/2)
Students enrolled in the Master of Creative Industries (Communication Design) are required to undertake a new media design project. The creative new media project should demonstrate an ability to apply academic and creative knowledge innovatively. The project relies on students synthesizing the communication design core knowledge with their existing experiences to produce innovative solutions to new media related problems.
Courses: KJ43
Prerequisites: KIB812
Contact hours: 4 per week Credit points: 24
Campus: KG Semester: 2
► KJB101 JOURNALISM INFORMATION SYSTEMS
Acquiring students with the uses journalists make of computers in their work: for word-processing, personal information management, time management, and gathering information for stories by searching online and CD-ROM databases. Students will be introduced to the rapid growth of Internet and explore emerging technologies and social implications of these technologies. Students will learn about protocols and standards for email and web surfing.
Courses: KJ32, IF05, IF07, KK32 sub-major offering
Contact hours: 3 per week Credit points: 12
Campus: KG Semester: 1, 2
► KJB120 NEWSWRITING
Students learn to think like journalists, to evaluate information for its potential news value, to interview and perform other reporting tasks and to write news stories; the evolution and theories of news writing.
Courses: KJ32, IF05, IF07, KK32
Contact hours: 3 per week Credit points: 12
Campus: KG Semester: 1, 2
► KJB121 JOURNALISTIC INQUIRY
This unit will develop the basic skills learnt in Newswriting: generating story ideas, researching, conducting interviews, and finding and using news values and angles, and apply them in a practical context. Students will also learn about how practical newswriting skills fit into an online environment. Students will be introduced to the rigours of deadlines and will have opportunities to write stories related to different news rounds throughout the semester.
Courses: IF05, IF07, KJ32, KK32
Prerequisites: KJB120, KJB101
Contact hours: 3 per week Credit points: 12
Campus: KG Semester: 1, 2
► KJB224 FEATURE WRITING
Students conduct interviews and other research, which they use to write Internet, newspaper and magazine articles that profile personalities or that treat processes, events and places to exploit their human-interest value. Undergraduate students must enrol in KJB224, while postgraduate students must enrol in KJ224.
Courses: IF05, IF07, KJ32, KK32, KW32
Prerequisites: KJB120
KJB322 RADIO AND TELEVISION JOURNALISM I

This unit identifies, compares and analyses the diversity of journalistic practice in different countries and regions. In this unit, students will look at historical conditions that have led to variations in journalism across the world, how different politico-economic systems affect journalistic activity, and how and why different news media take distinct approaches to covering world issues. Students will develop the cross-cultural awareness and background knowledge required to identify story ideas, relate to sources and produce news reports in different countries and cultural environments.

Contact hours: 3 per week
Credit points: 12
Campus: KG
Semester: 1, 2, 3

KJB280 INTERNATIONAL JOURNALISM

This unit identifies, compares and analyses the diversity of journalistic practice in different countries and regions. In this unit, students will look at historical conditions that have led to variations in journalism across the world, how different politico-economic systems affect journalistic activity, and how and why different news media take distinct approaches to covering world issues. Students will develop the cross-cultural awareness and background knowledge required to identify story ideas, relate to sources and produce news reports in different countries and cultural environments.

Contact hours: 3 per week
Credit points: 12
Campus: KG
Semester: 1

KJB303 NEWS PRODUCTION

This unit addresses the activities of media industries and media firms. It addresses practical issues such as managing deadlines; producing content in the newsroom, leadership and motivation. Work is done in online journalism, newspaper production, radio and television.

Contact hours: 3 per week
Credit points: 12
Campus: KG
Semester: 2

KJB322 DESKTOP PUBLISHING AND EDITING

Introduction to the basic copy editing and design principles needed to equip themselves with the skills that are incorporated in the latest electronic publishing technology with specific reference to newspapers. Students use agency copy from worldwide sources, and local reports in newspapers and feature page design exercises. Exercises are provided in desktop publishing.

Contact hours: 3 per week
Credit points: 12
Campus: KG
Semester: 1

KJB337 PUBLIC AFFAIRS REPORTING

Advanced reporting unit stressing the watchdog role of the news media and utilising investigative techniques, including computer-assisted reporting, Internet and other online searching. Students write news feature stories for possible publication, and engage in case study role-play exercises for understanding public events/processes and their relationships to news media. The unit is taught in three-hour blocks over the first nine weeks of semester.

Contact hours: 3 per week
Credit points: 12
Campus: KG
Semester: 1

KJB338 RADIO AND TELEVISION JOURNALISM I

Philosophy and formulation of radio and television newscast and current affairs, anchor techniques, radio and television news production using computer.

Contact hours: 3 per week
Credit points: 12
Incompatible with: MB338
Campus: KG
Semester: 1

KJB339 FASHION AND STYLE JOURNALISM

This unit aims to develop a critical understanding of fashion and style journalism in a changing media environment, exploring both historical and global trends. It also offers an opportunity to produce and to critique appropriate editorial content. Where possible, the unit will involve students in contact with journalists and magazines such as Vogue Australia. Students completing the unit will know who does fashion journalism, what it is about, and how to approach it. Where possible, the unit will involve contact with leading fashion journalists and students will develop the cross-cultural awareness and background knowledge required to identify story ideas, relate to sources and produce news reports in different countries and cultural environments.

Contact hours: 3 per week
Credit points: 12
Campus: KG
Semester: 1

KJP105 THEORIES OF JOURNALISM

A summary of the body of literature pertaining to the theories of journalism; identification of individual research interests; attention to the empirical traditions; summary of issues at an advanced level from journalists perspectives through close reading of cases.

Contact hours: 3 per week
Credit points: 12
Campus: KG
Semester: 1

KJP224 FEATURE WRITING

Students conduct interviews and other research, where they then produce a well-structured magazine articles that profile personalities or that treat processes, events and places to exploit their human-interest value. Undergraduate students may not enrol in KJP224, instead, they can take KJB224.

Contact hours: 3 per week
Credit points: 12
Campus: KG
Semester: 1, 2, 3

KKB008 NARRATIVE IN THE CREATIVE INDUSTRIES

Successful communications in the creative industries rely upon narratives in various forms and genres, including visual, aural, written, spoken and kinetic. This unit aims to develop students' understanding of narrative, and to facilitate their ability to use narrative techniques in their own creative work. Students will be introduced to inter-disciplinary examples of narrative forms and conventions, and have the opportunity to develop practical outcomes from their academic study of story-telling.

Contact hours: 3 per week
Credit points: 12
Campus: KG
Semester: 1, 2

KKB018 CREATIVE INDUSTRIES

This unit provides an overview of the creative industries as a major element of the global knowledge economy. It critically analyses issues such as: knowledge-based economy, technological convergence, globalisation, intellectual property, and the relationships between creative and artistic practice and the commercial market place. Such issues are vital to creative industries graduates. This unit helps to prepare students for the perpetually changing, portfolio- and project-based workplace they are likely to encounter.

Contact hours: 3 per week
Credit points: 12
Campus: KG
Semester: 1, 2

KKB055 PROFESSIONAL PRACTICE

This unit offers final-year students the opportunity to immerse themselves within the professional culture of their chosen field through secondment to professional organisations and companies. These secondments will enable the student to gain valuable insights into the professional culture of their chosen field through secondment to professional organisations and companies. These secondments will enable the student to gain valuable insights into the professional culture of their chosen field.

Contact hours: 3 per week
Credit points: 12
Campus: KG
Semester: 1, 2

KKB057 INDEPENDENT STUDY

This unit is designed for those students who wish to investigate an area of study not centrally covered in their course and who wish to have the opportunity to construct and execute their own project. The project may be either theoretical in the field of scholarship or comprise practical disciplinary work. Collaborative projects involving other students are encouraged.

Contact hours: 3 per week
Credit points: 12
Campus: KG
Semester: 1, 2

KKB275 CREATIVE INDUSTRIES, LEGAL ISSUES

Introduces Creative Industries students to the law which applies to their professional practice and disciplinary study. The unit provides a foundational approach to general aspects of law as well as particular topics for students in these fields. Students are introduced to legal frameworks and tutorials that are offered in two strands: Strand 1 for Journalism and Media Communication; Strand 2 for other Creative practices.

Contact hours: 3 per week
Credit points: 12
Campus: KG
Semester: 1, 2

KKB320 WORKPLACE LEARNING

It is important that Creative Industries professionals gain real world experience in order to link university study with professional practice. Students need to equip themselves with the skills and discipline knowledge but also with understandings and experience in order that they may function and flourish when they enter the workplace. This elective unit is offered during the final year of an undergraduate degree course at which time students are able to apply appropriate transferable skills to a workplace or professional context.

Contact hours: 3 per week
Credit points: 12
Campus: KG
Semester: 1, 2

KKB330 WORKPLACE LEARNING

It is important that Creative Industries professionals gain real world experience in order to link university study with professional practice. Students need to equip themselves not only with skills and discipline knowledge but also with understandings and experience in order that they

Q U T H A N D B O O K 2 0 0 4 · P A G E 4 9 6
may function and flourish when they enter the workplace. This elective unit is offered during the first year of an undergraduate degree course at which time students are able to apply appropriate, transferable skills to a workplace or professional context.

**Credit points:** 24  
**Campus:** KG  
**Semester:** 1, 2

**KKB335 PROFESSIONAL MEDIA**

An opportunity to observe and gain insight into the applications of theory to practice. The student is placed with an approved employer. The lecture in each of the four units offered reports from the student at regular intervals. The student is required to contract the completion of a progress report at the end of the program. The student's result is determined on the basis of reports, continuous assessment and the employers' report.

**Courses:** Available to Journalism, FTV majors only. Not available to study abroad or cross institutional students.

**Prerequisites:** Journalism majors: KJB322 or KJB336; FTV majors: KPB155, KPB185

**Contact hours:** 3 per week  
**Credit points:** 12  
**Campus:** KG  
**Semester:** 1, 2

**KKB390 SUPERVISED PROJECT**

Students provide a project with the approval of the Head of Discipline in Film and Television, Journalism, Media Communication or in a field of study relevant to Creative Writing and Cultural Studies. In Media and Communication this unit is available only if appropriate staff and resources are available.

**Contact hours:** FTES (BFA only), Journalism, Media Studies and Creative Writing majors only.

**Credit points:** 96 credit points of undergraduate study in the relevant discipline

**Campus:** KG  
**Semester:** 1, 2

**KKB418 CULTURES AND CREATIVITY**

This unit has been designed to provide students with the cultural and creative literacy skills necessary to effectively participate in the creative industries. It enables students to use writing, design, production and performance skills to explore the relationships between creativity and cultures, including indigenous, multicultural and international perspectives. Topics included in the unit are: consumer identity and culture; identities, creativity and the body; representations of space and time in different cultures; and processes of creative production and reception.

**Courses:** CI Core Unit

**Contact hours:** 3 per week  
**Credit points:** 12  
**Campus:** KG  
**Semester:** 1, 2

**KKB618 WRITING FOR CREATIVE INDUSTRIES**

In the information economy, graduates need new literacies to participate fully in the productive process and society in general. Because new media will continue to emerge, it is essential that graduates possess the foundational skills necessary to negotiate differing circumstances. The written word is an essential element of increasingly visual media, and good writing is founded primarily on organising ideas effectively. Consequently, students will emerge with enhanced ability to organise and evaluate information, synthesise research material into a coherent form, and write ideas in ways that communicate effectively.

**Courses:** CI Core Unit

**Contact hours:** 3 per week  
**Credit points:** 12  
**Campus:** KG  
**Semester:** 1, 2

**KKB704 INDIGENOUS CREATIVE INDUSTRIES**

This unit is under review. Please contact the Course Coordinator for further information.

www.creativeindustries.qut.com

**Campus:** KG

**KKB818 INTRODUCTION TO MULTIMEDIA TECHNOLOGY**

Contemporary modes of electronic media production, publishing and communication within the Creative Industries require graduates to comprehend practical skills related to the use of technologies and processes with a conceptual understanding of these technologies and processes and their relevance to various Creative Industries. These understandings and capabilities are developed in this unit. The unit requires students to have prior experience with: using Windows and/or Macintosh operating systems; Word processing applications e.g. Microsoft Word or Word Perfect; electronic mail (email); and the World Wide Web.

**Courses:** CI Core Unit, KIB32, KIB25 students are not to take this subject

**Contact hours:** 3 per week  
**Credit points:** 12  
**Campus:** KG  
**Semester:** 1, 2, 3

**KKB914 VISUAL AND PERFORMING ARTS CURRICULUM I**

The praxis of visual, conceptual and aesthetic functions of the arts make it a unique and essential mode of learning to contribute to a broad, balanced and relevant curriculum which addresses individual aptitudes and abilities. This subject introduces students to the arts as a circle of disciplines which share similar processes and fulfill related roles in the curriculum.

**Courses:** ED56, ED51, IF82

**Campus:** KG  
**Semester:** 2

**KKB9018 CREATIVE INDUSTRIES**

Provides an overview of the creative industries as a major element of the global knowledge economy. It critically analyses issues such as the rise of a knowledge economy, technological convergence, globalisation, intellectual property, and the relationship between creative and artistic practice and the commercial marketplace.

**Courses:** CI Core Unit

**Contact hours:** 4 per week  
**Credit points:** 12  
**Incompatible with:** KKB018

**Campus:** KG  
**Semester:** 2

**KKB218 CREATIVITY**

This unit is central to the Creative Industries program because it offers a basis in understanding the concept of "creativity" and in the acquisition of skills that promote the creative process and practice throughout a variety of workplace environments and technologies. It is relevant for all working in the Creative Industries professions.

**Courses:** IF06

**Contact hours:** 4 per week  
**Credit points:** 12  
**Semester:** 2

**KKB618 WRITING FOR CREATIVE INDUSTRIES**

Introduces students to the practices and process skills necessary for writing successfully. The three foundational, transferable skills are acquiring and organising information and ideas; organising the information and ideas and writing appropriately for various audiences.

**Courses:** IF06

**Contact hours:** 4 per week  
**Credit points:** 12  
**Incompatible with:** KKB618

**Campus:** KG  
**Semester:** 1, 3

**KKN002 HONOURS GRADUATE SEMINAR**

Seminar program of formal presentations of arts research projects by Honours students. Students also attend weekly presentations in the Masters graduate seminar series.

**Courses:** KK52, KK53

**Contact hours:** 3 per week  
**Credit points:** 12  
**Campus:** KG  
**Semester:** 1

**KKN004-1 HONOURS PROJECT (1/5)**

The Honours project is the major component of the Honours year in Creative Industries. As the Honours year builds upon a completed undergraduate degree, the project gives students the opportunity to pursue in-depth project or dissertation-based work unavailable and inappropriate at undergraduate level. This work demonstrates advanced competence, skills or analytical ability in a chosen discipline and/or interdisciplinary skills or analytical ability. This unit has 5 contact components and all must be completed to obtain final credit points.

**Courses:** KK52, KK53, KK54, KK55

**Credit points:** 12 (60 awarded at the completion of all 5 components).

**Campus:** KG  
**Semester:** 1

**KKN004-2 HONOURS PROJECT (2/5)**

**Courses:** KK52, KK53, KK54, KK55

**Credit points:** 12 (60 awarded at the completion of all 5 components)

**Campus:** KG  
**Semester:** 1

**KKN004-3 HONOURS PROJECT (3/5)**

**Courses:** KK52, KK53, KK54, KK55

**Prerequisites:** KKN004/2

**Credit points:** 12 (60 awarded at the completion of all 5 components)

**Campus:** KG  
**Semester:** 2

**KKN004-4 HONOURS PROJECT (4/5)**

**Courses:** KK52, KK53, KK54, KK55

**Prerequisites:** KKN004/3

**Credit points:** 12 (60 awarded at the completion of all 5 components)

**Campus:** KG  
**Semester:** 2

**KKN004-5 HONOURS PROJECT (5/5)**

**Courses:** KK52, KK53, KK54, KK55

**Prerequisites:** KKN004/4

**Credit points:** 12 (60 awarded at the completion of all 5 components)

**Campus:** KG  
**Semester:** 2

**KKN007 1/8 RESEARCH PROJECT**

Students enrolled part-time or full-time in KK51 Master of Arts (Research) undertake a research project as the major component of their studies. This project may take the form of: EITHER a thesis OR a creative project accompanied by a written component. The creative project could include an exhibition of visual art; a performance (dance, drama, music); or choreography, script or score; or a book-length work of fiction or non-fiction; or a film or multi-media script or production. Units may be either taken one per semester or several per semester, depending on the enrolment pattern recommended by the School in the Course Summary Sheet. (eight units total)

**Courses:** KK51

**Contact hours:** 1 per week  
**Credit points:** 12 for each of the eight units (total 96)

**Campus:** KG

**KKN011 ADVANCED PROFESSIONAL PRACTICE**

An investigation of the student’s professional practice through observation and research in consultation with the supervisor.

**Courses:** KK42

**Contact hours:** 3 per week  
**Credit points:** 12  
**Campus:** KG  
**Semester:** 1

**KKN012 ADVANCED PROFESSIONAL PRACTICE**

Extension and elaboration of the student’s professional practice through evaluation and analysis in consultation with the supervisor.

**Courses:** KK42

**Contact hours:** 3 per week  
**Credit points:** 12  
**Campus:** KG  
**Semester:** 1

**KKN013 ADVANCED PROFESSIONAL PRACTICE**

A significant artistic outcome as part of the student’s skills development including research, rehearsal and preparation for an exhibition or performance.

**Courses:** KK42

**Contact hours:** 12 per week  
**Credit points:** 24  
**Campus:** KG  
**Semester:** 2

**KKN020 APPROACHES TO ENQUIRY IN THE CREATIVE INDUSTRIES**

Advanced information retrieval, academic writing and technical literacy, research proposal, literature review, project management for researchers and the politics, business and ethics of research in the visual and performing arts.

**Courses:** KK42

**Contact hours:** 3 per week  
**Credit points:** 12  
**Campus:** KG  
**Semester:** 1, 2

**KKN320 WORKPLACE LEARNING**

An opportunity for Creative Industries professionals gain real work experience in order to link university study with professional practice. Students need to equip themselves not only with skills and discipline knowledge but also with understandings and experience in order that they may function and flourish when they enter the
workplace. This elective unit is offered during the final year of an undergraduate degree course at which time students are able to apply appropriate, transferable skills to a workplace or professional context.

Courses: Creative Industries (Postgraduate)
Credit points: 12
Semester: 1, 2

► KKN330 WORKPLACE LEARNING
It is important that Creative Industries professionals gain real work experience in order to link university study with professional practice. Students need to equip themselves not only with specific discipline knowledge but also with understandings and experience in order that they may function and flourish when they enter the workplace. This elective unit is offered during the final year of an undergraduate degree course at which time students are able to apply appropriate, transferable skills to a workplace or professional context.

Credit points: 24
Campus: KG
Semester: 1, 2

► KKN600 ADVERTISING CREATIVE: MAJOR PROJECT
This unit will give students the opportunity to take a creative director role in the production of a podcast. Students work as a transnational brand. The major project includes the development of three fundamental outcomes: a creative strategy for a major advertising campaign; an advertising campaign, and a rationale. Students will be required to publish, exhibit or perform a formal presentation to relevant industry parties.

Credit points: 24
Campus: KG

► KPK107 DISSERTATION
The culmination of the degree in Creative Writing, Film and Television, Journalism or Media & Communication in that students apply the theory and research material covered in earlier units to explore in some depth an applied or theoretical topic in their chosen discipline area. The dissertation is normally based on information from secondary sources and comprises a written report of approximately 12000 to 15000 words.

Credit points: 48 total
Campus: KG
Semester: 1, 2

► KMB056 THE MUSIC INDUSTRY
This unit aims to facilitate a smooth and confident transition from undergraduate experiences to life in the arts workforce. Exploration of current issues in the arts, and development of professional skills in public speaking, meeting procedures and career management.

Credit points: 12
Campus: KG
Semester: 1, 2

► KMB816-1 GROUP MUSIC
Students experience the cooperative interaction of music-making as a participant or a leader. As this is a year long unit, students must enrol in KMB816-2 in the second semester.

Credit points: 12
Campus: KG
Semester: 1, 2

► KMB816-2 GROUP MUSIC
This unit provides students with further experience of music-making through a variety of small and large ensembles as part of, or in support of a music industry activity.

Credit points: 12
Campus: KG
Semester: 1, 2

► KMB817 ARRANGING
Development of advanced composition and arrangement skills for instrumental/choral ensembles using music of various styles.

Credit points: 12
Campus: KG
Semester: 1, 2

► KMB817 SOUNDTRACKS FOR FILM AND TELEVISION
Development of programmatic compositional skills with particular reference to the impact of music on moving pictures and an understanding of SMPTE and a study of film analysis with visual and/or thematic coding.

Credit points: 12
Campus: KG
Semester: 1

► KMB819 MUSIC AND SOUND TECHNOLOGY
An introduction to the broad range of options available to the musician in the age of technology. Through the universal electronic language of MIDI students explore sequencers as a tool for music composition, as well as the basics of sound. NOTE: Semester One offered to KM32, IX07, KM35, KM36, KM42 ONLY. Semester Two offered to all others as mentioned above.

Credit points: 12
Campus: KG
Semester: 1, 2

► KMB820-1 SOUND RECORDING AND ACOUSTICS
An introduction to the fundamentals of the physical world of sound, basic signal flow, sound recording and acoustics. NOTE: Semester Two offering only available to KM32, KM35, KM36, KM42, IX07.

Credit points: 12
Campus: KG
Semester: 1, 2

► KMB822 MULTI-INSTRUMENTAL MUSIC A
Wide range of music-making options through the study of additional instrument(s). Students normally choose an instrument closely related to that of their Principal Study.

Credit points: 12
Campus: KG
Semester: 1

► KMB826 MUSIC AND SOUND FOR MULTIMEDIA
This unit deals with studio recording techniques, computer-assisted composition, the role of music in nonlinear construction of the text and affect in sound in digital media productions, sound effects and foley techniques, musical acoustics, and digital sound theory.

Credit points: 12
Campus: KG
Semester: 2

► KMB830-JAZZ AND POPULAR MUSIC
Students experience the cooperative interaction of music-making as a participant or a leader. As this is a year long unit, students must enrol in KMB829-1 in the first semester.

Credit points: 12
Campus: KG
Semester: 1

► KMB832-1 CORE MUSICALITY
Students will develop skills in creative musical thinking and music making. Content includes aural training, keyboard lab, composition techniques, contextual study, analysis, composition and improvisation presentations and the application of computer music printing software.

Credit points: 12
Campus: KG
Semester: 1

► KMB833 CORE MUSICALITY 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.

Credit points: 12
Campus: KG
Semester: 2

► KMB834 CONTEMPORARY ART MUSIC MUSCIANSHIP
This unit focuses on art music of the last 100 years and up to the present day. It integrates aural training, analysis, composition and context (music history) into a coherent package.

Credit points: 12
Campus: KG
Semester: 1

► KMB835 SOUND MEDIA MUSCIANSHIP
This unit offers an in-depth study of music as a sound phenomenon. It explores music through understanding the physics of sound, psycho-aesthetics, spectro-morphology, and digital tools for sound manipulation. As a musicianship unit, this exploration involves analysis, research and composition.

Credit points: 12
Campus: KG
Semester: 2

► KMB836 CROSS CULTURAL MUSCIANSHIP
Musicians operate in a complex cultural environment fuelled by increased communication and technology. In this unit the student’s ability to research, analyse and create music drawing from a diverse range of cultures is developed.

Credit points: 12
Campus: KG
Semester: 1

► KMB837 JAZZ AND POPULAR MUSIC MUSCIANSHIP
This unit offers a study of the development of jazz and contemporary popular music through analysis, composition and complementary aural and keyboard musicianship sessions.

Credit points: 12
Semester: 1
**UNIT SYNOPSIS**

Courses: KMB32, IF77 Prequisites: KMB633

Contact hours: 5 per week Credit points: 12

Campus: KG Semester: 1

**KBMB638 SOUND AND IMAGE**

Students explore why they are influenced and manipulated by the interaction of narrative, moving images, sound activities and music in their imagination. Through a discussion of classic and contemporary world examples students map this interaction through the lenses of criticism and viewing.

Courses: CI Open Elective

Contact hours: 3 per week Credit points: 12

Campus: KG Semester: 2

**KBMB640 SEX, DRUGS, ROCK N ROLL**

Students will gain an insight into the musical, societal, artistic economic and political landscape of the innovative music of the 21st century including rock and pop music, world music, dance music, indigenous music and new age music.

Courses: CI Open Elective

Contact hours: 3 per week Credit points: 12

Campus: KG Semester: 1

**KBMB648 THE MUSIC SCENE**

The 1960s saw Australian music starting to break free from its colonial past. With this came an impetus to provide the necessary industry to support the developing music culture. In parallel, Australian popular and indigenous music was beginning to achieve some worldwide successes. Today with the increasing globalisation of the music industry, the local scene takes on new meanings. This unit will explore these relationships both musically and culturally.

Courses: KMB32, IF77, IX07

Contact hours: 3 per week Credit points: 12

Campus: KG Semester: 2

**KBMB649 INTRODUCTORY MUSICIANSHIP**

Students will study improvisation and music production, undertake an extensive listening program and develop sound creative and conceptual skills. The unit is intended to stimulate both beginners and experienced musicians, adopting a fresh approach to the field.

Courses: All except KMB32, IF77, IX07

Contact hours: 3 per week Credit points: 12

Campus: KG Semester: 2

**KBMB650 INTRODUCTORY ENSEMBLE**

This unit allows students to work in a choral or other approved ensemble. The cooperative interaction of performance and other music-making activities is an essential ingredient in the training of the mature musician and one which will enhance individual and the group. The benefits reach into daily life and assist the student to better work in groups.

Courses: All except KMB32, IF77, IX07

Credit points: 12

Campus: KG Semester: 2

**KBMB651 MUSIC PERFORMANCE 1**

This series of sequential units begins with the development of a secure and reliable technique on a principal instrument or voice. Content includes individual lessons and masterclasses, attendance and participation in weekly performance seminars and group rehearsals of a wide range of music appropriate to the ensemble of choice.

Courses: IF77, KM32, IX07

Prerequisites: KMB651

Credit hours: 5 per week Credit points: 12

Campus: KG Semester: 1

**KBMB652 MUSIC PERFORMANCE 2**

The development of a secure and reliable technique on a principal instrument or voice. Content includes individual lessons and masterclasses, attendance and participation in weekly performance seminars and group rehearsals of a wide range of music appropriate to the ensemble of choice.

Courses: IF77, KM32, IX07

Prerequisites: KMB652

Credit hours: 5 per week Credit points: 12

Campus: KG Semester: 1

**KBMB654 MUSIC PERFORMANCE 4**

Content includes small group learning work, attendance and participation in weekly performance seminars and group rehearsals of a wide range of music appropriate to the ensemble of choice.

Courses: IF77, KM32, IX07

Prerequisites: KMB654

Credit hours: 5 per week Credit points: 12

Campus: KG Semester: 2

**KBMB655 MUSIC PERFORMANCE 5**

This unit acknowledges that there are a broad range of activities and outcomes for music performers in the contemporary world of music and it is essential for musicians to position themselves wisely and appropriately within the field. This final year unit is intended to provide an array of music performance options to assist students in their future career in the music industry. This is a choice unit. Students must enrol in KBMB655/2 in Semester Two.

Courses: KMB32

Prerequisites: KMB654 or 96 credit points in KM32

Credit points: 24

Campus: KG Semester: 2

**KBMB656 MUSIC PRODUCTION 1**

Sequential units beginning with the development of a secure and reliable technique on a composition or production skill. Content includes small group learning work, attendance and participation in weekly performance seminars and group rehearsals of a wide range of music appropriate to an ensemble.

Courses: IF77, KI25, KM32, KV25, IX07

Contact hours: 5 per week Credit points: 12

Campus: KG Semester: 1

**KBMB657 MUSIC PRODUCTION 2**

The development of a secure and reliable technique on a composition or production skill. Content includes small group learning work, attendance and participation in weekly performance seminars and group rehearsals of a wide range of music appropriate to an ensemble.

Courses: IF77, KI25, KM32, KV25, IX07

Contact hours: 5 per week Credit points: 12

Campus: KG Semester: 1

**KBMB658 MUSIC PRODUCTION 3**

Content includes small group learning work, attendance and participation in weekly performance seminars and group rehearsals of a wide range of music appropriate to an ensemble.

Courses: IF77, KI25, KM32, KV25, IX07

Prerequisites: KMB657

Credit hours: 5 per week Credit points: 12

Campus: KG Semester: 2

**KBMB659 MUSIC PRODUCTION 4**

The continued development of a secure and reliable technique on a composition or production skill. Content includes small group learning work, attendance and participation in weekly performance seminars and group rehearsals of a wide range of music appropriate to an ensemble.

Courses: IF77, KI25, KM32, KV25, IX07

Prerequisites: KMB658

Credit hours: 5 per week Credit points: 12

Campus: KG Semester: 2

**KBMB660 MUSIC PRODUCTION 5**

This unit follows from KMB659 and enables students to further develop their project. Students are required to attend a weekly evening seminar and present as required.

Courses: KMB35, KMB36, KM42

Contact hours: 2 per week Credit points: 24

Campus: KG Semester: 1, 2

**KNMN601 MUSIC PROJECT 1**

This is the first in a sequence of self-directed project units. Students will undertake an music project of relevance to the creative industries. This will incorporate discovery, practice and reflection. This unit may be taken in the most appropriate location to ensure a successful outcome and the detail would be agreed with their supervisor. Students are required to attend a weekly evening seminar and present as required.

Courses: KMB35, KMB36, KM42

Credit hours: 6 per week Credit points: 24

Campus: KG Semester: 1, 2

**KNMN602 MUSIC PROJECT 2**

This unit follows from KNMN601 and enables students to further develop their project. Students are required to attend a weekly evening seminar and present as required.

Courses: KMB35, KMB36, KM42

Contact hours: 2 per week Credit points: 24

Campus: KG Semester: 1, 2, 3

**KNMN603 MUSIC PROJECT 3**

This unit follows from KNMN602 and enables students to further develop their project. Students are required to attend a weekly evening seminar and present as required.

Courses: KMB35, KMB36, KM42

Prerequisites: KNMN602

Credit hours: 6 per week Credit points: 24

Campus: KG Semester: 1, 2, 3
UNIT SYNOPTES

Contact hours: 2 per week  Credit points: 24
Campus: KGB  Semester: 1, 2, 3

KMN604 MUSIC PROJECT 4
This unit follows from KMN603 and enables students to further develop their project. Students are required to attend a weekly evening seminar and present as required. Courses: KM35, KM36, KM42 Prerequisites: KMN603 Contact hours: 2 per week  Credit points: 24
Campus: KG  Semester: 1, 2, 3

KMN605 MUSIC PROJECT 5
This unit follows from KMN604. In this unit the student will complete their project. Students are required to attend a weekly evening seminar and present as required. Courses: KM35, KM36, KM42 Prerequisites: KMN604 Contact hours: 2 per week  Credit points: 24
Campus: KG  Semester: 2

KMM606 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: KM35, KM36, KM42 Prerequisites: KMB619 OR KMB621 Contact hours: 3 per week  Credit points: 12
Campus: KG  Semester: 1, 2

KMM609 INDEPENDENT PROJECT
It is important for those students who wish to investigate an area of study or discovery not centrally covered in the compulsory units, to have the opportunity to construct and execute a project in an area of their own choice. The project may be in the field of scholarship and research or in creative work within music or in interdisciplinary work. Courses: KM35, KM36, KM42 Contact hours: 3 per week  Credit points: 12
Campus: KG  Semester: 1, 2, 3

KMN611 MULTI-INSTITUTIONAL 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, and to have them engage with multi-institutional 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 teaching. Courses: KM35, KM36, KM42 Contact hours: 3 per week  Credit points: 12
Campus: KG  Semester: 2, 3

KMN612 MULTI-INSTITUTIONAL STUDIES 2
This unit is designed to deepen students’ practical skills through the study of second instruments, and to have them engage with multi-institutional pedagogical methods. Students will work through an intensive program in groups, on a variety of instruments, to obtain fundamental skills on those instruments which will develop and enhance their multi-instrument skills for group instruction. Courses: KM35, KM36, KM42 Prerequisites: KMN611 or equivalent Contact hours: 3 per week  Credit points: 12
Campus: KG  Semester: 2, 3

KMN615 ADVANCED CONDUCTING
This unit is designed to further acquaint Music students with a wide range of works and styles and to assist them to achieve artistic objectives in music performance through an intensive program covering workshop activities. Courses: IF77, IX07, KM32, KM35, KM36, KM42 Prerequisites: KMB623 Contact hours: 3 per week  Credit points: 12
Campus: KG  Semester: 3

KMN618 COMPOSING FOR MOVING PICTURES
Development of programmatic compositional skills with particular reference to the impact of music on moving pictures and an understanding of SMPTE and MIDI standards. Students will study visual and/or thematic coding. Courses: KM35, KM36, KM42 Prerequisites: KMB619 or KMB633 or equivalent Contact hours: 3 per week  Credit points: 12
Campus: KG  Semester: 1

KMN626 MUSIC & SOUND FOR DIGITAL MEDIA
This unit deals with studio recording techniques, computer-assisted composition, the role of music and sound in nonlinear media, and the impact of sound in digital media productions, sound effects and Foley techniques, musical acoustics, and digital sound technologies. Courses: KM35, KM36, KM42 Prerequisites: KMB621 or KMB619 Contact hours: 3 per week  Credit points: 12
Campus: KG  Semester: 1, 2

KMN630 MATERIALS OF MUSIC
An introduction to the concepts of texture in music. The study of textural design has been enriched by developments in music technology, enabling music to be heard as pure timbre in the sound media. This unit includes the techniques of orchestration, and other arranging techniques. Courses: KM36, KM42 Contact hours: 3 per week  Credit points: 12
Campus: KG  Semester: 1

KMP423 MUSIC CURRICULUM STUDIES 1
Focuses on curriculum and methods of teaching music in the junior secondary school, with emphasis on singing, aural training and music literacy. Philosophical bases for the development, implementation of principles and writing of individual lesson plans for use in teaching practice. Courses: ED19, ED55, IF77 Prerequisites: 72 credit points in Music Contact hours: 3 per week  Credit points: 12
Campus: KG  Semester: 2

KMP431 MUSIC CURRICULUM STUDIES 2
Advanced practical applications in assessment, curriculum planning and teaching and learning strategies relevant to secondary music education. Courses: ED19, ED55, IF77 Prerequisites: KMP423 Contact hours: 3 per week  Credit points: 12
Campus: KG  Semester: 1

KMP432 MUSIC CURRICULUM STUDIES 2A
Extension studies in methods of teaching and curricula relevant to specialist teachers of instrumental, secondary or primary music. Courses: ED19, ED55, IF77 Prerequisites: KMP434 Contact hours: 3 per week  Credit points: 12
Campus: KG  Semester: 1

KMP434 MUSIC CURRICULUM STUDIES 1A
A specialist study in instrumental or primary curriculum for students planning careers in teaching; materials, curricula and appropriate methods of teaching related to the relevant strands. Courses: ED19, ED55, IF77 Prerequisites: 144 credit points in Music Contact hours: 3 per week  Credit points: 12
Campus: KG  Semester: 2

KPB118 PHOTOMEDIA: TRADITIONS AND TECHNIQUES
This unit examines the roles of photography and the photographer in society. It introduces you to digital technology, which serves as an underlying dynamic practice. The unit offers an understanding of photographic principles, as well as a proficiency in technique and manufacture, which will give you technological skills appropriate to your discipline. Because this unit is introductory, it is the pre-requisite for the foundational studies of your course. Please note that you will need to access commercial processing facilities. It is not a requirement of the unit, but students who can do so are encouraged to enrol. This unit is taught centrally in the Kelvin Grove (KG) campus. This unit is subject to a strict quota system. enrolment numbers are 40, 24 and 24. Preference for KP15, KP32, KP36.

Courses: KP25, KP32 Contact hours: 3 per week  Credit points: 12
Campus: KG  Semester: 1, 2

KPB130 MEDIA TEXT ANALYSIS
Acquaints students with a range of approaches, both traditional and contemporary, to the analysis of media texts. Equips students with practical methods of understanding the creation and structuring of social meaning through media. The focus is on the analysis of texts drawn from the following areas: Utilitarianism, New Criticism and the traditional legacy; Semiotics and Structuralism/Post-Structuralism; Marxism and Contextual/Historical Approaches; Feminism, Psychoanalysis, and Multiculturalism. The media texts chosen will include newspaper articles, cartoons, photographs, advertisements, films and television programs. Courses: KK32, IX06, IX08, ED50, ED59 Contact hours: 3 per week  Credit points: 12
Campus: KG  Semester: 1

KPB141 FILM AND TELEVISION LANGUAGE
Surveys the processes by which meaning is constructed in film and television programs. This is first studied in relation to the question of form, and attention is given to how films, both narrative and non-narrative, are constructed. The meaning may be structured. The production of meaning is explored through a detailed examination of mise-en-scene (movement and placement of actors, setting, lighting, and costume), cinematography (including camera-angle, camera-distance, camera-movement and special effects), editing and sound. Courses: KK32, KP25, IF09, IF10, IX05, IX06, IX08, ED50 Contact hours: 4 per week  Credit points: 12
Campus: KG  Semester: 2

KPB155 MEDIA PRODUCTION
Should be combined with KPB155. Basic design for informational, creative, corporate, documentary and drama productions. Exploration of the history and theory of design for media production. Introduction to the design of project management, strategy, art and screen direction, images, sounds and sequences of audio visual montage at an introductory level. Introduction to video project management; image capture and lighting design; sonic capture and audio design; visual montage and image mixing. * Students in KP25, KP35, KP36, KJ32, IF07, IF05, IF07, IF09 can apply to enrol in semester one. ** Students in KP25, KP32, IF07, IF05, KJ32, IF07, IF09 can apply to enrol in semester two. Courses: KP25, KP35, KP36, IF05, IF07, IF09 Contact hours: 3 per week  Credit points: 12
Campus: KG  Semester: 1, 2

KPB185 INFORMATIONAL PRODUCTION
Forms of training and educational materials development as they apply to informational media. Exploration of the historical and theoretical underpinnings of informational media. Training in management, direction, camera, sound and editing as they apply to moving image media at an introductory level. Project in practice manage- ment, performance and art; direct image capture and lighting design; sonic capture and audio design; visual montage and image mixing. This is a quota based unit with preference given to FTV majors. Courses: KP25, KP32, KP35, KP36 Prerequisites: KWB111, KPB118 and 1 per w. students. Contact hours: 3 per week  Credit points: 12
Campus: KG  Semester: 1, 2, 3

KPB190 CREATIVE PRODUCTION
Experimentation in the coverage of live movement events; the visual interpretation of sound;
the sonic transformation of visual events. Exploration of the historical and theoretical underpinning 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 corporate productions.

Courses: KP25
Prerequisites: KPB185, KPB155
Contact hours: 6 per week Credit points: 24
Campus: KG Semester: 1
► KPB260 COMMUNITY AND EDUCATIONAL VIDEO

This unit introduces students to directing methods in the production of educational and community-focused video production using video cameras, editing equipment and computers; maximising opportunities for the use of new wave technologies to produce magazine programs, oral histories, corporate promotional, educational and training videos. This unit is quota based with preferences given to Education and FTV majors.

Courses: KPB260
Contact hours: 6 per week Credit points: 12
Campus: KG Semester: 1

► KPB265 CORPORATE PRODUCTION

Electronic field production and television studio production: the development and application to business communication. Exploration of the historical and theoretical underpinnings of corporate television and video production. Training in management, direction, camera, sound and editing as they apply to corporate moving image media at an advanced level. Practice in specialist roles on corporate productions.

Courses: KP25
Prerequisites: KWB111, KPB155, KPB185
Contact hours: 6 per week Credit points: 24
Campus: KG Semester: 2

► KPB268 FILM AND TELEVISION DRAMA PRACTICE

This unit introduces students to directing methods in the production of television drama. Students will be exposed to different approaches to directing actors. The unit will examine a number of current directing methods that are used by the film and television industry today, and a range of dramatic techniques and aesthetic techniques. In addition, the unit will familiarise students with the role of the director and the differences between the role of a theatre director and a television director. Students will be expected to assimilate the principles outlined in the unit into their own creative work and will be formatively assessed on dramatic screenplays they write in the unit.

Courses: KP25
Prerequisites: KWB111, KPB155, KPB185, KPB190, KP265
Contact hours: 3 per week Credit points: 12
Campus: KG Semester: 1

► KPB270 FILM DRAMA PRODUCTION

Film or video production which uses actors as mediators in the communication of fictional events. Exploration of the historical and theoretical underpinnings of fictional motion picture art. Training in management, direction, camera, sound and editing at a professional level. Practice in the role of the videomaker on short drama production/s.

Courses: KP25
Prerequisites: KPB111, KPB155, KPB185, KPB190, KP265, KP268
Contact hours: 6 per week Credit points: 36
Campus: KG Semester: 2
This advanced work will include development of the skills required in acting for film and television.

Courses: KS26
Prerequisites: KSB247
Contact hours: 20 per week Credit points: 12
Campus: KG Semester: 2

KSB255 THEATRE PROJECT 1
Students participate in a season of semi-profiled performance projects, working as an ensemble performing roles for film and stage.

Courses: KS25, KS26
Prerequisites: KSB248 or (KSB291 and KS293 for TP students)
Contact hours: 30 per week Credit points: 36
Campus: KG Semester: 1, 2

KSB256 THEATRE PROJECT 2
A season of profiled performance projects, providing students with the opportunity to demonstrate their skills to potential employers in the theatre and film work.

Courses: KS25, KS26 Prerequisites: KSB255
Contact hours: 30 per week Credit points: 36
Campus: KG Semester: 1, 2

KSB257 THE PERFORMANCE INSTRUMENT: BODY AND VOICE
Understanding vocal and physical patterns; application of integrated approach to body and voice in personal expression. This unit will have number restrictions.

Courses: CI Open Elective Contact hours: 3 per week Credit points: 12
Campus: KG Semester: 1

KSB274 THEATRECRFT
Development of practical skills in workshop and pre-production areas of stage scenery, props and costumes.

Courses: KS25, KS26 Corequisites: KSB289
Contact hours: 4 per week Credit points: 12
Campus: KG Semester: 2

KSB276 VISUAL THEATRE - DESIGN
Role of visual expression in theatrical events; elements of space; approaches to researching design elements; bearing of text and resources on events; Western and Eastern influences.

Courses: KS26 Corequisites: KSB290
Contact hours: 3 per week Credit points: 12
Campus: KG Semester: 1

KSB278 TECHNICAL THEATRE
Develop an understanding of basic theatrical lighting and sound operations, as well as stage mechanics, flying, props and wardrobe and event management.

Courses: CI Open Elective Contact hours: 4 per week Credit points: 12
Campus: KG Semester: 2

KSB289 TECHNICAL PRODUCTION 1
Development of basic skills in theatrical lighting and sound operation and their integration into the overall production process.

Courses: KSB26 Corequisites: KSB292
Contact hours: 6 per week Credit points: 12
Campus: KG Semester: 1

KSB290 TECHNICAL PRODUCTION 2
Continuation of creative use of lighting and sound in performances. Introduction to lighting and sound design.

Courses: KSB26
Prerequisites: KSB289, KSB292
Contact hours: 6 per week Credit points: 12
Campus: KG Semester: 2

KSB291 TECHNICAL PRODUCTION 3
Broadening of skills base in areas of lighting and sound into drama, contemporary dance, ballet, opera, musicals, concerts and television productions.

Courses: KS26
Prerequisites: KSB289, KSB290, KSB292, KS293
Contact hours: 6 per week Credit points: 12
Campus: KG Semester: 2

KSB292 STAGE MANAGEMENT 1
Introduction to the management issues in areas of stage mechanics, flying, props and wardrobe and participation of students to undertake production roles in these departments; an introduction into stage management for Dance, Opera and Musicals.

Courses: KS26
Prerequisites: KSB289, KSB292
Contact hours: 6 per week Credit points: 12
Campus: KG Semester: 1

KSB293 STAGE MANAGEMENT 2
Introduction to the management issues in areas of stage mechanics, flying, props and wardrobe and participation of students to undertake production roles in these departments; an introduction into stage management for Dance, Opera and Musicals.

Courses: KS26
Prerequisites: KSB289, KSB292
Corequisites: KSB290
Contact hours: 6 per week Credit points: 12
Campus: KG Semester: 1

KSB294 STAGE MANAGEMENT 3
Broadening the skills base for stage managers into production and event management.

Courses: KS26
Prerequisites: KSB289, KSB290, KSB291, KSB292
Corequisites: KSB255
Contact hours: 4 per week Credit points: 12
Campus: KG Semester: 1

KSB295 PROFESSIONAL STUDIES: PERFORMING SELF
This unit aims to facilitate a smooth and confident transition from undergraduate experiences to life in the arts workforce. Exploration of current issues in the Creative Industries, and development of professional skills including public speaking, incorporating voice, intellect, body and emotion. Suitable only for students in third or fourth year.

Courses: CI Open Elective Contact hours: 3 per week Credit points: 12
Campus: KG Semester: 1, 2

KTB061 ARTS MANAGEMENT
An introduction to management techniques within the Australian creative industries environment, including company structures, cultural policy, strategic management and leadership in the creative industries. Students will be introduced to the requirements of arts, boards, entrepreneurial activity.

Courses: CI Open Elective Contact hours: 3 per week Credit points: 12
Campus: KG Semester: 1

KTB062 ARTS EVENTS
Combination of practical and theoretical investigation into how strategy and mission work in arts agencies in the Creative Industries, including arts and cultural events, promotions and public relations.

Courses: CI Open Elective Contact hours: 3 per week Credit points: 12
Campus: KG Semester: 1

KTB208 ELEMENTS OF DRAMA
An introduction to key features of drama across art forms that combines theory with the dramatic action of the rehearsal room.

Courses: CI Open Elective, ED26, ED53, ED55, ED56, ED57, ED90, ED91, ED92 Contact hours: 3 per week Credit points: 12
Campus: KG

KTB214 PROCESS DRAMA
This unit introduces the processual nature of drama and theatre through workshops involving role play, participant enrolment, leader-in-role and intervention; identification with role; negotiation, devising and consequent decision-making; dramatic tension and resolution; structure for the theme and for the dramatic moment; distancing devices; reflection, re-engagement and re-making.

Courses: KT32, IX05, IX06, IX07, IX08 Contact hours: 3 per week Credit points: 12
Campus: KG Semester: 1

KTB251 20TH CENTURY STAGES
This unit will introduce students to the major theatre movements of the 20th Century. Students will investigate key theatre practitioners and their innovations.

Courses: KK32, KS25, KS26, KT32, IF76, IX06, IX05, IX07, IX08 Contact hours: 3 per week Credit points: 12
Campus: KG Semester: 2
UNIT SYNOPSIS

**KTB252 THE SOUND OF THEATRE**
An introduction to the key features and major stages of western music theatre traditions, through reference to a variety of performance styles, practitioners and periods. The possibility of symbiotic relationships between sound and performance is explored in theory and practice.

Courses: KTB2, IX06, IF76

Contact hours: 3 per week Credit points: 12

Campus: KG Semester: 1

**KTB253 STAGING AUSTRALIA**
Key concepts and practices pertaining to Australian theatre and drama of the twentieth century, including indigenous performance, post-colonialism, Bush Drama, tradition, and contemporary forms. Theatre practices are explored in relation to broader social and political concerns.

Courses: KTB2, IF76, IX06, IX05, IX07, IX08

Contact hours: 4 per week Credit points: 12

Campus: KG Semester: 1

**KTB257 STUDIES IN ACTING 1**
Introduction to the work of Stanislavski and a number of his key interpreters including Cohen, Benedetti, Hagen, Adler and Moore. Exploration of a unit styles including an examination of alternative theories of performance.

Courses: KKB2, KTB2, IX06, IX05, IX07, IX08

Contact hours: 4 per week Credit points: 12

Campus: KG Semester: 1

**KTB271 STUDIES IN DIRECTING**
History of the development of the role of the director; theoretical study of key innovative directors in the European tradition. Opportunities to extend understandings of artistic and practical issues involved in directing, and to rehearse and performing an extract from a play and giving it an imaginative treatment.

Courses: KTB2, IX06, KKB2, C1 Open Elective

Contact hours: 3 per week Credit points: 12

Campus: KG Semester: 2

**KTB272 DRAMA AND COMMUNITY CULTURAL DEVELOPMENT**
The development of the role of the director; theoretical study of key innovative directors in the European tradition. Opportunities to extend understandings of artistic and practical issues involved in directing, and to rehearse and performing an extract from a play and giving it an imaginative treatment.

Courses: KTB2, IX06

Contact hours: 3 per week Credit points: 12

Campus: KG Semester: 2

**KTB273 PERFORMANCE 1**
Introduction to a clearly defined rehearsal ethic through extended performance project. Text analysis, formal group discussion, role creation and rehearsal, live performance of a scripted drama before an audience.

Courses: KTB2, IX06

Contact hours: 5 Corequisites: KTB254

Contact hours: 5 per week Credit points: 12

Campus: KG Semester: 2

**KTB275 UNDERSTANDING PERFORMANCE**
In this unit, students will investigate paradigms of performance, performance as trans-disciplinary practice, live and mediated performance, performance as an embodied experience, and performance identity, critical viewing and audiences.

Courses: KTB2, IF76, IX06

Contact hours: 3 per week Credit points: 12

Campus: KG Semester: 1

**KTB277 PHYSICAL THEATRE**
Students will experience a range of physical skills within the context of non-text based performance taught by professional theatre practitioners.

Courses: KTB2, IX06, KD32

Contact hours: 4 per week Credit points: 12

Campus: KG Semester: 1

**KTB280 DRAMA AS SOCIAL ACTION**
Combination of practical and theoretical investigation into the process of improvisation and the way drama can be used as a tool for critical enquiry and social change. Provides basis for further work in theatre and advanced improvisational skills.

Courses: KTB2, IX06, IX05, IX07, IX08

Prerequisites: KTB257

Contact hours: 3 per week Credit points: 12

Campus: KG Semester: 2

**KTB304 FORMING KNOWLEDGE**
Students will explore a range of paradigms of knowledge and their relationship to arts practice and theatre. It acknowledges the aesthetic field of experience in all human endeavour, related to concepts of human intelligence and knowing.

Courses: KTB2, IX05, IX05, IX07, IX08

Contact hours: 3 per week Credit points: 12

Campus: KG Semester: 2

**KTB306 DIRECTING FOR THEATRE**
Analysis of the directors role in production management including play selection, resource allocation, planning, management, design, publicity and an introduction to blocking techniques.

Courses: KTB2, IX06 Prerequisites: KTB271

Contact hours: 3 per week Credit points: 12

Campus: KG Semester: 1

**KTB307 WRITING FOR PERFORMANCE**
Writing for Performance focuses on conceptualising, building and reading narrative for live performance, blends theory and practice in the creation and critique of a short new work.

Courses: KTB2, IF06, IX06, CI Open Elective

Contact hours: 4 per week Credit points: 12

Campus: KG Semester: 2

**KTB308 PERFORMANCE 2**
Development of a performance piece through group planning, management, documentation and analysis.

Courses: KTB2, IX06 Prerequisites: KTB273

Contact hours: 4 per week Credit points: 12

Campus: KG Semester: 1

**KTB309 PERFORMANCE 3**
This final year elective unit provides Theatre Studies students with an opportunity to collectively manage and perform a public season of an original production or series of smaller performances.

Courses: KTB2, IX06

Prerequisites: KTB308

Contact hours: 5 per week Credit points: 12

Campus: KG Semester: 2

**KTB310 STUDIES IN ACTING 3**
This unit addresses the relationship between ideas and the way they are formed into action. It is designed to move the student into areas of advanced preparation for creating a performance by introducing major theoretical issues in contemporary cultural and performance analysis and developing advanced acting skills.

Courses: KTB2

Prerequisites: KTB257

Contact hours: 3 per week Credit points: 12

Campus: KG Semester: 1

**KTB414 DRAMA CURRICULUM STUDIES 1**
An introduction to the theoretical and practical knowledge, understandings and skills needed for effective Drama teaching. Students will be introduced to key Drama syllabus documents and acquire skills and understandings related to the classroom, the school and the school community.

Courses: ED55, IF76, IF75, IF77, IF78

Prerequisites: 96 credit points in each relevant discipline area

Contact hours: 5 per week Credit points: 12

Campus: KG Semester: 2

**KTB415 DRAMA CURRICULUM STUDIES 2**
This unit extends on the work undertaken in KTB414 and focuses on: assessment in the drama curriculum; building units based on syllabus documents; deepening management and artistic leadership in the drama classroom; building awareness of contemporary educational imperatives and their relevance to Drama teaching; new technologies. It provides opportunities to develop skills as a reflective practitioner and to value and practice aesthetic teaching and learning in the classroom.

Courses: ED55, IF76, IF75, IF77, IF78

Prerequisites: KTB414

Contact hours: 5 per week Credit points: 12

Campus: KG Semester: 1

**KTN001 PERFORMING NARRATIVES**
In this unit, students will examine reviewing practices of storytelling and constructing narrative techniques for the oral, the visual, the written, the digital, the filmic; post-linearity and multi-form narrative in digital environments; narrative in a digital culture.

Courses: KTB3, KTB3, KT42

Contact hours: 3 per week Credit points: 12

Campus: KG Semester: 2

**KTN002 CONTEMPORARY PERFORMANCE**
In this unit, students will investigate the nature of the performance event; performance in everyday life and in a specific physical space; the body in performance; site and performance; live and mediated performance; spectator and audience.

Courses: KTB3, KTB3, KT42

Contact hours: 3 per week Credit points: 12

Campus: KG Semester: 1

**KTN003 APPLYING INFORMATION TECHNOLOGY IN THE DRAMA CLASSROOM**
Strategies for incorporating information and communication technology into the Drama classroom, performing arts specific software including graphics/imaging programs; video editing and scriptwriting programs; appropriate uses of the Internet; online communities, online improvisation and role-play, message and bulletin boards.

Courses: KTB3, KTB3, KT42

Contact hours: 3 per week Credit points: 12

Campus: KG Semester: 1

**KTN004 TEACHING DRAMA FROM 1-10**
In this unit, students will explore the conceptual and practical knowledge and understanding of the elementary school Drama classroom and the processes of planning, classroom management and evaluation.

Courses: KTB3, KTB3, KT42

Contact hours: 3 per week Credit points: 12

Campus: KG Semester: 1

**KTN005 IMPLEMENTING DRAMA FROM 1-10**
This unit will introduce students to strategies for planning, managing and assessing of school and classroom work programs in Drama; cross curricula and Key learning Area applications, trans-disciplinary planning and the Core Content relevant to Levels 1-6.

Courses: KTB3, KTB3, KTB42

Contact hours: 3 per week Credit points: 12

Campus: KG Semester: 2

**KTN006 DRAMA PROJECT**
This unit will provide an opportunity for students to design and implement a classroom based project which applies the learnings in the course and requires fieldwork in their workplace.

Courses: KTB3, KTB3, KT42

Contact hours: 3 per week Credit points: 24

Campus: KG Semester: 1, 2

**KTN200 DRAMATURGY**
An investigation of the role of the dramaturge in contemporary western theatre cultures, particularly the emerging role of the dramaturge in Australian theatre; the methodologies of the dramaturge, the criteria used in script assessment. A comparative study of the role of the script editor/story editor in the screen writing industry.
UNIT SYNOPTES

Courses: KK42, KK52, KK53
Contact hours: 3 per week
Credit points: 12
Semester: 1, 2

► KVB004 CONTEMPORARY AESTHETIC DEBATES
Introduction to modern aesthetic debates that intersect non-Western art practice. The unit addresses philosophical discourse on art from Kant to postmodern theories.
Courses: KK42, KK53, KK51
Contact hours: 3 per week
Credit points: 12
Semester: 1

► KVB005 READINGS IN VISUAL ARTS
Continuing to develop critical skills in reading and writing about the visual arts. It focuses on critical art-historical writings since 1968.
Courses: KK52, KK53
Contact hours: 3 per week
Credit points: 12
Semester: 2

► KVB412 ART CURRICULUM STUDIES I
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; 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
Contact hours: 48 credit points in each relevant discipline area
Contact hours: 3 per week
Credit points: 12
Semester: 1, 2

► KVB414 ART CURRICULUM STUDIES II
Extends KVB412: Art curriculum development within the context of contemporary policies, frameworks and agencies; principles of measurement, assessment and evaluation; teaching and learning strategies; directions in curriculum development.
Courses: ED50, ED54, IF78
Prerequisites: KVB412
Contact hours: 3 per week
Credit points: 12
Semester: 1, 2

► KVB447 DRAWING
Examination of conventional and contemporary drawing processes; interpretation of materials for drawing, shape and volume, line as a means of expression and communication, perspective, rendering, conceptual organisation and expressive effects.
Courses: CI Open Elective, ED26, ED50, ED51, ED52
Contact hours: 3 per week
Credit points: 12
Semester: 1, 2

► KVB457 SCULPTURE
This subject provides an introduction to the history and theory of sculpture and provides students with the opportunity to develop their ideas in relation to the exploration and manipulation of a range of materials and techniques used in the sculpture studio.
Courses: CI Open Elective, ED26, ED50, ED51, ED52
Contact hours: 3 per week
Credit points: 12
Semester: 1, 2

► KVB503 CLAY MATERIALS
Develops knowledge of ceramic techniques and practical/technical skills; investigation of selected historical ceramic eras; understanding of the relationship between ceramics and the makers cultural development of personal imagery and design.
Courses: ED22, ED26, ED50, ED51, CI Open Elective
Contact hours: 3 per week
Credit points: 12
Semester: 1, 2

► KVB507 PAINTING
Introducing and developing an active awareness of both historical and contemporary issues in painting and drawing through studio practice and critical discourse. Covers a range of available media pursued in studio classes and professional practice.
Courses: ED22, ED26, ED50, ED51, CI Open Elective
Contact hours: 3 per week
Credit points: 12
Semester: 1, 2

► KVB510 PHOTOGRAPHY AND ARTISTIC PRACTICE
Photographic practice in Visual Arts, with emphasis on, but not limited to chemical black/white processes. Darkroom and camera skills, aesthetic and conceptual aspects of photography, history of art and photography, history of art and photographtic practice. Students must have access to a camera for this unit.
Courses: ED22, ED26, ED50, ED51, CI Open Elective
Contact hours: 3 per week
Credit points: 12
Semester: 1, 2

► KVB511 PRINTMAKING
Traditional and innovative printmaking processes are major areas of artistic endeavour. Historically, printmaking included discrete and unique methods and processes, which form the basis of evolving contemporary practice through conceptual and cross-media applications. By undertaking printmaking studies, students extend their proficiency of art skills and art content knowledge, adding depth to their artistic understanding and practice.
Courses: CI Open Elective
Credit points: 12
Semester: 1, 2

► KVB701 MODERNISM
This unit provides an overview of the key concepts and movements that comprise twentieth century modernism. Beginning with cubism, the unit will provide an understanding of terms, such as avant-garde, modernism and modernity. It will extend and update knowledge of recent art strategies within the context of modernism. The unit will provide an understanding of the relationship between ceramics and the makers cultural development of personal imagery and design.
Courses: KV25, KV32, KK32, CI Open Elective
Contact hours: 3 per week
Credit points: 12
Semester: 1, 2

► KVB702 20TH CENTURY AUSTRALIAN ART
This unit focuses upon Australian Art over the course of the twentieth century, including the contemporary period. It gives students an understanding of modernist and social frameworks within which this art has been produced as well as introducing a number of artists, artistic movements and issues within Australian Art. It also considers the nature of indigenous art and its contribution to the complexity of Australian cultural identity. All of these issues will be presented in order to assist students in understanding the important role of Australian art as an expression of our cultural values throughout the twentieth century. The unit will therefore enhance the student's understanding of art practice and Savage. Students are responsible for introducing and developing an active awareness of both historical and contemporary issues in painting and drawing through studio practice and critical discourse. Covers a range of available media pursued in studio classes and professional practice.
Courses: KV25, KV32, KK32, CI Open Elective
Contact hours: 3 per week
Credit points: 12
Semester: 2

► KVB703 VIDEO ART AND CULTURE
Existing Visual Arts units examine a broad range of subjects addressing artistic media such as painting, sculpture and installation. The ‘Video Arts and Cultural Practices’ unit will supplement these by instituting a specialised study of artistic and cultural practices that focus on new mass media technology. The unit will therefore enhance the students' understanding of art practice and Savage. Students are responsible for investigating and developing an active awareness of both historical and contemporary issues in painting and drawing through studio practice and critical discourse. Covers a range of available media pursued in studio classes and professional practice.
Courses: CI Open Elective
Contact hours: 3 per week
Credit points: 12
Semester: 1, 2

► KVB704 THEORIES OF SPATIAL CULTURE
This unit provides the necessary critical evaluation of issues and practices that relate to considerations of space in modern and contemporary art, and in the new media and culture. The unit will provide a historical overview of key art practices that have focused their critical attention to the issue of space and the built environment. In order to function as an informed practitioner in the environment of public space a student must acquire such knowledge because it will form the critical and analytical backgound to current debates and theories in the field of spatial culture and public art.
Courses: KV25, KV32, KK32, CI Open Elective
Contact hours: 3 per week
Credit points: 12
Semester: 1, 2

► KVB712 CONTEMPORARY ART ISSUES
Current practices in the visual arts are addressed by analysing and interpreting original works on exhibition, in stockerooms 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. (Prerequisites for entry to Honours.)
Courses: KV25, KV32, ED26, ED50
Contact hours: 3 per week
Credit points: 12
Semester: 1, 2

► KVB740 STUDIO ART PRACTICE 1
Designated unit. Development of an enquiry-based, self-sustaining art practice; fostering of appropriate research skills; encouragement of open flexible independent approach to formulating resolutions to conceptual and visual concerns; development of safe workshop practices, safe studio work habits and appropriate professional skills. Introductions to technological artforms.
Courses: KV25, KV32, IF78, IX08
Contact hours: 12 per week
Credit points: 24
Semester: 1, 2

► KVB741 STUDIO ART PRACTICE 2
Designated unit. Continued development of concepts, skills and approaches to self-generated and studio work habits. Course is taught in Studio Art Practice 1. Maintaining responsible art practice; expansion of appropriate research skills; increased knowledge of safe workshop practices, safe studio work habits, appropriate professional skills.
Courses: KV25, KV32, IF78
Prerequisites: KVB740
Contact hours: 12 per week
Credit points: 24
Semester: 2

► KVB742 STUDIO ART PRACTICE 3
In consultation with studio staff, students formulate a program of work for the semester which allows students to investigate their own personal artistic direction, formulate and sustain a working approach to developing and acquiring working methods, resources, skills and knowledge necessary to their artistic practice.
Courses: KV25, KV32, IF78, IX08
Prerequisites: KVB741
Contact hours: 6 per week
Credit points: 12
Semester: 1

► KVB743 STUDIO ART PRACTICE 4
The conditions of current cultural practice, their production, reception and contribution to society are extremely diverse, increasingly complex and multi-layered. Sustained critical involvement and an increasing commitment to artistic conceptual pursuits will be underpinned by contemporary theoretical reference which includes investigation into a broad range of artists’ practices. Students will be required to articulate a personal position in this context.
Courses: KV25, KV32, IF78
Prerequisites: KVB742
Contact hours: 6 per week
Credit points: 24
Semester: 2

► KVB744 STUDIO PROJECT 1
In consultation with studio staff students at this level are expected to KVB743 Studio Project 1. Individual projects that lead to the development of a professional organised and articulated body of work.
UNIT SYNOPSIS

Substantial research is expected in support of the following projects:

Courses: KVB754, KVB32
Credit points: 12
Contact hours: 3 per week
Campus: KG
Semester: 1

KVB745 PROJ 2

This unit with studio staff students at this level are expected to undertake individual projects that lead to the development of a professional organisational and articulated body of work. Substantial research is expected in support of these projects.

Courses: KVB754, KVB32
Credit points: 12
Contact hours: 6 per week
Campus: KG
Semester: 2

KVB751 EXTENDED STUDIO PRACTICE 1

Extension of practice studio units or core media studies or elective studio units.

Courses: KVB752, KVB32, IF78
Contact hours: 3 per week
Credit points: 12
Campus: KG
Semester: 1, 2

KVB752 EXTENDED STUDIO PRACTICE 2

Extension of practice studio units or core media studies or elective studio units.

Courses: KVB752, KVB32, IF78
Contact hours: 3 per week
Credit points: 12
Campus: KG
Semester: 1, 2

KVB755 DRAWING FOR ANIMATION

This is a studio based unit that introduces students to media, processes, strategies and traditions of drawing and associated imagery for use in animated media. The development of critical/reflexive frameworks of traditional and contemporary practice underpin studio development.

Courses: K257, K32
Contact hours: 3 per week
Credit points: 12
Campus: KG
Semester: 1

KVB756 DRAWING FOR ANIMATION 2

This unit will develop individual knowledge, concepts and skills to enable students to articulate and present capabilities of motion through drawing for contemporary animation practices.

Courses: K257
Credit points: 12
Campus: KG
Semester: 2

KVB757-1 DRAWING FOR FASHION 1 (1/2)

This unit concentrates on developing core skills and knowledge of drawing to provide an important foundation for existing and evolving modes for constructing and presenting fashion proposals. This is a year long unit. Students must enrol in KVB757/2 in semester two to successfully complete the unit and be awarded 12 credit points.

Courses: K257
Campus: KG
Semester: 1

KVB757-2 DRAWING FOR FASHION 1 (2/2)

This unit concentrates on developing core skills and knowledge of drawing to provide an important foundation for existing and evolving modes for constructing and presenting fashion proposals. This is a year long unit. Students must enrol in KVB757/2 in semester two to successfully complete the unit and be awarded 12 credit points.

Courses: K257
Campus: KG
Semester: 2

KVB758-1 DRAWING FOR FASHION 2 (1/2)

Developing understandings of explicit outcomes of drawing systems used in fashion design and promotion enables the user to encode experience within the constraints of the industry as well as traditional and contemporary media. The ability to utilise the language of figurative drawing in fashion facilitates description, recording syntheses, analysis, artistic interpretation, reconstruction and response in visual form. The development of skills and knowledge of fashion drawing provides access to evolving modes for constructing and presenting images for diverse production. This is a year long unit. Students must enrol in KVB758/2 in the following semesters.

Courses: KFB5, KVB757 (1&2)
Contact hours: 3 per week
Credit points: 6
Campus: KG
Semester: 1, 2

KVB758-2 DRAWING FOR FASHION 2 (2/2)

Developing understandings of explicit outcomes of drawing systems used in fashion design and promotion enables the user to encode experience within the constraints of the industry as well as traditional and contemporary media. The ability to utilise the language of figurative drawing in fashion facilitates description, recording syntheses, analysis, artistic interpretation, reconstruction and response in visual form. The development of skills and knowledge of fashion drawing provides access to evolving modes for constructing and presenting images for diverse production. This is a year long unit. Students must complete KVB758/1.

Courses: KFB5
Credit points: 12
Contact hours: 3 per week
Campus: KG
Semester: 1, 2

KVB759 FASHION ILLUSTRATION

This unit introduces students to the formats, terminology and protocols used in the preparation of proposal documents and short scripts. It will explore fashion systems, including narrative structures, metaphors, points of view, plotting, character and voice. Students will examine a range of professional scripts and development documents and be asked to apply their knowledge of typical script problems and solutions to their own work.

Courses: KFB5
Contact hours: 3 per week
Credit points: 12
Campus: KG
Semester: 1, 2

KWB229 FILM AND TELEVISION SCREENWRITING

This unit aims to produce writers who can operate competently as screenwriters, especially of drama scripts, and facilitates practice in writing scripts for moving image media productions. Students receive workshops and individual consultations and feedback on their work with industry professionals.

Courses: K257, K32, K35, IF36
Contact hours: 3 per week
Credit points: 12
Campus: KG
Semester: 1, 2

KWB334 CORPORATE WRITING AND EDITING

This unit will provide a capstone for the knowledge and skills developed in other writing studies. Students expand their range of genres and acquire a more sophisticated understanding of writing fundamentals. This unit will develop the ability to identify and implement sophisticated writing genres; require students to investigate and report on a specific issue; and to evaluate the efficacy of complex corporate and professional writing.

Courses: K257, K32, K35, IF39
Contact hours: 3 per week
Credit points: 12
Campus: KG
Semester: 1

KWB315 PERSUASIVE WRITING

This unit teaches the use of persuasive writing in the workplace. The unit analyses a variety of writing genres to reveal how they persuade their audiences. The analysis is focused on critical persuasive processes and seeks to adapt these learned techniques and theories to produce a portfolio of persuasive writing. It covers a range of writing genres such as Public Relations Campaigns, Proposals, Speechwriting and Political Persuasion.

Courses: K257, K32, K35, IF39
Contact hours: 3 per week
Credit points: 12
Campus: KG
Semester: 1

KWB321 MODERN TIMES: LITERATURE AND CULTURE IN THE 20TH CENTURY

The twentieth century is a time of significant developments and major transformations in writing and culture. This unit introduces a number of twentieth century writers from Europe, England, Africa, Asia, Australia the Americas, from modern to postmodern times, and explores the connections between texts, language and culture.

Courses: K257, K32, K35, IF36
Contact hours: 3 per week
Credit points: 12
Campus: KG
Semester: 1

KWB350 CREATIVE WRITING: SHORT STORY

This unit is on writing the short story and narrative structure. The unit takes the perspective of the creative writing practitioner, and the emphasis is on writing for publication and for specific markets as well as for pleasure, with rewriting and reworking reviewed as integral to the writing process.

Courses: K257, K32, K35, K36, IF36
Contact hours: 3 per week
Credit points: 12
Campus: KG
Semester: 2

KWB370 ELECTRONIC CREATIVE WRITING

An advanced unit for students working towards a vocation involving creative and professional writing especially for majors in creative arts. This unit builds on the practical skills and conceptual background acquired in first and second year Creative Writing units, and offers advanced techniques in electronic writing and editing, especially web/electronic narrative writing, and advanced experimental narrative techniques.

Courses: K257, K32, K35, IF39
Prequisites: KWB350
Contact hours: 3 per week
Credit points: 12
Campus: KG
Semester: 2

KWB380 CREATIVE NONFICTION: LIFE WRITING

This unit covers the diversity of creative nonfiction in writing, but with an emphasis on contemporary biography and autobiography. While providing theoretical and critical context, the focus of classes is to teach students to do practical biographical and autobiographical research and writing of their own, as well as review writing and family and local history writing.
UNIT SYNOPTES

Courses: KWB25, KW32, IF93, KW35, KW36
Contact hours: 3 per week  Credit points: 12  Semester: 1  Campus: KG
► KWB381 CREATIVE NONFICTION: ARTS, HUMOUR, TRAVEL
This unit covers the acquisition of practical and analytical skills for writing nonfiction, in particular review writing on books, film, music, visual arts, fashion and food, as well as travel, science, sport, humorous and sports writing. The unit provides examples, techniques and practical exercises in nonfiction creative writing and editing, and the opportunity to develop individual work in the supportive context of small groups and small workshops. Potential publishing areas will be explored.
Courses: KWB25, KW32, IF93, KW35
Contact hours: 3 per week  Credit points: 12  Campus: KG  Semester: 1
► KWB382 EDITING AND CREATIVE WRITING
This is a key advanced unit in the BFA in Creative Writing degree, as the practice of creative writing requires a level of self-reflexivity about the creative work created. The facilitated small group/seminar mode of teaching provides concentrated feedback and developmental opportunities for students to develop advanced editing skills.
Courses: KWB25, KW32, IF93
Contact hours: 6 per week  Credit points: 24  Campus: KG  Semester: 1
► KWB395 CREATIVE WRITING: PROJECT 1
This unit provides the opportunity for students to write a sustained piece of creative work, within the genre of their choice, including short fiction, poetry, creative non-fiction, hypertext and other multimedia interactive writing, under supervision. Such work will be written to a standard commensurate with being suitable to submit for publication in widely read, high quality, electronic publications. The students’ final submission will also be written after familiarisation with industry demands, audience niche and marketing possibilities.
Courses: KWB25, KW32, IF93
Contact hours: 3 per week  Credit points: 12  Campus: KG  Semester: 2
► KWB396 CREATIVE WRITING: PROJECT 2
As the capstone unit in the BFA Creative Writing, this unit gives the student the vital opportunity to develop their creative writing and editing a sustained major piece of creative work, within the genre of their choice, including short fiction, poetry and non-fiction, under supervision.
Courses: KWB25, KW32, IF93
Contact hours: 6 per week  Credit points: 36  Campus: KG  Semester: 2
► KWB399 THE WRITING AND PRODUCTION INDUSTRY
This unit provides a comprehensive introduction to the workings of book industry and to the professional practices of writers. By the use of value chain analysis the unit surveys: the production of the manuscript, its development, editing and publication. It then follows the public and commercial life of the book as it is distributed, consumed and its symbolic value circulated. Students gain experience in developing book ideas and analysing the book as a commodity.
Courses: KWB25, KW32, IF93, KW35, KW36, KW37
Prerequisites: 96 credit points of undergraduate study
Contact hours: 3 per week  Credit points: 12  Campus: KG  Semester: 2
► KWP104 EDITING AND DEVELOPING THE MANUSCRIPT
Examines processes of editing and manuscript development from the viewpoint of both editor and writer. Students participate in the management of a manuscript or a range of manuscripts. Classes are taken in intimate seminar mode.
Courses: KK51, KW35, KW36
Contact hours: 3 per week  Credit points: 12  Campus: KG  Semester: 1
► LPP101 TRANSACTION SKILLS
A competent legal practitioner is a skilful practitioner who has a commitment to professionalism and ethical practice in the provision of legal services. This unit seeks to develop a range of transactional lawyering skills and an awareness of professionalism and ethical practice in the transactional context.
Courses: LP41 Contact hours: 28 (2 weekends)  Credit points: 12
► LPP102 RESOLUTION SKILLS
A competent legal practitioner is a skilful practitioner who has a commitment to professionalism and ethical practice in the provision of legal services. This unit seeks to develop dispute resolution and advocacy skills and to develop an awareness of professionalism and ethical practice in the dispute resolution context. The unit also introduces you to civil litigation and criminal law practice and procedure.
Courses: LP41 Contact hours: 28 (2 weekends)  Credit points: 12
► LPP103 BANKING AND FINANCE
The legal profession plays a major role in facilitating borrowing, taking securities, enforcing securities and protecting the rights of borrowers and lenders. Persons seeking to become legal practitioners should have an understanding of the lawyer’s role in financial arrangements. The unit will cover aspects of practice in the area of securities law, consumer credit and bankruptcy.
Courses: LP41 Prerequisites: LPP101, LPP102
Contact hours: 6 per week (on-campus mode), 1 per week (off-campus mode)  Credit points: 12
► LPP104 COMMERCIAL LAW
Practice Lawyers are often called upon to advise clients on how to plan and structure commercial transactions and to advise on the legal effects of those transactions. In an economy such as Australia’s, where the economic well being of many people depends on private commercial activities, lawyers must be prepared for their role in the facilitation and conduct of commercial transactions. The unit deals with corporations law practice and common commercial transactions.
Courses: LP41 Prerequisites: LPP101, LPP102
Contact hours: 6 per week (on-campus mode), 1 per week (off-campus mode)  Credit points: 12
► LPP105 FAMILY AND ESTATES
Learning how to administer a deceased’s estate is a good platform for developing legal drafting
LSB238 CELL AND MOLECULAR BIOLOGY 1
Introduction to the cellular level to essential physiological and metabolic requirements fundamental to life processes. This unit will concentrate on basic cell biology concepts building from the simple levels of cell components and organelles to more complex concepts of organisation and expression of the genome, the cytoskeleton and extracellular matrix structures, information transduction, cell-cell interactions and cell specialisation.
Campus: ED50, LS37, LS50, SC01
Corequisites: LSB118
Contact hours: 5 per week
Credit points: 12
Semester: 2
► LSB245 ANATOMY 2
Lectures and practical exercises involving a basic, yet comprehensive study of the anatomy and physiology of the various body systems. Application of scientific methods to the study of the general principles of disease processes and the major diseases of the organ systems.
Courses: PH38
Corequisites: LSB145
Contact hours: 5 per week
Credit points: 12
Semester: 2
► LSB250 HUMAN PHYSIOLOGY
The medically oriented biological scientist requires a detailed understanding and knowledge of human anatomy. This unit exposes the student to the theoretical and practical facets of both microscopic and macroscopic anatomy of the human body with the emphasis on the microscopic anatomy.
Courses: LS37, PU40, PU43
Prerequisites: LSB118 (LS37 students only)
Corequisites: LSB250 (LS37 students only)
Contact hours: 5 per week
Credit points: 12
Semester: 2
Campus: GP
Semester: 2
► LSB255 HUMAN ANATOMY
A study of the life processes in all five groups of living organisms (bacteria, protists, fungi, plants and animals). Traditional topics in biology are integrated with recent research advances in molecular and cellular biology to provide a comprehensive foundation for later units in the medical, biotechnological and ecological sciences. The unit begins by constructing cells from the four quantitatively important groups of biological molecules (proteins, lipids, carbohydrates and nucleic acids). Molecular and evolutionary aspects of genetics are then introduced, with the great diversity of reproductive strategies found among organisms being emphasised.
Courses: OP42
Contact hours: 4 per week
Credit points: 12
Semester: 1
Campus: GP
► LSB235 ADVANCED ANATOMY
An in-depth study of the systematic and regional anatomy of the lower limb, which will be undertaken with particular emphasis on osteology, arthrology, musculature, angiology and neurology.
Courses: LP41
Corequisites: LSB131
Contact hours: 5 per week
Credit points: 12
Semester: 2
Campus: GP
Semester: 2
UNIT SYNOPSIS
UNIT SYNOPSES

► LSB308 BIOCHEMISTRY
The basic biochemistry of amino acids, peptides and proteins, monosaccharides and nucleic acids; lipid biochemistry and membrane function; basic enzymology; energy production in cells: high energy molecules, thermodynamics and bioenergetics.
Courses: ED50, IF29, IF34, IF39, IF71, IF87, LSB50, LSB238, LSB241, LSB425, LSB428, LSB500, LSB505
Prerequisites: LSB238
Contact hours: 4 per week Credit points: 12
Semester: 2
Campus: GP

► LSB312 SYSTEMATIC PATHOLOGY
This unit includes the applications of general pathology to the study of diseases of the organ systems: cardiovascular, respiratory, alimentary, urogenital, nervous (musculoskeletal, endocrine, haematologic and skin). This unit is offered in conjunction with LSB238.
Courses: PS40
Prerequisites: LSB221
Contact hours: 3 per week Credit points: 8
Semester: 1
Campus: GP

► LSB325 BIOCHEMISTRY
The study of cell biology and biochemistry, along with anatomy and physiology, provides the student with the foundation required for the understanding of the functioning of the human body and its organ systems in health and disease, as a preparation for their clinical studies.
Courses: PS33, LS50, SC01
Prerequisites: PCB42, Corequisites: LSB338
Contact hours: 5 per week Credit points: 12
Semester: 1
Campus: GP

► LSB328 MICROBIOLOGY I
An introductory core unit in microbiology dealing with aspects of microbial diversity, ecology, classification and taxonomy, structure and function, nutrition and metabolism, growth and reproduction, genetics, control and host-microbe interactions.
Courses: PS33, LS50, SC01
Prerequisites: PCB242, LSB238
Contact hours: 4 per week Credit points: 12
Semester: 1
Campus: GP

► LSB338 CELL AND MOLECULAR BIOLOGY 2
A continuation and expansion of the topics introduced in LSB238 Cell and Molecular Biology 1. This unit integrates gene structure and the architecture and organisation of eukaryote chromosomes with the basic cellular processes associated with gene expression, mutation, DNA repair, replication and recombination from a molecular genetic perspective. The molecular mechanisms that control cell communication, cell cycle control, cell proliferation and cell death, as well as the integration of these processes in functional tissues are also explored.
Courses: PS37, LS50, SC01
Prerequisites: LSB238
Corequisites: SC01: LSB308, LS50, LSB500
Contact hours: 4 per week Credit points: 12
Semester: 2
Campus: GP

► LSB345 REGIONAL & IMAGING TOMOGRAPHY
Focuses on the regional anatomy of the head, neck, upper limb, lower limb, and vertical column, located throughout the above regions which are visualised by medical imaging modalities.
Courses: PH38, PH190

► LSB358 PHYSIOLOGY I
The aim of this unit is to provide a thorough examination of the functional organisation of the human body. It is a useful framework of reference for students enrolled in courses such as biology, biochemistry, microbiology, molecular biology, nutrition, immunology and courses subject is offered in conjunction with LSB458 which runs in second semester and as a prelude to the third level courses LSB555 and LSB558.
Courses: SC01, PU40, PU43, HM42, ED50
Prerequisites: LSB131 or LSB142 or LSB258 or NRB270
Contact hours: 5 per week Credit points: 12
Semester: 1
Campus: GP

► LSB365 PATHOLOGY
Pathology introduces students to the study of the disease processes underlying the major diseases of human organ systems. General disease processes of the major specific diseases of the organ systems are introduced, and then become the focus in systematic pathology. An understanding of general and systematic pathology is fundamental to the application of basic biomedical knowledge to clinical medicine and the major diseases. This unit provides students with the foundation knowledge needed for subsequent clinical semesters of the course.
Courses: LSB37, LSB325, LSB250, LSB255
Contact hours: 5 per week Credit points: 12
Semester: 1
Campus: GP

► LSB367 PATHOLOGY
This unit is an external unit designed to run on line to meet the requirements of the students in the course who are located throughout Queensland. Pathology has a central role in most health related courses. A sound understanding of pathology is essential for the informed assessment and management of patients. The unit has two main sections. The first section deals with general pathology principles (e.g. homeostasis, adaptation and defence; principles of diagnosis; environment and pathology; neoplasia, circulatory disorders). The second section involves application of general principles of pathology to major diseases and dysfunctions of each of the organ systems of the body.
Courses: PU40
Credit points: 12
Semester: 1
Campus: GP

► LSB382 BIOCHEMISTRY 3
Topics covered in this third Bioscience unit include: the basic biochemistry of amino acids, peptides and proteins, carbohydrates and nucleic acids; thermodynamics and bioenergetics; energy production in cells: high energy molecules, thermodynamics and bioenergetics.
Courses: LS50, SC01, PU40, PU43
Prerequisites: LSB365
Contact hours: 5 per week Credit points: 12
Semester: 1
Campus: GP

► LSB397 PLANT PHYSIOLOGY
A comprehensive overview of how plants grow and develop, following the life history of the plant, and include: seed germination and the mobilisation of seed reserves; water and mineral-nutrient uptake; photosynthesis; respiration; stomatal control; stress responses (e.g. access 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: LSB238
Contact hours: 4 per week Credit points: 12
Semester: 1
Campus: GP

► LSB408 METABOLISM
The basic pathways of metabolism of the major nutrient groups in mammalian cells, including carbohydrates, lipids and amino acids; electron transport and oxidative phosphorylation; metabolic control mechanisms in relation to nutrient status, energy demand and the integration of specialised tissue functions.
Courses: ED50, SC01
Prerequisites: LSB308
Contact hours: 4 per week Credit points: 12
Semester: 2
Campus: GP

► LSB409 READING S IN BIOTECHNOLOGY
Knowledge of the practical aspects of developing a project for research and development is a fundamental aspect of real-world commercial biotechnology. In this unit, students will adopt a team approach to developing and designing a research project to be undertaken in LSB709 Biotechnology Research Project. Students will explore the roles of teams in assigning, performing and reporting on tasks related to the preliminary literature search and project inception, design, management and feasibility. Mentors will guide student teams through the preliminary stages of project conceptualisation and monitor progress of team activities.
Courses: LSB50
Contact hours: 4 per week Credit points: 12
Semester: 2
Campus: GP

► LSB415 MICROBIOLOGY
A course of lectures and practicals for the health professions which covers selected topics in clinical and environmental microbiology. This unit provides a unifying discipline and theoretical base for the study of micro-organisms, diseases caused by micro-organisms, collection and manipulation of microbiological samples, public health concern, control relating to micro-organisms and report writing skills applying microbiological knowledge.
Courses: LSB50
Contact hours: 4 per week Credit points: 12
Semester: 2
Campus: GP

► LSB425 QUANTITATIVE MEDICAL SCIENCE
This unit provides a foundation in physics, chemistry, biochemistry, maths and statistics for applications in chemical analysis, as preparation to clinical biochemistry.
Courses: LSB37
Prerequisites: LSB325, LSB338, LSB250, LSB255
Contact hours: 5 per week Credit points: 12
Semester: 2
Campus: GP

► LSB428 MICROBIOLOGY 2
An extension of the core unit in microbiology dealing with further aspects of microbial diversity, classification and taxonomy with emphasis on human pathogens, action and resistance to antimicrobial chemicals, microbial processes of pathogenic importance, psychrophiles, anabionts, lichens and spec ins, the importance of microbes, and safe manipulation of pathogenic microbes.
Courses: SC01
Prerequisites: LSB328
Contact hours: 4 per week Credit points: 12
Semester: 2
Campus: GP

► LSB435 DIAGNOSTIC MICROBIOLOGY I
This unit builds upon foundation topics in LSB328 Microbiology 1 and starts preparing the student for a career in a routine diagnostic microbiology laboratory in clinical practice. Diagnostic Bacteriology and Parasitology are the two key areas addressed in this unit. This unit emphasises a strong commitment to professional practice by developing high level generic and specific skills. Specific lecture and lab class discussion points focus on: client expectations, which are not always relevant: laboratory management, classification systems, diagnostic protocols (isolation, identification and antimicrobial susceptibility), pathogenicity, control measures and patient management. Students will learn to think critically in an interactive learning environment.
Courses: LSB37
Prerequisites: LSB328
Contact hours: 5 per week Credit points: 12
Semester: 2
Campus: GP
UNIT SYNOPTES

► LSB438 IMMUNOLOGY 1
The mechanisms of the immune process including antigens, antibodies, antigen-antibody reactions, antibody formation, control of the humoral and cell-mediated immune response, immunisation of humans against infections.

Courses: LSB37, SC01
Prerequisites: LSB308, LSB338
Contact hours: 5 per week Credit points: 12
Campus: GP Semester: 2

► LSB445 REGIONAL & IMAGING ANATOMY 2
Focuses on the regional anatomy of the thorax and abdomen regions and the anatomy of the structures of the above regions which are visualised by imaging modalities.

Courses: PH38, PH90
Prerequisites: LSB241, LSB245, LSB345
Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 2

► LSB451 HUMAN PHYSIOLOGY
A course of lectures and practicals, similar to LSB250.

Courses: PU43
Prerequisites: LSB131
Contact hours: 5 per week Credit points: 12
Campus: GP Semester: 2

► LSB485 DATAPHYSIOLOGY 2
This unit is designed to provide a thorough examination of the functional organisation of the human body. The subject provides a useful frame of reference for students enrolled in courses such as biology, biochemistry, microbiology, molecular biology, nutrition and human movements. The subject is offered in conjunction with LSB358 which runs in first semester and as a prelude to the third level subjects; LSB558 and LSB658.

Courses: ED50, HM42, PU40, PU43, SC01
Prerequisites: LSB131 or LSB142 or LSB258 or NRB270
Contact hours: 5 per week Credit points: 12
Campus: GP Semester: 2

► LSB465 HISTOPATHOLOGY 1
Histopathology and cytology are essential components of pathologic 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: LSB37
Prerequisites: LSB255, LSB365, PCB243
Contact hours: 5 per week Credit points: 12
Campus: GP Semester: 2

► LSB467 PATHOPHYSIOLOGY
The unit is designed to run on line to meet the requirements of students located throughout Queensland. Students are guided into the study of pathophysiology of the major body systems with an understanding of the rationale for diagnostic investigations and treatments of these disorders. The unit is based on case histories and utilises a 'problem based model' approach. Topics covered include the physiological basis of pathogenesis, clinical features and treatment of major disorders of body systems, focussing on the cardiovascular, respiratory, blood, renal, nervous, gastro-intestinal, and endocrine systems. A variety of assessments are used throughout the unit to reinforce the understanding of the topics.

Courses: PU40
Prerequisites: LSB255, LSB365
Contact hours: 5 per week Credit points: 12
Campus: GP Semester: 2

► LSB468 MOLECULAR BIOLOGY
Techniques for the isolation, purification and genetic engineering of nucleic acids. Includes procedures for gene detection and analysis, gene isolation and amplification, and gene library construction and screening.

Courses: LSB50, SC01
Prerequisites: LSB308, LSB338
Contact hours: 5 per week Credit points: 12
Campus: GP Semester: 2

► LSB475 DISEASE PROCESSES 4
Principles of disease and dealing with the causes and nature of circulation disorders, degenerative processes, metabolic and nutritional disorders, disturbances of development and growth, inflammation, infections and infestations, regeneration and repair, and neoplasia. Includes: the applications of general pathol- ogy to the study of diseases of the heart and circulatory system, respiratory system, urogenital system, endocrine system, nervous system, haematologic system and skin.

Courses: PB18, LSB90
Contact hours: 4 per week Credit points: 12
Campus: Gip Semester: 2

► LSB480 PROFESSIONAL PRACTICE
Introduces students to the pathology laboratory workplace. Students undertake a four week work experience program in a city or country pathology laboratory during the summer vacation between semesters 6 and 7. Full-time course and between semesters 8 and 12 of the part-time course.

Courses: LSB37
Corequisites: LSB400, LSB410, LSB430, LSB450, LSB460
Campus: GP Semester: 2

► LSB492 MICROBIOLOGY
An introductory core unit of microbiology for students of optometry and podiatry with an intro- duction to micro-organisms, control of microbial populations and the role of taxonomy in relation to optometry and podiatry.

Courses: OP42
Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 2

► LSB497 PLANT MOLECULAR BIOLOGY
This is an intermediate level unit that will com- plement and expand the knowledge and skills obtained in the core biotechnology units to pro- vide 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 plant development; cell signalling in plants; model systems for studying gene function; plant genome maps; manipulation of plants in vitro; plant responses to biotic and abiotic stress.

Courses: LSB50, SC01
Prerequisites: LSB338 Corequisites: LSB468
Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 2

► LSB508 ADVANCED METABOLISM
Detailed information is provided on the catabolic and anabolic pathways for the major macromolecules in mammalian systems. Important aspects of non-mammalian metabolism are described. Advanced concepts in bioenergetics and thermo- dynamics are described in the context of cellular metabolism. Involves mechanistic aspects of the production of mixed conjugates of biological significance such as amino-sugars and lipopolysaccharides, and hormonal regulation of metab- olism.

Courses: SC01
Prerequisites: LSB408
Contact hours: 5 per week Credit points: 12
Campus: GP Semester: 1

► LSB509 MEDICAL BIOTECHNOLOGY
Students undertaking Medical Biotechnology should have a thorough understanding of diagnostic and therapeutic techniques in the environmental and water. LSB509 aims to increase the student’s understanding of molecular and cellular-based diagnostics and their use in genetic or biochemical mapping and identifica- tion of target genes, disease risks and traits, infectious diseases, identity testing and other forms of investigative medicine.

Courses: LSB50, SC01
Prerequisites: LSB468
Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 1

► LSB525 CLINICAL BIOCHEMISTRY 1
This course of study (along with LSB625 Clini- cal Biochemistry 2) provides the graduate students 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 bio- chemistry.

Courses: LSB37
Prerequisites: LSB425
Contact hours: 5 per week Credit points: 12
Campus: GP Semester: 1

► LSB527 BIOMEDICAL RESEARCH TECHNOLOGIES
This unit complements the study of nucleic acid based research and diagnostic technologies studied in LSB598, by providing an understanding of the methodology and application of those protein based technologies which are important in bio- logy research and diagnostic investigations.

Courses: SC01
Prerequisites: LSB308
Contact hours: 5 per week Credit points: 12
Campus: GP Semester: 1

► LSB528 ENVIRONMENTAL MICROBIOLOGY
A unit designed to provide students with an un- ruly examination of those bacterial pathogens with the environment. Topics include microbial ecosystems; symbiotic relationships (plants and microbes, animals and microbes); an introduction to biotechnological cycles including microbial transformations (carbon cycles, methanogenesis, nitrogen cycle, sulphur cycles); plant diseases, soil microbes and the environment; plant biochemistry and its prerequisite bio- engineering; soil-borne and water-borne contaminants; and the detection and growth of plants, soil and water.

Courses: LSB50, SC01
Prerequisites: LSB428
Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 1

► LSB535 MICROBIAL IMMUNOLOGY
This unit builds on the concepts developed in Immunology 1 to introduce students to the life- cycles of a variety of pathogens, particularly viruses, and the mechanisms employed by a host to avoid infection.

Courses: LSB37, SC01
Prerequisites: LSB438
Contact hours: 5 per week Credit points: 12
Campus: GP Semester: 1

► LSB537 GENETIC ENGINEERING
Genetic Engineering aims to impart an under- standing of the manipulative skills involved in experiments aimed at recombining DNA mole- cules as well as an understanding of the analyti- cal skills required in characterising target DNA molecules using the global online genetic data- bases. Genetic Engineering and its prerequisite LSB468 together encompass all of the theoretical background and manual skills required by gradu- ate students in this area, and to undertake investigative analysis using online and local facilities in clinical and research laboratories.

Courses: LSB50, LSB70, SC01
Prerequisites: LSB468
Contact hours: 5 per week Credit points: 12
Campus: GP Semester: 1

► LSB547 BACTERIAL PATHOGENESIS AND DISEASE DIAGNOSIS
This advanced level unit provides a comprehen- sive examination of those bacterial pathogens that are associated with human disease from both the cellular and a molecular perspective, an essen- tial starting point for a better understanding of infectious disease pathogenesis. The key role of the clinical bacteriologist and clinical laboratory protocols will also be presented and critically discussed with respect to bacterial pathogen laboratory diagnosis (ie specimen management, pathogen isolation and identification) and antim- icrobial therapies. Students will be encouraged to think critically and to discuss issues in an interac- tive and supportive teaching and learning envi- ronment.

Courses: SC01
Prerequisites: LSB428
Contact hours: 6 per week Credit points: 12
Campus: GP Semester: 1

► LSB555 HEMATOLOGY 1
This unit is an introduction to the basics of haematology and the routine procedures performed in the haematology section of a pathology department, and introduces the concepts of anaemia and diagnostic investigation. This unit provides a detailed un- derstanding of the common erythrocyte disorders. Diagnostic procedures, aetiology, pathophysiol-
UNIT SYNOPTES

ogy, clinical manifestations and treatment of each disorder are included.

Courses: LSB37
Prerequisites: LSB325, LSB365, LSB465
Contact hours: 5 per week Credit points: 12
Semester: 1
Campus: GP

► LSB585 ADVANCED PHYSIOLOGY
Divided into 2 areas: a lecture course on recent advances in physiological knowledge and a prac-
tical class that includes experimental design. Using an emphasis on current research developments, selected physiological areas in-
cluding the cardiovascular and neurological systems are considered in depth and prior knowledge of physiology. The practical course introduces aspects essential for the correct design and execution of experiments.
Courses: SC01
Contact hours: 5 per week Credit points: 12
Semester: 1
Campus: GP

► LSB586 ELECTRON MICROSCOPY
A theoretical and practical background to the operation and use of scanning and transmission electron microscopes in biological science; basic principles of specimen preparation with emphasis on methods complimentary to biology, microbi-
ology and molecular biology; analytical capabilities of electron beam instruments; other advanced imaging instrumentation.

Courses: SC01
Contact hours: 4 per week Credit points: 12
Semester: 1
Campus: GP

► LSB577 PLANT BIOTECHNOLOGY I
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. Familiarising students with some of the strategies, techniques and breadth of applications is essential as a basis for anyone planning a ca-
ter in plant biotechnology. In this unit, students will gain basic understanding of the genetic manipulation of plants (including genetic engineering and transformation of plants) using modern technologies.
Courses: LS50, LS70, SC01
Prerequisites: LSB468 Corequisites: LSB537
Contact hours: 4 per week Credit points: 12
Semester: 1
Campus: GP

► LSB578 VIROLOGY
Lectures and practical classes designed to intro-
do the basic concepts of virology. A range of viruses and virus diseases are examined and topics include viral morphology and compo-
sition, taxonomy and classification, replication, purification, diagnosis and assay, transmission and control.
Courses: SC01
Prerequisites: LSB428 Contact hours: 5 per week Credit points: 12
Semester: 1
Campus: GP

► LSB605 PROTEIN ENGINEERING AND BIOPROCESSING
The application of plant biotechnology to the production of a viable organism or protein is the focus of this course. The unit deals with the fac-
tors involved in creating a culture and eventually achieving these goals. It builds on information derived in Molecular Biology, Genetic Engineering and Ge-
nomics, defining the special considerations that apply to different expression systems and the unique difficulties of scale-up procedures for commercial development.
Courses: LS50, SC01
Prerequisites: LSB308 Corequisites: LSB468 Contact hours: 4 per week Credit points: 12
Semester: 2
Campus: GP

► LSB607 PROTEIN PURIFICATION
An advanced biochemistry unit to prepare stu-
dents for research focused on critical thinking workshops and closely supervised group projects.
Courses: LS70, SC01 Prerequisites: LSB308 Contact hours: 5 per week Credit points: 12
Semester: 2
Campus: GP

► 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 pro-
tein properties. Discussion will include methods of sequence analysis, algorithms for structure prediction and the functional role of synthetic proteins, and evolution and significance of struct-
ural motifs.
Courses: SC01
Prerequisites: LSB308 Contact hours: 5 per week Credit points: 12
Semester: 2
Campus: GP

► LSB609 MEDICAL BIOTECHNOLOGY 2
Students undertaking Medical Biotechnology should have a thorough understanding of diag-
óstics and therapeutics in the commercial envi-
ronment of biotechnology. LSB609 aims to in-
crease the student’s understanding of cell-based strategies, approaches and applications used as therapeutic interventions in medicine. The unit will focus on current state-of-the-art applications within therapeutic biotechnology as directed to novel drug discovery and the development of new therapeutic agents, such as genes for gene therapy, proteins for immunother-
apy and cell-based vaccines.
Courses: LS50, SC01 Prerequisites: LSB509 Contact hours: 4 per week Credit points: 12
Semester: 2
Campus: GP

► LSB619 GENOMICS & BIOINFORMATICS
The completion of the Human Genome project, along with similar projects on other eukaryote organisms, marks the beginning of a major revo-
olution in fundamental biology that will, ultil-
ately, affect all aspects of human life. Students undertaking any careers associated with the biotechnology, whether it be scientific inves-
tigation or related to the business or legal aspects of biotechnology will need a strong under-
standing of eukaryote genome structure and function, and a proficiency in processing data and interpreta-
tion. The course introduces genomics, bioinformatics, phylogenetic analysis and the application of microbio-
logical and molecular biology principles to the analysis of microbial and large eukaryotic genomes.
Courses: LS50, LS70, SC01
Prerequisites: LSB537 Contact hours: 5 per week Credit points: 12
Semester: 2
Campus: GP

► LSB625 CLINICAL BIOCHEMISTRY 2
This course of study (along with LSB525) pro-
vides the graduating scientists with sufficient fundamental biochemistry knowledge and laboratory experi-
ence to work effectively in both the smaller general-purpose laboratory performing in-depth studies of all aspects of clinical biochemistry.
Courses: LS37
Prerequisites: LSB525 Contact hours: 5 per week Credit points: 12
Semester: 2
Campus: GP

► LSB628 FOOD MICROBIOLOGY
A unit that covers the most significant areas of food microbiology, from the molecular level to the food environment. Topics include aspects of microbial ecology of foods, microbial spoilage and preservation, microbial food poisoning, public health significance, food ferments, and the isolation and identification of microbes often present in foods. A profes-
sional attitude towards work in a microbiology laboratory and an awareness of the dangers of working with pathogenic cultures will be estab-
lished.
Courses: ED50, SC01 Prerequisites: LSB118 Contact hours: 4 per week Credit points: 12
Semester: 2
UNIT SYNOPTES

Campus: GP
Semester: 2

LSB658 CLINICAL PHYSIOLOGY
This unit explores the physiological basis, pathogenesis, clinical features and treatment rationale of the major disorders of the cardiovascular, respiratory, haematological, renal, gastro-intestinal, immune and endocrine systems. One of the objectives of the unit is to develop critical thinking and apply this to the discussion of pathophysiological cases.

Courses: SC01
Prerequisites: LSB358, LSB458
Contact hours: 5 per week
Credit points: 12

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: LS57
Prerequisites: LSB438, LSB535, LSB555
Contact hours: 5 per week
Credit points: 12

Campus: GP
Semester: 2

LSB677 PLANT BIOTECHNOLOGY 2
This unit will expand on topics introduced in earlier units and will address the more advanced and more specialised areas of plant molecular biology and biotechnology. The unit is designed to give students insight into the past and future potential of plant biotechnology and include topics such as: advanced applications of traditional and modern genomic techniques; gene discovery, specific genes and gene families, molecular markers and mapping, and gene silencing.

Courses: LS50, LS70, SC01
Prerequisites: LSB577
Contact hours: 4 per week
Credit points: 12

Campus: GP
Semester: 2

LSB709 RESEARCH PROJECT
Knowledge of the practical aspects of developing a project for research and development is a fundamental aspect of any biotechnology. This unit involves a small team research project based on the RandD proposal developed in LSB409 Readings in Biotechnology. The unit will guide student teams through the research process from the experimentation to the writing of an assessment of the project under the guidance of academic and industry mentors.

Courses: LS50
Credit points: 36

Campus: GP
Semester: 1, 2, 3

LSB850-1 RESEARCH STRATEGIES
Preparation for a career in research must include additional training and experience in cross-disciplinary and extra-disciplinary skills and strategies that build upon and enhance the student’s undergraduate foundation. Key aims of this unit are to foster the intellectual skills necessary to appreciate the scientific, commercial, social and ethical implications of research, to assist in evaluating useful and pragmatic options in a research career, and to help the student communicate research ideas and outcomes effectively and articulately. Seminars and workshops conducted by staff internal and external to the School of Life Sciences specifically address these aims.

Courses: SC60
Credit points: 6

Campus: GP
Semester: 1, 2

LSB850-2 RESEARCH STRATEGIES
Preparation for a career in research must include additional training and experience in cross-disciplinary and extra-disciplinary skills and strategies that build upon and enhance the student’s undergraduate foundation. Key aims of this unit are to foster the intellectual skills necessary to appreciate the scientific, commercial, social and ethical implications of research, to assist in evaluating useful and pragmatic options in a research career, and to help the student communicate research ideas and outcomes effectively and articulately. Seminars and workshops conducted by staff internal and external to the School of Life Sciences specifically address these aims.

Courses: SC60
Credit points: 6

Campus: GP
Semester: 1, 2

LSB851-1 READINGS IN LIFE SCIENCE 1
The preparation of a literature review of direct and associated relevance to the Honours research project under the guidance of the supervisor(s). Includes presentation of a grant proposal demonstrating a considerable knowledge, understanding and appreciation of the literature as well as a critical approach of future research requirements.

Courses: SC60
Credit points: 12

Campus: GP
Semester: 1, 2

LSB851-2 READINGS IN LIFE SCIENCE 1
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: 12

Campus: GP
Semester: 1, 2

LSB852-1 PROJECT
The preparation of a project under the supervision of the Unit Coordinator. Students should relate this project work to published work already undertaken in the field.

Courses: SC60
Credit points: 30

Campus: GP
Semester: 1, 2

LSN009 READINGS IN LIFE SCIENCE 4
A review of literature related to a potential research topic in consultation with the supervisor. The area can be associated with the research project topic and can be broadly or narrowly focused but should not include any significant material covered in LSN013. The review should cover the background to the area as well as recent advances and identify deficiencies and possible future research directions. The review should be a critical analysis of the area.

Reviews: Should normally be approximately 5,000-10,000 words.

Courses: SC80
Contact hours: 1 per week
Credit points: 12

Campus: GP
Semester: 1

LSN011 RESEARCH SEMINARS IN LIFE SCIENCE 1
A formal seminar to include an oral presentation (25 minutes) and question period (5-10 minutes). The presentation will provide a comprehensive and informative critique of a specific topic in the research project and can be broadly or narrowly focused but should not include any significant material covered in LSN013. A Research Project conducted in an area selected by the student in consultation with their supervisor(s) and the coursework co-ordinator. The first part of the project involves compilation and writing of a critical Literature Review on the research topic focussing on clarification of knowledge gaps together with an outline of the research to follow. The second and major part of the project will be the supervised research itself. A Research Project Report will be written in a style to present the data. Prescriptive guidelines must be followed for both the Literature Review document and the Research Project Report.

Courses: LS80
Credit points: 48

Campus: GP
Semester: 1, 2

LSN711 PROJECT 1
A Research Project conducted in an area selected by the student in consultation with their supervisor(s) and the coursework co-ordinator. This review will focus on clarification of knowledge gaps and, where applicable, will provide an outline of the project to be followed in LSN712 Project 2. Prescriptive guidelines must be followed for the compilation and writing of the Literature Review document and Project Report.

Courses: LS80
Credit points: 24

Campus: GP
Semester: 1, 2

LSN712 PROJECT 2
A Research Project conducted in an area selected by the student in consultation with their supervisor(s) and the coursework co-ordinator. This unit is normally a follow-on from LSN711 Project 1. A Research Project Report will be written in a style to present the data and prescriptive guidelines must be followed in this regard.

Courses: LS80
Credit points: 24

Campus: GP
Semester: 1, 2

LSP127 BUSINESS ASPECTS OF BIOTECHNOLOGY
Supporting a successful biotechnology industry in Australia requires an entrepreneurial framework to be developed which assists the efforts of both researchers and innovators. This unit integrates these essential aspects of entrepreneurship, including the critical thinking and skills of launching a biotechnology business. The unit focus will be upon the research and development of innovative technologies and the commercialising innovations developed in this industry. On completion of this unit the student will be able to identify and analyse entrepreneurial opportunities and evaluate these opportunities with biotechnology entrepreneurs together with the ability to identify and comprehend the steps involved in setting up a new biotechnology enterprise.
UNIT SYNOPTES

Courses: L570, L580
Contact hours: 5 per week  Credit points: 12  Semester: 1
► LWB136 CONTRACTS A
Formation of contracts; equitable estoppel; privy of contract; formalities; express and implied terms; construction of terms; vitiating factors (misrepresentation, mistake, undue influence, duress, unconscionable contracts, illegality). An examination of how contractual promises may be discharged or invalidated. Topics include discharge, performance, agreement; breach; remedies; vitiating factors (misrepresentation, mistake, undue influence, duress, unconscionable contracts, illegality).
Courses: L573, L542, L665, L700, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Contact hours: 3 per week  Credit points: 12  Incompatible with: LWB102, LWB152
Campus: GP, EXT  Semester: 1, 2
► LWB137 CONTRACTS B
Discharge of contracts (performance, breach, agreement, frustration); remedies; vitiating factors (misrepresentation, mistake, undue influence, duress, unconscionable contracts, illegality).
Courses: L573, L542, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Prerequisites: LWB136
Contact hours: 3 per week  Credit points: 12  Incompatible with: LWB102, LWB132
Campus: GP, EXT  Semester: 2, 3
► LWB143 FUNDAMENTALS OF REAL PROPERTY
The law of property is of primary importance in understanding how the Australian legal system operates to compensate the physical and/or financial harm one person suffers as a result of another’s wrongdoing. Today the most significant area of the law of property is that of negligence which is also the most commonly litigated tort action. However, a knowledge and understanding of the tort of negligence can only occur in the context of the development of the earlier torts such as trespass to the person, land and personal property. In this unit the principles and rules of the law of property relating to negligence and trespass actions are also examined.
Courses: L573, L542, L665, L700, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Contact hours: 3 per week  Credit points: 12  Incompatible with: LWB103, LWB135
Campus: GP, EXT  Semester: 1, 2
► LWB139 SELECT ISSUES IN TORTS
The law of torts is of primary importance in understanding how the Australian legal system operates to compensate the physical and/or financial harm one person suffers as a result of another’s wrongdoing. In the unit Fundamental Forms 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: L573, L542, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Prerequisites: LWB138
Contact hours: 3 per week  Credit points: 12  Incompatible with: LWB103, LWB135
Campus: GP, EXT  Semester: 2, 3
► LWB141 LEGAL INSTITUTIONS AND METHOD
This unit introduces to students the building blocks of law - fundamental principles, legal terminology, legal institutions, legal methodology - and the ways to interpret the law including an introduction to policy and international considerations. The material is presented so as to not only give the students 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: L573, L542, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Contact hours: 3 per week  Credit points: 12  Incompatible with: LWB101, LWB135
Campus: GP, EXT  Semester: 1, 2
► LWB142 LAW, SOCIETY AND JUSTICE
This unit will examine the basic tenets of our democratic liberal legal system, particularly the central concept, the rule of law. The unit begins with an historical development of rights and the rule of law. It will look at how law and values interact and change in particular times. It will look at the 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 role of law by examining the reality of equality before the law in relation to the employment 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: L573, L542, L665, L700, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Prerequisites: LWB141
Corequisites: LWB141
Contact hours: 3 per week  Credit points: 12  Incompatible with: LWB104, LWB114
Campus: GP, EXT  Semester: 2
► LWB144 LAWS AND GLOBAL PERSPECTIVES
This unit introduces students to the use of law to give students an understanding of the global context in which Australia operates and the important impact of this context on Australian law and legal practice. The unit will introduce and explain the fundamental structures and principles of Comparative Law, Public International Law and Private International Law; and examine their relevance to contemporary legal practice in Australia.
Courses: L573, L542, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Contact hours: 3 per week  Credit points: 12  Incompatible with: LWB101, LWB131
Campus: GP, EXT  Semester: 2
► LWB231 INTRODUCTION TO PUBLIC LAW
The basic institutions of government: the executive, the Parliament and the judiciary; the general principles to which legislative power is subject, and the principles by which executive decision-making is kept open and accountable.
Courses: L573, L542, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Contact hours: 3 per week  Credit points: 12  Incompatible with: LWB203, LWB211
Campus: GP, EXT  Semester: 1
► LWB235 AUSTRALIAN FEDERAL CONSTITUTIONAL LAW
The constitutional arrangements effected by the Commonwealth Constitution; the structure and institutions of the constitution; the division of power between Commonwealth and states; and relationships between the levels of government; emphasis to Commonwealth legislative powers, executive and judicial powers. The unit also examines the Australian High Court and its role within the Australian legal system.
Courses: L573, L542, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Prerequisites: LWB231
Corequisites: LWB231
Contact hours: 3 per week  Credit points: 12  Incompatible with: LWB203
Campus: GP, EXT  Semester: 2
► LWB236 REAL PROPERTY A
Property, rights of ownership and title are fundamental principles of property and real property law is essential for every lawyer. This unit, together with Real Property B, examines general principles concerning the nature of property and real property law. The course has two parts. The first part covers general principles of land ownership in Australia, native title, ownership, possession and title, ownership rights, law and equity, land transactions, and the Torrens system.
Courses: L573, L542, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Prerequisites: LWB143, LWB240 or equivalent
Corequisites: LWB240 or equivalent
Contact hours: 3 per week  Credit points: 12  Incompatible with: LWB201, LWB233
Campus: GP, EXT  Semester: 1
► LWB237 REAL PROPERTY B
This unit continues the examination of the general principles of real property law commenced in Real Property A. Topics include: co-ownership of land, leases, mortgages, cessions, freehold covenants, and community titles schemes.
Courses: L573, L542, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Prerequisites: LWB236
Contact hours: 3 per week  Credit points: 12  Incompatible with: LWB201, LWB233
Campus: GP, EXT  Semester: 2
► LWB238 FUNDAMENTALS OF CRIMINAL LAW
An understanding of the principles of Criminal Law is of fundamental importance as it impinges upon almost every aspect of domestic, commercial, corporate and public activity in Queensland. The aim of this unit is to provide an overview of the aims and sources of Criminal Law in Queensland and develop a basic understanding of the one of proof of crime in matters. Additionally the unit explores the concept of fault elements, the criminal justice system and a selection of major forms of behaviour and the legal system.
Courses: L573, L542, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Prerequisites: LWB238
Contact hours: 3 per week  Credit points: 12  Incompatible with: LWB202, LWB232
Campus: GP, EXT  Semester: 1
► LWB239 CRIMINAL RESPONSIBILITY
The aim of this unit is to build upon the principles and skills explored in LWB238 by developing an understanding of the way criminal responsibility is imposed through the complexity of the Criminal Code, Codes of Conduct, the common law and how the major defences and excuses operate. The unit also examines the major sentencing principles. The aim of this unit is to develop an understanding of the one of proof of criminal matters. Additionally the unit explores the concept of fault elements, the criminal justice system and a selection of major forms of behaviour and the legal system.
Courses: L573, L542, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Prerequisites: LWB238
Contact hours: 3 per week  Credit points: 12  Incompatible with: LWB202, LWB232
Campus: GP, EXT  Semester: 2
► LWB240 PRINCIPLES OF EQUITY
The principles of Equity were originally developed to ameliorate the harshness of the common law and have since become a fundamental component of our legal system. A knowledge and understanding of the major principles of equity is necessary to an understanding of how the Australian legal system operates and it is therefore located early in the LLB degree. The aim of this unit is to provide a coherent knowledge and understanding of equitable principles within the context of the Australian legal system. This unit will focus on helping students develop skills relevant to ongoing learning and professional practice.
Courses: L573, L542, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Contact hours: 3 per week  Credit points: 12  Incompatible with: LWB301, LWB234
Campus: GP, EXT  Semester: 1
► LWB241 TRUSTS
Trusts are a fundamental institution of ownership of property in equity and they are used for various purposes including estate planning, commer-
UNIT SYNOPSIS

Contact hours: Courses:  
Examines the law relating to receivership; and as well as developing skills relevant to ongoing learning and professional practice.
Course: 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. As a family 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.
Course: 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 underpinned 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: LWB33 INSOLVENCY LAW  
Examines the insolvency of individuals and the Bankruptcy Act 1966 (Cwlth); winding up of companies, reorganizations 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: LWB353 SELECT ISSUES IN LAW AND GOVERNMENT  
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. It will also include partners, beneficiaries, trustees and company shareholders. This unit builds on the principles developed in Introduction to Taxation law in relation to the taxation of individuals in that the concepts of income, deductions, residence and so on are discussed in the context of business entities.
Courses: LWB320 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 REO Contract Terms of Sale in use in Queensland. There is also reference to conveyancing of lots under the Body Corporate and Management Titles Act 1997 and Land Sales Act 1984.
Courses: LWB321 ADMINISTRATIVE LAW  
Examines the law relating to judicial review of administrative action by authorities, systems of merits appeal and the law of standing in public interest litigation.
Courses: LWB322 COMMERCIAL AND PERSONAL PROPERTY LAW  
Fundamental concepts of personal property law (including possession and ownership); transfers of and dealings in personal property; protection of personal property interests; agency, bailments, sale of goods; introduction to trade practices law.
Courses: LWB354 ADVANCED CIVIL PROCEDURE  
The elective unit builds on Civil Procedure (LWB431) providing advanced litigation skills in select areas. Content includes case flow management and court supervision, affidavits, limitation of actions, interrogatories, non-party disclosure, and conducting personal injuries litigation - Motor Accident Insurance Act, WorkCover Queensland Act.
Courses: LWB332 COMMERCIAL AND PERSONAL PROPERTY LAW  
Examines the law with respect to wills and probate processes, insurance, trust and estate law, inheritance and intestate succession, the law of trusts and agency, succession of property interests; agency; bailment; of and dealings in personal property; protection of personal property interests; and introduction to trade practices law.
Courses: LWB333 THEORIES OF LAW  
Legal practice requires an understanding and appreciation of both the theoretical and practical foundations, as these guide the policies and in- form changes to law through legislative and judicial action. This major theoretical and philosophical approaches assists with the resolution of novel and difficult legal problems. The unit is designed to develop knowledge based content and process based competencies that will result in independent learning outcomes. Topics covered include: Natural Law, Positivism, Dworkin, Social, Economic and Historical theo- ries of law, Legal Realism, Sociological theories of law, Critical Legal Studies, Postmodern Legal Thought. Examination of principles of Law, Critical Race Theory, Postcolonial Legal Theory.
Courses: LWB334 CORPORATE LAW  
The basic 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 com- pany officers and shareholders 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: LWB335 SELECT ISSUES IN LAW AND GOVERNMENT  
Examines contemporary issues in public law and government in areas such as commercial government activity, privacy and whistleblower protection.
Courses: LWB336 ADVANCED TAXATION LAW  
Credit points: 8  
3 per week  
Contact hours: 
UNIT SYNOPTES

event should occur, upon which a payment in the insured sum shall be made. This course prepares students to advise insureds and insurers alike on issues such as whether a policy covers the event which has occurred and whether there are grounds for disputing an insured’s claim, or for refusal. In addition to principles of general insurance, the course also covers selected aspects of legal aspects of life insurance, directors and officers insurance and a detailed study of the statutory framework in Queensland for compulsory third party motor vehicle insurance and workcover insurance. Any one particularly interested in litigation should study insurance law.

Courses: LWB33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Prerequisites: LWB136, LWB137 or equivalent
Contact hours: 3 per week
Credit points: 12
Semester: 1
Campus: GP, EXT

► LWB364 INTRODUCTION TO TAXATION LAW

Examines the principles relating to the powers of the Australian government to impose income tax. This includes concepts of residence of individual tax payers for taxation purposes and source of income. Students will then consider the distinction between income and capital as this relates to the imposition of income tax and the concept of deductions as a means of reducing taxable income. Taxation of capital gains is also covered 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 consideration of the general anti-avoidance rules and tax law cases. An examination of the general anti-tax avoidance provisions and how they apply.

Courses: LWB33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Contact hours: 3 per week
Credit points: 12
Semester: 1
Campus: GP, IP, Semester: 1

► LWB366 LAW OF COMMERCIAL LAW

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, relationships with third parties, relationship of members inter se. This unit can be completed before or in conjunction with Corporate Law (LWB334).

Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Contact hours: 3 per week
Credit points: 12
Semester: 1
Campus: GP, IP, Semester: 1

► LWB367 LAW OF CORPORATE GOVERNANCE

Successful completion of LWB334 Corporate Law is a prerequisite to undertaking this unit. This is a specialised unit providing an examination of the two organs which govern a company: the board of directors and the company in general meeting. The unit will examine in some detail particular aspects of the law applicable to these bodies, for example some of the duties affecting directors, topical issues such as directors interests in contracts; the role of waiver of breaches and improprieties; members rights and protection; relevant aspects of meeting law; an examination of the roles of the Australian Securities Commission and the Australian Stock Exchange; the roles of the Institutional Shareholder and/or Shareholder Associations.

Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Prerequisites: LWB334
Contact hours: 3 per week
Credit points: 12
Semester: 1
Campus: GP, EXT

► LWB406 FUNDAMENTALS OF PUBLIC LAW

The legal rules which govern the activities of nations and the regulation of the activities of nations by international organisations, such as the United Nations. Further discussion of a part of a claim that may be sources: treaties, customary law, general principles of law. The concept of international legal principles and the determination of international law. The effects of international law: sovereign, international responsibility. The law of armed conflicts.

Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Contact hours: 2 per week
Credit points: 12
Semester: 1
Campus: GP, EXT

► LWB407 PRIVATE INTERNATIONAL LAW

The body of law governing the resolution of private legal problems with a significant foreign (or inter-state) element. Topics studied include: jurisdiction of domestic courts to determine matters having a foreign element; enforcement of foreign judgments in the domestic jurisdiction: choice of law for the resolution of the dispute, both generally and in relation to family law, contract, tort, property and succession. This unit assumes a basic knowledge of these areas of substantive law and therefore is best taken as a final year unit.

Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Prerequisites: LWB112 or equivalent, LWB133 or equivalent, LWB414, LWB418, LWB233 or equivalent
Contact hours: 3 per week
Credit points: 12
Semester: 1
Campus: GP, EXT

► LWB410 COMPLEXITY LAW

An overview of the anti-competitive practices which are proscribed by Part IV and Part XIB of the Trade Practices Act 1974 (Cwlth). It will also deal with the remedies available for contraventions of Part IV and the possibility of obtaining authorisation from the Australian Competition and Consumer Commission. The access provisions of Part III A and Part XIC will also be considered.

Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Contact hours: 2 per week
Credit points: 12
Semester: 1
Campus: GP, EXT

► LWB412 RESEARCH AND WRITING PROJECT

A supervised piece of research on a legal topic, and the writing of a paper of approximately 6500 words on that topic. This project offers an ideal opportunity for students to prepare topics of academic or career-related interest, and to produce an item of writing which might assist in scholarship, postgraduate and career-related applications. A student wishing to undertake this unit should discuss the matter as early as possible in the semester immediately before that in which he or she proposes to undertake it, preferably with the proposed supervisor of the student’s own choosing. Students are required to submit a proposal and application for the unit coordinator. Fewer options will be available than the units described in the LWB411 Competitions guide. This unit is a corequisite for students undertaking LWB411, and prepares them for a higher level of understanding and development of oral and written argument and persuasive speaking, and an ability to apply these skills in an international competitive context.

Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Prerequisites: LWB418
Credit points: 12
Semester: 1, 2
Campus: GP

► LWB420 INTERNSHIP

The aim of this unit, to be ideally undertaken in the later years of the LLB course, is to provide an opportunity for students to work in a functioning workplace environment with a broad public law focus and to enable students to engage in practical work, that requires analysis critical reflection and appropriate communication skills.

Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Prerequisites: Completion of 192 credit points of law units
Credit points: 12
Semester: 1, 2
Campus: GP

► LWB431 CIVIL PROCEDURE

This core unit focuses on developing basic litigation skills, including the adversarial system and alternative methods of dispute resolution, obligations to the client, the complexities and processes of litigation conducted in the Supreme, District and Magistrates Courts, jurisdiction, originating process, notice of intention to defend, parties, service, ending proceedings early, pleading, disclosure, subpoenas, trial, appeals, costs and enforcement.

Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Contact hours: 3 per week
Credit points: 12
Incompatible with: LWB404
Semester: 1
Campus: 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. It is a part of common law, itself an area of continuous development. Evidence is an issue which covers both State and Federal jurisdictions.

Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
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Contact hours: 3 per week  Credit points: 12
Incompatible with: LWB402  
Campus: GP, EXT  Semester: 1, 2

LWB333 PROFESSIONAL RESPONSIBILITY

The ethical principles upon which the practice of all of the principal areas of the law are based, the principles which underpin the discipline of the 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: LWB332, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Contact hours: 3 per week  Credit points: 12
Campus: GP, EXT  Semester: 2

LWB343 ADVANCED RESEARCH AND LEGAL REASONING

Advanced skills of legal research, analysis, problem-solving, critical thinking, and writing for diverse purposes; topical developments in substantive areas of law.

Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Prerequisites: LWB143 or equivalent, LWB333
Contact hours: 3 per week  Credit points: 12
Incompatible with: LWB415
Campus: GP, IF  Semester: 1

LWB451 ALTERNATIVE DISPUTE RESOLUTION

Heralded as the new Equity, alternative dispute resolution mechanisms for settling disputes, especially particular mediation, are being utilised by all courts and most administrative tribunals to reduce the complexity, time and cost of adversarial dispute resolution. A knowledge of these processes and skills is therefore desirable, if not essential, for all legal practitioners. This unit builds on negotiation skills modules developed in first and second year core units and introduces the theory and skills of mediation.

Courses: LWB332, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Contact hours: 3 per week  Credit points: 12
Campus: GP, EXT  Semester: 1, 2

LWB452 ASIAN LEGAL SYSTEMS

This unit introduces students to the legal systems of countries in Northern 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 differences 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 social and legal world works, and the formal structures of government before examining whether there is a gap between ‘law in books’ and ‘law in practice’.

Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Contact hours: 2 per week  Credit points: 8
Campus: GP, EXT

LWB454 BANKING AND FINANCE LAW

This unit deals with the principal areas of activity of banks and other financial institutions in commercial and consumer transactions. It covers the banker-customer relationship including the Banking Code of Practice, the principles governing the ownership and liability in relation to negotiable instruments, the liability of financial institutions with respect to misappropriated cheques, documentary credits, garnishee orders, credit and debit cards, and the Electronic Funds Transfer Code.

Courses: LWB332, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Prerequisites: LWB132 or equivalent and LWB333
Contact hours: 3 per week  Credit points: 12
Campus: GP, EXT

LWB456 LEGAL CLINIC (ORGANISED PROGRAM)

Students are provided with the opportunity to see law in action through being involved in the delivery of legal services to members of the community under the umbrella of Legal Aid Queensland, the Prisoners Legal Service Inc or the Aboriginal and Torres Strait Islander Corporation (QEA) for Legal Services. This unit in place for Classic Work Placement is supplemented with a weekly seminar program which deals with such topics as legal interviewing, family and criminal law practice, professional and personal legal writing. This unit has a quota limit.

Courses: LWB33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Credit points: 12
Campus: GP  Semester: 2

LWB461 PRIVATE LAW REMEDIES

Students develop an overall perspective on and deeper understanding of the remedies of the laws. The unit is designed to provide students with an overview of the principal areas of private law remedies, and to introduce students to an understanding of the circumstances in which various private law remedies are available and the capacity to make sound judgments in electro-mechanical matters in which remedies to pursue against a background of heterogeneous fact situations.

Courses: LWB33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Prerequisites: LWB132 or equivalent, LWB133 or equivalent, LWB234 or equivalent
Contact hours: 2 per week  Credit points: 8
Campus: GP, EXT

LWB464 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. The unit will introduce students to an understanding of the circumstances in which various private law remedies are available and the capacity to make sound judgments in electro-mechanical matters in which remedies to pursue against a background of heterogeneous fact situations.

Courses: LWB33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Prerequisites: LWB132 or equivalent, LWB133 or equivalent, LWB234 or equivalent
Contact hours: 2 per week  Credit points: 8
Campus: GP, EXT

LWB480 ELECTRONIC COMMERCE AND TECHNOLOGY CONTRACTS

This unit will allow students to study, examine and critique the law relating to electronic commerce and technology contracts; gain an awareness of the essential legal clauses in software development, licensing and distribution agreements; appreciate the role of intellectual property and risk management strategies; and develop a focus of critique about the underlying design, content, and practice of electronic commerce.

Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Contact hours: 3 per week  Credit points: 12
Campus: GP, EXT

LWB485 ENVIRONMENTAL LAW

An introduction to environmental law in Queensland; the sources, nature and development of environmental law in Queensland; the concepts of environmental law (for example property, administrative control, law and policy, planning, management); access to the environment; planning to prevent environment degradation and pollution; protecting the environment; managing the environment; conservation; ecologically sustainable development; environmental law; the role of the Commonwealth.

Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Contact hours: 2 per week  Credit points: 12
Campus: GP, EXT  Semester: 2

LWB486 INTELLECTUAL PROPERTY LAW

The unit provides an introduction to the most significant of the legislative enactments creating or protecting intellectual property in Australia, including those governing copyright, designs, patents and trade marks. It also considers the application of relevant common law, particularly confidential information and passing off.

Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Prerequisites: LWB132 or equivalent, LWB133 or equivalent
Contact hours: 2 per week  Credit points: 8
Campus: GP, EXT

LWB487 SECURITIES

Examines the laws governing shipping, an essential feature of commerce for Australia as an island nation. Topics covered include shipping contracts, such as charter parties and bills of lading, international rules governing the carriage of cargo (the amended Hague Rules and Hamburg Rules) and marine insurance, as well as matters affecting the conduct of ships such as salvage, carriage of cargo, salvage, oil pollution and limitation of liability.

Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Prerequisites: LWB132 or equivalent, LWB133 or equivalent
Contact hours: 2 per week  Credit points: 8
Campus: GP, EXT

LWB492 SECURITIES

Examines security interests commonly taken by providers of credit when advancing money. One of the common securities obtained by lenders in practice is a mortgage over real property. Given the practical importance of this as a form of security, the nature of a correct mortgage, the rights of the mortgagor and enforcement options of the mortgagee are examined. Other security interests such as equitable mortgages, are also examined. Security interests in shares and debentures and the assignment of sale over personal property and possessory liens are also examined. Because the Consumer Credit Code regulates most transactions involving the provision of consumer credit, the implications for security interests will also be examined. Provisions of the Trade Practices Act 1974 as they affect the validity and operation of securities will also be considered.

Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Prerequisites: LWB233 or equivalent
Contact hours: 3 per week  Credit points: 12
Campus: GP, EXT
UNIT SYNOPSES

► LWN049 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 1999 (Qld). It is concerned with the sentencing of dangerous offenders; sentencing dispositions, and sentencing different classes of offenders, e.g juvenile offenders. It covers the different classes of sentences employed in practice under the Penalties and Sentences Act 1999 (Qld). The unit also introduces the reader to the fundamental principles of the criminal justice system in Australia. It is designed to provide a thorough grounding in the theoretical and practical aspects of the sentencing function and to provide students with an in-depth understanding of the principles and concepts underpinning the sentencing process. The unit is assessed through a combination of written assignments and an exam. Credit points: 12
Semester: 1, 2

► LWN034 CREDIT FOR UQ SUBJECT 3
See LWN032.
Courses: LW51, LW60
Credit points: 12
Semester: 1, 2

► LWN035 MEDICO-LEGAL ISSUES
The relationship between the individual and the health-care provider, the concept of 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; compensation against health-care workers.
Courses: LW50, LW51, LW60
Contact hours: 26
Credit points: 12

► LWN036 SELECT ISSUES IN INTELLECTUAL PROPERTY LAW
This unit examines a range of contemporary issues in the broad field of intellectual property law. Topics include: Copyright protection for digital works; the Copyright Law Review Committee (CLRC) Reports; defences in relation to computer program (reverse engineering); the protection of trade marks and the proposition of collective administration of legal copyright, fair dealing, copyright protection of Indigenous art and culture, moral rights and performers' rights, protection of sound recordings, contractual rights in the digital age; patent protection for computer programs; current issues in Trade Marks (including domain name and geographical indications).
Courses: LW51, LW51, LW60
Contact hours: 26
Credit points: 12

► LWN043 LAW OF COMPANY TAKEOVERS
Consideration of Chapter 6 of the Corporations Law which regulates acquisitions of shares affecting a change in a company's control. Both practical and conceptual analysis and emphasis.
Courses: LW51, LW60
Contact hours: 26
Credit points: 12

► LWN046 ADVANCED PLANNING LAW
A detailed study of town planning law with special emphasis on relevant Queensland legislation in particular the Integrated Planning Act 1997 and Regulations, and Legislation relevant to major/significant development projects. Particular emphasis will be placed on the integrated development assessment system, both transitionally and under full IDAS. Topics will include: Ecological Sustainability; Development; Application Stage; Information Referral Stage; Decision Stage; Ministerial IDAS Powers; Appeal Process; Integration with the Environmental Protection Act 1994, the Building Act 1975, the Transport Infrastructure Act 1994, the Vegetation Management Act 1999, the Water Act 2000.
Courses: LW51, LW60
Contact hours: 2 per week
Credit points: 12
Semester: 1

► LWN047 LEGAL EDUCATION
This unit introduces an overview to the main schools of thought on legal education. A review of legal education from an historical and socio-political perspective taken with consideration of the implications of the introduction of new teaching models in contemporary university legal education and in the teaching of law. The unit is assessed through a combination of written assignments and an exam. Credit points: 12
Semester: 1

► LWN032 CREDIT FOR UQ SUBJECT 1
Under the course rules, a coursework student may, with the prior approval in writing of the Deans of the Faculties of Law of QUT and of the University of Queensland, undertake any combination of a coursework and one semester unit offered in the LLM degree by Coursework at the University of Queensland which are equivalent to the unit LWN032. This unit represents a one-semester unit taken pursuant to that course rule at the University of Queensland.
Courses: LW51, LW60
Credit points: 12
Semester: 1

► LWN033 CREDIT FOR UQ SUBJECT 2
See LWN032.
Courses: LW51, LW60
Credit points: 12
Semester: 1

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Prerequisites: LWN025, LWN053, LWN056
Credit points: 12
Semester: 1
Campus: QUT
► LWN058 RESEARCH PROJECT 2B
See LWN026.
Courses: LWS1, LWN06
Credit points: 24
Campus: GP, EXT
Semester: 1, 2, 3
► LWN060 ENVIRONMENTAL LEGAL SYSTEM
An overview of the principles and concepts of envi-
ronmental law in Queensland; understanding of the
law in Queensland for the protection and conserva-
tion of the environment; examination of the way in
which the law accommodates private interests and
the public interest. Included are pollution control,
environmental impact assess-
ment, environmental management, conservation of
the natural and cultural environments.
Courses: LWS1, LWN06
Credit points: 12
Contact hours: over 5 days
Semester: 2
Campus: Garden Point
► 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 regulatory
mechanisms for achieving these operational objec-
tives; an assessment of a number of developed and evolving mechanisms
for achieving these objectives such as policy
objectives, management plans, incentives and
inducements, market instruments and property
rights. Examples include land, water and fish-
eries.
Courses: LWS1, LWN06
Contact hours: 2 per week
Credit points: 12
Semester: 2
Campus: QUT
► LWN062 FEDERAL ENVIRONMENTAL LAW
History of Commonwealth involvement in envi-
rmental management; the Inter-Governmental
Agreement of 1992; relevant paragraphs of s. 51
of the Constitution; judicial interpretation of the
paragaphs; impact of ss 90, 92 and 109 of the
Constitution; federal legislation dealing with
offshore development, marine environment pro-
tection, environmental impact assessment, na-
tional estate, wildlife conservation, Great Barrier
Reef, hazardous waste and industrial chemicals,
water management, air pollution, protection, ecolog-
cally sustainable development, climate changes, and
biological diversity.
Courses: LWS1, LWN06
Contact hours: 2 per week
Credit points: 12
Semester: 2
Campus: Garden Point
► LWN063 COMPARATIVE ENVIRONMENTAL LAW
The role of environmental regulation in other jurisdic-
tions and the range of policy and legal instruments
being utilised to achieve envi-
ronmental objectives; jurisdictions include Euro-
pean countries such as the United Kingdom and
Greece, the European Union, South Africa, India,
New Zealand and the USA.
Courses: LWS1, LWN06
Contact hours: 26 over 5 days
Credit points: 12
Contact hours: 2 per week
Credit points: 12
Semester: 2
Campus: Garden Point
► LWN066 CONSTRUCTION AND ENGINEERING LAW
Preparation of construction and engineering
contracts has now become a distinct area of legal
practice with many firms having established
sections which specialise in this area. A sound
knowledge of the standard forms used in the
industries and the special principles of law appli-
cable to this area is essential for those wishing to
practise in the area. This unit provides the
knowledge sought by current and future practi-
tioners and those considering embarking upon
research in this area.
Courses: LWS50, LWS1, LWN06
Contact hours: 2 per week
Credit points: 12
Semester: 2
Campus: Garden Point
► LWN070 CREDIT FOR UQ SUBJECT 4
See LWN026.
Courses: LWS1, LWN06
Prerequisites: LWN026
Credit points: 24
Campus: GP, EXT
Semester: 1, 2, 3
► LWN075 INTERNATIONAL COMMERICAL TRANSACTIONS
This unit on international trade law addresses the
legal processes involved in the formation and
operation of commercial transactions of an inter-
national nature. Its scope is largely confined to
the sphere of private law. Topics covered in-
clude: the international trade law and environ-
ment; harmonisation and unification of law;
international contracts (characteristics, compara-
tive law, interpretation of 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
mechanisms (such as litigation, arbitration and alterna-
tive dispute resolution) are examined, and their
effectiveness evaluated, in the light of the legal
and practical principles behind commercial trade.
Students are introduced to a range of commercial practices, national regulation, and
international uniform rules, model laws and
conventions.
Courses: LWS50, LWS1, LWN06
Contact hours: 2 per week
Credit points: 12
Semester: 2
Campus: QUT
► LWN076 INTERNATIONAL COMMERICAL 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 mech-
anism (such as litigation, arbitration and alterna-
tive dispute resolution) are examined, and their
effectiveness evaluated, in the light of the legal
and practical principles behind commercial trade.
Students are introduced to a range of commercial practices, national regulation, and
international uniform rules, model laws and
conventions.
Courses: LWS51, LWN06
Contact hours: 2 per week
Credit points: 12
Semester: 2
Campus: QUT
► LWN083 ESTATE PLANNING
In recent years there has been a renewed interest
in all aspects of estate planning. During the pe-
riod when death duties were imposed at both the
State and Federal levels, professional interest in
this area was high as the public perceived its
need for expert professional advice, particularly
as it related to the structuring of a person’s affairs
to minimise the impost of these duties. The
emergence of capital gains tax and the realisation
of its growing significance, together with a recent
emphasis generally on financial planning has
again brought this area to prominence. At a time
when the legal profession is looking for new
areas of research and development of new areas of
practice, this unit is one which has been largely ne-
lected.
Courses: LWS50, LWS1, LWN06
Contact hours: 2 per week
Credit points: 12
Campus: Garden Point
Semester: 1
► LWN087 CONTEMPORARY ISSUES IN TORTS
Contemporary issues in the law of torts extend
beyond the tort of negligence to include areas
such as the economic torts, the tortious liability
of public officials, the torts of trespass and nui-
sance and the emerging tort of privacy. In addi-
tion there have been significant developments in
related areas such as vicarious liability and the
apportioning of liability amongst multiple tort
feasors. It is, therefore, appropriate that these
contemporary issues in the law of torts be the
subject of an LLM unit which allows for a more
sophisticated level of conceptual analysis and
synthesis than can be appropriate for an undergradu-
ate level.
Courses: LWS1, LWN06
Contact hours: 26 over 4 days
Credit points: 12
Semester: 2
Campus: Garden Point
► LWN088 GOVERNMENT LAW, POLICY AND PRACTICE
Examines key aspects of the law and policy-
making process surrounding the development of
legislation and the operation of government, espe-
cially in Queensland and Australia. Topics covered include: the internationalisation of Aus-
tralian law and policy making, civil and criminal
liability of the crown and crown employees, scaping of legislation (Queensland’s ‘fundamental legislative principles’), grounds for challenging legislation, crown immunity, gov-
ernment 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, legis-
lative arms of government and the governmental
policy making process.
Courses: LWS1, LWN06
Contact hours: 2 per week
Credit points: 12
Campus: GP
► LWN099 CORPORATE INSOLVENCY
Considers topics of commercial interest relevant
to corporate insolvency. It concentrates on ad-
vanced areas pertinent to liquidation, receivers
and other controllers, and voluntary administra-
tion and receivership in Australia. Lectures and
discussions will focus on issues likely to arise in practice, includ-
ing problems associated with statutory demands, termination of deeds of arrangement, and insurer
right of subrogation. The focus is on practical
issues.
Courses: LWS1, LWN06
Contact hours: 26 hours over 4
term weeks
Credit points: 12
Semester: 1
Campus: Garden Point
► LWN099 INTELLECTUAL PROPERTY LAW
A study of the concept of Intellectual Property
and the principles and policies of intellectual
property law. Topics covered include: copyright,
designs, patents, innovation patents, trade marks,
passing off, breach of confidence.

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Courses: LWN1, LW60
Contact hours: 26 hours over four days
Campus: GP

► LWN100 HONOURS DISSertation
A dissertation by students enrolled in the Master of Laws by Coursework who have completed 96 credit points. Limiting law has been a particular area of research and practice over the past two decades in the United Kingdom and the United States, and increasingly so in Australia. In practice, this is particularly so for barristers and specialist criminal law practitioners. Increasingly, law schools have undergraduate and postgraduate units in this area. Almost all Australian jurisdictions have now introduced specialised sentencing legislation, introducing discrete principles and ensuring that a specific discipline area of sentencing law has emerged, complete with its own discourse. It is therefore appropriate that sentencing law should feature as a postgraduate unit in its own right.
Courses: LWN1, LW60 Contact hours: 2 per week Credit points: 12 Campus: GP Semester: 2

► LWN113 LAW OF GUARANTEES
Guarantees are an important area of practice for commercial lawyers as a substantial proportion of large commercial transactions involves the giving of guarantees. Guarantees are also significant for consumer finance. This unit will consider forma tion, enforcement, cancellation and discharge of contracts, factors affecting validity, including disclosure, misrepresentation, mistake, undo influence and undue influence. Study of the Trade Practices Act (Cwlth), s70 Consumer Code; obligations of solicitor; liability, including principle of co-extensiveness and rules of contribution, discharge of guarantee, including discharge by the determination of the principal transaction and discharge by reason of the creditor's conduct.
Courses: LWN1, LW60 Contact hours: 2 per week Credit points: 12 Campus: GP Semester: 2

► LWN117 REGULATION OF THE INTERNET
This unit studies the law as it relates to the Internet, both existing legal principles being applied in the online environment and new law created due to the nature of the online environment, so called cyberlaw. A knowledge of cyberlaw is important in most areas of legal practice and particularly so in banking, intellectual property, litigation and media. This unit focuses on various legislated and discussed cases and examines recent developments, in terms of case law, legislation and policy, in Australia and internationally. This unit will include such topics as: infringement of legal issues relating to the Internet and methods of regulation; creation and operation of web sites; jurisdictional issues on the World Wide Web.
Courses: LWN1, LW60 Contact hours: 2 per week Credit points: 12 Campus: GP

► LWN119 EMPLOYMENT LAW
Employment law is a foundation unit that allows students to survey at an advanced level the sources, components and relationships of employment law in Australia. Successful completion of this unit will provide students with the necessary background to continue on to undertake further advanced courses in more specialised areas of labour law, including public sector employment law and the law of trade unions.
Courses: LWN1, LW51, LW60 Contact hours: 26 Credit points: 12 Campus: GP

► LWN120 SELECT ISSUES IN MEDIA LAW
This unit examines the concept of freedom of speech as exercised by the media and selected limitations on that freedom imposed by the commercial law, libel, statute, limitations imposed upon media institutions represented by broadcasting law, and policy and legal issues affecting the freedom of speech in a media environment.
Courses: LWN50, LW51, LW60 Contact hours: 2 per week Credit points: 12 Campus: GP

► LWN122 COMMERCIAL LEASES
The principles governing standard clauses of a modern Australian commercial lease in the light of recent case law and Queensland statutory provisions affecting such interests. Topics include: negotiation of terms for repair; user, assignment, quiet possession, options to renew and purchase, the phenomenon of default, rules of interpretation, security interests including those under the Trade Practices Act 1974, and retail shop leases in Queensland generally.
Courses: LW51, LW60 Contact hours: 2 per week Credit points: 12 Campus: GP

► LWN124 CONTEMPORARY FAMILY ISSUES
This unit will examine a number of complex issues which can and do confront families from time to time. The first part of the unit examines those legal principles concerned with the break down of de facto relationships and the distribution of property between partners. The laws on issues such as surrogacy arrangements, access to reproductive technology, adoption, adoption and enduring powers of attorney will be considered as well as the law relating to Australia's international obligations and non-disclosure and the ethical and social perspectives which impact on these issues. The criminal and quasi-criminal law also impact upon family law aspects and dynamics and, in this context, issues of domestic violence and stalking will be examined.
Courses: LW51, LW60 Contact hours: 2 per week Credit points: 12 Incompatible with: LWN003 Campus: GP

► LWN125 ELECTRONIC COMMERCIAL LAW
This unit will consider the following topics: introduction to electronic commerce; contractual issues; electronic signatures; electronic money; certification and cryptography; cybercrimes; payment mechanisms; taxation; and other legal issues in relation to legal requirements for information, including electronic information, time and place of dispatch and receipt of electronic communications and other issues.
Courses: LW50, LW51, LW60 Contact hours: Intensive Credit points: 12 Campus: GP Semester: 2

► LWN126 THE LAW OF COSTS
This unit will provide a complete analysis of the law of costs in Queensland. The first part of the course will deal with the general principles of the law of costs relevant to Queensland practitioners and the extent to which the common law rules have been modified in practice. The second part of the course is concerned with an analysis of the provisions of the Uniform Civil Procedure Rules 1998 and the Civil Procedure Act 1997 and their relationship with other Commonwealth and State legislation governing costs.
Courses: LW51, LW51, LW60 Contact hours: 2 per week Credit points: 12 Campus: GP Semester: 2

► 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 1964 (Cwlth), and the Civil Liability for Personal Injury Act 2002 (Cwlth) and other legal issues in relation to legal requirements for insurance, including electronic information, time and place of dispatch and receipt of electronic communications and other issues.
Courses: LW51, LW60 Contact hours: 2 per week Credit points: 12 Campus: GP Semester: 2

► LWN128 ADVANCED INSURANCE LAW 2
This unit will cover selected topics on insurance law which pre-suppose a knowledge of insurance law contained in LWN127 Advanced Insurance Law. For example, contractual terms and their interpretation, the legal and equitable insurance and contribution, subrogation, claims, indemnity and reinstatement, waiver and estoppel, motor vehicle compulsory third party insurance.
Courses: LW50, LW51, LW60 Prerequisites: LWN127 Contact hours: 2 per week Credit points: 12 Campus: GP Semester: 2

► LWN129 CONTEMPORARY ISSUES IN SENTENCING LAW
Sentencing has emerged as a specialised area of research and practice over the past two decades in the United Kingdom and the United States, and increasingly so in Australia. In practice, this is particularly so for barristers and specialist criminal law practitioners. Increasingly, law schools have undergraduate and postgraduate units in this area. Almost all Australian jurisdictions have now introduced specialised sentencing legislation, introducing discrete principles and ensuring that a specific discipline area of sentencing law has emerged, complete with its own discourse. It is therefore appropriate that sentencing law should feature as a postgraduate unit in its own right.
Courses: LW51, LW60, JS51 Contact hours: 26 Credit points: 12 Campus: GP Semester: 1

► LWN131 QUEENSLAND STATE LANDS: LAW AND PRACTICE
As the unit examines a unique system of land tenure and deals with 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 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 evaluation skills that may be applied in other areas of study.
Courses: LW50, LW50, LW60 Contact hours: 2 per week Credit points: 12 Campus: GP, EXT Semester: 1

► LWN132 PUBLIC SECTOR EMPLOYMENT LAW AND POLICY
The main topics to be addressed include: The contract of employment; The common law of public sector employment; Appointment, Disciplinary and Appeal Rights of public sector employees; Termination of employment; Anti-discrimination law; Administrative Law; Case studies of local government, statutory authorities, State and Federal public sector employment law.
Courses: LW51, LW60 Contact hours: 26 Credit points: 12 Campus: GP, EXT Semester: 1

► LWN134 REPRESENTATIVE ACTIONS
This course is designed to provide students with a complete examination on the law relating to Representative Actions in Australia. A significant feature of the unit is that the unit is taught from the perspective of commonality and similarity which are preconditions to the maintenance of such an action. However practical issues emerge in representative action litigation such as pleading, opt-out, costs and notification procedures and the conduct of a representative action are also examined. The unit also deals with the interface between the traditional rules as to compromise and security for costs and the special rules that apply to representative actions. Finally recent developments and law reform proposals concerning group litigation in Australia are considered.
Courses: LW50, LW51, LW60 Contact hours: 26 Credit points: 12 Campus: GP

► LWN135 LAW, JUSTICE AND NEW GENETIC TECHNOLOGIES
Our ability to test, screen and manipulate the human genome is made possible by recent technological breakthroughs in science. The science of genetics is not new, but its public profile has never been higher. Current initiatives in genetic knowledge have been described as an internal- revolution in genetics. This unit looks at some technological breakthroughs in science. 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 science.
Courses: LW50, LW51, LW60 Contact hours: 26 Credit points: 12 Campus: GP Semester: 1
UNIT SYNOPSIS

Courses: LWS01, LW51, LW60
Contact hours: 2 per week Credit points: 12

>LWN138 COMPARATIVE CULTURAL HERITAGE LAW

An examination of the concepts of culture and cultural heritage; the international law and work within which cultural heritage is managed and protected; an analysis of the ways in which a number of international jurisdictions approach the conservation of their cultural heritage. These include the USA, UK, the European Union, South Africa, China, New Japan, Malaysia, Zeal- land and the focus on the international cultural heritage values associated with land and land-related resources.
Courses: LW51, LW60
Contact hours: 2 per week Credit points: 12
Campus: GP

>LWN139 PRIVACY LAW

This unit covers an introduction to the concept of privacy, including both the historical development of privacy rights and the operation and implication of state and federal legislation and international obligations; detailed consideration of the Commonwealth private sector regime; consideration of the impact of privacy law on issues such as health, employment, not-for-profit and bank- ing/finance/insurance; issues relating to the limits of privacy; and code development; international regimes.
Courses: LW51, LW60
Contact hours: Intensive Credit points: 12
Semester: 2

>LWN141 WOMEN AND THE AUSTRALIAN LEGAL SYSTEM

The primary aim of this unit is to provide students with an alternative perspective on the legal system, particularly in relation to the experience of women in both the criminal and civil justice area. It is also an understanding of how the legal process affects women and be able to critically analyse substantive laws having regard to their failure to embody women’s experiences in both the civil and criminal justice systems.
Courses: JS51, LW51, LW60
Contact hours: 26 Credit points: 12

>LWN142 EAST ASIAN LEGAL SYSTEMS

Because a country’s legal system cannot be ade- quately understood by just discussing law in books, this unit is to introduce you to factors that shape a country’s legal system such as its history, political systems, culture and language. It also examines key features of the constitutional and civil law areas, and the roles of the legal system, which are unique or different from other countries.
Courses: LW51, LW60
Contact hours: 26 hours over 6 days Credit points: 12
Campus: GP

>LWN143 INTERNATIONAL CRIMINAL LAW

This subject covers one of the most significant and topical developments in international law and human rights today - the question of the interna- tional community’s response to perpetrators who are responsible for gross violations of human rights. Accountability mechanisms, such as inter- national criminal and national criminal courts, Truth Commissions and extradition arrangements be- tween nations have become more prominent in the international community. It is clearly the role of a Law Faculty to discuss and evaluate such important developments. The unit will discuss and apply principles of international criminal law within a human rights and international legal framework.
Courses: LW51, LW60
Contact hours: 26 over 5 days Credit points: 12
Campus: GP

>LWN144 CONTEMPORARY ISSUES IN CHILD LAW

This unit introduces you to selected contempo- rary legal issues affecting children in Australia. These issues present both legal and moral ques- tions that have implications for legal practice and policy development. This unit gives you the opportunity to identify current legal positions about controversial issues in Australian law relating to children, and apply advanced skills in legal research, analysis and writing to critically evaluate those positions.
Courses: LW51, LW60
Contact hours: 2 per week Credit points: 12
Campus: GP, EXT

>LWN145 CORPORATE AND INNSURE DEBT AND SECURITY REGULATION

Regulation is no longer solely a government issue any more, Enron, HIH and One Tel have taught us it is an issue that both the private and public sectors need to embrace and learn quickly. Lawyers and corporate advisers must now think outside the square and keep abreast of an ever- changing legal and corporate environment. This unit will develop a forward thinking approach to corporate and investment regulation and promote another of the practical and professional aspects of the unit.
Courses: LW51, LW60
Contact hours: 26 over 5 days Credit points: 12
Campus: GP

>LWN146 INTERNATIONAL AND COMPARATIVE INTELLECTUAL PROPERTY LAW (ASIA PACIFIC)

The unit will provide an introduction to international intellectual property and policy issues and their connection with European Union (EU) efforts to create an internal market with a level playing field for the protection of intellec- tual property. The unit will also consider diverg- ing perspectives on topics ranging from the pro- tection of genetic and folklore to high technology.
Courses: LW51, LW60
Contact hours: 2 per week Credit points: 12
Campus: GP

>LWN147 PATENT LAW AND COMMERCIALISATION

This unit considers patent law in the context of information technology and biotechnology produc- tics. It will overview the fundamental elements of patent law and commercialise, as well as introduce you to the legal issues involved in the commercialisation of information technology and biotechnology.
Courses: LW51, LW60
Contact hours: 2 per week Credit points: 12
Campus: GP

>LWN150 DEATH, DECISIONS AND END OF LIFE TREATMENT

As a person nears the end of their life, their medical treatment and other care raises complex ethical implications of the work done by health professionals about whether particular treatment should be provided or refused may have to be made, and this is complicated by the fact that many people may not make these decisions at this stage of their life to be able to make these decisions. Although a competent adult may refuse treat- ment, another choice demanded by some is the right to end their own life and to be assisted by others to achieve this. This unit examines the legal aspects of these choices.
Courses: LW51, LW60
Contact hours: 2 per week Credit points: 12
Campus: GP

>LWN151 SELECT ISSUES IN PROPERTY LAW

The principles and practice relating to transac- tions of real property are rapidly becoming more complex, the complexity being driven by con- tinuing statutory intervention in what had been for many years traditionally settled relationships eg those of principal and real estate agent, buyer and seller, commercial lessor and lessee, mortgagor and mortgagee. In recent times the courts are also redefining these relationships through the focus on the concept of ‘property’.
Courses: LW51, LW60
Contact hours: 2 per week Credit points: 12
Campus: GP

>LWN152 LAW OF THE EUROPEAN UNION

The European Union (EU) is now the world’s largest and wealthiest trading bloc; it is also developing an increasingly significant role as a platform for international diplomatic and military circles, and offers a wholly new approach to the issue of the federalisation of governmental activity in any national boundaries. For those reasons alone, the legal system of the EU merits study by lawyers in any nation. In a more abstract, aca- demic vein, study of the EU provides a fascinat- ing window into a complex and growing system of regionalisation which is testing the difficulties of reconciling national and inter- national interests within a single legal order.
Courses: LW51, LW60
Contact hours: 2 per week Credit points: 12
Campus: GP

>LWN153 SELECT ISSUES IN ART, CULTURE AND THE LAW

This unit introduces a distinct art and culture law to Australian legal practitioners, arts practitioners and policy makers, which has been developing in the international arena since the 1980s. Creating and selling art and cultural objects is the subject of well-defined categories of law, including copyright and as well as other specific forms of regulation, such as the laws governing the international movement of cultural objects, is less well-known. This unit examines the relationship between the areas of law and art and culture.
Courses: LW51, LW60
Contact hours: 2 per week Credit points: 12
Campus: GP

>LWR003 THESIS

A dissertation undertaken by students enrolled in LW50 Doctor of Juridical Science. The disserta- tion should make a notable contribution to pro- fessional knowledge and practice which may be in the form of new legal theory, significant original adaptation, application and interpretation of existing knowledge and practice.
Courses: LW50
Contact hours: 2 per week Credit points: 12
Campus: GP, KG

>LWS001 MEDICINE AND THE LAW

The impact of some important fields of law upon the medical profession and upon hospital staff, patients and visitors. Introduction to law and the legal system. The Federal and State systems; general principles of the law of tort; principles of negligence; liability of hospitals; issues of con- sent; legal aspects of medical practice; medico- legal investigations; abortion law; euthanasia and transplantation issues.
Courses: PU40
Contact hours: 3 per week Credit points: 12
Campus: KG
Semester: 2

>LWS006 HEALTH, ETHICS AND THE LAW

The legal issues associated with the matter of public health and an appreciation of the legal and ethical implications of the work done by health care professionals in this area. Topics include: introduction to the Australian legal system; tort law and its impact on the public health system; workplace health and safety legislation; medical records and confidentiality; criminal law and the health care profession; transplantation of organs and tissues; complaints against hospitals and health care professionals.
Courses: HL88, NS64, PU65, PU69
Contact hours: 3 per week Credit points: 12
Campus: KG

>LWS400 LAW OF INFORMATION TECHNOLOGY

In this unit information technology students will be introduced to the legal rights and responsibilities associated with electronic commerce, software development and licensing. Topics include: contemporary issues of copyright, patents and trademarks; circuit layouts; software licensing and development agreements; electronic commerce; public and private security; civil and criminal liability on the Internet; and potential risk management strat- egies. You will also gain a basic understanding of the Australian legal system, contract law, licens- ing, tort law, and trade practices law as it relates...
to the development and implementation of information technology.

Courses: IT21, IT35, IT38, IT40, IT45
Contact hours: 3 per week Credit points: 12
Campus: GP

► MAB100 MATHEMATICAL SCIENCES 1A
Functions; polynomial, trigonometric and exponential functions; properties and graphs. Differentiation; Derivatives and integrals for common functions and rules for differentiation and integration of composite functions; integration techniques such as substitution, partial fractions; numerical methods; modelling and solution of problems. Vectors and matrices: vectors interpreted as geometric representations in space, matrices and their properties; linear systems; aspects of vector algebra and unique, non-unique and non-existent solutions to systems of simultaneous equations. Complex numbers: Argand diagrams, complex arithmetic, solution of equations.

Courses: BS56, ED50, ED90, IF21, IF29, IF39, IF58, IF60, IF61, IF71, IF73, IF79, IF84, IF86, IT21, IT20, IX04, IX09, IX14, MA54, MA65, MA75, MA85, PS47, PS48, SC01, SC20, SC51
Prerequisites: MAB105
Corequisites: MAB105
Contact hours: 4 per week Credit points: 12
Incompatible with: MAB180, MAB131
Campus: GP Semester: 1, 2, 3

► MAB101 STATISTICAL DATA ANALYSIS 1A
Collection and representation of data; explaining data with models; the (Gaussian) distribution; sampling distributions, properties of sample mean and standard deviation; testing the nature of the population mean, mean difference and variances, tests of independence; analysis of variance (ANOVA); aspects of design of experiments; modelling relationships between measurements using regression; extensions of regression; analysis of covariance; confidence intervals; estimating and tests of hypotheses about proportions and probabilities.

Courses: ED50, ED90, IF21, IF29, IF39, IF58, IF60, IF61, IF71, IF73, IF79, IF84, IF86, IT21, IT20, IX04, IX09, IX14, LS50, MA54, MA65, MA75, MA85, SC01, SC20, SC51
Prerequisites: MAB105
Corequisites: MAB101
Contact hours: 4 per week Credit points: 12
Incompatible with: EFB101, MAB135, MAB136, MAB137, MAB138, MAB890
Campus: GP, CA Semester: 1, 2, 3

► MAB105 PREPARATORY MATHEMATICS
This unit is a substitute for Senior Mathematics B for students who need the equivalent background for the successful study of units which assume it. Basic number facts, natural numbers, integers, rational numbers, real numbers and their operations; basic algebra; functions and equations, graphs, linear functions, equations and applications; systems of linear equations; quadratic, exponential, logarithmic and trigonometric functions, properties and applications; introduction to calculus: rates of change, derivatives, rules of differentiation, second derivatives, maxima and minima and applications; integration and applications.

Courses: SC01, any other appropriate course
Contact hours: 4 per week Credit points: 12
Incompatible with: MAB107, MAB100, MAB111, MAB131, MAB180
Campus: GP Semester: 1, 2, 3

► MAB107 INTRODUCTORY MATHEMATICS AND STATISTICS
Mathematics: introduction to the number system; algebra and arithmetic; properties and graphs of functions; representation by graphs; linear functions including simultaneous solution and applications; quadratic functions; introduction to complex numbers. Statistics: introduction to statistical data; presentation of data; measures of central tendency and dispersion; measures of variation; graphs; probability; discrete and continuous variables; types of distributions, particularly the Normal (Gaussian) distribution. Introduction to interval estimation (confidence intervals) and the basic concepts.

Courses: SC01
Contact hours: 4 per week Credit points: 12
Incompatible with: MAB100
Campus: GP Semester: 2
► MAB111 MATHEMATICAL SCIENCES 1B
Limits and continuity. Introduction to sequences and infinite series; comparison test and ratio test. Product, quotient and chain rules for derivatives. Special techniques - parametric, implicit and logarithmic differentiation; inverses of functions; applications of differentiation to curve sketching. Rolle's theorem; mean value theorem. Hyperbolic and trigonometric functions; inverse trigonometric functions. L'Hopital's rule. Functions of more than one variable, partial derivatives, differentials and applications. Taylor series. Riemann series; Fundamental theorems of integral calculus. Solids of revolution; applications.

Courses: BS56, ED50, ED90, IF21, IF39, IF58, IF60, IF61, IF71, IF73, IF79, IF84, IF86, IX02, IX04, IX09, IX14, MA54, MA65, MA75, MA85, SC01, SC20, SC51
Prerequisites: MAB100
Corequisites: MAB111
Contact hours: 4 per week Credit points: 12
Incompatible with: MAB110
Campus: GP Semester: 1, 2, 3

► MAB112 MATHEMATICAL SCIENCES 1C
Linear systems and matrices, vector algebra, coordinate systems; introduction to abstract algebraic systems; complex numbers; first and second order differential equations.

Courses: BS56, ED50, ED90, IF21, IF39, IF58, IF60, IF71, IF34, IF86, IX02, IX04, IX09, IX14, MA54, MA65, MA75, MA85, SC01, SC20, SC51
Prerequisites: MAB100
Corequisites: MAB111
Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 1, 2

► MAB131 ENGINEERING MATHEMATICS 1A
Sine and cosine functions, logarithmic functions, exponential functions; revision of complex numbers; determinants; vector algebra in 2 and 3 dimensions; estimating and tests of hypotheses about proportions and probabilities.

Courses: CE44, CE45, CE46, EE41, EE42, EE46, EE47, EE48, IF28, IF29, IF59, IF61, ME40, ME41, ME42, ME43, ME48, SC01
Prerequisites: MAB100
Corequisites: MAB111
Contact hours: 4 per week Credit points: 12
Incompatible with: MAB110, MAB111, MAB137
Campus: GP Semester: 1, 2

► MAB132 ENGINEERING MATHEMATICS 1B
Vector calculus: gradient, divergence, velocity and acceleration; relative velocity; vector algebra: equivalent systems of forces; functions of several variables: partial derivatives; hyperbolic functions; inverse functions; trigno- metric and hyperbolic functions; partial derivatives; numerical methods; differential equations; multiple integrals; volume and volumes. Laplace transforms. Fourier series.

Courses: CE44, CE45, CE46, EE41, EE42, EE46, EE47, EE48, IF28, IF29, IF59, IF61, ME40, ME41, ME42, ME43, ME48, SC01
Prerequisites: MAB131 or MAB180
Contact hours: 4 per week Credit points: 12
Incompatible with: MAB188
Campus: GP Semester: 1, 2, 3

► MAB133 ENGINEERING MATHEMATICS 1C
Polynomial approximations, divided differences and Newton’s formula for polynomial approxi- mation; Taylor’s expansions; applications of iteration and acceleration of convergence techniques. Direct and indirect methods of solution of large scale systems of linear equations. Determination of eigenvalues and eigenvectors of large scale linear systems (power method, inverse iteration and acceleration of convergence techniques).

Courses: ME41, ME42, ME43, ME48
Prerequisites: MAB132
Corequisites: MAB133 or MAB180
Contact hours: 4 per week Credit points: 12
Incompatible with: MAB487, MAB488
Campus: GP Semester: 1

► MAB134 ELECTRICAL ENGINEERING MATHEMATICS 3
Mathematics: Laplace transform; Fourier series and transforms; vector operators grad, div and curl expressed in spherical polar and Cartesian coordinates; electric fields; magnetic fields; electric circuits, force and field strength; magnetic hysteresis; electromagnetic induction; electromagnetic theory; flux density, electromagnetic induction; magnetic circuits, force and field strength; magnetic hysteresis; electromagnetic induction; application to electricity, generation of electric fields; divergency theorem and Stoke’s theorem; field equations. Introduction to probability and statistical modelling: conditional probability; discrete and continuous random variables; Bernoulli, binomial and Poisson processes; introduction to queues and teletraffic; estimating probabilities. Electromagnetic theory: Complex numbers: Argand diagrams, complex arithmetic, solution of equations; using regression; extensions of regression; analysis of covariance; confidence intervals; estimating and tests of hypotheses about proportions and probabilities.

Courses: EE41, EE42, EE47, EE48, IF28, IF29, IF59, IF61, ME40, SC01
Prerequisites: MAB132 or MAB311
Corequisites: PUCB136 or first level Physics unit
Contact hours: 4 per week Credit points: 12
Incompatible with: MAB139, MAB311, MAB210
Campus: GP Semester: 1

► MAB135 ELECTRICAL ENGINEERING MATHEMATICS 4
Statistics and data analysis: presenting data, use of a statistical package; normal variation and relationships between variables; confidence intervals; hypothesis testing; regression; design of experiments; introduction to reliability. Mathematics: the simultaneous partial differential equations of Maxwell; solution in terms of Hertz vectors; the three dimensional wave equation; separation of variables leading to plane and spherical wave solution. Poynting’s theorem and vector. Simple loci and regions in the complex plane. Functions of a complex variable. Analytic functions; Cauchy-Riemann equations; Laplace equation, conjugate harmonic functions. Complex mapping; impedance and admittance loci, bode for Smith chart. Determinants and matrices.

Courses: EE41, EE42, EE47, EE48, IF28, IF29, ME40
Prerequisites: MAB134 or MAB311
Contact hours: 4 per week Credit points: 12
Incompatible with: Prior pass in MAB413, MAB417
Campus: GP Semester: 2

► MAB136 ENGINEERING STATISTICS
Presentation of data; use of a statistical package; modelling data; relationships between variables; estimation; confidence intervals; tolerance limits; introduction to quality and SPC; hypothesis testing; fitting and investigating relationships; regression; design and analysis of experiments; reliability; further methods and applications of design and analysis of experiments.

Courses: ME41, ME42, ME45, ME48
Prerequisites: MAB132
Contact hours: 12
Incompatible with: MAB101, MAB893, prior pass in MAB135
Campus: GP Semester: 2

► MAB137 SURVEYING MATHEMATICS 1
Surveying calculations; introduction of data; use of a statistical package; modelling data; relationships between variables; estimation; confidence intervals; hypothesis testing; fitting and investigating relationships; regression; design and analysis of experiments; reliability; further methods and applications of design and analysis of experiments; rotations, translation and scaling of the
UNIT SYNOPTES

MAB138 ENGINEERING STATISTICS AND NUMERICAL METHODS

Presentation of data; use of a statistical package; measurement of relationships between variables; estimation; confidence intervals; hypothesis testing; fitting and investigating relationships; regression; design of experiments; introduction to real data; introduction to quality and SPC. Numerical methods: function approximation; polynomial interpolation; cubic splines; power series. Numerical solution of ordinary differential equations. Linear systems.

Courses: CE44, CE45, CE46
Prerequisites: MAB132
Contact hours: 4 per week Credit points: 12
Incompatible with: MAB893, MAB101, MAB135
Campus: GP Semester: 1

MAB139 COMPUTER ENGINEERING MATHEMATICS 3

Simpson’s rule, Newton-Raphson method, eigenvalue and eigenvector problems; quadratic and cubic splines; complex matrices; Complex numbers, functions of complex variables, Cauchy-Reimann equations, conformal mappings; Fourier series, Fourier transforms, Laplace transforms, Heaviside step function, Dirac delta function, convolution theorem; Probability axioms, system reliability; Markov chains, discrete and continuous distributions, Poisson processes, queuing and teletraffic models, Bivariate models, introduction to transformations of random variables and links with signals.

Courses: EE41, EE46
Prerequisites: MAB132 or equivalent
Contact hours: 4 per week Credit points: 12
Incompatible with: MAB134, MAB485
Campus: GP Semester: 1

MAB140 QUANTITATIVE METHODS FOR OPTOMETRY AND HEALTH SCIENCE

Linear, quadratic, power law and exponential processes; techniques of differentiation, integration and applications to health science modelling; matrices. Data situations and types of variables; summary statistics and data features; introduction to a statistical package. Modelling data: random variables and distributions; some special distributions; sampling and sample statistics. Estimation; confidence intervals and hypothesis testing; tests for means and proportions; p-values; tests for variances; test of independence in contingency table; goodness of fit tests. Fitting and investigating relationships: regression; residual analysis and diagnostics; multiple regression and curve-fitting. Design of experiments. Introduction to non-parametric procedures.

Courses: OP42
Contact hours: 4 per week Credit points: 12
Incompatible with: MAB141, MAB251, MAB252, MAB258
Campus: GP Semester: 1

MAB141 MATHEMATICS AND STATISTICS FOR MEDICAL SCIENCE

Mathematics: types of functions; differentiation and integration; determination of an intercept for a discrete experimental data; Lagrange polynomial interpolation formula and cubic spline interpolation; applications; least squares applied to linear and non-linear functions; use of quadrature formulae and iterative methods; numerical interpolation. Statistics: data collection and presentation; probability; binomial and Poisson distributions; correlation; contingency tables; design of experiments; regression; control charts.

Courses: LS37
Contact hours: 4 per week Credit points: 12
Incompatible with: MAB140
Campus: GP Semester: 1

MAB180 ENGINEERING MATHEMATICS 1

Sine and cosine functions, logarithmic functions, exponential functions; complex numbers; determinants; vector algebra in 2 and 3 dimensions; derivatives and their applications; differentiation: chain rule, higher derivatives; integrals and their applications.

Courses: CE44, CE45, CE46, EE41, EE42, EE46, EE47, EE48, IF28, IF29, IF59, IF61, ME40, ME41, ME42, ME43, ME48, SC01
Prerequisites: MAB131
Contact hours: 3 per week Credit points: 12
Incompatible with: MAB111, MAB131, MAB187
Campus: GP Semester: 1, 2

MAB209 MATHEMATICS FOR SOFTWARE COMMUNICATION

Introductory probability and its applications; Sets and functions; Discrete/continuous random variables and probability distributions; Measures of central tendency and spread; Introduction to matrices and matrix arithmetic; Applications of matrices. Stochastic processes; Introduction to queuing theory; Euclidean algorithm, congruences and hashing; Euler’s function and the RSA algorithm; Error correcting codes; Applications of Boolean functions.

Courses: IT21
Contact hours: 3 per week Credit points: 12
Incompatible with: MAB177, MAB210
Campus: GP, CA Semester: 1, 2

MAB210 STATISTICAL MODELLING 1

Probability; independence, system reliability; using computer simulation in modelling; introductory Markov chains; random variables; special distributional models; Bernoulli processes; Poisson process; exponential; introductory queuing processes; simulating processes; expected values and moments; distribution function; Q-Q plots; goodness-of-fit tests; measures of dependence; introductory bivariate and correlation properties; conditioning arguments; non-parametric tests; assumptions and results in linear regression model.

Courses: BS56, ED50, ED90, IF21, IF39, IF58, IF60, IF71, IF84, IF86, IT21, IO2X, IO14, MA54, MA65, MA75, MA85, ME40, SC01, SC20, SC51
Corequisites: MAB111, MAB112
Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 1, 2

MAB220 COMPUTATIONAL MATHEMATICS 1

Sources of error; computer arithmetic; MAPLE programming; Newton-Raphson method for root finding; one variable; solution of systems of linear equations; interpolation; finite differences; numerical differentiation; solution of first order linear differential equations.

Courses: ED50, ED90, IF21, IF39, IF58, IF60, IF71, IF84, IF86, IO2X, IO14, MA45, MA65, MA75, MA85, SC01, SC20, SC51
Corequisites: MAB100 or MAB131 or MAB180
Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 1, 2

MAB311 ADVANCED CALCULUS

Polar coordinates, parametric equations, conic sections, quadric surfaces, vector-valued functions. Fourier series. Functions of several variables: graphs, partial derivatives, total derivatives, extreme, Lagrange multipliers; Taylor series for multivariable functions; double and triple integrals, Green’s theorem, line and surface integrals, divergence theorem, Stokes’ theorem, applications.

Courses: ED50, ED90, IF21, IF39, IF58, IF60, IF71, IF84, IF86, IO2X, IO14, MA45, MA65, MA75, MA85, SC01, SC20, SC51
Prerequisites: MAB111, MAB112 or MAB131 or MAB180
Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 1

MAB312 LINEAR ALGEBRA

Matrix algebra, linear systems and an introduction to Maple; vector spaces; inner product spaces; eigenvalues and eigenvectors.

Courses: ED50, ED90, IF21, IF39, IF58, IF60, IF71, IF84, IF86, IO2X, IO14, MA45, MA65, MA75, MA85, SC01, SC20, SC51
Prerequisites: MAB111, MAB112 or MAB311 or MAB180, MAB312
Contact hours: 4 per week Credit points: 12
Incompatible with: MAB133
Campus: GP Semester: 2

MAB331 MATHEMATICS OF FINANCE

Interest rates; solution of problems in compound interest; applications of annuities; option pricing; securities; quantitative techniques in business and finance.

Courses: ED50, ED90, IF39, IF58, IF60, IF71, IF84, IF86, IO2X, IO14, MA45, MA65, MA75, MA85, SC01, SC20, SC51
Prerequisites: MAB100
Corequisites: MAB100
Contact hours: 4 per week Credit points: 12
Incompatible with: MAB173
Campus: GP Semester: 1

MAB334 STATISTICAL MODELLING 2

Methods and models of stochastic and statistical processes with applications in engineering, information technology, finance, physical and life sciences; Markov chains; random walks; branching processes; queuing and other birth and death processes; teletraffic; long-term process behaviour; simulation; use of generating functions; bivariate and conditional distributions; transformations; beta, gamma, normal and other distributions; applications in simulations; order statistics, minimum, maximum, range.

Courses: ED50, ED90, EE44, EE45, EE48, IF21, IF39, IF58, IF60, IF71, IF84, IF86, IT21, IO2X, IO14, MA45, MA65, MA75, MA85, ME40, SC01, SC20, SC51
Prerequisites: MAB101, MAB210, MAB111, MAB112 or MAB134, MAB135
Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 2

MAB351 OPERATIONS RESEARCH 2

General nature of operations research; formulating and solving linear programming models; transportation, trans-shipment and assignment models; shortest-route problems; project scheduling techniques (CPM and PERT); replacement and maintenance.

Courses: ED50, IF39, IF58, IF60, IF71, IF84, IF86, IO2X, IO14, MA45, MA54, MA65, MA75, MA85, SC01, SC20, SC51
Corequisites: MAB101, MAB210, MAB111, MAB112 or MAB134, MAB135
Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 2

MAB380 INTRODUCTION TO SUPERCOMPUTING

Mathematical concepts covered in this unit include: background, concepts and trends in supercomputing; Amdahl’s law, speed-up and efficiency; an introduction to high level scientific computing environments through the exploration of multidisciplinary case studies from science; introduction to MATLAB in a high performance scientific computing environment; solving computationally intensive case studies using supercomputing tools and techniques.

Courses: IF21, IF39, IF58, IF60, IF71, IF84, IF86, IT21, IO2X, IO14, MA45, MA65, MA75, MA85, SC01, SC20, SC51
Corequisites: MAB112, MAB130
Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 2

MAB413 DIFFERENTIAL EQUATIONS

Introduction to mathematical modelling; linear differential equations; Euler-Cauchy equation; series methods; Laplace transform; transforms of derivatives and integrals; systems of differential equations; basic theory; ED50 and ED51; solution of linear systems with constant coefficients; matrix methods; special methods.

Courses: IF21, IF39, IF58, IF60, IF71, IF84, IF86, IO2X, IO14, MA45, MA65, MA75, MA85, SC01, SC20, SC51
Corequisites: MAB112, MAB130
Contact hours: 4 per week Credit points: 12
Incompatible with: MAB133
Campus: GP Semester: 2
UNIT SYNOPSIS

MAB414 APPLIED STATISTICS 2
Parametric estimation, such as maximum likelihood estimators; applications to regression and linear models; analysis of the method of least squares; basic inference and model choice; introduction to time-dependent data and models; forecasting models and application; introduction to sampling methods in a practical context; models for categorical data; introduction to the design experiments; ANOVA.

Courses: ED50, EE44, E15S, EE45, IF21, IF28, IF39, IF50, IF56, IF59, IF60, IF71, IF84, IF86, IF90, MA54, MA65, MA75, MA85, ME40, SC01, SC20, SC51
Prerequisites: (MAB101, MAB111, MAB210 and recommended MAB12) or MAB13 or MAB137 or MAB138
Contact hours: 4 per week Credit points: 12 Semester: 2

MAB420 COMPUTATIONAL MATHEMATICS 2
Direct methods for solving systems of linear equations; solution methods for special matrix systems; vector and matrix norms; iterative solution methods for large sparse matrix systems; approximating the eigenvalues and eigenvectors of large matrices. Emphasis is on computational modelling and on the development of new mathematical methods.

Courses: IF21, IF39, IF50, IF58, IF60, IF71, IF84, IF86, IX02, IX14, MA54, MA65, MA75, MA85, MA85, SC01, SC20, SC51
Prerequisites: MAB220, MAB312, ITB111
Contact hours: 4 per week Credit points: 12 Semester: 2

MAB481 VISUALISATION AND DATA ANALYSIS
This unit covers; history and evolution of data visualisation; definition of data visualisation, its impact on data visualisation; fundamentals of computer graphics and modern day visualisation environments; visualisation of 2D and 3D data; general principles, including filtering, colour map transformations, contouring, height fields, colourised height fields, interpolation, image and/or shape interpolation, error surfaces, volume visualisation, probing, slicing, streamlines, streamlines and texture mapping; visualisation of multi-dimensional data, and other data types such as finite element, vector, molecular and scattering data.

Courses: IF58, IF71, IF82, MA54, MA65, MA75, MA85, SC01, SC20, SC51
Prerequisites: MAB101, MAB111, ITB111 or ITB410 or ITN600, MAB12 recommended
Contact hours: 4 per week Credit points: 12 Semester: 2

MAB521 APPLIED MATHEMATICS 3

Courses: IF21, IF39, IF50, IF58, IF60, IF71, IF84, IF86, IX02, IX14, MA54, MA65, MA75, MA85, SC01, SC20, SC51
Prerequisites: MAB311
Contact hours: 4 per week Credit points: 12 Semester: 2

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, deepest 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, IF50, IF58, IF60, IF71, IF84, IF86, IX02, IX14, MA54, MA65, MA85, SC01, SC20, SC51
Prerequisites: MAB311
Contact hours: 4 per week Credit points: 12 Semester: 2

MAB523 INTRODUCTION TO QUALITY MANAGEMENT
Fundamentals 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: IF21, IF39, IF44, IF50, IF58, IF60, IF71, IF84, IF86, IX02, IX14, MA54, MA65, MA75, MA85, SC01, SC20, SC51
Prerequisites: MAB101, MAB21
Contact hours: 4 per week Credit points: 12 Semester: 2

MAB524 STATISTICAL INFERENCE
Statistical estimation; linear models: ordinary least squares, generalised least squares, heteroscedasticity, auto-correlation; asymptotic theory: convergence in probability and distribution, weak law of large numbers, central limit theorem, maximum likelihood estimation; generalised linear models; quasi-likelihood estimation. Other topics which may be included are: multilocalarity, model selection, Bayesian estimation and Markov Chain Monte Carlo methods; nonlinear models. The computer package S-Plus is used.

Courses: IF21, IF39, IF44, IF50, IF58, IF60, IF71, IF84, IF86, MA54, MA65, MA75, MA85, SC01, SC20, SC51, SC60
Prerequisites: MAB314, MAB414
Contact hours: 4 per week Credit points: 12 Semester: 2

MAB525 OPERATIONS RESEARCH 3A
Inventory theory: algorithms for linear programming; integer programming; travelling salesperson; vehicle routing problems; deterministic and stochastic dynamic programming.

Courses: IF39, IF50, IF58, IF60, IF71, IF84, IF86, IX02, IX14, MA54, MA65, MA75, MA85, SC01, SC20, SC51, SC60
Prerequisites: MAB315
Contact hours: 4 per week Credit points: 12 Semester: 2

MAB526 STATISTICAL SCIENCE 3
Fundamentals of time series analysis; time series models; nonstationary processes; seasonal ARIMA models; vector auto regression; long range dependence and fractional ARIMA models; co-integration of nonstationary processes.

Courses: IF21, IF39, IF44, IF49, IF50, IF58, IF60, IF71, IF84, IF86, MA54, MA65, MA75, MA85, SC01, SC20, SC51, SC60
Prerequisites: MAB314, MAB414
Contact hours: 4 per week Credit points: 12 Semester: 2

MAB580 SCIENTIFIC COMPUTATION
Supercomputing development tools such as compiler options for parallel processing, available resources; parallel algorithms to determine where speed-up can be obtained; optimisation of scientific models and algorithms for parallel computer architectures; a major case study from computer science to explore issues in design, application and solution strategy in a supercomputing environment.

Courses: IF85, IF21, MA54, MA65, MA75, MA85, SC01, SC20, SC51, SC60
Prerequisites: MAB380, MAB481
Contact hours: 4 per week Credit points: 12 Semester: 1

MAB613 PARTIAL DIFFERENTIAL EQUATIONS
Derivation of certain partial differential equations; solution of partial differential equations by separation of variables; Laplace and Fourier transforms; Sturm-Liouville systems; special functions: Green’s functions.

Courses: IF21, IF39, IF44, IF50, IF58, IF60, IF65, MA65, MA75, MA85, SC01, SC20, SC51, SC60
Prerequisites: MAB311, MAB413
Contact hours: 4 per week Credit points: 12 Semester: 2

MAB621 DISCRETE MATHEMATICS
Groups, rings and fields: additive groups, multiplicative groups; polynomial rings and finite fields. Modular arithmetic: property and rules, congruencies; countability and uncountability. Proof by mathematical induction, proof by contradiction, and homomorphisms between groups and rings. Sets and relations: one-to-one and onto functions, logic, set operations; Boolean algebra. Number theory issues: gcd, lcm and theorems involving these; fundamental theorem of arithmetic; arithmetic functions, prime number theorems; Pell’s equation; Pythagorean triples and extensions.

Courses: ED50, IF21, IF39, IF44, IF50, IF58, IF60, IF71, IF86, IF86, IX02, IX14, MA54, MA65, MA75, MA85, SC01, SC20, SC51
Prerequisites: MAB112
Contact hours: 4 per week Credit points: 12 Semester: 2

MAB623 FINANCIAL MATHEMATICS
Quantitative techniques in business, economics and finance; theory and structure of interest rates: continuous accumulation and discounting functions, force of interest, discounting, varying interest, general annuities, varying annuities, continuous varying annuities; mathematical analysis of financial transactions in money and capital markets - yield rates, horizon analysis, duration, convexity, effects of taxation; life annuities and life assurances - the life table, basic life table functions, life annuities and assurances, policy values, paid up policy values, changes to policies; use of life table to study stationary and stable populations, population projections; multiple decrement tables; superannuation.

Courses: IF39, IF50, IF58, IF60, IF71, IF86, IF86, IX02, IX14, MA54, MA65, MA75, MA85, SC01, SC20, SC51
Prerequisites: MAB313
Contact hours: 4 per week Credit points: 12 Semester: 2

MAB624 APPLIED STATISTICS 3

Courses: IF21, IF39, IF44, IF50, IF58, IF60, IF71, IF86, IF86, MA54, MA65, MA75, MA85, SC01, SC20, SC51
Prerequisites: MAB414
Contact hours: 4 per week Credit points: 12 Semester: 2

MAB625 OPERATIONS RESEARCH 3B
Phases of an operations research study: decision analysis; queuing theory; simulation; implementation in operations research; linear programming; heuristic techniques.

Courses: IF39, IF50, IF58, IF60, IF86, MA54, MA65, MA75, MA85, SC01, SC20, SC51
Prerequisites: MAB315
Contact hours: 4 per week Credit points: 12 Semester: 2

MAB640 INDUSTRY PROJECT
The student usually works in industry for a short period full-time, followed by part-time. The student is assisted to develop a suitable plan to
manage the project using a Gantt chart or other flow or layout techniques. Students are expected to research courses: MAB65, MAB75, SC60, SC71, SC80, IF49
Prerequisites: MAB526, MAB524 recommended.
Contact hours: 3 per week. Credit points: 12
Incompatible with: MAB766
Campus: GP Semester: 2

► MAN768 ADVANCED TECHNIQUES IN OPERATIONS RESEARCH
Nature of operations research; inventory systems modelling, including lot-size problems, recent developments in inventory theory, material requirement planning, just-in-time production; production planning and scheduling, including static and dynamic methods, aggregate planning, LP/LDSD/SD techniques, heuristics; operations scheduling, including sequencing and balancing techniques, job shop scheduling, assembly line balancing; networks, including project management, network scheduling, resources allocation, NP-completeness.
Courses: MA65, MA75, MA85, SC60, SC71, SC80, IF49
Prerequisites: MAB625
Contact hours: 3 per week. Credit points: 12
Incompatible with: MAB768
Campus: GP Semester: 1

► MAN769 MATHEMATICS OF FINANCE
Stochastic market theory, invention theory; Black-Scholes analysis; Brownian motion and martingales; Markov processes; Itô stochastic integrals and stochastic calculus; Black-Scholes market model; option valuation formula; numerical solution of market models.
Courses: MA65, MA75, MA85, SC60, SC71, SC80, IF49
Prerequisites: MAB413, MAB623 recommended.
Contact hours: 3 per week. Credit points: 12
Incompatible with: MAB769
Campus: GP Semester: 1

► MAN771 COMPUTATIONAL MODELS IN MATHEMATICS 4
A discussion of the conservation equations that describe fluid motion. Explicit and Implicit Finite Difference Solution Methods for the one-dimensional Generalised Diffusion Equation. Introduction to the Finite Volume Method with application to the one-dimensional Diffusion Equation. Treating advection/convection, Monotonicity arguments, stability, TVD schemes, upstream averaging, and a brief discussion of flux limiting. Extensions of the Finite Volume Method to higher dimensions on both structured and unstructured grids.
Courses: MA65, MA75, MA85, SC60, SC71, SC80
Prerequisites: MAB522, MAB613
Contact hours: 3 per week. Credit points: 12
Incompatible with: MAB771
Campus: GP Semester: 2

► MAN774 PERTURBATION METHODS
Regular and singular perturbation expansions; asymptotic expansions, strained coordinates; boundary layer analysis and matched asymptotic expansions; selected examples from industrial applications and mathematics applied in medicine and biology.
Courses: IF49, MA65, MA75, MA85, SC60, SC71, SC80
Prerequisites: MAB413, MAB521
Contact hours: 3 per week. Credit points: 12
Incompatible with: MAB776
Campus: GP Semester: 1

► MAN775 STATISTICAL INference WITH FINANCIAL APPLICATIONS
Statistical inference in actuarial contexts, including short term risk models, collective risk models over an extended period, stopping times and ruin adjustment coefficients and reinsurancem project time. Modelling through quantiles, applications in simulation studies, modelling and analysis.
Courses: IF49, MA65, MA75, MA85, SC60, SC71, SC80
UNIT SYNOPSIS

Prerequisites: MABS24
Contact hours: 3 per week  Credit points: 12
Campus: GP  Semester: 1

MAN778 APPLICATIONS OF DISCRETE MATHEMATICS
Course: Graph Theory: Introduction; graph isomorphisms, Euler trails and circuits; planar graphs; Hamiltonian paths and cycles; graph colouring with applications to electrical networks, coding theory, operations research, computer program- ming and chemistry. Abstract Algebra: Advanced concepts of groups, rings and fields will be intro- duced. Applications that highlight the solvability by radicals of polynomial equations, ruler and compass constructions eg squaring the circle, etc will be described.

Courses: IF49, MA65, MA75, MA85, SC60, SC71, SC80
Prerequisites: MABS621
Contact hours: 3 per week  Credit points: 12
Campus: GP  Semester: 1

MAN787-1 PROJECT
Project and thesis component of Honours course (SC60).
Courses: SC60  Credit points: 12  Semester: 1, 2

MAN787-3 PROJECT
Project and thesis component of Honours course (SC60).
Courses: SC60  Credit points: 36  Semester: 1, 2, 3

MAN787-2 PROJECT
Project and thesis component of Honours course (SC60).
Courses: SC60  Credit points: 12  Semester: 1, 2, 3

MDB001 INTEGRATED FOUNDATIONS STUDIES 2: SCIENTIFIC AND QUANTITATIVE LITERACY
In this unit the concept that Mathematics and Science play crucial roles in the functioning of modern society through their contribution to our under- standing of our physical, social and personal worlds, and their usefulness in solving problems a wide range of problems. As students engage with the content of the unit, for example, number, time, astronomy, navigation, measurement, ge- ometry, probability, they will recognise that each is a discipline with a language and methods of thinking that have evolved in historical and social contexts. Knowledge of both areas is important for people to be critically reflective thinkers and active participants in society, and for their life long learning.

Courses: ED91, ED43, ED47, ED51, ED52, IX04
Credit points: 12  Incompatible with: MDB386, MDB387
Campus: KG

MDB002 PRIMARY CURRICULUM AND PEDAGOGIES: MATHEMATICS I
Mathematics is an essential key learning area of the primary school curriculum. Mathematics is closely linked to numeracy, but it extends beyond the day-to-day demands of society. Mathematics underpins and assists in the growth of technology and the social and technological environments. Mathematics is increasingly being seen as an essential part of education. This form of literacy involves the application of numeracy, mathematical thinking and understanding in a range of contexts. In addition, new, net- worked technologies have brought about the potential for expanding learning opportunities. These necessitate the re-examination of effective learning and teaching strategies. The role of the learner, the role of the teacher, creating worth- while partnerships and the use of ICT within the learning situation will be explored.

Courses: ED91, ED56, ED82, ED47, IF84
Contact hours: 3 per week  Credit points: 12  Incompatible with: MDB383

MDB006 PRIMARY CURRICULUM & PEDAGOGIES: SCIENCE
Becoming scientifically literate involves the ability to participate within a complex social environment. The knowledge and dispositions to question systematically their natural environment. In the prerequisite unit about Mathematics and Science Foundations a grounding in some basic concept areas that help to explain children’s everyday experiences of the natural world and an understanding of the nature of science was explored. In this unit the opportu- nity is presented for you to develop exciting and innovative science programs at all levels of the primary school with a focus on developing scientific skills and abilities to retrieve and explore new scientific knowledge.

Courses: ED91, ED47
Contact hours: 3 per week  Credit points: 12  Incompatible with: MDB384

MDB009 BIOLOGY CURRICULUM STUDIES I
As a preservice teacher you need to be introduced to the theoretical and practical knowledge and skills required by an effective practitioner in the complex social and technological environment of the classroom. Effective practitioners require a knowledge and understanding of factors that impact on the learning environment and how these can be managed. These understandings and skills are gained over time and through experience and practice. In this first curriculum unit you will engage with some of the theory that influences approaches to teaching in the sciences and with the syllabi and other documents that impact significantly on planning for learning and teaching. You are provided with opportunities to explore ways of putting the theory into practice.

Courses: ED90, ED95, ED55, IX02, IX04
Prerequisites: 24 credit points in appropriate discipline studies
Contact hours: 3 per week  Credit points: 12

MDB012 CHEMISTRY CURRICULUM STUDIES I
Effective practitioners require a knowledge and understanding of factors that impact on the learning environment and how these can be managed. These understandings and skills are gained over time and through experience and practice. In this first curriculum unit you will engage with some of the theory that influences approaches to teaching in the sciences and with the syllabi and other documents that impact significantly on planning for learning and teaching. You are provided with opportunities to explore ways of putting the theory into practice.

Courses: ED90, ED95, ED55, IX02
Prerequisites: 24 credit points in appropriate discipline studies
Contact hours: 3 per week  Credit points: 12

MDB018 EARTH SCIENCE CURRICULUM STUDIES I
As a preservice teacher you need to be introduced to the theoretical and practical knowledge and skills required by an effective practitioner in the complex social and technological environment of the classroom. They need both theoretical and practical experi- ence of teaching strategies and how they can be used to enhance learning for the diversity of learners found in any classroom. In this first curriculum unit you will engage with some of the theory that influences approaches to teaching in the sciences and with the syllabi and other documents that impact significantly on planning for learning and teaching. You are provided with opportunities to explore ways of putting the theory into practice.

Courses: ED90, ED95, ED55, IX02
Prerequisites: 24 credit points in appropriate discipline studies
Contact hours: 3 per week  Credit points: 12

MDB021 MATHEMATICS CURRICULUM STUDIES I
Teachers of middle and secondary school mathematics need a range of understandings and skills to be effective practitioners in the complex social and technological environment of the classroom. This unit introduces you to the teaching and learning of mathematics at the secondary school level. It begins development of knowledge, and understanding of the secondary mathematics curriculum and curriculum development skills. The unit is an important component of prepara- tion for Field Studies I.

Courses: ED90, ED95, ED55, ED92, ED82IX02, IX04, IX09
Prerequisites: 24 credit points in appropriate discipline studies
Contact hours: 3 per week  Credit points: 12

MDB024 PHYSICS CURRICULUM STUDIES I
Effective practitioners require a knowledge and understanding of factors that impact on the learning environment and how these can be managed. These understandings and skills are gained over time and through experience and practice. In this first curriculum unit you will engage with some of the theory that influences approaches to teaching in the sciences and with the syllabi and other documents that impact significantly on planning for learning and teaching. You are provided with opportunities to explore ways of putting the theory into practice.

Courses: ED90, ED95, ED55, IX02
Prerequisites: 24 credit points in appropriate discipline studies
Contact hours: 3 per week  Credit points: 12

MDB027 SCIENCE CURRICULUM STUDIES I
Students will be introduced to the theoretical and practical knowledge and skills required by an effective practitioner in the complex social envi- ronment of the classroom. A theoretical under- standing of factors that impact on learning in science and practical experience of how these influence planning for learning will be addressed together with teaching strategies and how they can be used to enhance learning for the diversity of learners found in any classroom. In this first curriculum unit students will engage with some of the theory that influences approaches to teaching in the sciences and with the syllabi and other documents that impact significantly on planning for learning and teaching.

Courses: ED90, IX02, IX09, ED55
Prerequisites: 24 credit points in appropriate discipline studies
Contact hours: 3 per week  Credit points: 12

MDB030 UNDERSTANDING AND EDUCATING GIFTED LEARNERS
This elective addresses the education of gifted learners by exploring the appropriate curricular interventions necessary to meet their specific needs. Some 10-15% of students are identified as gifted and require special curricular interven- tions to ensure that the curriculum offers the appropriate challenge to develop their potential
and to avoid boredom, frustration or under-
achievement. In order to establish appropriate curricular frameworks, technical approaches an un-
derstanding of the nature of giftedness is also necessary.

Courses: ED90, ED91, ED92, ED82, IX01-09
Contact hours: 3 per week Credit points: 12

► MDB300 TEACHING IN THE
INFORMATION AGE
The impact of information technology on educa-
tion; the concept of an information society; the way in which what is defined as knowledge is contested and changed by information technol-
y; strategies for learning and teaching using information technology. Practical skills using computer hardware and software communication technology available to educational multimedia are developed with a view to appropriate implementation within the curriculum.
Courses: ED43, ED50, ED52, ED54, ED55, IF70-79
Prerequisites: 48 credit points of Education Studies including CLB341
Contact hours: 3 per week Credit points: 12
Incompatible with: MDB383, MDB385

► MDB320 DATABASE THEORY AND
TECHNIQUES
Prerequisites: MDB320 Physical models of information systems; characteristics; use of structured query language to query existing curriculum databases and their relationship to one another, the sociopolitical im-
lications of the utilisation of public and private data-
bases.
Courses: ED50
Contact hours: 3 per week Credit points: 12

► MDB321 INFORMATION SYSTEM
MODELLING IN EDUCATIONAL
CONTEXTS
Courses: MDB321 Modelling of information systems; relational systems; fact oriented approaches; conceptual schema design.
Contact hours: 3 per week Credit points: 12

► 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 abstrac-
tion; design of abstracted views of real world information processing or problem-solving situa-
tions; capabilities and limitations of conven-
tional, sequential processing machine architec-
ture.
Courses: ED50
Contact hours: 3 per week Credit points: 12

► MDB323 PROGRAMMING LANGUAGES
SOFTWARE FOR EDUCATIONAL
CONTEXTS
Examine further software developments; tech-
niques of program development; top-down de-
sign and modularity; computer programming using appropriate languages.
Courses: ED50 Prerequisites: MDB345
Contact hours: 3 per week Credit points: 12

► MDB325 BIOLOGY CURRICULUM
STUDIES 1
The nature of the curriculum area/discipline and its role and contribution as a medium for educa-
tion; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experi-
ences in selected curriculum areas.
Courses: ED50, ED54, ED55, IF71
Prerequisites: Completion of 48 credit points in each relevant discipline area
Contact hours: 3 per week Credit points: 12

► MDB327 CHEMISTRY CURRICULUM
STUDIES 1
The nature of the curriculum area/discipline and its role and contribution as a medium for educa-
tion; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experi-
ences in selected curriculum areas.
Courses: ED50, ED54, ED55, IF71
Prerequisites: Completion of 48 credit points in each relevant discipline area
Contact hours: 3 per week Credit points: 12

► MDB328 CHEMISTRY CURRICULUM
STUDIES 2
Courses: ED50, ED54, ED55, IF71
Prerequisites: MDB327
Contact hours: 3 per week Credit points: 12

► MDB329 COMPUTING CURRICULUM
STUDIES 1
The nature of the curriculum area/discipline and its role and contribution as a medium for educa-
tion; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experi-
ences in selected curriculum areas.
Courses: ED50, ED54, ED55, IF79
Prerequisites: Normally the completion of 48 credit points in each relevant discipline area
Contact hours: 3 per week Credit points: 12

► MDB330 COMPUTING CURRICULUM
STUDIES 2
Courses: ED50, ED54, ED55, IF79
Prerequisites: MDB329
Contact hours: 3 per week Credit points: 12

► MDB331 EARTH SCIENCE
CURRICULUM STUDIES 1
The nature of the curriculum area/discipline and its role and contribution as a medium for educa-
tion; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experi-
ences in selected curriculum areas.
Courses: ED50, ED54, ED55, IF71
Prerequisites: Completion of 48 credit points in each relevant discipline area
Contact hours: 3 per week Credit points: 12

► MDB332 EARTH SCIENCE
CURRICULUM STUDIES 2
Courses: ED50, ED54, ED55, IF71
Prerequisites: MDB331
Contact hours: 3 per week Credit points: 12

► MDB333 MATHEMATICS
CURRICULUM STUDIES 1
The nature of the curriculum area/discipline and its role and contribution as a medium for educa-
tion; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experi-
ences in selected curriculum areas.
Courses: ED26, ED50, ED54, ED55, IF71, IF73, IF79
Prerequisites: Completion of 48 credit points in each relevant discipline area
Contact hours: 3 per week Credit points: 12

► MDB334 MATHEMATICS
CURRICULUM STUDIES 2: SENIOR
MATHEMATICS
Courses: ED26, ED50, ED54, ED55, IF71, IF73, IF79
Prerequisites: MDB333
Contact hours: 3 per week Credit points: 12

► MDB335 PHYSICS CURRICULUM
STUDIES 1
The nature of the curriculum area/discipline and its role and contribution as a medium for educa-
tion; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experi-
ences in selected curriculum areas.
Courses: ED50, ED54, ED55, IF71
Prerequisites: Completion of 48 credit points in each relevant discipline area
Contact hours: 3 per week Credit points: 12

► MDB336 PHYSICS CURRICULUM
STUDIES 2
Courses: ED50, ED54, ED55, IF71
Prerequisites: MDB335
Contact hours: 3 per week Credit points: 12

► MDB337 SCIENCE CURRICULUM
STUDIES 1
The nature of the curriculum area/discipline and its role and contribution as a medium for educa-
tion; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experi-
ences in selected curriculum areas.
Courses: ED50, ED54, ED55, IF71, IF79
Prerequisites: MDB337
Contact hours: 3 per week Credit points: 12

► MDB345 SOFTWARE DEVELOPMENT
FOR EDUCATIONAL CONTEXTS
Algorithmic thinking and its implementation form a major component within the Information Processing and Technology stream now imple-
mented in secondary schools. Prospective teach-
ers of courses such as these require a sound founda-
tion in the design and development of software along with the use of modern abstract procedu-
ral, data and object handling representa-
tions. 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 stu-
dents concerned and because there is a clear demand for such software. Students in this unit will employ a range of powerful programming techniques and structures in the development of educational computer software.
Courses: ED50
Prerequisites: MDB325
Contact hours: 3 per week Credit points: 12

► MDB346 EXCURSIONS IN NUMBER
STUDIES
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 materi-
als for the classroom.
Courses: ED51, ED52, ED47, ED91, ED82
Prerequisites: MDB386
Contact hours: 3 per week Credit points: 12
**UNIT SYNOPSES**

**MDB349 MATHEMATICAL REASONING**

The development of thinking and intelligence; the nature of mathematical thinking during the first half of this century; modern ideas on the nature of thinking: the thinking skills and movement programs designed to foster thinking; analysis of children's thinking in solving mathematical problems; an analysis of students' 'everyday cognition' together with their thinking in mathematical situations.

**Prerequisites:**

Courses: ED51, ED52, ED54

**Corequisites:**

MDB386

**Contact hours:**

3 per week

**Credit points:**

12

**MDB374 MATHEMATICS CURRICULUM 2**

A reconsideration of: spatial reasoning (concepts, models, constructions, and reasoning processes); chance and data (concepts, procedures, and reasoning processes); space (geometrical structure, critical 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

**Corequisites:**

MDB386

**Contact hours:**

3 per week

**Credit points:**

12

**MDB375 COMPUTER TOOLS FOR EDUCATORS**

The use of writing and publishing software, graphics design software, computer managed learning development tools, numerical software tools, personal and project management tools, communications technologies and computer peripherals used in the production of computer generated materials.

**Courses:**

ED50, ED51

**Corequisites:**

MDB386

**Credit points:**

12

**MDB387 MULTIPLE PROJECT PLANNING AND IMPLEMENTATION FOR EDUCATIONAL PURPOSES**

The study of computing and its application in educational 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:**

ED51, ED52, ED91, ED82

**Prerequisites:**

MDB375 or MDB392

**Contact hours:**

3 per week

**Credit points:**

12

**MDB381 SCIENCE AND TECHNOLOGY IN THE HOMEUNITY AND WORKPLACE**

Development of an awareness of how science and technology pervade most aspects of our daily lives in communities and workplaces. The implications of a rapidly changing scientific and technological base of industry; increasing involvement of the public in national and international decision-making; the need for a scientifically literate society. Practical exercises and projects are also undertaken.

**Courses:**

ED50, ED54, ED55, IF70-79

**Contact hours:**

3 per week

**Credit points:**

12

**MDB384 SCIENCE EDUCATION**

Science curriculum development and implementation will examine the growth of children's understandings of key concepts in science. The development of their scientific thinking and methodology will also be investigated in conjunction with this. Extended sequences of learning experiences, or programs, will be prepared and implemented.

**Courses:**

ED26, ED51, ED56, IF82, IF84, ED47

**Contact hours:**

3 per week

**Credit points:**

12

**MDB388 GAMING AND CHANCE**

Discover the world of probabilistic mathematics, gaming, expectation and decision-making through games and activities that have application in mathematical learning.

**Prerequisites:**

Courses: ED52, ED51, ED47, ED91, ED82

**Contact hours:**

3 per week

**Credit points:**

12

**MDB389 LIFE AND LIVING PROCESS**

The interaction of organisms and their physical environment will be investigated, in particular, the human need for survival. 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.

**Prerequisites:**

Courses: ED52, ED51, ED47, ED91, ED82

**Contact hours:**

3 per week

**Credit points:**

12

**MDB398 NATURAL AND PROCESSED MATERIALS**

Continues the development of students' content knowledge in science by examining a range of scientific concepts that contribute to an understanding of science in a technological context. The focus will be on the exploitation of natural and processed materials and a consideration of the environmental costs and benefits associated with the use of those materials.

**Prerequisites:**

Courses: ED52, ED51, ED47, ED91, ED82

**Corequisites:**

MDB390

**Contact hours:**

3 per week

**Credit points:**

12

**MDB392 EDUCATIONAL COMPUTING ENVIRONMENTS**

An introduction to computer systems, including an understanding of computer systems and networks used in education. The focus will be on the technical management of personal and networked systems commonly found in schools. Students will use an appropriate educational programming language to apply their understandings of computer systems to a practical situation.

**Prerequisites:**

Courses: ED52, ED51, ED47, ED91, ED82

**Corequisites:**

MDB383

**Contact hours:**

3 per week

**Credit points:**

12

**MDB383 DEVELOPMENTAL KNOWLEDGE 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.

**Prerequisites:**

Courses: ED52, ED51, ED47, ED92, ED82

**Contact hours:**

3 per week

**Credit points:**

12

**MDB395 MARINE STUDIES CURRICULUM**

An understanding of interactions between humans and the marine environment are crucial if we are to maintain a viable ecosystem. We use the marine environment for both pleasure and for survival. As individuals we obtain food, leisure and relaxation from the sea, as a society we exploit its resources, use it for transport and deposit effluent in it. This unit explores in a theoretical and practical manner the effect of human activity on 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 manner the effect of human activity on the marine environment for both pleasure and for survival.

**Prerequisites:**

ED50, ED51, IF70-79

**Contact hours:**

3 per week

**Credit points:**

12

**MDB396 EXCURSIONS IN GEOMETRY**

The world is filled with geometry. Without geometry, or at least a pre-algebra, geometry 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 has always been alive and lives today in the world of fractals and graphic design. Participants will find many useful investigations and activities for their classroom.

**Prerequisites:**

Courses: ED51, ED52, ED47, ED91, ED82

**Contact hours:**

3 per week

**Credit points:**

12

**MDB397 MULTIMEDIA**

Understanding multimedia and multimedia systems. Application of multimedia in education and training. Multimedia authoring software. Designing creating multimedia applications for educational environments.

**Prerequisites:**

Courses: ED51, ED52, ED47, ED91, ED82

**Corequisites:**

MDB383 or MDB004

**Contact hours:**

3 per week

**Credit points:**

12

**MDB411 EARLY CHILDHOOD EDUCATION**

EDUCATION LEARNING AND ASSESSMENT

Theoretical background and research; logical sequence of mathematics and children's cognitive development; content and learning experiences for early childhood; integration and application.

**Courses:**

ED26, ED61, ED91, ED82

**Contact hours:**

3 per week

**Credit points:**

12

**MDB414 LEARNING ENVIRONMENTS USING INFORMATION TECHNOLOGY**

Students will explore the contribution that advanced information technologies can make to teaching and learning. Students will gain exposure to applications of technology such as multimedia materials and authoring software, the Internet, the World Wide Web, and CD-ROM based materials. They will be required to apply these to a variety of curricular settings.

**Courses:**

ED26, ED50, ED55, IF70-79

**Prerequisites:**

CLB341

**Contact hours:**

3 per week

**Credit points:**

12

**MDB429 INITIATIVES IN SCIENCE EDUCATION**

Students will have the opportunity to explore alternative practices in science education, particularly through the development of research-based project work for children, the extended excursion or field trip and involvement in community-sponsored and/or related science activities and events. An emphasis will be placed on catering for the individual and providing experiences which fully extend each child, including the exceptional child.

**Courses:**

ED26, ED51, ED61, ED47, ED91, ED82

**Contact hours:**

3 per week

**Credit points:**

12

**MDB440 COMPUTERS AND EDUCATION**

An overview of microcomputer hardware and software with an emphasis on the usefulness of various components in schools; use of educationally valuable application software; critical examination of a variety of uses of computers in education; the impact of computers on society and education in particular.

**Courses:**

ED26, ED53, ED93, ED83

**Contact hours:**

3 per week

**Credit points:**

12

**MDB449 INFORMATION TECHNOLOGIES TO SUPPORT EFFECTIVE LEARNING AND TEACHING**

A critical study of the factors which affect the construction of effective learning and teaching environments that are supported by information technology. Students will become skilled with the use of an integrated program, and create and evaluate a suite of teacher resources to support a teaching environment.

**Courses:**

ED51, ED47

**Contact hours:**

3 per week

**Credit points:**

12

**MDB450 PRIMARY MATHEMATICS CURRICULUM**

In the future, students will need to have an understanding of number, space, measurement, chance and data, geometry, algebra, problem-solving and problem-posing skills that allow them to deal successfully with complex systems. This unit, in
addition to addressing number, numeration, and number sense related to whole numbers, decimals and fractions. It also addresses measurement, mathematical reasoning, problem solving, and problem posing, spatial reasoning, and the role of learning and teaching will be incorporated within a study of these topics.

Courses: ED526, ED56, IF82, IF84

Contact hours: 4 per week  Credit points: 12

► MDB451 OPEN LEARNING AND FLEXIBLE DELIVERY

Deals with the concepts and research relating to open learning and distance learning as well as flexible and workplace-delivery using a range of communications and information technologies. Experience in the use of the technology and educational design, strategies and techniques is developed. (Students will need easy access to a computer and modem.)

Courses: ED54

Credit points: 12

Incompatible with: SPB032

Campus: KG, EXT

► MDB452 MATHEMATICS CURRICULUM STUDIES 2: JUNIOR AND VOCATIONAL MATHEMATICS

It is necessary for teachers to make independent judgements with respect to curriculum decisions taken by the state or federal government and system policies, as well as with regards to national and international trends in education and society. This unit extends the understandings and strategies developed in Curriculum Studies 1 and addresses number, numeration, and mathematical concepts and processes which underpin the primary and secondary mathematics curricula. The focus of the unit is on renewing and extending teachers’ personal mathematics knowledge and understanding in a way that will assist them in making informed and critical decisions in relation to their mathematics teaching. In new curricula, there is an increasing emphasis on connecting students’ mathematical experiences with the real world (contextual mathematics) and this trend is acknowledged in this unit.

Courses: ED26, ED59, ED55, ED55, ED61, ED61, ED61, IF70, IF70

Prerequisites: 2 units of tertiary mathematics or equivalent

Contact hours: 3 per week  Credit points: 12

Campus: KG, EXT

► MDB454 SCIENCE, TECHNOLOGY AND SOCIETY

This unit investigates the interactions and effects that exist between modern science, technology and society both from a social and historical viewpoint. Advances such as the advent of the internet, genetic modification and nanotechnology are discussed within a context of globalisation, global communications and social change. The unit also includes a study of the nature of science and technology and the nature of scientific knowledge. A major feature of the unit involves groups of students developing and delivering a contemporary science and technology issue affecting society.

Courses: ED50, ED47, ED91, ED82, IF72

Credit points: 12

Campus: K, G

► MDB459 TECHNOLOGICALLY SUPPORTED LEARNING ENVIRONMENTS

Computer-based software, equipment and educational settings as technological environments; evaluation of models of educational 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 communication systems; building World Wide Web, electronic mail, interactive document and synchronous conferencing servers for use within educational settings; managing and adapting client software for instructional use; policy issues in providing network-based educational environments.

Courses: ED13, ED11, ED61  Credit points: 12

► MDN624 CONTEMPORARY MATHEMATICS EDUCATION: CONTEXT AND CHALLENGE

Students will examine the design, implementation and evaluation of mathematics curricula. Consideration will be given to formal and current trends in mathematics education including content, pedagogy and assessment and the roles of language, culture, ethnicity and gender in the teaching and learning of mathematics. Students will examine and evaluate the 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 episodes from a cognitive perspective.

Courses: ED13, ED11, ED61  Credit points: 12

► MDN626 PEDAGOGY IN MATHEMATICS EDUCATION

Study of mathematics education in its classroom micro-context and its wider social macro-context. It studies factors and constraints on these contexts in the light of recent developments in theories such as constructivism and critical theory. It allows students to critically reflect on the different factors that influence and fail to influence the teaching and learning environments in mathematics education and to critically reflect on their own practice in the light of these issues. The 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 expert is developed in planning of assessment instruments.

Courses: ED11, ED13, ED61  Credit points: 12

► MDN628 CONTEMPORARY SCIENCE CURRICULUM: CONTEXT AND CHALLENGE

Expands the formal training and practical experiences of science educators from different educational fields spanning early childhood, primary, secondary and post-compulsory education. Major topics include changing goals and emphases in science education, science curriculum theory and design, science curricular implementation and evaluation, and contemporary issues in science curriculum. A combination of directed readings, seminars, tutorials, independent research and fieldwork 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: development of general and domain specific reasoning; problems associated with particular science topics; student explanation, models and analogical reasoning; factors influencing reasoning; evaluation of understanding. The role of the science laboratory in science education and the development of science reasoning is studied.

Courses: ED13, ED11, ED61  Credit points: 12

► MDN630 LEARNING AND TEACHING IN CONTEMPORARY SCIENCE CLASSROOMS

Overview of current learning theories of relevance to science educators with a particular emphasis on constructivist approaches. Application of the evolving pedagogical models and learning environments for embracing understanding.

Courses: ED13, ED11, ED61  Credit points: 12

Incompatible with: MDP503

► MDN631 CONTEMPORARY CURRICULUM STUDIES IN TECHNOLOGY EDUCATION

Curriculum theory: international and national design and curriculum models, curriculum design: models for curriculum design; impact on information technology; curriculum implementation; vocational models, discipline models, individualised models, school-based models, innovations; curriculum evaluation; historical factors affecting the curriculum in technology education.

Courses: ED11, ED13, ED61  Credit points: 12

► MDN634 PRIMARY MATHEMATICS, SCIENCE AND TECHNOLOGY CURRICULUM

The nature of mathematics, science and technology and a rationale for mathematics, science and technology education will be explored; learning environments 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 scale implementation.

Courses: ED18

Contact hours: 3 per week  Credit points: 12

► MDN636 UNDERSTANDING CONCEPTS IN MATHEMATICS AND SCIENCE

The processes of mathematical and scientific inquiry. Key mathematical and scientific concepts found in primary and/or secondary curricula. The characteristics of and conditions for understanding key mathematical or scientific concepts. The structuring of learning experiences taking into account prior knowledge, suitable metaphors, exemplars and connections.

Courses: ED13, ED11, ED61

Contact hours: 3 per week  Credit points: 12

► MDN637 FLEXIBLE DELIVERY: PEDAGOGICAL ISSUES AND IMPERATIVES

Educators are being increasingly confronted with the need to design and deliver education and training in an open and adaptable manner. This requires an understanding of the concepts and practices of open learning, distance learning and flexible delivery. This unit is linked to current curriculum inquiry and research in order to focus on the specific educator skills associated with the.
introduction and application of open learning and flexible modes of delivery. Technology, which is central to the method of delivery, is taken for granted as the hardware, associated software and curricular/pedagogical design. Students will look at teaching methodologies as not to end in itself but in terms of educational applicability.

**Courses:** ED13, ED11, ED61  
Credit points: 12  
Incompatible with: CULT100  
Campus: EXTR  
**MDP503 INFORMATION SYSTEMS IN EDUCATION**  
Explores some of the characteristics and applications of information systems in an educational context. Information is modelled, stored and retrieved using relational database techniques; the impact on society of the use of information systems and the pedagogies associated with teaching about and using information systems in schools are explored.

**Courses:** ED21, ED26  
Contact hours: 3 per week  
Credit points: 12  
**MDP504 SCHOOL ADMINISTRATION USING INFORMATION TECHNOLOGY**  
The use of information technologies in the administration of schools; explores a range of administrative packages; cost benefits and ethical implications.

**Courses:** GE21, ED26  
Credit points: 12  
**MDP506 COMPUTER EDUCATION**  
Offers students the opportunity to extend expertise gained in other units in the Graduate Diploma in Education (Computer Education). Under supervision, students select a problem relevant to computer education and implement a solution.

**Courses:** ED21, ED61  
Contact hours: 3 per week  
Credit points: 12  
**MDP507 TEACHING SECONDARY COMPUTER STUDIES**  
Introduces students to the pedagogy and management associated with Computer Studies courses currently implemented in Queensland Secondary schools. Emphasis is given to the Information Processing and Technology syllabus and the Practical Computer Methods syllabus.

**Courses:** ED21  
**Prerequisites:** MDP503, MDP532  
Contact hours: 3 per week  
Credit points: 12  
**MDP508 COMPUTER USE IN THE PRIMARY CURRICULUM**  
Exposes students to how computers may be used to teach problem solving in the primary classroom through a study of Logo, adventure games and simulations using problem solving software. In addition, the use of popular software tools as aids to teaching and learning is considered.

**Courses:** ED21, ED61  
**Prerequisites:** MDP537, MDP532 or MDP530  
Contact hours: 3 per week  
Credit points: 12  
**MDP529 DIAGNOSTIC ASSESSMENT AND REMEDIAL INTERVENTION IN MATHEMATICS**  
Overview of learning difficulties of mathematical skills and concepts at all levels. Diagnostic assessment of mathematical competencies including teacher made, commercial and government assessment procedures. Learning experiences to reinforce difficulties for pre-number, number, basic numeracy, advanced numeracy and introductory algebra. Integration of mathematical concepts across the curriculum and applications from real life situations. The use of technology in learning mathematics including the calculator as a pedagogical aid.

**Courses:** ED26, ED28, ED50, ED55, ED61, ED91, ED82, IF70-79  
Contact hours: 3 per week  
Credit points: 12  
**MDP530 COMPUTER APPLICATIONS IN EDUCATION**  
Allows students to gain technological skills and understanding while investigating applications of these technologies in the context of increasing teaching. A wide range of computer applications will be covered, including writing, publishing, graphics, communications and project management tools.

**Courses:** ED21, ED61  
**Contact hours:** 3 per week  
**Credit points:** 12  
**MDP531 INVESTIGATIONS INTO COMPUTER-AIDED LEARNING**  
The use of technology in the teaching/learning process; approaches to and uses of computer-aided learning, hypermedia authoring systems such as HyperCard, Linkways and Toolbooks, and their applications in multimedia environments.

**Courses:** ED21, ED61  
**Prerequisites:** MDP532 or MDP530  
**Contact hours:** 3 per week  
**Credit points:** 12  
**MDP532 COMPUTER SYSTEMS IN AN EDUCATIONAL CONTEXT**  
An introduction to educational computing 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  
**Prerequisites:** MDP503  
**Contact hours:** 3 per week  
**Credit points:** 12  
**MDP533 TEACHING INFORMATION SYSTEMS MODELLING**  
Designed for prospective teachers of information system modelling, explores the pedagogies and approaches appropriate for teaching students at a variety of levels including a secondary school environment. Development and writing of specification documents for information system implementation within an educational context; tools such as relational languages and CASE used by students to implement small educational information systems.

**Courses:** ED21  
**Prerequisites:** MDP503  
**Contact hours:** 3 per week  
**Credit points:** 12  
**MDP534 EDUCATIONAL APPLICATIONS OF ARTIFICIAL INTELLIGENCE**  
Artificial Intelligence (AI) as a discipline impacting on education, philosophical issues, and methods used in AI; focuses particularly on AI applications which cross broad areas of the school curriculum; provides appropriate curriculum support for teachers of the AI topic within the Information Processing and Technology unit at a secondary school level.

**Courses:** ED21  
**Prerequisites:** MDP535  
**Contact hours:** 3 per week  
**Credit points:** 12  
**MDP535 EDUCATIONAL SOFTWARE DEVELOPMENT**  
Data, procedural and object-oriented abstractions used in conjunction with modular programming; abstraction and understanding applications needed to solve problems from a wide range of practical educational applications especially with respect to the development of educational software.

**Courses:** ED21  
**Prerequisites:** MDP532  
**Contact hours:** 3 per week  
**Credit points:** 12  
**MDP536 COMPUTER GRAPHICS IN TEACHING**  
The use of computer graphics to enhance teaching and learning in a school environment. A problem-solving approach is employed and students are given the opportunity to apply what they are learning to their own curriculum areas.

**Courses:** ED21, ED51, ED61  
**Prerequisites:** MDP502 or MDP532 or MDP530  
**Contact hours:** 3 per week  
**Credit points:** 12  
**MDP537 MAJOR ISSUES IN COMPUTER EDUCATION**  
The application and implication of the use of information technologies in an educational environment; the impact of teaching, learning and the curriculum.

**Courses:** ED21, ED61  
**Contact hours:** 3 per week  
**Credit points:** 12  
Incompatible with: MDP502  
**MDP538 COMPUTER CONCEPTS 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 context of recent modelling of 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 hazards for preventing (or minimising) accidents, fires and explosions associated with engineering components, structures, plants and processes. Students will gain particular knowledge of hazards and control measures associated with the manufacturing, construction and mining industries.

**Courses:** PU65  
**Credit points:** 12  
**Campus:** GP  
**Semester:** 1

**ME101 RESEARCH METHODOLOGY**  
Basic research methodology is an essential component for any student expected to undertake research. This unit will provide the basic knowledge of research, qualitative and quantitative research methodologies and a range of techniques to become critical users of existing knowledge as well as research findings.

**Courses:** CE75, EE77, ME80  
**Credit points:** 12  
**Campus:** GP  
**Semester:** 1, 2

**ME102 ADVANCED MECHANICAL ENGINEERING STUDIES**  
Students undertaking Masters' level study of engineering require advanced research skills relating to the evaluation, organisation and presentation of information, data analysis, experimental design and instrumentation. This unit aims to provide some of the advanced skills fundamental to mechanical engineering research which are required to undertake the Research Project and Specialised Studies units in the ME800 course.

**Courses:** ME80  
**Credit points:** 12  
**Campus:** GP  
**Semester:** 1, 2

**ME103 MECHANICAL ENGINEERING SPECIALISED UNIT 1**  
Professional engineers in the workplace are often required to undertake independent enquiry in very specific areas of mechanical engineering science. To do this they require the skills to retrieve information and experience in self directed learning, independent analysis and investigation. This unit will allow you to pursue in greater depth a particular area of mechanical, medical or infomechatronics engineering through self directed learning, thereby developing your independent learning capability and expanding your knowledge of a chosen area of study.

**Courses:** ME80  
**Credit points:** 12  
**Campus:** GP  
**Semester:** 1, 2

**ME104 MECHANICAL ENGINEERING SPECIALISED UNIT 2**  
**Courses:** ME80  
**Credit points:** 12  
**Campus:** GP  
**Semester:** 1, 2

**ME105 MECHANICAL ENGINEERING SPECIALISED UNIT 3**  
**Courses:** ME80  
**Credit points:** 12  
**Campus:** GP  
**Semester:** 1, 2

**ME270 SYSTEMS MODELLING AND SIMULATION**  
The concept of a model and model building; techniques for the solution of the models; example analytical models; computer simulation models, Markov chains, queuing models; simulation as a decision making tool; modelling for simulation; practical exercises in simulation using computer simulation software in the areas of manufacturing systems and maintenance.

**Courses:** ME75, ME76, CE75, EE77, ME80  
**Contact hours:** 32 hours over a two-week block  
**Credit points:** 12  
**Campus:** GP

**ME171 ADVANCED MANUFACTURING TECHNOLOGIES**  
Overview of manufacturing systems engineering and applications of advanced computer aided drafting and design; implementation of CAD/CAM systems using three-dimensional
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modelling techniques; classification systems for part family formation for production and tooling; business plan; and government planning. Introduction and installation of flexible manufacturing cells and systems including robotics, automated guided vehicles, online computer aided inspection, automation integration, support technologies and planning for CIM.

Contact hours: 32 hours over a two week block
Credit points: 12
Campus: GP

► MEN172 COST ANALYSIS AND ASSET MANAGEMENT

Provides students with skills to: analyse cost and understand different costing methods and their implications; evaluate engineering decisions under different cost allocation methods; appreciate the role of variance analysis as a management tool; estimate cash flows; make lease versus buy decisions and budgeting; life-cycle costing and economic asset management and life cycle costing.

Courses: ME75, ME76, CE75, EE77, ME80
Contact hours: 32 hours over a 2 week block
Credit points: 12
Campus: GP

► MEN175 ENERGY AND ENVIRONMENTAL MANAGEMENT

The aim of this unit is to provide students with the skills to understand the complex and dynamic relationships between the global context of energy issues. Greenhouse, climate change and ocean layer depletion are covered because they are effecting Engineering Practice. Specific topics include: Properties and testing methods of solid, liquid and gaseous fuels; combustion calculations; flue gas analysis; energy tariffs and audits; major applications of energy management, for example buildings, process plant, compressed air systems, vehicle fleets; economic evaluation of energy projects; introduction and management of energy saving opportunities. Environmental aspects will be considered for each topic. Assessment includes and energy audit of a commercial/industrial site.

Courses: ME75, ME76, ME80
Contact hours: 32 hours over a two week block
Credit points: 12
Campus: GP

► MEN190 PROJECT

Substantial piece of work relevant to the course and carried out by each student on an individual basis; report is examined and marked by academic supervisor in consultation with industrial supervisor.

Courses: ME75, ME76, ME80
Credit points: 24
Campus: GP Semester: 1, 2

► MEN241 RELIABILITY AND MAINTENANCE MANAGEMENT

Overview of maintenance responsibilities and tasks; organisation for maintenance; creating a maintenance plan with reliability; availability; maintainability; repair pools; spare parts inventory management; cost downtime; downtime reduction; preventive measures; performnce measures; documentation and document control; configuration management; computerised maintenance systems; total productive maintenance (TPM); condition monitoring and strategic asset management.

Courses: ME75, ME76
Contact hours: 32 hours over a two week block
Credit points: 12
Campus: GP

► MEN272 ENTERPRISE RESOURCE PLANNING

The aim of this unit is to provide students with an understanding of the underlying philosophy and practice of resources planning. Topics covered are functions and relationships between the major components - demand analysis, production and operations planning and control, resource planning and control - manufacturing requirements planning (MRPII); supply chain management; total enterprise approach to business management. Extension of these principles to processing and service industries such as mining, oil, chemical and food processing; enterprises such as hospitals and airports.

Courses: ME75, ME76
Contact hours: 32 hours over a two week block
Credit points: 12
Campus: GP

► MEN273 ENGINEERING KNOWLEDGE MANAGEMENT

This unit provides students with the skills in knowledge identification, knowledge development, knowledge preservation, knowledge representation and knowledge distribution in the corporate sector and the techniques associated with the design and development of knowledge management systems. It also considers brief organizational practices. The unit also provides students with an understanding of the design, development and organization of knowledge management on the building blocks of knowledge management.

Courses: ME75, ME76, ME80
Contact hours: 32 hours over a two week block
Credit points: 12
Campus: GP

► MEN280 ENGINEERING PROJECT MANAGEMENT

The aim of this unit is to provide students with an understanding of the underlying philosophy and practice of project management. Topics covered are definition of project management; organisational structure, feasibility analysis; project organisation; contracts; project control; risk analysis and project termination.

Courses: BS93, ME75, ME76, CE75, EE77, ME80
Contact hours: 32 hours over a two week block
Credit points: 12
Campus: GP

► MEP201 SAFETY TECHNOLOGY AND PRACTICE

Overview of models of the accident phenomenon; technological background of potential hazards with electrical power; construction site mechanical equipment hazards and failure; modes of engineering materials; mechanical properties of engineering materials and their effect on safety. Topics covered include: human error; risk analysis and project termination.

Courses: HL88, PU65
Contact hours: 3 per week Credit points: 12
Campus: GP Semester: 1

► MGB007 ENGINEERING MANAGEMENT

This unit introduces engineering students to the fundamentals of management so they can perform a basic managerial role, with the capacity to identify key issues and to develop themselves further. It covers the managerial functions of planning, organising and controlling and, in addition, gives emphasis to the involvement of people and their skills in a modern flexible organisation. The unit also introduces key models and concepts of organisational management and introduces issues of service management, projects, technology and innovation.

Courses: ME41, ME42
Contact hours: 3 per week Credit points: 12
Campus: GP Semester: 2

► MGB201 THE LEGAL CONTEXT OF EMPIRE MANAGEMENT

The unit provides an overview of the complex legal, social and political arrangements underpinning organisational life in Australia. The employment relationship and its legal context is central to organisational operations, and the unit addresses the identification and analysis of the rights and responsibilities of people at the workplace, and the institutions governing the conduct of the different parties involved in the employment relationship. The unit examines the legal issues from the perspective of the interactions between individual workers, unions, employers, employer associations, governments and international bodies to enable students to understand the broader context of the legal obligations of the management function.

Courses: BS56, IF28, IF30, IF47, IF48, IF61, IF62
Prerequisites: MGB222
Contact hours: 3 per week Credit points: 12
Incompatible with: HRB103
Campus: GP, CA Semester: 1

► MGB202 EQUITY AND DIVERSITY MANAGEMENT

The historical, legal and social perspectives on current issues surrounding equity and diversity in management particularly equal employment opportunity (including affirmative action and anti-discrimination initiatives) are investigated. Workplace implications of current approaches and the concepts and application of the principle of merit are explored in relation to the likely and possible impacts in making performance-related decisions. In identifying strategic management approaches to diversity including implementing the EEO and AA processes identified. The unit also considers the building blocks of knowledge management. It introduces current management practices and research methods through investigating, analysing, and critiquing current EEO/AA approaches and plans.

Courses: BS56
Prerequisites: BSB114
Contact hours: 3 per week Credit points: 12
Incompatible with: HRB133
Campus: GP Semester: 2

► MGB203 GOVERNMENT-MANAGEMENT INTERFACE

This unit will provide students with an essential understanding of the complex and dynamic relationships between government and management. The unit will focus upon the political context of management, government policies towards business, processes of development and operational impacts, the politics of governance and management of the public/private sector interface. The unit will also examine the capacity of various business sectors to influence the political system of Australia in an international context.

Courses: BS56
Prerequisites: BSB114
Contact hours: 3 per week Credit points: 12
Incompatible with: EPB125, EPB140
Campus: GP Semester: 2

► MGB207 HUMAN RESOURCE ISSUES AND STRATEGY

This unit identifies the range of contemporary human resource issues facing Australian organisations. These are explored and analysed through examining a range of alternative human resource programs, policies, plans, and strategies. This unit introduces a range of human resource functions and provides a foundation for the development of professional practice in HRM in later units. This unit provides students with knowledge and skills to address contemporary human resource issues in order to contribute to organisational efficiency and effectiveness.

Courses: BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62, PU40
Prerequisites: BSB115
Contact hours: 3 per week Credit points: 12
Incompatible with: HRB131
Campus: GP, CA Semester: 1, 2

► MGB209 OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT

This unit provides an overview of issues related to occupational health and safety. The unit acquaints students with the scope of the occupational health and safety problem in Australia as well as the legislative environment, and introduces them to analytical skills needed to manage these problems. The unit takes a strategic and multi-disciplinary approach to the management of occupational health and safety.

Courses: BS56
Prerequisites: BSB114
Contact hours: 3 per week Credit points: 12

Q U T H A N D B O O K  2 0 0 4  •  P A G E  5 2 9
Introduction to Business, Organisational and Human Resource Management

UNIT SYNOPSIS

Incompatible with: HRB128
Campus: GP
Semester: 1
►
MGB200 PRODUCTION AND SERVICE MANAGEMENT
Production and Service Management extends general management approaches to the production and development of services by SMEs. The unit focuses on the deployment of productive resources in order to maximise the added value of services and products. It examines the impact of changing technology, such as the adoption of digital technologies, on productive resource deployment in order to enhance added value. It considers the opportunities that new technologies offer to operationalise strategies in both manufacturing and service. Project management principles are considered in relation to resource deployment and continuous improvement.
Courses: BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: MGB220
Contact hours: 3 per week  Credit points: 12
Incompatible with: HRB129
Campus: GP, CA
Semester: 1, 2
►
MGB211 ORGANISATIONAL BEHAVIOUR
The unit examines theory and research related to individual and collective human behaviour in organisations. A multi-level approach will be adopted that focuses on individuals, groups, the organisation, and the relationships among these elements. In addition, the unit will address major themes in the field and provide students with an opportunity to use the body of knowledge to analyse and understand issues within these themes. This unit will help students understand the role that people as individuals and in groups play in organisations, and to apply this knowledge in creating more effective and humane workplace practices.
Courses: BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62, PU40
Prerequisites: MGB220
Contact hours: 3 per week  Credit points: 12
Incompatible with: HRB130
Campus: GP, CA
Semester: 1, 2
►
MGB216 MANAGING TECHNOLOGY, INNOVATION AND KNOWLEDGE
This unit explores the links between research, technical processes, product innovation and management strategy, structure, policy and practice. It examines the impact of changing technology, such as information technology, on organisations. This unit examines the internal operation of organisations, with particular respect to the management of technological and intellectual property. Issues include the impact of technological and social change. Other issues addressed in this unit include the nature of product innovation, technology transfer, intellectual property and licensing, government policy, and the role of research and development.
Courses: BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: MGB222
Contact hours: 3 per week  Credit points: 12
Incompatible with: HRB140
Campus: GP
Semester: 1
►
MGB218 VENTURE SKILLS
Entrepreneurial management is becoming critical skill to have for small and medium sized enterprises (SMEs) who wish to grow rapidly and for small business units (SBUs) in large corporations. This unit examines and compares the venture growth processes for entrepreneurial managers. This unit focuses on the post start-up issues for entrepreneurial ventures. The unit considers the rapid growth issues in the identification, analysis and learning processes for SMEs.
Courses: BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62, LS50
Prerequisites: 96 credit points of approved study
Contact hours: 3 per week  Credit points: 12
Incompatible with: GP
Campus: GP
Semester: 2
►
MGB220 MANAGEMENT RESEARCH METHODS
This unit is designed to provide students with a conceptual map for conducting research and introduce them to basic qualitative and quantitative analysis techniques. The lecture and tutorial program provides students with a general research process, moving from establishing a research question, determining a theoretical framework, collecting the data, conducting data analysis, writing conclusions, and reporting research outcomes. An emphasis is placed on both quantitative and qualitative research methodologies.
Courses: BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: BSBI122
Contact hours: 3 per week  Credit points: 12
Incompatible with: MGB100, EPB109, EPB110, EPB163, COB334, COB203, AMB201
Campus: GP, CA
Semester: 1, 2
►
MGB221 PERFORMANCE AND REWARD
This unit examines the key Human Resource Management functions of job analysis, performance management and compensation management, and offers a strategic perspective with a view to optimising individual and organisational performance. A substantial level of analytical and professional competence is expected in this unit, which is a key to the integration of HR processes and organisational research methodologies.
Courses: BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: MGB207
Contact hours: 3 per week  Credit points: 12
Incompatible with: MGB328, HRB105
Campus: GP, CA
Semester: 1
►
MGB222 MANAGING ORGANISATIONS
This unit develops and applies knowledge of the organisation in both its internal and external environment, and the demands of managing the organisation’s resources and performance. It raises contemporary issues in management and their implications for competitive advantage, focusing on various organisational systems including HR, technology, structure and design. This unit provides a foundation of knowledge for the management and HRM majors. In this unit there will be a focus on strategy, leadership and internationalisation.
Courses: BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: BSBI115
Contact hours: 3 per week  Credit points: 12
Campus: GP, CA
Semester: 1, 2
►
MGB223 CREATING NEW ENTERPRISES
This unit deals with the development of a business plan for the potential launch of a student business idea. A project unit is designed for those individuals interested in creating a new venture or working in industries as employees of venture start-ups. Students will learn how to develop a comprehensive business plan that will serve as the foundation for a sustainable business concept. Students can progress from this unit to our Business Plan Analysis in the unit MGB218 Venture Success or advance from MGB218 to undertake this unit.
Courses: BS56, ED23, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: 96 credit points of approved study
Contact hours: 3 per week  Credit points: 12
Campus: GP
Semester: 1
►
MGB224 AUSTRALIAN INDUSTRIAL RELATIONS
This unit traces the evolution of current institutional and collective bargaining arrangements, situating them within the broader context of social and industrial relationships. Issues are viewed from different perspectives, seeing them as a product of a range of political, economic and legal and industrial experiences. The unit aims to provide an insight into the complexities of Australian industrial relations.
Courses: BS56
Prerequisites: BSBI115
Contact hours: 3 per week  Credit points: 12
Incompatible with: MGB204, MGB329, MGB332
Campus: GP
Semester: 2
►
MGB304 HUMAN RESOURCE INFORMATION MANAGEMENT
This unit focuses on Human Resource Information Management. Students will be coached to understand the storage, retrieval, and utilisation of HR information at an individual level of analytical and professional competence is expected in this subject, which is a key to the utilisation of HR information in a strategic manner. In addition, students will be introduced to the basic operation of a computerised Human Resource Information System (HRIS) to appreciate the role of technology in HR information management.
Courses: BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: MGB221
Contact hours: 3 per week  Credit points: 12
Campus: GP
Semester: 2
►
MGB306 INDEPENDENT STUDY
Enables students to demonstrate an ability to direct their own learning, a key competence for professionals who must keep themselves up-to-date in their area of expertise. Either individually or in small groups, students undertake one or several learning activities with the approval of a supervisor. Appropriate activities include literature review, research (mini-thesis), project, practical (work placement), or alternative deemed appropriate by the supervisor.
Courses: BS56
Prerequisites: 96 credit points of approved study
Contact hours: Flexible Mode
Credit points: 12
Incompatible with: HRB151
Campus: GP
Semester: 1, 2, 3
►
MGB307 INTERNATIONAL HUMAN RESOURCE MANAGEMENT
This unit provides an overview of international business management, and explores a strategic appreciation of the role of human resource management in an international context. Specific human resource processes are detailed, including: expatriate selection, cross-cultural training, management and remuneration, management of global management; and the competencies required to manage a culturally diverse workforce, the relationship between international human resource management and international industrial relations, and contemporary research in international human resource management. The Asia-Pacific region will be a focus for discussions throughout this unit.
Courses: BS56
Prerequisites: MGB207
Contact hours: Flexible Mode
Credit points: 12
Incompatible with: HRB117
Campus: GP
Semester: 2
►
MGB309 STRATEGIC MANAGEMENT
In this unit, fundamental elements of strategy are developed, and a strategy framework is developed within the particular context of Australia’s economic development position, which can be used in the decision making process. The emphasis is upon process and content issues that affect the strategic performance and positioning of the organisation. This will involve creating an understanding of the universal building blocks of competitive advantage at the business, corporate and international levels. By understanding the nature and determinants of competitive and strategic advantages, students should enhance their professional competences to be able to take a more strategic and critical perspective.
Courses: BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: MGB222
Contact hours: 3 per week  Credit points: 12
Incompatible with: HRB125, MIB314
Campus: GP, CA
Semester: 1, 2
►
MGB312 NEGOTIATION SKILLS
This unit focuses on the conceptual and practical aspects of negotiation as applied to the basic concepts of integrative and distributive bargaining domestically and internationally. The process and principles of negotiation are considered, culminating in their ability to negotiate an extensive and complicated collective bargaining agreement.
Courses: BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: MGB329
Contact hours: 3 per week  Credit points: 12
Incompatible with: MGB329
Campus: GP
Semester: 1
►
MGB313 NEGOTIATION SKILLS
This unit focuses on the conceptual and practical aspects of negotiation as applied to the basic concepts of integrative and distributive bargaining domestically and internationally. The process and principles of negotiation are considered, culminating in their ability to negotiate an extensive and complicated collective bargaining agreement.
**UNIT SYNOPSIS**

**Prerequisites:** MGB211
Contact hours: 3 per week  Credit points: 12

- Incompatible with: HRB102
- Campus: GP  Semester: 1

► **MGB314 ORGANISATIONAL CONSULTING AND CHANGE Management consultancy is a fundamental skill required by prospective managers and professionals. This unit provides opportunities for students to develop a practical orientation to consulting to individuals, groups, and organisations. Hence content theory and process theory will be addressed. The unit will examine a range of human process interventions designed to improve organisational effectiveness. Attention will be given to change theories that are socially and culturally inclusive. Graduates of this unit should be able to be productive members of organisational change teams.

- Courses: BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62
- Prerequisites: MGB211

Contact hours: 3 per week  Credit points: 12

- Incompatible with: HRB119, COB102
- Campus: GP, CA  Semester: 1, 2

► **MGB315 PERSONAL AND ORGANISATIONAL DEVELOPMENT**

Develops personal, interpersonal and professional competencies (in both cognitive and affective domains) necessary in a human resource or management professional. Develops personal awareness and understanding, interpersonal competencies, and professional skills. Also examines interpersonal processes and strategies for conflict resolution and stress management. Throughout, it emphasises the design of processes to achieve outcomes and skills of reflective practice. The focus is on developing skills to enhance individual competence and leadership skills to enhance effectiveness.

- Courses: BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62
- Prerequisites: 144 credit points of study

Contact hours: 3 per week  Credit points: 12

- Incompatible with: HRB104
- Campus: GP, CA  Semester: 1, 2

► **MGB320 RECRUITMENT AND SELECTION**

This unit draws on conceptual foundations established in MGB221. The unit examines the environment of recruitment and selection, with a particular emphasis on legal issues. Recruitment strategies are evaluated, and considered from the perspective of the organisation and the individual. Selection techniques are appraised in relation to technical issues of reliability, validity, fairness, and applicability. Practical skills in designing and conducting selection techniques are developed, including the opportunity to develop skills in the interview process.

- Courses: BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62
- Prerequisites: MGB221

Contact hours: 3 per week  Credit points: 12

- Incompatible with: HRB134
- Campus: GP, CA  Semester: 2

► **MGB321 ADVANCED PRACTICE IN RECRUITMENT AND SELECTION**

This unit draws on conceptual foundations established in MGB320 Recruitment and Selection. The unit examines the theory and practice of advanced selection techniques. In addition, the application of selection techniques to a range of contexts and occupational groups will be explored including operatives, management, customer service, hospital professions and other groups. A range of contemporary issues will be addressed. This unit focuses on strategy and practice specific skills.

- Courses: BS56
- Prerequisites: MGB320

Contact hours: 3 per week  Credit points: 12

- Incompatible with: HRB134
- Campus: GP  Semester: 1

► **MGB322 ADVANCED PRACTICE IN TRAINING AND DEVELOPMENT**

This unit focuses on designing, implementing and evaluating systems for individual and organisational learning as part of a strategic approach to human resource development. The unit will rely heavily on empirical and theoretical works to inform practice. Over the semester we will examine in-depth the key cognitive and motivational theories relating to training, examine advanced training techniques, career development, focus on transfer of training and investigate how to evaluate the effectiveness of training programs using research methods. The unit will also highlight the important characteristics of a competent trainer.

- Courses: BS56
- Prerequisites: MGB331

Contact hours: 3 per week  Credit points: 12

- Incompatible with: HRB101
- Campus: GP  Semester: 1

► **MGB331 TRAINING AND DEVELOPMENT**

This unit introduces students to theory and competencies required of a beginning or an occasional trainer: adult learning, trainable skills, training needs analysis; training objectives; training evaluation; training models; training aids/audiovisuals; training administration. This unit has a strong focus on mastery of theories and development as well as learning by doing.

- Courses: BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62
- Prerequisites: MGB207 or 96 credit points of approved study

Contact hours: 3 per week  Credit points: 12

- Incompatible with: MGB217, HRB120
- Campus: GP, CA  Semester: 2

► **MGB334 MANAGING IN A CHANGING ENVIRONMENT**

This unit provides students with the conceptual and analytic tools required for managing changing environments. The focus is on developing an understanding of the management competencies required for managing flexibility, managing innovation and managing change. The unit moves beyond a focus on ‘dot.com companies’ to examine a range of organisations both small and large are engaging with issues associated with knowledge management. Case study projects are used throughout the unit to analyse the range of organisational issues that are being faced by organisations.

- Courses: BS56, IF28, IF30, IF41, IF47, IF48, IF60, IF62
- Prerequisites: BS212 or MGB222 or 96 credit points of approved study

Contact hours: 3 per week  Credit points: 12

- Incompatible with: BS33212
- Campus: GP  Semester: 1, 2

► **MGB335 PROJECT MANAGEMENT**

This unit develops knowledge in the areas relating to effective management of projects (as distinct from programmes). It is based on focuses on the central issues of project selection, modelling, planning, control and evaluation. Case study projects are used throughout the unit and are mainly in the services industry sector. The unit seeks to develop ‘technical’ (tools and techniques) as well as ‘people’ (behavioural) skills needed for effective management of projects.

- Courses: BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62
- Prerequisites: MGB222 or 96 credit points of approved study

Contact hours: 3 per week  Credit points: 12

- Incompatible with: BS33212
- Campus: GP  Semester: 1

► **MGB336 ADVANCED MANAGEMENT RESEARCH METHODS**

This unit provides students with an advanced understanding of the methodologies of designing and conducting research at a higher level or postgraduate research projects. Preceding methods units introduced research methods; this unit focuses on the selection of research methods. The unit focuses specifically on the application of quantitative statistics to managerial decision-making and organisational research. At the end of this unit, students will have a sound working knowledge of SPSS.

- Courses: BS56
- Prerequisites: MGB220

Contact hours: 3 per week  Credit points: 12

- Campus: GP  Semester: 1

► **MGB337 SPECIAL TOPIC**

This unit provides students with an advanced selection techniques. In addition, the course will focus on the impact of policies and actions each have on the export markets.

- Courses: BS93  Contact hours: Flexible Mode
- Credit points: 12

- Incompatible with: EPF101
- Campus: GP  Semester: 1

► **MGN401 MANAGING AND ORGANISING GLOBAL FIRMS**

This unit draws on conceptual foundations established in MGB320. It examines the key management functions; areas of planning, organising, staffing, directing and controlling; production/operations management and the management of quality, entrepreneurship and business environments; important trends facing managers in Australia analysed from the viewpoint of relevant academic disciplines.

- Courses: BS32, BS98, BS39

Contact hours: 3 per week  Credit points: 12

- Incompatible with: HRN104
- Campus: GP  Semester: 1, 2

► **MGN410 LABOUR-MANAGEMENT RELATIONS**

This unit draws on conceptual foundations established in MGB320. It examines the key management functions; areas of planning, organising, staffing, directing and controlling; production/operations management and the management of quality, entrepreneurship and business environments; important trends facing managers in Australia analysed from the viewpoint of relevant academic disciplines.

- Courses: BS32, BS39

Contact hours: Flexible Mode
- Credit points: 12

- Incompatible with: HRN105
- Campus: GP  Semester: 2

► **MGN412 PEOPLE IN ORGANISATIONS**

This unit draws on conceptual foundations established in MGB320. It examines the key management functions; areas of planning, organising, staffing, directing and controlling; production/operations management and the management of quality, entrepreneurship and business environments; important trends facing managers in Australia analysed from the viewpoint of relevant academic disciplines.

- Courses: BS32, BS98, BS39

Contact hours: 3 per week  Credit points: 12

- Incompatible with: EPN101
- Campus: GP  Semester: 1

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UNIT SYNOPSES

► MGN421 STRATEGIC HRM

HRM is concerned with the relationship between performance, costs and outputs of organisations and objectives. This capstone unit provides HRM students with the opportunity to apply their learning to this crucial theoretical organisational goal and objectives. The learning strategies in this unit provide an overview of international operations from that HRM should be strategically integrated into maximising performance of international managers when managing their human resources in an international context. Taking an organisational-practices in managing their human resources in an international context. Taking an organisational-contexts. Incompatible with: BS39, BS93

Courses: BS39, BS93
Contact hours: Flexible Mode
Credit points: 12
Campus: GP
Semester: 2

► MGN422 CONTEMPORARY ISSUES AND PRACTICES IN EMPLOYEE RELATIONS

This unit will provide human resource practitioners with skills and knowledge to cope with changing employee relations conditions and work practices in Australia. The focus of the unit is on issues relating to changes in industrial relations and how these impact on HR practice. The present unit examines the role of EBA system, negotiation of EBA agreements, and related work practice issues such as the impact of these changes on health and safety, diversity issues, social responsibilities, workforce diversity and the increasing use of technological addressed. Courses: BS39, BS93
Contact hours: Flexible Mode
Credit points: 12
Campus: GP
Semester: 2

► MGN423 CONTEMPORARY STRATEGIC ANALYSIS

This unit focuses upon developing manager’s understanding of the strategy concept and placing the fundamental elements of strategy in a framework for use in the decision-making process. Taking the perspective that many managers make decisions that can have strategic implications, the emphasis is upon studying those issues that can affect the strategic positioning of the organisation. This involves creating an understanding of the universal building blocks of competitive advantage at the business, corporate and international levels. By understanding the nature and determinants of competitive and comparative advantages, students will be well-positioned to take a more strategic perspective in their organisational activities. Courses: BS93
Contact hours: 3 per week
Credit points: 12
Incompatible with: BS407, MGN504
Campus: GP
Semester: 2

► MGN424 INTERNATIONAL ORGANISATIONS HRM

This unit provides students with an overview of the complex array of issues that face organisations when managing their human resources in an international context. Taking an organisational-level focus to understanding how best to manage people internationally, the unit strategically overviews the need to integrate organisational policy and national cultural and legislative constraints in maximising performance of international managers and organisations. The unit presents the view that HRM should be strategically integrated into the development of international operations from start-up through to HRM’s role in engendering global competitiveness and global transformation. Courses: BS39, BS93 Prerequisites: MGN427
Contact hours: Flexible Mode
Credit points: 12
Campus: GP
Semester: 2

► MGN425 THE CONTEXT OF PUBLIC MANAGEMENT

This unit is designed to acquaint students with the context within which public bureaucracies’ function, particularly the special characteristics of public accountability, which distinguish these bureaucracies from private sector organisations. The primary focus is on the Australian scene, although students will draw comparisons from the public sector within or outside of Australia. 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, and the impact on HRM. The unit examines strategies for achieving efficiency and effectiveness in public sector organisations. Courses: BS39, BS93
Contact hours: 12
Credit points: 12
Campus: GP
Semester: 1

► MGN426 INTERNATIONAL TRENDS IN PUBLIC MANAGEMENT

This unit examines major international trends and issues in public management, especially the impact of the New Public Management, focused upon corporatisation and privatisation, plus regionalisation and devolution of decision-making. It discusses the evolution of institutional structures of administration and policy making under the pressure of global economic and political perspectives with a focus on improving organisation-in with reference to the changing nature of national context. Courses: BS39, BS93
Contact hours: Flexible Mode
Credit points: 12
Campus: GP

► MGN427 HUMAN RESOURCE MANAGEMENT

This unit is designed to introduce students to the importance of human resource management for the effective and efficient operation in complex and/or global environments and the quality of work life. The subject examines human resource management from multiple consistency, functional and organisational perspectives. It utilises an open systems model to introduce some of the key processes of personnel management, which are treated at a theoretical and skill level. The subject fosters knowledge, analytical and operational competencies. Courses: BS32, BS39, BS93, GS41, GS85, GS86
Contact hours: Flexible Mode
Credit points: 12
Campus: GP
Semester: 1, 2

► MGN428 MANAGING NEW BUSINESSES

This unit is designed for the in-depth analysis of starting small businesses and for the development of a comprehensive business plan. This unit emphasizes hands-on leadership for business owners in innovative firms, such as high-tech industries. In this new environment, extensive human resource skills are required to start-up and operate small businesses. Courses: BS93
Contact hours: 3 per week
Credit points: 12
Campus: GP
Semester: 2

► MGN429 STAFFING POLICIES AND STRATEGIES

This unit examines and critiques staffing policies and processes from both strategic and technical perspectives of and, the relationship between various HRM functions for optimising individual and organisational performance. Courses: BS39, BS93 Corequisites: MGN427
Contact hours: 3 per week
Credit points: 12
Campus: GP
Semester: 2

► MGN430 STRATEGIC PERFORMANCE MANAGEMENT

This unit provides the competencies expected of advanced HR practitioners and managers. It provides a theoretical basis for the performance management function of HRM as well as addressing the issue of employee rewards and compensation. It identifies from a strategic management perspective the issues of, and the relationship between various HRM functions for optimising individual and organisational performance. Courses: BS39, BS93 Corequisites: MGN427
Contact hours: 3 per week
Credit points: 12
Campus: GP
Semester: 2

► MGN431 STRATEGIC HUMAN RESOURCE DEVELOPMENT

Strategic HRD provides the theoretical and practical framework for planning and implementing HRD within today’s organisations. It examines strategic approaches to achieving learning and skills development and related these in a practical way to the HRD challenges faced by students. The unit provides an introduction to contemporary international HRD ideas and practice to develop an understanding of the contribution of HRD to the broader economic context. Courses: BS39, BS93
Contact hours: 3 per week
Credit points: 12
Campus: GP
Semester: 1

► MGN500 ADVANCED READINGS IN HUMAN RESOURCE MANAGEMENT 1

Examines in-depth advanced theory, research, and issues of practice in human resource management. Courses: BS93
Contact hours: Flexible Mode
Credit points: 12
Campus: GP
Semester: 1

► MGN501 READINGS IN MANAGEMENT

Examines in detail advanced theory and issues from a chosen discipline area. The object is to have students explore the breadth of their discipline in contrast to the more narrow focus of their thesis work. Students select advanced readings in their field and submit a comprehensive literature review of these readings, which is carried out in consultation with the supervisor. Courses: BS63, BS92
Contact hours: 3 per week
Credit points: 12
Incompatible with: HRN118
Campus: GP
Semester: 1

► MGN502 CONTEMPORARY ISSUES IN 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
Contact hours: Flexible Mode
Credit points: 12
Campus: GP
Semester: 1

► MGN506 CONTEMPORARY ISSUES IN HRM

Postgraduate students need to be familiar with the contemporary issues and the current theoretical and practical developments within their field of specialisation. These matters need to be pursued at an appropriate level of intellectual rigor and current or predictably important in the future. Special expertise of staff, visiting scholars or distinguished HRM professionals may be utilised. Courses: BS39, BS63, BS92, BS93
Contact hours: Flexible Mode
Credit points: 12
Incompatible with: HRN115
Campus: GP
Semester: 1

► MGN507 CONTEMPORARY ISSUES IN MANAGEMENT

Examines in detail advanced theory and issues from their chosen field of study. Such study may include an analysis of the historical developments in the field, interconnections with other fields, current significant issues and practices (including ethics), and advanced methodology and/or statistics relevant to the field. The content may vary according to which issues are significant at the time of assessment and according to the specific research interests and research information relevant to identified topics. Content may vary according to which issues are current or predictably important in the future. Special expertise of staff, visiting scholars or distinguished HRM professionals may be utilised. Courses: BS39, BS63, BS92, BS93
Contact hours: Flexible Mode
Credit points: 12
Incompatible with: HRN115
Campus: GP
Semester: 2
UNIT SYNOPSIS

► MGN508 HRM CASES
Further development of students’ capacity to analyse and solve business problems and encourages them to develop the facility for independent thought and critical analysis. In this unit students will be introduced to (a) examine a human resources function in an organisation, and report observations; (b) relate these observations to both a relevant research, and (c) develop an integrated view of human resources, including its functions, processes, stakeholders, and environment. Finaly, the unit will focus on academic, theoretical, research or practical material relevant to the cases.
Courses: BS63, BS92, BS93
Contact hours: 3 per week
Credit points: 12
Incompatible with: HRN116
Campus: GP
Semester: 2

► MGN509 HUMAN RESOURCE MANAGEMENT PROJECT 1
Provides the opportunity for students to undertake an approved project to develop and enhance learning associated with the coursework elements of human resource management.
Courses: BS93
Contact hours: Flexible Mode
Credit points: 12
Campus: GP

► MGN510 HUMAN RESOURCE MANAGEMENT PROJECT 2
Provides the opportunity for students to undertake an approved project to develop and enhance learning associated with the coursework elements of human resource management.
Courses: BS93
Contact hours: 3 per week
Credit points: 12
Campus: GP

► MGN511 MANAGEMENT PROJECT 1
Provides the opportunity for students to undertake an approved project to develop and enhance learning associated with the coursework elements of management.
Courses: BS93
Contact hours: 3 per week
Credit points: 12
Campus: GP

► MGN512 MANAGEMENT PROJECT 2
Provides the opportunity for students to undertake an approved project to develop and enhance learning associated with the coursework elements of management.
Courses: BS93
Contact hours: 3 per week
Credit points: 12
Campus: GP

► MGN516 POLICY ANALYSIS
Students develop skills in the analysis of policy content and policy process. It provides a basic methodological framework for the systematic development of those skills with two related objectives: (a) to develop a range of models of public policy processes with a view to determining their validity and utility, and (b) to develop a capacity for policy analysis, utilising a variety of conceptual frameworks. Topics include policy design, formation and implementation, and theories of policy.
Courses: BS39, BS93
Contact hours: Flexible Mode
Credit points: 12
Incompatible with: EPN104
Campus: GP
Semester: 2

► MGN517 PROGRAM MANAGEMENT AND EVALUATION
This unit provides an understanding of program management and evaluation in the public sector, with an emphasis on skills development; theory and methodology of evaluation research; qualitative and quantitative tools and the application of these tools to a program policy.
Courses: BS39, BS93
Contact hours: Flexible Mode
Credit points: 12
Incompatible with: EPN106
Campus: GP
Semester: 1

► MGN524 SPECIAL TOPIC IN MANAGEMENT 1
Students undertake specialist study on a topic area relevant to particular needs. It permits an in-depth examination of an issue of importance. The content varies depending on the issue examined, and the academic member(s) involved (including short-term visiting academics).
Courses: BS93
Contact hours: Flexible Mode
Credit points: 12
Campus: GP

► MGN525 SPECIAL TOPIC IN MANAGEMENT 2
Students undertake specialist study on a topic area relevant to particular needs. It permits an in-depth examination of an issue of importance. The content varies depending on the issue examined, and the academic member(s) involved (including short-term visiting academics).
Courses: BS93
Contact hours: 3 per week
Credit points: 12
Campus: GP

► MGN526 ADVANCED READINGS IN MANAGEMENT 2
Students explore in-depth advanced theory, research and issues of practice in human resource management.
Courses: BS93
Contact hours: 3 per week
Credit points: 12
Campus: GP

► MGN527 ADVANCED READINGS IN HUMAN RESOURCE MANAGEMENT 2
Students explore in-depth advanced theory, research and issues of practice in human resource management.
Courses: BS93
Contact hours: 3 per week
Credit points: 12
Campus: GP

► MMB211 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 methodology. Students examine the role of the engineering profession and its disciplines in Australia and worldwide; Australian healthcare systems; medical terminology; health technology and equipment; engineering and medical ethics; case studies; and engineering communication.
Courses: MEB48
Contact hours: 5 per week
Credit points: 12
Campus: GP
Semester: 1

► MMB212 MECHANICS 2
Topics covered in this unit include: kinematic analysis; analysis of planar linkages and mechanisms; link synthesis and its application to the design of mechanisms; determination of static and dynamic forces and torques due to inertia and other effects in mechanisms; kinematic analysis of gears and gear systems; introduction to energy methods for static analysis; stress analysis of axi-symmetrically loaded members; torsion of non-circular sections; further analysis of stress and strain; torsion of prismatic sections and thin-walled sections; axisymmetric problems; energy methods; thin plates.
Courses: MEB41, MEB42
Prerequisites: MEB211, MEB131
Contact hours: 6 per week
Credit points: 12
Campus: GP
Semester: 2

► MMB232 MATERIALS TECHNOLOGY
This unit covers 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: MEB36, MEB41
Prerequisites: MEB131, MEB112
Contact hours: 6 per week
Credit points: 12
Campus: GP
Semester: 2

► MMB251 AERODYNAMIC PRINCIPLES
Indoor 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; simulating aerodynamics for and mechatronics. Fundamental concepts of aircraft performance; estimating range and endurance, take off and landing calculations, flight envelopes.
Courses: EE448
UNIT SYNOPSIS

Contact hours: 4 per week  Credit points: 12  Campus: GP  Semester: 1

► MMB252 FLUID MECHANICS
This unit contains topics of fluid mechanics that may be encountered in biomedical engineering and an introduction to techniques to analyse their behaviour; the properties of the fluids and their applications; the mathematical function; the relevance of fluid properties to the design of associated equipment; continuity of fluid velocity and its conservation in a fluid system; associated equipment; biotology and the function of biological joints.
Courses: ME48  Prerequisites: MMB252  Contact hours: 4 per week  Credit points: 12  Campus: GP  Semester: 2

► MMB362 BIOFLUIDS
This unit provides students with revision in basic knowledge in fluid dynamics: properties of working fluids including equations and tables; heat engines: steam, gas turbines; energy conversion, steam/turbine, gas turbine/noise and pressure/flow/temperature and (b) hands-on experience in measurement techniques and instrumentation.
Courses: MS63  Prerequisites: MMB105, EEB112, EEB220  Contact hours: 4 per week  Credit points: 12  Campus: GP  Semester: 1

► MMB371 MANUFACTURING PROCESSES
This unit provides an understanding of the basic principles, theories, phenomena and application aspects of the various conventional and non-conventional manufacturing processes commonly used in modern manufacturing. The unit is split into two modules Module 1: Machining and Metrology and Module 2: Casting, Forming and Joining. Processes there is an introduction to metrology and the related basic theories, application, economics essential to mechanical and manufacturing engineering.
Courses: ME36, ME41, ME48, ME40  Prerequisites: MMB132, MMB211  Contact hours: 5 per week  Credit points: 12  Campus: GP  Semester: 1

► MMB374 DESIGN FOR MANUFACTURING
1 Topics covered in this unit include: introduction to design for manufacturing in the context of concurrent engineering; principles of solid modelling, its importance in a concurrent engineering environment; the idea of rapid prototyping and tooling; introduction to the basic skills in the use of CAD/CAM software for rapid product development. Basic understanding of creating manufacturing specification.
Courses: ME40  Contact hours: 5 per week  Credit points: 12  Campus: GP  Semester: 2

► MMB381 DESIGN OF MECHANICAL COMPONENTS AND MACHINES
This design unit covers the design of mechanical components and machines. In particular, materials selection in design, fasteners and power screws, riveted, welded and bonded joints, shafts and associated parts, gearing (spur, helical, bevel, helical- bevel, hypoid, and harmonic), couplings and joints, belts and pulleys, chains and sprockets, friction and clutches, mating parts, friction and clutches, mating parts, and the related theories, application aspects of the various conventional and non-conventional manufacturing processes. The unit is split into two modules Module 1: Machining and Metrology and Module 2: Casting, Forming and Joining. Processes there is an introduction to metrology and the related basic theories, application, economics essential to mechanical and manufacturing engineering.
Courses: ME41, ME42, ME48  Prerequisites: MMB281  Contact hours: 6 per week  Credit points: 12  Campus: GP  Semester: 1

► MMB382 DESIGN AND MAINTENANCE OF MACHINERY
This design unit covers design of special equipment (conveyors, cranes, feeding and orienting devices), mechanical structures, heavy machinery and engines, conveyor design process, the equipment design, manufacture exposed to corrosive environmental and extensive heat, fundamentals of friction and wear, design for reliability, machine failure analysis, analysis of failure causes, and application of failure analysis, use of the Anticipatory Failure Determination Method for prediction and analysis of failures. This unit introduces: practical applications of fracture mechanisms to failure analysis, machine condition monitoring, maintenance systems, styling and ergonomics in design, Occupational Health and Safety, the mechanical environment, quality assurance.
Courses: ME41, ME42  Prerequisites: MMB281  Contact hours: 6 per week  Credit points: 12  Campus: GP  Semester: 2

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UNIT SYNOPTES

**MMB391 BIOMECHANICAL ENGINEERING SYSTEMS**

This unit is structured to develop further the engineering design skills of students, with particular emphasis on the role of computer-aided design (CAD) and selection of manufacturing processes, assembly and maintenance in the design and design of bio-engineering de
evelopment of manufacturing processes. The fundamentals of design, engineering drawing and manufacturing materials are assumed. Contents include: design for manufacture, mate-
rials selection, computer-aided design, rapid prototyping, user interfaces, case studies of selected medical de-

Courses: ME48
Prerequisites: MMB281, MMB317
Contact hours: 5 per week
Credit points: 12
Semester: 1, 2

**MMB392 BIOENGINEERING DESIGN 2**

This unit is structured to develop further the engineering design skills of students, with particular emphasis on the role of computer-aided design (CAD) and selection of manufacturing processes, assembly and maintenance in the design and design of bio-engineering de

Courses: ME48
Prerequisites: MMB281, MMB317
Contact hours: 5 per week
Credit points: 12
Semester: 1, 2

**MMB400 INDUSTRY PROJECT**

Professional engineers are required to manage projects and this unit provides a vehicle for stu-
dents 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 an industrial engineering and apply solutions that take into consideration both technological and economic factors. Students are required to present seminars and a final thesis.

Courses: ME48
Credit points: 48
Semester: 1, 2

**MMB409 PROJECT 1/2**

Professional engineers are required to manage projects and this unit provides a vehicle for stu-
dents to undertake a structured, individual project program under supervision. The BE(Mech) 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.

Courses: ME48
Credit points: 48
Semester: 1, 2

**MMB411 ADVANCED AUTOMATIC CONTROL**

Continuous automatic control of mechanical systems is fundamental to the automation of manufacturing and process plant. This subject exposes the students to practical issues of controller design of automatic control systems using the classical control’ theory taught in Mechanics 3.

Courses: MMB411
Contact hours: 4 per week
Credit points: 12
Semester: 1

**MMB412 FINITE ELEMENT ANALYSIS**

Design engineers must be exposed to modern techniques of analysis for design evaluation and optimization. The finite element method provides the means of achieving this goal. Topics covered in this unit include: introduction to the finite element method; introduction to simple models of material and their properties; the Galerkin finite element approximation technique for model differential equations; finite element and their characteristics; their use in aerospace engineering and their relevance in FE analysis. All students will be introduced to a commercial software package and will carry out analysis of engineering structures using the software.

Courses: ME41, ME42
Prerequisites: MMB311
Contact hours: 4 per week
Credit points: 12
Semester: 2

**MMB413 INDUSTRIAL NOISE AND VIBRATIONS**

This unit is structured to further develop the understanding of the role of 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, vibration control and monitoring of rotating machines and dynamos.

Courses: ME41, ME42
Contact hours: 4 per week
Credit points: 12
Semester: 2

**MMB430 ADVANCED MATERIALS**

Topics covered include: materials selection for weight critical applications; aluminium and its alloys, principles of age hardening, aluminium-lithium alloys, issues in processing aluminium; light alloys - magnesium, titanium alloy groups and uses; fibre composite materials - Young's modulus, strength and fracture, fibre composites, design with composites; introduction to thin film deposition - physical and chemical vapour depon-
sion, sol-gel deposition, thin film analysis and microstructure; ceramic structures and processing - classification, processing-structure-property relationships, defects in ceramics, ceramic process-
ning; special topics in the field.

Courses: ME41, ME42
Prerequisites: MMB322
Contact hours: 4 per week
Credit points: 12
Semester: 2

**MMB450 AIR CONDITIONING AND REFRIGERATION**

This unit develops student's ability in applying quantitative techniques in solving different types of industrial operations problems. Topics include: product mix, assignment and transportation models; location and layout decisions, job design analysis; project planning; quality control and the use of simulation in operations management.
UNIT SYNOPSIS

Courses: ME41, ME42
Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 2
► MMB478 MECHATRONICS SYSTEMS DESIGN
This unit provides you with an understanding of design and implementation of hydraulic and pneumatic systems (including graphical symbols, fluid logic and components of fluid systems) with a background to PLC programming, control of manufacturing systems with the emphasis on hands on practice of developing a control system for a given process. Topics include: Mechatronics; PLC programming; power supply; introduction to fluid power and graphical symbols; hydraulic and pneumatic systems; simple circuits; logic symbols and circuits; hydraulic components, fluids, system design, circuits; pressure compensated flow control.

Contact hours: 5 per week Credit points: 12
Campus: GP Semester: 1
► MMB402 HEALTH LEGISLATION AND THE MEDICAL ENVIRONMENT
This unit provides an introduction to the types of legislative control in the health and medical industries. It demonstrates the various ways in which regulations may influence health care professionals in their respective workplace environments 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 controls and codes (EC, TGA, FDA); standards and legal system (ARC, ISO, SIA and Federal); Good Manufacturing Practice (GMP); ISO9000 Quality Systems; Total Quality Management; ethics committees and clearance; industry case studies.

Courses: ME48
Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 2
► MMB494 REHABILITATION EQUIPMENT DESIGN AND EVALUATION
Bioengineers require an understanding of the criteria associated with the needs and design of specific items of equipment for rehabilitation and the functionally impaired. This unit introduces students to many different areas of rehabilitation and the design of equipment to assist people with disabilities.

Courses: ME48
Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 6
► SC01 MODELLING AND SIMULATION FOR MEDICAL ENGINEERS
Computational modelling and simulation are well established in general, and in specific areas of medical engineering. Modelling can describe as the process of determining analytical representations of physical elements for the purpose of investigating kinematics, kinetics 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
Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 2
► NRB100 ENVIRONMENTAL SCIENCE
General features of the aquatic, atmospheric, and terrestrial systems will be described. This will incorporate the main chemical, physical, and biological processes that influence their development. The evolution of these systems, and their interaction, will be considered. The human involvement will also be 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 relationship to natural interaction with them.

Courses: ED50, SC01
Contact hours: 4 per week Credit points: 12
Campus: GP, EA Semester: 1
► NRB230 PLANET EARTH
Focuses on geological principles, formation and classification of rocks and soil, the origin of the Earth and the solar system, stratigraphy, geological time, dating and geological history, fossils, structural geology and plate tectonics, and economic and applied geology.

Courses: ED50, SC01
Contact hours: 4 per week Credit points: 12
Campus: GP, CA Semester: 1
► NRB240 HISTORY OF LIFE ON EARTH
An introduction to the history and development of life on Earth with an emphasis on fundamental biological and geological principles as they have operated through geological time.

Courses: SC01
Contact hours: 4 per week Credit points: 12
Campus: GP
► NRB270 ANIMAL AND PLANT STRUCTURE AND FUNCTION
Emphasises the integration of major biochemical and physiological processes 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 organ function via feedback mechanisms, nervous and/or hormonal systems is outlined.

Courses: ED50, SC01
Contact hours: 4 per week Credit points: 12
Campus: GP, CA Semester: 2
► NRB300 ENVIRONMENTAL MONITORING
Purpose, design and quality control of physical, chemical and biological monitoring programs. Fundamentals of data analysis. Methodologies of monitoring (variables, instruments, sampling strategies including location and frequency of observation, analytical protocols). Some principles of ecological monitoring.

Courses: SC01, ED50
Prerequisites: 72 credit points of science or health units
Contact hours: 4 per week Credit points: 12
Campus: GP, CA Semester: 1
► NRB311 POPULATION ECOLOGY
A broad theoretical background in the major concepts of plant and animal ecology. Topics include: ecology of individuals, dynamics of single populations, life history and demography, interactions within and between populations, population regulation, behavioural ecology and plant ecology.

Courses: ED50, SC01
Prerequisites: NRB100 or LSB118
Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 1
► NRB312 EXPERIMENTAL DESIGN
Emphasises practical considerations of field and laboratory-based experiments in ecology, and provides experience in problem assessment, definition, formulation of testable hypotheses and experimental design.

Courses: SC01
Prerequisites: MAB101
Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 1
► NRB331 SEDIMENTARY GEOLOGY
Types of sediments and their classifications and occurrence; textures; grain size and analysis; and depositional sedimentary environments. The analytical analysis of six successions (by successions) and the approach using sediment type, stratigraphy. Applications considered cover environmental studies, coastal and land management, and mineral, petroleum and other resource assessment.

Courses: SC01
Prerequisites: NRB230 Corequisites: NRB333
Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 1
► NRB333 MINERALOGY
Crystallography, symmetry, Miller indices, axial directions, crystals systems, lattices, unit cell, unit cell crystal chemistry, crystal growth and defects, atomic structure, periodic table, ions and bonding. Particle size and mineral properties, substitution, solid solution, polymorphism, pseudomorphism. Classification of mineral constituents of the physical, chemical and structural properties of minerals; processes of mineral analysis; theory and identification of minerals in transmitted light; optical properties and identification of minerals in thin section.

Courses: ED50, SC01 Prerequisites: LSB118
Contact hours: 4 per week Credit points: 12
UNIT SYNOPSIS

Campus: GP Semester: 2
► NRB411 ECOLOGICAL METHODS
This unit provides students with the skills to determine and measure important ecological parameters and characteristics. These methods are essential for the study of biological populations and communities. Consideration is given to the effects of size, survivorship and other demographic parameters, determination of dispersion patterns, detecting competition, and vegetation classification.

Courses: SC01
Prerequisites: NRB311, NRB312
Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 2
► NRB434 STRUCTURAL GEOLOGY AND FIELD METHODS
Considers the deformation of geological materials. The class includes description and analysis of: joints, faults, folds, boudinage, cleavage, foliations, and lineations. Also examined are principles of deformation: normal and shear stress, brittle fracture, strain and rigid motion, brittle and plastic deformation, measurement of strain, and Mohr diagrams. Practical work includes a series of assignments of increasing complexity, culminating with a course project which includes the interpretation and section construction. Field work consists of 4 trips designed for the construction of geological maps of varied rocks. The week includes a week long trip and preparation of geological reports.

Courses: SC01
Prerequisites: MAB100, NRB230, NRB331
Corequisites: NRB432
Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 2
► NRB435 ORE GENESIS
Focuses on the formation of ore deposits, and provides a basis for the exploration of mineral deposits. The investigation of deposits and ores includes an emphasis on ore minerals, their characteristics and environments of deposition. Ore forming processes are discussed, together with tectonic perspectives, modern ore formation, ore deposit models, and techniques of ore deposits.

Courses: SC01
Prerequisites: NRB430
Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 2
► NRB436 INTRODUCTION TO IGNEOUS PETROLOGY AND GEOGRAPHIC INFORMATION SYSTEMS
An introduction to the description, classification and origin of igneous and metamorphic rocks. Practical development of lithologic and petrographic techniques to identify mineral assemblages, classify rocks, and interpret textures. Field and theoretical constraints on the petrogenesis of rocks are discussed. Field study is an essential component of the unit.

Courses: SC01
Prerequisites: NRB333
Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 2
► NRB437 STRATIGRAPHY AND DEPOSITIONAL ENVIRONMENTS

Courses: SC01
Prerequisites: 72 credit points of science units including PCB140 or PCB142
Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 2
► NRB470 VERTEBRATE BIOLOGY
The core modules for this unit cover evolution and physiological mechanisms (with particular emphasis on the brain). Other modules provide opportunities to enhance your knowledge of particular aspects of vertebrate biology of interest to you, to learn how to identify Australian vertebrates.

Courses: ED50, SC01
Prerequisites: NRB270
Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 2
► NRB500 ENVIRONMENTAL MODELLING
This unit builds the capacity to develop understanding of the interdependent relationships that characterise environmental systems via model building. Models will be developed to study the function of simple environmental processes by adopting a systems approach. This approach will be presented as a foundation for informed environmental management.

Courses: SC01
Prerequisites: NRB400
Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 2
► NRB501 MAPPING AND MODELLING OF NATURAL RESOURCE DATA
An introduction to the concepts, theory and practice of GIS essential to the understanding of spatial data analysis methods in environmental and natural resource related applications. Key elements of GIS examined are: map projections, coordinate systems, geographic data structures, data acquisition, data visualisation, error handling, and environmental decision support. Practical work in a database software and a GIS package to solve spatial analysis problems within a natural resource management context. Critical analysis, problem solving, written communication and time management skills are embedded within the curriculum.

Courses: ED50, SC01
Prerequisites: 72 credit points of Science units
Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 1
► NRB510 POPULATION GENETICS
An extension of genetic analysis and evolution. Topics include: the genetic structure of populations and processes of evolutionary change; natural selection, inbreeding and adaptation, speciation; genetic diversity; population genetics and the genetics of behaviour.

Courses: SC01
Prerequisites: NRB410
Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 1
► NRB511 POPULATION MANAGEMENT
Develops the theoretical treatment of populations as a unit of study and integrates the content of previous ecology units into approaches for the management of biological populations. The unit focuses on those population/resource interactions that are relevant to conservation, harvesting and pest control.

Courses: SC01
Prerequisites: NRB311, NRB411
Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 1
► NRB533 ADVANCED GEOLOGICAL MAPPING
A field excursion of approximately 3 weeks duration, conducted during the semester break. The excursion emphasises geological mapping skills in limestone and structurally varied regions. Past excursions have focussed on the Mt Isa region and have run in collaboration with the University of Queensland. Lectures and tutorials prior to the excursion review and develop mapping and geological interpretation techniques. Students are expected to cover their transport expenses to the field site, as well as accommodation and food costs during the excursion.

Courses: SC01
Prerequisites: NRB431
Corequisites: NRB530, NRB531
Contact hours: 1 per week plus 3 week field trip Credit points: 12
Campus: GP Semester: 1
► NRB534 GEOPHYSICS
Considers the remote measurements of rock properties and relates them to geological problems and tectonic regimes. The physics of various measurements of these rock properties, the acquisition of data, and the interpretation of these various data are all addressed. A significant part of the semester covers seismic reflection data. Also considered are seismic refraction, gravity, magnetics, seismology, electromagnetics, radiometrics, ground penetrating radar, and heat flow.

Courses: SC01
Prerequisites: NRB230, NRB434
Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 1
► NRB535 GEOLOGY OF FOSSIL FUELS
Focuses on: coal properties, classification, genesis, and analysis; coal hand specimen studies and microscopic hydrocarbon generation from coal and oil shale; coalfield geology and subsurface mapping techniques; basin analysis; coal produc- tivity and economics; petroleum reservoirs; formation of hydrocarbon fluids, including generation, accumulation and migration through time and space; structural and stratigraphic traps; reservoir rock characteristics; application of drilling, logging, and geophysical and correlation techniques, including seismic stratigraphy; economics of petroleum products.

Courses: SC01
Corequisites: NRB331
Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 1
► NRB536 PETROLOGY AND GEOCHEMISTRY
Through lecture, discussion and problem solving exercises, this unit introduces the application of geochemistry, phase equilibria, and thermodynamics to understand the origin and evolution of igneous and metamorphic rocks. Problem-solving exercises synthesise field, petrographic and geochemical data to develop quantitative petrogenetic models and enhance critical thinking and written communication skills. Field study is an important component of this unit.

Courses: SC01
Corequisites: NRB346
Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 1
► NRB571 MARINE BIOLOGY
This unit gives a general overview of marine environments and the marine systems and species that live there. The unit aims to stimulate thought, and to generate ideas, by reviewing the range of approaches to marine management, and ecosystems. Emphasis will be given to Australian coastal marine systems: their importance, care, and abuse. The unit will involve a compulsory 3 day field trip to a local coastal ecosystem.

Courses: ED50
Contact hours: 4 per week Credit points: 12
Campus: CA Semester: 1
► NRB572 TERRESTRIAL ECOSYSTEMS
This unit examines the key physical and biological processes that influence the range of terrestrial ecosystems. It examines the physical, climatic and historical processes that have shaped the evolution and ecology of Australia’s terrestrial ecosystems and the ecological properties of natural and human modified systems. Content includes the significant phases in the evolution of the Australian flora and fauna, principal components of biogeographical adaptations of the modern Australian flora and fauna, theories pertinent to explanations of biogeographical distributions, soil formation, biogeographical adaptations and the terrestrial ecosystems, structure and characteristics of terrestrial ecosystems, and terrestrial ecosystem services.

Courses: ED50, SC01
Prerequisites: NRB371 or NRB311
Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 1
Q U T H A N D B O O K 2 0 0 4 • P A G E 5 3 7
UNIT SYNOPSIS

NRB600 ISSUES IN ENVIRONMENTAL MANAGEMENT
This unit explores issues in environmental management, their multi-disciplinary nature and the processes of environmental management decision making. The role of science and ecologically sustainable development in the development of policy for environmental management provides a focus for the unit. Environmental management issues and the associated linkage between these, scientific information and environmental decision-making.

Courses: ED50, SC01
Prerequisites: 12 credit points in Level 3 science units.

Contact hours: 4 per week  Credit points: 12
Campus: GP  Semester: 2

NRB610 ECOLOGICAL APPLICATIONS
This unit integrates the content of other ecological units with the principles involved in the management of populations and systems. The unit employs concepts from Population Ecology, Population Management and Conservation Biology and builds methodologies and concepts necessary for an applied approach to conservation and pest management. A field trip provides the vehicle for developing these themes. Content includes: collection, collation and preparation of biological resource material relevant to a case study, diagnostic features and identification of species of relevance, factors involved in the design of a large-scale field study, field techniques necessary for understanding species/habitat interactions and the analysis and interpretation of large field data sets.

Courses: SC01
Prerequisites: NRB511 or NRB510
Contact hours: 4 per week  Credit points: 12
Campus: GP  Semester: 2

NRB611 CONSERVATION BIOLOGY
Conservation Biology is the application of ecological theory and principles to the problem of the maintenance of viable populations of rare, threatened or endangered species, or ecological systems. The unit integrates ecological and genetic material covered in earlier units to provide an understanding of factors that enable the maintenance of populations. The unit examines biodiversity and its determinants, the process of extinction, population viability analysis and the concept of environmental sustainability. It identifies important declines, habitat fragmentation, metapopulation processes and the design of natural reserves, and conservation genetics.

Courses: SC01
Prerequisites: NRB311, NRB410
Contact hours: 4 per week  Credit points: 12
Campus: GP  Semester: 2

NRB633 HYDROGEOLOGY
Main focus on: the origin, occurrence and movement of groundwater; aquifer properties; chemistry and quality of groundwater; exploration and water resources, and field testing; well testing; chemical analysis of water; and assessment of groundwater problems - both supply and quality; and methods of groundwater assessment. Students will obtain practical experience with pump tests, chemical analysis of waters and will be given introduction to computer modelling. This unit will be of interest to government and private sector hydrogeologists, and field site visits.

Courses: SC01
Prerequisites: NRB232
Contact hours: 4 per week  Credit points: 12
Campus: GP  Semester: 2

NRB635 PLATE TECTONICS AND ADVANCED STRUCTURAL GEOLOGY
This unit explores the structure and function of marine and freshwater ecosystems. Aquatic ecosystem cover the majority of the planet and their management is important in terms of maintaining water quality for human utilisation, harvesting resources, and for species conservation. The unit emphasises the physical and ecological properties that are common to all aquatic systems, but also identifies those properties that are unique to particular systems. Content will cover aquatic ecosystems, their different forms and extent, the chemical and physical properties of aquatic environments, circulation and transport processes, the structure and characteristics of the different aquatic environments and human impact and management of aquatic ecosystems.

Courses: ED50, SC01
Prerequisites: NRB311
Contact hours: 4 per week  Credit points: 12
Campus: GP  Semester: 2

NRB720-1 PROJECT
A substantial project in the inappropriate area of science undertaken in conjunction with a supervisor and through interaction with lecturing and technical staff of the School of Natural Resource Sciences. The unit provides the opportunity for students to identify and solve scientific problems logically and creatively. Students are required to relate the project research to published work in the field of study. Each project is assessed on the basis of an extensive written report and a formal seminar or scientific poster.

Courses: SC60
Credit points: 60  Semester: 1, 2

NRB720-2 PROJECT
Courses: SC60
Credit points: 60  Semester: 1, 2
Campus: GP

NRB720-3 PROJECT
Courses: SC60
Credit points: 60  Semester: 1, 2
Campus: GP

NRB720-4 PROJECT
Courses: SC60
Credit points: 60  Semester: 1, 2
Campus: GP

NRB720-5 PROJECT
Courses: SC60
Credit points: 60  Semester: 1, 2
Campus: GP

NRB730-1 RESEARCH METHODS AND STRATEGIES
This unit is designed to provide a basis for both postgraduate students and professionals. Students will learn the fundamentals of research methodology, and be able to critically evaluate research studies.

Courses: SC60
Credit points: 24  Semester: 1, 2
Campus: GP

NRB730-2 RESEARCH METHODS AND STRATEGIES
This unit is designed to provide a basis for both postgraduate students and professionals. Students will learn the fundamentals of research methodology, and be able to critically evaluate research studies.

Courses: GP
Credit points: 24  Semester: 1, 2

NRB735 ADVANCED STUDIES IN RESOURCE SCIENCES
This unit is designed to provide a basis for both postgraduate students and professionals. Students will learn the fundamentals of research methodology, and be able to critically evaluate research studies.

Courses: IF49, SC71, SC80
Credit points: 12  Semester: 1, 2
Campus: GP

NRN100 READINGS IN NATURAL RESOURCE SCIENCES
A companion unit to NRN100 that allows students to (a) prepare a review of a second area relevant to the research project or (b) consider a wider subject area in greater depth. If option (b) is chosen, a single review can qualify as total assessment for both NRN100 and NRN101. In this case, the review should normally be approximately 10,000 words and be a critical analysis of a substantial research area.

Courses: IF49, SC71, SC80
Corequisites: NRN100
Credit points: 12  Semester: 1, 2
Campus: GP

NRN102 SEMINARS IN NATURAL RESOURCE SCIENCES
A seminar unit to provide an opportunity for students to present their research to their peers. Students will write a seminar report and present their research to the class.

Courses: IF49, SC71, SC80
Credit points: 12  Semester: 1, 2
Campus: GP

NRN103 SEMINARS IN NATURAL RESOURCE SCIENCES
A seminar unit to provide an opportunity for students to present their research to their peers. Students will write a seminar report and present their research to the class.

Courses: IF49, SC71, SC80
Credit points: 12  Semester: 1, 2
Campus: GP

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UNIT SYMPOSIES

► 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 project. The structure and content of the unit is variable and can be tailored to the specific requirements of each project and the background of the individual student. The outline of the unit will include objectives, content and assessment relevant to the individual course of study. Each project will develop by the student and approved by the Head of School. The student will conduct active participation in tutorials, workshops, laboratory/field techniques and components of advanced level undergraduate units. If components of advanced level undergraduate units are included, they should not exceed 70% of the total assessment.

Courses: IF49, SC71, SC80
Credit points: 12
Campus: GP Semester: 1, 2

► NRN105 ADVANCED TOPICS IN NATURAL RESOURCE SCIENCES 2
Material presented in this unit must be distinct from that covered in NRN104. Students develop an advanced understanding of a topic in the natural resource sciences that is highly relevant to the area of their proposed research project. A formal outline of the unit outlining objectives, content and assessment relevant to the individual course of study will be developed by the supervisor and approved by the Head of School. Content may include active participation in tutorials, workshops and laboratory techniques and components of advanced level undergraduate units. If components of advanced level undergraduate units are included, they should not exceed 70% of the total assessment.

Courses: IF49, SC71, SC80
Credit points: 12
Campus: GP Semester: 1, 2

► NSB113 VALUES, CULTURE AND DIVERSITY
This unit will introduce students to the interrelationships between philosophical principles, cultural values, health behaviours and nursing. It will encourage students to consider their own values and the way in which these may impact on their interactions with patients/clients and will present a model for developing cultural safety within their nursing practice. A number of examples from contemporary Australian society will be drawn upon to enable students to understand health events and practices such as birth, health, illness, nutrition and communication from a range of perspectives.

Courses: NS40, NS45
Contact hours: 3 per week Credit points: 12
Campus: KG Semester: 1

► NSB117 NURSING AND THE HEALTH CARE SYSTEM
The evolution of nursing as a discipline, contemporary roles of the nurse, the professional context of nursing practice, and caring and nursing practice are addressed in this unit. Content also includes health and wellness, the health-illness continuum, models of health and illness, and the structure and function of the Australian health care system including characteristics of Australia’s health care system.

Courses: NS40, NS45
Contact hours: 3 per week Credit points: 12
Campus: KG Semester: 1

► NSB118 HEALTH ASSESSMENT AND NURSING PRACTICE
This unit provides an introduction to critical thinking, problem solving and decision making in reported research project. The structure and content of the unit will include 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 participation in tutorials, workshops, laboratory/field techniques and components of advanced level undergraduate units. If components of advanced level undergraduate units are included, they should not exceed 70% of the total assessment.

Courses: IF49, SC71, SC80
Credit points: 12
Campus: GP Semester: 1, 2

► NSB122 CLINICAL PRACTICE 1
This is the first in five clinical practice units that provide the opportunity to experience the practice of nursing in real world settings and to develop the knowledge, attitudes and skills required for safe, competent practice as a beginning level registered nurse. This unit focuses on providing basic care to patients in hospital considering the Ottawa Charter to provide an opportunity for students to develop knowledge and skills in the broadest context of health.

Courses: NS40, NS45, HL40, HL46
Credit points: 12
Campus: KG Semester: 1

► NSB212 CLINICAL PRACTICE 2
This is the second in the five clinical practice units that provide the opportunity to experience the practice of nursing in real world settings and to develop the knowledge, attitudes and skills required for safe, competent practice as a beginning level registered nurse. The main areas of content in this unit are: promoting a safe environment for client care, managing complex patient care needs, and developing a professional approach to practice. Concepts addressed include: sterile techniques, barrier/reverse barrier nursing, principles of wound management, administration of parenteral medications; problem solving and decision making principles applied to the care of patients requiring medical-surgical and mental health dysfunctions.

Courses: NS40, NS45, HL40, HL46
Prerequisites: NSB122
Credit points: 12
Campus: KG Semester: 1

► NSB222 CLINICAL PRACTICE 3
This is the third in the five clinical practice units that provide the opportunity to experience the practice of nursing in real world settings. There are three main areas of content in this unit: promoting a safe environment for client care, managing complex patient care needs, and developing a professional approach to practice. Particular concepts addressed include: complex wound management, clinical nursing therapeutics related to the administration of blood and blood products, management of colocolctal and urinary diversionary procedures, urinary catheterisation, ostomy management, prioritisation of patient care and time management.

Courses: NS40, NS45, HL40, HL46
Prerequisites: NSB212
Credit points: 12
Campus: KG Semester: 2

► NSB223 MENTAL HEALTH NURSING
Nurses need to be able to identify and care for people suffering from mental health problems. This unit addresses topics from the mental health continuum and major theoretical approaches to mental illness; understanding and nursing people across the life span who suffer from anxiety disorders, personality disorders, bipolar disorder, depression, schizophrenia, substance use and abuse, cognitive impairment disorders, eating disorders; the nurse’s role with respect to treatment modalities and assessing mental status; and the experiences of persons living with a mental illness and families caring for someone with a mental illness.

Courses: NS40, NS45, HL40, HL46
Contact hours: 3 per week for 9 weeks
Credit points: 12
Campus: KG Semester: 1

► NSB224 RESEARCH APPROACHES IN NURSING
This unit provides an introduction and overview of research in nursing. It covers the purpose of research, the relationship between research and nursing practice and research knowledge in the context of evidence, the process of research, ethical issues related to research and strategies for critiquing research. Concepts addressed in this unit will be placed on selected methodologies that are used to research nursing practice, and quantitative and qualitative data collection and data analysis.

Courses: NS40, NS45, HL40, HL46
Contact hours: 3 per week Credit points: 12
Campus: KG Semester: 1

► NSB225 PROMOTING HEALTH ACROSS THE LIFESPAN
Concepts developed in this unit include the exploration of health and wellbeing for individuals throughout the lifespan, families and communities; nursing roles and health promotion; factors that influence health beliefs and behaviours, and the capacity to maintain health; principles of nursing working with individuals and groups to promote health; the role of the nurse in promoting health with people of all ages (children, adolescents, adults and the elderly), families and people and groups setting health and well being for dying clients and their families.

Courses: NS40, NS45, HL40, HL46
Contact hours: 3 per week Credit points: 12
Campus: KG Semester: 2

► NSB312 FAMILY AND COMMUNITY NURSING
Community and family nursing practice interfaces with care provided to individuals in hospital care. Families are an integral component of care in all contexts and so nurses need to focus care with individuals, the family and the community. The unit focuses on family assessment and health promotion. Community assessment and intervention is also studied in the context of a Primary Health Care philosophy and health promotion concepts. The Ottawa Charter will be addressed through a combination of self-directed learning activities and small group discussion sessions.

Courses: NS40, NS45, HL40, HL46
Prerequisites: NSB501
Contact hours: 3 per week Credit points: 12
Campus: KG, EXT Semester: 2

► NSB321 PROFESSIONAL NURSING DEVELOPMENT
Highlights the explicit link between clinical practice and theoretical knowledge. Post-registration and final semester professional development students will be assisted to further develop skills in reflective practice and peer consultation as strategies to support a more critical approach to clinical practice. A variety of topics will be addressed through a combination of self-directed learning activities and small group discussion sessions.

Courses: NS40, NS45, HL40, HL46
Prerequisites: NSB501
Contact hours: 3 per week Credit points: 12
Campus: KG, EXT Semester: 2

► NSB322 CLINICAL PRACTICE 4
This is the fourth in the five clinical practice units that provide the opportunity to experience the practice of nursing in real world settings. Concepts addressed in this unit will be placed on selected methodologies that are used to develop the knowledge, attitudes and skills required for safe, competent practice as a beginning level registered nurse. The Ottawa Charter to provide an opportunity for students to develop knowledge and skills in the broadest context of health.

Courses: NS40, NS45, HL40, HL46
Contact hours: 3 per week for 9 weeks
Credit points: 12
Campus: KG Semester: 1

► NSB324 MEDICAL-SURGICAL NURSING
The unit explores nursing assessment, care planning and care evaluation necessary for the provision of sound, safe nursing care for people in hospital and home-based settings with health problems related to medical-surgical nursing knowledge; musculoskeletal dysfunctions, and infectious and immune related disorders. Issues addressed will include advanced level. Emphasis is placed on students’ communication skills, critical thinking and decision-making skills, technical skills and professional development skills and the assumption of increased responsibility for patient care.

Courses: NS40, NS45, HL40, HL46
Prerequisites: NSB222
Credit points: 12
Campus: KG Semester: 1

► NSB325 MEDICAL-SURGICAL NURSING 1
This unit explores nursing assessment, care planning and care evaluation necessary for the provision of sound, safe nursing care for people in hospital and home-based settings with health problems related to medical-surgical nursing knowledge; musculoskeletal dysfunctions, and infectious and immune related disorders. Issues addressed will include advanced level. Emphasis is placed on students’ communication skills, critical thinking and decision-making skills, technical skills and professional development skills and the assumption of increased responsibility for patient care.

Courses: NS40, NS45, HL40, HL46
Prerequisites: NSB501
Contact hours: 3 per week Credit points: 12
Campus: KG, EXT Semester: 2

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NSB333 CLINICAL PRACTICE 5
This final clinical unit is designed to enable a consolidation of knowledge and skills necessary for the provision of safe, effective patient care in preparation for a successful transition to beginning professional nursing. The unit includes eight weeks off-campus placement. Emphasis is placed on student’s proficiency in clinical skills, particularly their communication skills, critical thinking and decision making, problem-solving skills, technical skills, reflective skills, care management skills and an understanding of professional attributes and values.
Courses: NS40, NS45, HL40, HL46
Prerequisites: NSB322
Contact hours: Includes 8 weeks off-campus clinical experience
Credit points: 24
Semester: 2

NSB421 INDEPENDENT STUDY
This unit provides students the opportunity to independently explore a body of literature and/or research relevant to an area of interest in nursing. The unit enables students to extend their knowledge and understanding of a topic that is not specifically addressed elsewhere in the course. The content, in this unit, is on the development of independent research, study and analytical skills. These skills are demonstrated first, in an assignment, on the analysis of discourses, and clearly formulated written argument and second, in an oral presentation and discussion of the study material.
Courses: NS40
Contact hours: 3 per week Credit points: 12
Semester: 2

NSB423 MEDICAL-SURGICAL NURSING 2
The content of this unit will cover nursing assessment, care planning and care evaluation related to pathophysiological, safe nursing care for people in a variety of settings with acute and/or long term health concerns and issues related to the gastrointestinal, endocrine, genito-urinary and intergenerational dysfunctions. Issues addressed will include diabetes mellitus, renal failure, inflammatory bowel disorders, burns and wound management.
Courses: NS40, NS45, HL40, HL46
Prerequisites: NSB324, NSB118
Contact hours: 3 per week Credit points: 12
Semester: 2

NSB424 NURSING THERAPEUTICS
Nurses have a central role in assessing individuals, families and/or groups of people to make informed decisions about their care, supporting them through stressful and traumatic experiences and facilitating them to effectively manage health problems. The unit aims to optimise recovery, rehabilitation and/or habilitation. The unit focuses on the development of knowledge, skills and personal attributes that are fundamental to establishing and maintaining therapeutic relationships, educating clients about health care matters, counselling patients and families to promote health and well-being.
Courses: NS40, NS45, HL46
Contact hours: 3 per week Credit points: 12
Semester: 2

NSB500 MEDICAL-SURGICAL NURSING 3
The content of this unit will address nursing assessment, care planning and care evaluation necessary to provide sound, safe nursing care for people in a variety of settings with complex acute and/or long term health concerns and issues related to the gastrointestinal, endocrine, genito-urinary and intergenerational dysfunctions. Particular emphasis will be placed on life threatening illnesses and the prevention and management of related clinical skills. The unit is designed to provide a sound basis for nursing practice in the area of community child and youth health. Students will examine community issues related 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 relation to primary and secondary prevention, in supporting families in the community and in health education and community development.
Courses: NS35, NS64, NS85
Prerequisites: NSN005
Contact hours: 3 per week Credit points: 12
Semester: 2

NSB501 TECHNOLOGIES, POLITICAL AND PRACTICE POLICY
This unit provides an opportunity for students to develop and extend their knowledge about issues that directly inform the role of the health care practitioner. The unit is thematically oriented by its political nature and the unit content addresses key processes and factors that are impacting on changing nursing practice and health care provision. The unit is designed to encourage critical thinking and provide a conceptual framework for understanding the political context in which nurses/other health professionals work.
Courses: NS40, NS45, HL40, HL46
Contact hours: 3 per week Credit points: 12
Semester: 1

NSB502 INTRODUCTION TO NURSING CHILDREN AND CHILDBEARING FAMILIES
This unit provides an overview of the theoretical concepts and clinical application principles for practice in the areas in providing nursing and midwifery care for children and childbearing families. The emphasis is upon the childbearing process and the developmental stages of childhood and family dynamics. This is viewed as a normal process of growth and development, which will be affected by social, economic, legal and cultural factors. The focus will be on the promotion and maintenance of health.
Courses: NS40, NS45, HL40, HL46
Prerequisites: All 1st and 2nd year NS40 units
Contact hours: 3 per week Credit points: 12
Semester: 2

NSB503 PAIN MANAGEMENT AND CONTEMPORARY NURSING PRACTICE
Making decisions about patient’s pain and its management is a key component of nursing practice across a wide variety of patient groups and clinical settings. This unit examines the concept of pain and its management, and the role of the nurse’s role in relation to pain relief. It builds on introductory concepts that have been addressed earlier in the program through more detailed exploration of, and reflection upon selected concepts.
Courses: NS40, HL40
Prerequisites: NSB500
Contact hours: 3 per week Credit points: 12
Semester: 2

NSB504 INTRODUCTION TO CARdiothoracic NURSING
Cardiovascular disorders are commonly encountered by nurses practising in a variety of clinical settings. This unit provides an overview of cardiothoracic nursing and encompasses theoretical concepts specifically as well as related clinical skills. It builds on introductory concepts that have been addressed earlier in the program through more detailed exploration of, and reflection upon selected concepts.
Courses: NS40, HL40
Prerequisites: NSB500
Contact hours: 3 per week Credit points: 12
Semester: 2

NSB505 INTRODUCTION TO DEMENTIA AND FAMILY CARE
The growing challenges of caring for increasing numbers of older people experiencing dementia is well documented. Through a focus on Alzheimer’s Disease this unit will assist you to respond to the challenges of caring for older people with dementia, and their families, in a community health context.
Courses: NS40, HL40
Contact hours: 3 per week Credit points: 12
Semester: 2

NSB506 INTRODUCTION TO A TECHNOLOGICAL WORLD
Technology is of extraordinary importance to nursing and is significant to understanding and practicing within contemporary health care contexts. Nurses are responsible for an increasingly technologically oriented health care system dominated by administrative and bureaucratic structures. This unit is designed to establish insight into the link between technology, clinical practice and nursing knowledge, highlight the learning opportunities available in the changing technology, and model a process of ongoing professional development. The unit seeks to relate nursing practice to knowledge development and critical thinking, the experience of patients and nurses, and the development of a professional and informed understanding of technology.
Courses: NS40, HL40
Contact hours: 3 per week Credit points: 12
Semester: 2

NSB507 ISSUES IN CHILD AND YOUTH HEALTH NURSING
This unit addresses contemporary issues in child and youth health, to provide the basis for further study in this field. A Pre-Health Care framework will be used to consider issues that impact on the health of children and young people. In addition key policy frameworks will provide direction for study in the unit. The unit will consider the impact of social determinants on child, youth and family health and examine current strategies to address such impacts. Students will have the opportunity to examine local programs and strategies aimed at improving health outcomes for children and young people.
Courses: NS35, NS64, NS85
Contact hours: 3 per week Credit points: 12
Semester: 1

NSN003 PRINCIPLES OF PAEDIATRIC, CHILD AND YOUTH HEALTH NURSING
Students in this unit are introduced to issues surrounding the care of children and families in the acute and community service environment. The unit presents an overview of the contemporary health problems faced by the Australian child and family and explores nursing interventions that enhance adaptation and health.
Courses: NS35, NS64, NS85
Contact hours: 3 per week Credit points: 12
Semester: 2

NSN004 ACUTE PAEDIATRIC NURSING
This unit is designed to provide registered nurses with enhanced knowledge and skills to enable them to provide safe and competent care to children experiencing acute paediatric illness. This unit will focus on acute health problems in children, employing clinical assessment, problem solving and critical thinking skills. Following completion of this unit the registered nurse will be able to demonstrate knowledge and skills in the nursing management of acute and chronic health problems within paediatric clinical practice.
Courses: NS35, NS64, NS85
Prerequisites: NSN003
Contact hours: 3 per week Credit points: 12
Semester: 2

NSN005 COMMUNITY CHILD AND YOUTH HEALTH NURSING
This unit is designed to provide a sound basis for nursing practice in the area of community child and youth health. Students will examine community issues relating to their professional role in caring for children, youth and families within the community context. The unit adopts a primary health care approach to examine the nurses’ role in primary and secondary prevention, in supporting families in the community and in health education and community development.
Courses: NS35, NS64, NS85
Prerequisites: NSN003
Contact hours: 3 per week Credit points: 12
Semester: 2

NSN006 SPECIALISATION IN PEDIATRIC, CHILD AND YOUTH HEALTH NURSING
This unit will provide students with clinical knowledge and understanding in a selected area of paediatric or child and youth health subspecialty. The unit is based on a learning contract that will include both theoretical and clinical learning opportunities available in the changing technology, and model a process of ongoing professional development. The unit seeks to relate nursing practice to knowledge development and critical thinking, the experience of patients and nurses, and the development of a professional and informed understanding of technology.
Courses: NS35, NS64, NS85
Prerequisites: NSN003, NSN002
Credit points: 12
UNIT SYNOPSIS

Campus: KG, EXT Semester: 2
► NSN311 CLINICAL STUDIES IN HEALTH CARE
This unit provides the opportunity for students to develop the clinical knowledge and skills in the areas of antenatal, postnatal assessment and care and the role of the midwife to the assessment and care for the birthing woman. The focus in this unit is on midwifery practice in the area of uncomplicated pregnancy and birth. Clinical activities and focused assessment will enable the student to incorporate theoretical, conceptual and practical knowledge, attitudes and skills required to care for the childbearing woman, her infant and family.
Courses: NS68, NS85 Corequisites: NS321
Contact hours: 3 per week Credit points: 12
► NSN321 FOUNDATIONS OF MIDWIFERY PRACTICE
This unit provides a foundation in the theoretical concepts and clinically applied principles for practice as a midwife. Emphasis is placed on the childbearing process as a non-pathological process, during which the midwife, in collaboration with the woman, her infant and family, will include an understanding of physical and mental health needs, determinants of health, factors as well as societal influences.
Courses: NS68, NS85
Contact hours: 3 per week Credit points: 12
► NSN322 COMPLEX ISSUES FOR MOTHERS AND FAMILIES
This unit provides students with an opportunity to develop further and expand on the theoretical knowledge and skills gained in Foundation of Midwifery Practice and Clinical Studies in Midwifery A. The unit requires application of the principles and practices acquired in the prerequisite unit. While childbearing is assumed to be a normal non-pathological process, and inherently safe, it is acknowledged that specialised practitioners must be able to recognise and act on changing events. These changes reflect complications of deviations from the normal.
Courses: NS68, NS85
Prerequisites: NSN321, NSN311
Contact hours: 3 per week Credit points: 12
► NSN323 CLINICAL STUDIES IN MIDWIFERY B
This unit provides the opportunity for students to consolidate the professional knowledge and skills with clinical influence acquired in other units. Students will be facilitated to incorporate theoretical, conceptual and practical knowledge, attitudes and skills required to care for the childbearing woman, her infant and family.
Courses: NS68, NS85
Prerequisites: NSN321, NSN311
Contact hours: 3 per week Credit points: 12
► NSN502 CRITICAL INQUIRY IN HEALTH CARE
Over the past few decades nursing has begun to research and debate many issues pertinent to nursing, and to look critically at nursing as both a research and a practice discipline and a debate many issues pertinent to nursing practice.
This unit allows students to explore knowledge 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 in information retrieval, critical analysis and writing for publication.
Courses: NS64, NS85 Credit points: 12
► NSN507 CONTEMPORARY PRACTICE ISSUES
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-directed approach to practice. Learning strategies that would enable the practitioner to facilitate change with respect to their specialty area of practice.
Courses: NS64, NS85 Credit points: 12
► NSN626 DEMENTIA AND FAMILY CARE
This unit aims to support aged care practitioners to respond to the challenges of caring for older people with Alzheimer’s disease and their families in a community hospital setting. The 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 person with Alzheimer’s disease is being cared for at home.
Courses: NS34, NS39, NS64, NS85 Contact hours: 3 per week Credit points: 12
► NSN701 ADVANCED HEALTH ASSESSMENT
The 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 needs of families and their environment to provide nursing care within the context of specialist practice.
Courses: NS30, NS31, NS33, NS36, NS64, NS85 Contact hours: 3 per week Credit points: 12
► NSN721 KEY ISSUES IN EMERGENCY AND INTENSIVE CARE NURSING
This clinical unit aims to develop knowledge and skills that enable nurses to understand a client’s needs, determine appropriate interventions, predict and manage complications, and develop specific plans of care for critically ill individuals and their families, based on these plans of care to their unique needs and personal context. This will include practice concepts; physiological, pathophysiological and psychosocial understandings of intensive care and emergency practice; planning of appropriate strategies/interventions for client care; and development of selected technical skills.
Courses: NS30, NS41, NS64, NS85 Contact hours: 3 per week Credit points: 12
► NSN722 PRINCIPLES OF INTENSIVE CARE NURSING
Registered nurses working in Intensive Care require the ability to care for patients who are increasingly critically ill in an environment that evidences increasingly complex technology. Nurses working in this field require an advanced level of knowledge of evidence based principles and practices appropriate to prevent and manage these health problems, as well as skills in the implementation and evaluation of advanced clinical strategies, in the context of a multidisciplinary team. Fundamental to competence in this area is the integration of knowledge and skills in the areas of respiratory pathologies, end organ replacement, transplant, endocrine, liver and neurological disorders, sepsis and multi-organ failure.
Courses: NS30, NS64, NS85

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Prerequisites: NSN701, NSN721
Contact hours: 3 per week  Credit points: 12
Semester: 1, 2
Campus: KG, EXT

► NSN723 SPECIALISATION IN CRITICAL CARE NURSING
This unit will provide the opportunity for students to develop further and consolidate prior learning in a critical clinical setting of their choice. Students will expand on their theoretical, professional and practical knowledge of health and illness, their assessment and management of patients, and provide assessment nursing care in a particular critical care nursing environment.
Specific areas of study may include intensive care, coronary care, oncology and trauma. Students are required to access the clinical practice environment in order to develop a comprehensive approach to client care in critical care. This unit also highlights the significance of flexible work arrangements in the provision of critical care nursing services.
Courses: NS30, NS31, NS33, NS41, NS64, NS85
Contact hours: 3 per week  Credit points: 12
Semester: 1
Campus: KG, EXT

► NSN724 ADVANCED NURSING PRACTICE
This unit is designed to present a foundation of theoretical and practice concepts required for registered nurses to provide effective, consumer focused nursing care within a variety of clinical contexts in a range of practice settings. The unit provides a framework from which students can develop an understanding of the interrelatedness of selected health problems on individuals, families, and communities. This will include practice concepts and evidence based practice, competencies and criteria of care; physiologial, pathophysiological and psychosocial underpinnings of advanced specialty or generalist nursing care, and the appropriate strategies, interventions and nursing processes for client care; and development of selected technical skills.
Courses: NS11, NS33, NS64, NS85
Credit points: 12
Semester: 2
Campus: KG, EXT

► NSN725 SPECIALISATION IN MEDICAL, SURGICAL AND CANCER NURSING
This clinically based unit will provide the opportunity for students to further develop and consolidate prior learning in a clinical setting of their choice. This unit will enable students to discuss and evaluate the impact of chronic conditions on longer term health care needs of older people. Theoretical knowledge of biophysical and psychosocial aspects of ageing will be applied to the assessment of client problems, and strategies for the development of competence in the area of aged care health assessment. The course has been specifically designed to complement health assessment units which meet the workplace needs in a variety of practice contexts - community and residential aged care.
Courses: NS41, NS64, NS85
Contact hours: 3 per week  Credit points: 12
Semester: 1
Campus: KG, EXT

► NSN821 KEY ISSUES IN AGED CARE
This unit uses a primary health care approach to examine health care issues relevant to the pursuit of health and health care delivery. The goal of this unit is to enable students to understand the complex and diverse nature of health care delivery across a range of sectors. Learning activities are designed to enable students to apply their knowledge of health and aged care delivery to the development of client centred health care solutions. Central to this process is the development of the capacity to critically evaluate and develop client-centred health care solutions.
Courses: NS39, NS64, NS85
Contact hours: 3 per week  Credit points: 12
Semester: 1
Campus: KG, EXT

► NSN822 PRINCIPLES OF AGED CARE PRACTICE
This unit examines aspects of pathophysiological ageing with a consideration of the wider social and policy implications of these morbidity and mortality. This unit is designed to examine the physiological, psychological and social implications of these morbidities and associated practice interventions in caring for older people experiencing ill-health. Particular emphasis will be placed upon understanding the pharmacological implications of osteoarthritis and osteoarthritis; fracture; chronic obstructive airways disease; congestive cardiac failure; confusion; delirium; depression; dementia and Alzheimer’s Disease. The number of practice interventions associated with pathological ageing will be examined, and dying is examined with particular focus upon palliative care, advanced directives, resuscitation and euthanasia.
Courses: NS39, NS64, NS85
Contact hours: 3 per week  Credit points: 12
Semester: 2
Campus: KG, EXT

► NSN825 THESIS (PART-TIME)
This unit provides the student with the opportunity to formally extend and synthesise knowledge gained in earlier semesters of the course. The thesis is an individual piece of research in the student’s specific area of interest in nursing, and is completed under the guidance of a supervisor.
Courses: NS85
Contact hours: 2 per week  Credit points: 48
Contact hours: 1 per week  Credit points: 1
Semester: 1, 2
Campus: KG, EXT

► NSN850 THESIS (FULL-TIME)
This unit provides the student with the opportunity to formally extend and synthesise knowledge gained in earlier semesters of the course. The thesis is an individual piece of research in the student’s specific area of interest in nursing, and is completed under the guidance of a supervisor.
Courses: NS85
Contact hours: 2 per week  Credit points: 48
Contact hours: 1 per week  Credit points: 1
Semester: 1, 2
Campus: KG, EXT

► NSN901 MENTAL HEALTH ASSESSMENT
This unit covers the principles of mental status examination, psychological testing and social assessment. It also considers the implications of various observational methods and diagnostic interviewing techniques on clinical judgement and decision making. On completion of the unit, students should be able to competently administer a set of systematic assessment procedures designed to detect a client’s particular problem area(s) of psychosexual functioning; record and interpret assessment data in the standard form of a written appraisal; apply knowledge of traditional and contemporary theory in test selection, administration and result interpretation and recommendations.
Courses: NS64, NS85
Contact hours: 3 per week  Credit points: 12
Semester: 2
Campus: KG

► NSN921 KEY ISSUES IN MENTAL HEALTH NURSING
This unit considers Mental Health Assessment by providing students with the opportunity to apply assessment skills in an acute mental health nursing practice environment. The unit consists of two components - one theoretical and one clinical. The theoretical component concentrates on two major clinical treatment modalities in the management of mental illness, namely psychopharmacology and therapeutic interventions based on a process theory. The traditional medical model will be utilised as a means of explaining abnormal or major maladaptive behaviour patterns. The unit will take place at an acute in-patient facility which has a primary focus on mental health.
Courses: NS64, NS85  Corequisites: NSN901
Contact hours: 3 per week  Credit points: 12
Semester: 2
Campus: KG

► NSN922 COMMUNITY PERSPECTIVES IN MENTAL HEALTH NURSING
This stream of mental health concepts and provision of community based programs by multidisciplinary mental health teams continues to increase in Australia. An important aim of this unit therefore is to encourage students to understand the political, social and economic changes that are occurring in the delivery of mental health care. Additionally, such expansion of community mental health services demands that nurses develop new and different skills for working with the mentally ill, their carers or family. Critical among these skills is the ability to assist in the development of consumer and carer centred services and outcomes.
Courses: NS64, NS85
Contact hours: 3 per week  Credit points: 12
Semester: 2
Campus: KG

► NSN929 CLINICAL INTERVENTION MODALITIES 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 into existing abilities and providing participants with an opportunity to improve their knowledge of the theoretical bases of a variety of counselling approaches.
Courses: NS64, NS85
Contact hours: 3 per week  Credit points: 12
Semester: 2
Campus: KG

► OPB350 OPTOMETRY 2
This subject covers the fundamental areas of ophthalmic optics, and optometry within the context of health care in Australia. It provides a basic understanding of the concepts of ophthalmic optics together with professional development, ethical responsibilities and the role of optometry.
Courses: OP42
Prerequisites: MA8140 Corequisites: PCB240
Credit points: 12
Semester: 2
Campus: KG

► OPB350 OPTOMETRY 3
Ophthalmic optics is continued with the study of neutralisation, spectacle lens design and prescri- ption. The student will be introduced to the practical aspects of keratometry, optometry, ophthalmoscopy and retinoscopy are also studied.
Courses: OP42
Prerequisites: PCB240, OPB250
Corequisites: PCB340, OPB351
Credit points: 12
Semester: 1
Campus: KG

► OPB351 VISUAL SCIENCE 3
A study of the basic visual sciences that underpins the practice of optometry. It covers the op-
tics of the eye, including its basic design, dimensions and retinal quality as well as the psycho-physiology of vision.

Courses: OP42
Prerequisites: LSB250, PCBR240
Contact hours: 5 per week Credit points: 12
Campus: KG Semester: 1

► OPB552 OCULAR ANATOMY AND PHYSIOLOGY 3

The unit provides information on the ocular anatomy and physiology that underlies the functional measurements made in optometry and their interpretation. It includes the structure and function of the anterior eye and orbit.

Courses: OP42
Prerequisites: LSB250, LSB275
Corequisites: OPB351
Contact hours: 5 per week Credit points: 12
Campus: KG Semester: 1

► OPB450 OPTOMETRY 4

This is a continuation of studies in OPB350, and introduces the theory and practice of clinical techniques used in the examination of the patient and assessing visual functions. The subject is also the initial introduction to the care of patients in the Optometry Clinic.

Courses: OP42
Prerequisites: OPB350, OPB351, OPB352
Corequisites: OPB451, OPB452
Contact hours: 5 per week Credit points: 12
Campus: KG Semester: 2

► OPB451 VISUAL SCIENCE 4

This subject continues studies commenced in OPB351, and provides students with an understanding of spatial, temporal, colour and binocular vision, and their influence on visual performance.

Courses: OP42
Prerequisites: OPB351, OPB352, OPB350
Corequisites: OPB450, OPB452
Contact hours: 5 per week Credit points: 12
Campus: KG Semester: 2

► OPB452 OCULAR ANATOMY AND PHYSIOLOGY 4

This is a continuation of OPB352. The unit covers the posterior eye, orbit, neural pathways, eye movements, neurophysiology of vision and an introduction to electrophysiological techniques.

Courses: OP42
Prerequisites: OPB352, OPB351, OPB350
Corequisites: OPB451, OPB450
Contact hours: 5 per week Credit points: 12
Campus: KG Semester: 2

► OPB550 DISEASES OF THE EYE 5

This unit provides students with a knowledge and understanding of general diseases and those that affect the eye. It includes general disease processes and principles, referral procedures, genetics, congenital, dystrophic and degenerative eye disease, and the ocular manifestation of general disease.

Courses: OP42
Prerequisites: OPB450, OPB451, OPB452, LSB492
Corequisites: OPB551, OPB552, OPB553
Contact hours: 4 per week Credit points: 12
Campus: KG Semester: 1

► OPB551 OPTOMETRY 5

The student gains an understanding of the theory and practice of essential clinical techniques required to examine patients’ eyes and assess visual function. The subject contains vision measurement, objective and subjective refraction, accommodation anomalies and the development and management of refractive errors and binocular vision disorders.

Courses: OP42
Prerequisites: OPB450, OPB451, OPB452
Corequisites: OPB550, OPB552, OPB553
Contact hours: 5 per week Credit points: 12
Campus: KG Semester: 1

► OPB552 ADVANCED OPTOMETRY 5

This unit introduces the student to the theory and practice of advanced clinical techniques of vision assessment. It provides those with the basic methods learned in OPB350, OPB450 and OPB551 and will give the student a thorough knowledge of all aspects of routine patient management. The unit covers areas such as visual fields, colour vision, gonioscopy, indirect ophthalmoscopy and slitlamp and gonioscopy.

Courses: OP42
Prerequisites: OPB450, OPB451, OPB452
Corequisites: OPB550, OPB551, OPB553
Contact hours: 5 per week Credit points: 12
Campus: KG Semester: 1

► OPB553 CLINICAL PRACTICE 5

Clinical Practice 5 provides the vehicle for the application of examination techniques learned in previous and concurrent units. Emphasis will be placed on communicating with patients, the fabrication of spectacles, basic contact lens practice and the development of appropriate clinical routines in eye examination.

Courses: OP42
Prerequisites: OPB450, OPB451, OPB452
Corequisites: OPB551, OPB552, OPB553
Contact hours: 5 per week Credit points: 12
Campus: KG Semester: 1

► OPB650 DISEASES OF THE EYE 6

This is a continuation of OPB550 and covers the valuation and management of patients with ocular disease. Neuro-ophthalmology, glaucoma, inflammations/infections, tumours and trauma.

Courses: OP42
Prerequisites: OPB550, OPB551, OPB552, OPB553
Corequisites: OPB651, OPB652, OPB653
Contact hours: 5 per week Credit points: 12
Campus: KG Semester: 2

► OPB651 CONTACT LENS STUDIES

Contact lens design and fitting form the basis of this subject. Both soft and rigid contact lenses are covered together with lens materials, designs, manufacture, fitting assessments and appropriate clinical techniques. The subject also focuses on corneal physiology, patient management and advanced contact lens fitting.

Courses: OP42
Prerequisites: OPB550, OPB551, OPB552, OPB553
Corequisites: OPB650, OPB652, OPB653
Credit points: 12
Semester: 2

► OPB652 PHARMACOLOGY

This subject covers both general and ocular pharmacology. It includes pharmacokinetic and pharmacodynamic principles, the mechanisms of action and therapeutic applications of drugs used in the treatment of general and ocular disease, and drugs used to assist in the diagnosis of ocular conditions.

Courses: OP42
Prerequisites: OPB550, OPB551, OPB552, OPB553
Corequisites: OPB650, OPB651, OPB653
Contact hours: 5 per week Credit points: 12
Campus: KG Semester: 2

► OPB653 CLINICAL PRACTICE 6

The subject is a continuation of OPB553, and enables students to apply examination techniques in a clinical setting. There is an emphasis on advanced communication skills, patient management and clinical decision-making.

Courses: OP42
Prerequisites: OPB550, OPB551, OPB552, OPB553
Corequisites: OPB650, OPB652, OPB653
Contact hours: 6 per week Credit points: 12
Campus: KG Semester: 2

► OPB750 TOPICS IN OPTOMETRY

Students are required to analyse the results of their chosen research project and write a full report in manuscript form. Oral presentations of the project are given to their peers. Presentations on advanced clinical care and decision making skills will include lecture and tutorial presentations and case summaries.

Courses: OP42
Prerequisites: OPB650, OPB651, OPB652, OPB653
Corequisites: OPB751, OPB752, OPB753
Contact hours: 8 per week Credit points: 12
Campus: KG Semester: 2

► OPB751 ADVANCED OPTOMETRY 7

This unit provides students with a thorough understanding of more specialised areas of patient management such as in low vision and paediatric patients.

Courses: OP42
Prerequisites: OPB650, OPB651, OPB652, OPB653
Corequisites: OPB750, OPB752, OPB753
Contact hours: 4 per week Credit points: 12
Campus: KG Semester: 1

► OPB752 CLINICAL PRACTICE 7

This unit enables students to apply knowledge and skills gained in the previous units to patients presenting for eye examinations, and to make decisions in effective patient management.

Courses: OP42
Prerequisites: OPB650, OPB651, OPB652, OPB653
Corequisites: OPB750, OPB751, OPB753
Contact hours: 8 per week Credit points: 12
Campus: KG Semester: 1

► OPB753 SPECIALIST CLINICAL PRACTICE

This unit enables students to apply specialist clinical knowledge in the management of patients requiring contact lenses, vision training and low vision care.

Courses: OP42
Prerequisites: OPB650, OPB651, OPB652, OPB653
Corequisites: OPB751, OPB752, OPB753
Contact hours: 4 per week Credit points: 12
Campus: KG Semester: 2

► OPB850 TOPICS IN OPTOMETRY

This unit consolidates skills developed in OPB752, to increase their knowledge base and achieve surety with decision making involving the management of patients’ eye and vision problems.

Courses: OP42
Prerequisites: OPB750, OPB751, OPB752, OPB753
Corequisites: OPB850, OPB852, OPB853
Contact hours: 8 per week Credit points: 12
Campus: KG Semester: 2

► OPB851 ADVANCED OPTOMETRY 8

Optometry’s role in health care, professional and ethical behaviour; relevant state and federal Acts; professional associations; types of practice; optometric practice and the law. Basic concepts of eye safety and visual ergonomics

Courses: OP42
Prerequisites: OPB750, OPB751, OPB752, OPB753
Corequisites: OPB850, OPB852, OPB853
Contact hours: 4 per week Credit points: 12
Campus: KG Semester: 2

► OPB852 CLINICAL PRACTICE 8

This unit enables students to consolidate skills developed in OPB752, to increase their knowledge base and achieve surety with decision making involving the management of patients’ eye and vision problems.

Courses: OP42
Prerequisites: OPB750, OPB751, OPB752, OPB753
Corequisites: OPB850, OPB851, OPB853
Contact hours: 8 per week Credit points: 12
Campus: KG Semester: 2

► OPB853 SPECIALIST CLINICAL PRACTICE 8

This unit consolidates skills developed in OPB753 in specialised clinical areas of contact lenses, low vision and paediatric optometry.

Courses: OP42
Prerequisites: OPB750, OPB751, OPB752, OPB753
Corequisites: OPB850, OPB851, OPB853
Contact hours: 8 per week Credit points: 12
Campus: KG Semester: 2

► PCB007 PATIENT CARE IN PROFESSIONAL PRACTICE

Introductory subject emphasising the appropriate response to the health care needs of patients and the ethical, legal and clinical accountability of the
UNIT SYNOPTES

Courses: PH38
Contact hours: 4 per week  Credit points: 12
Semester: 1  Campus: GP

PCB101 PHYSICAL SCIENCE
Introduces students to some of the basic concepts in the Physical Sciences by integrating core topics from physics, chemistry and mathematics. Topics include: nature of matter; atomic and molecular structure; chemical reactions and equations; acids, bases, pH, oxidation and reduction; carbon cycle and food chains; chemical processes; biologically important organic compounds; energy and chemical reactions; acid-base reactions and redox reactions; atomic and molecular structure, periodic table and periodicity, atomic electron configuration; electronic structures and chemical properties of elements. Chemical bonding: physical state of matter, gases, chemical equilibrium, equilibria in electrolyte solutions, acids and bases, buffer solutions, colloids, interfacial properties, acid-base titrations, introductory electrochemistry.

Courses: ED56, HL42, IF29, IF90, IF61, IF69, IF78, IX07, IX14, LS37, LS50, PU40, PU43, SC01, SC51
Contact hours: 5 per week  Credit points: 12
Semester: 1

PCB150 PHYSICS I
Basic physical measurements, mechanics, heat, waves, acoustics and optics, and the instrumentation used to measure physical parameters.

Courses: ED90, IF71, IF77, LS37, PU40, SC51
Contact hours: 5 per week  Credit points: 12
Semester: 1

PCB172 PHYSICS FOR SURVEYORS

Courses: PS47, PS48
Contact hours: 4 per week  Credit points: 12
Semester: 1

PCB178 PRINCIPLES OF MEDICAL RADIATIONS
An overview of the physical principles of the various medical imaging modalities and techniques. An overview of techniques used in the diagnosis and treatment of cancer.

Courses: PH38
Contact hours: 5 per week  Credit points: 12
Semester: 1

PCB200 CHEMICAL TECHNOLOGY 1
The role of chemical technologist in industry: fundamentals of chemical technology; industrial pollution obligations and monitoring; generic issues eg quality assurance, industrial health and safety.

Courses: IF66, SC01, SC51
Prerequisites: PCB142 Corequisites: PCB142
Contact hours: 5 per week  Credit points: 12
Semester: 2

PCB240 OPTICS 1
A study of selected topics in optics particularly related to aspects of geometry. Topics include geometrical optics in mirrors and lenses, including thick lenses, cylindrical, spherical and toric lenses, colimated beam measurement, photometry, lens aberrations and optical instruments.

Courses: OP42
Contact hours: 5 per week  Credit points: 12
Semester: 2

PCB242 CHEMISTRY 2
Introductory organic chemistry; organic functional group chemistry; stereochemistry of organic compounds; heterocyclic chemistry; biologically important inorganic compounds; organic functional group chemistry; stereochemistry of organic compounds, heterocyclic chemistry; biologically important organic compounds.

Courses: ED50, ED90, HL42, IF29, IF90, IF61, IF71, IF78, IX07, IX14, LS37, LS50, PU40, PU43, SC01, SC51
Prerequisites: PCB140, PCB142
Corequisites: PCB142
Contact hours: 6 per week  Credit points: 12
Semester: 2

PCB250 PHYSICS 1
Introduces concepts of fields and potentials. General techniques such as the description of scalar and vector fields by differential equations and their solution are also covered. Specific topics areas to be covered include: calculus based vector and potential fields in one and two dimensions: accelerated frames of reference, 2nd order systems and the forced-damped-harmonic oscillator, gravitational and electromagnetic fields, electric and magnetic fields, potentials, static fields - point and distributed sources, Gauss’ law, capacitors, Biot-Savart law and Ampere’s law, electromagnetic induction and Faraday’s law, Lenz’s law.

Courses: ED50, ED90, IF29, IF90, IF61, IF71, IF78, IX02, IX14, SC01
Prerequisites: PCB101 or PCB107
Contact hours: 5 per week  Credit points: 12
Semester: 2

PCB260 PHYSICS 1A
Physical optics including interference, interferometry, Fraunhofer diffraction, Fourier methods, lasers and holograms. Atomic Physics including introductory quantum physics concepts and the Bohr theory. Introduction to Special Relativity including time dilation and length contraction, Lorentz transformations and relativistic mass, momentum and energy.

Courses: ED50, IF29, IF90, IF61, IF71, IF78, IX02, IX14, SC01
Prerequisites: PCB101 or PCB107, MAB100
Contact hours: 4 per week  Credit points: 12
Semester: 1

PCB272 RADIATION PHYSICS 1
Atomic structure, radioactivity, interaction of x-rays with matter; Radiation dosimetry; Thermal physics, temperature, heat, thermal expansion; Electric and magnetic fields, motion of charged particles; X-rays - properties and nature; X-ray tube construction and design; Diagnostic and therapy tubes; High voltage generation, transformer rectifier, X-ray fluorescent ratings.

Courses: PH38, SC01
Contact hours: 4 per week  Credit points: 12
Semester: 2

PCB276 GENERAL RADIOGRAPHY 1
A program of lectures relating to radiography of the skeletal system, from preparation of the patient through to assessment of the final image.

Courses: PH38
Prerequisites: LSB145, PCB178
Corequisites: LSB245, PCB277
Contact hours: 5 per week  Credit points: 12
Semester: 2

PCB277 RADIOGRAPHIC PRACTICE 1
A program of practical sessions relating to radiography of the skeletal system allowing the development of skills in patient positioning and image production. A study of the processes involved in the production of a visible image in radiography.

Courses: PH38
Corequisites: PCB276
Contact hours: 4 per week  Credit points: 12
Semester: 1

PCB286 TREATMENT PLANNING 1
Introduction to the techniques of radiotherapy treatment planning including patient data acquisition and radiation dosimetry.

Courses: PH38
Prerequisites: PCB178
Contact hours: 6 per week  Credit points: 12
Semester: 2

PCB287 MEGAVOLTAGE THERAPY 1
Introduction to the basic techniques of radiotherapy treatment including beam direction and beam defining devices.

Courses: PH38
Corequisites: PCB178 Corequisites: LSB241
Contact hours: 6 per week  Credit points: 12
Semester: 2

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UNIT SYNOPSES

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 and rate equations; Arrhenius equa-
tions; complex reactions); phase and colloid chemistry (phase equilibria; one and two component sys-
tems; radiation; colloidal dispersions; charged interfaces; sols and gels); macromolecules (mol-
ar architecture; molar mass; solution and solid state properties; polymerisation); bonding (co-
valent, ionic, metallic, hydrogen bonds); selection and energy of the hydrogen atom; many electron atoms; molecular orbitals.

Courses: ED50, IF29, IF39, IF61, I71, IF66, IX02, IX14, SC01, SC51
Prerequisites: PCB142
Contact hours: 5 per week Credit points: 12
Semester: 1

PCB314 CONCEPTS IN ANALYTICAL CHEMISTRY
Classical analytical chemistry including titrimet-
ric analysis (neutrality, precipitation, complex-
ometry and redoxometry); gravimetric analysis;
sample preparation; specialist reagents for ana-
lytical chemistry usage; instrumental analyti-
cal methods (emission spectrometry, emission-
tomography; inductively coupled plasma spec-
trometry); examples of environmental and clin-
cal applications of analytical techniques.

Courses: ED50, IF39, IF71, IF66, SC01
Prerequisites: PCB142
Contact hours: 5 per week Credit points: 12
Semester: 1

PCB343 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: GP OP242
Prerequisites: PCB240
Contact hours: 5 per week Credit points: 12
Semester: 1

PCB354 SYNTHESIS AND REACTIVITY IN ORGANIC CHEMISTRY
Organic stereochemistry: conformation of cyclic
compounds; chirality; absolute configuration;
racemic and meso compounds. Importance of structure and stereochemistry in natural products such as terpenes, steroids and sugars. Carbohy-
drate chemistry: monosaccharides, disaccharides and polysaccharides; applications in medicine.

Courses: ED50, IF29, IF39, IF61, IF71, IF66, IX02, IX14, SC01, SC51
Prerequisites: PCB242
Contact hours: 5 per week Credit points: 12
Semester: 1

PCB361 AC THEORY AND ELECTRONICS
Emphasis on the application of theory to practical
tasks. Laboratory work will consist of introduc-
tory 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, opera-
tional amplifiers; the ideal and non-ideal oper-
ator; oscillators, Introductory digital electronics: gates, flip-flops and counters, active-circuit analysis, analog devices.

Courses: ED50, IF29, IF39, IF61, IF71, IF66, IX02, IX14, SC01
Prerequisites: MAB111 or MAB131, PCB250
Contact hours: 5 per week Credit points: 12
Semester: 1

PCB362 PHYSICS 2
Integrates and enhances the knowledge gained in earlier units with applications to more interesting and complex systems. Topics include: part A; classical mechanics, rotating systems, Lagrange's equations and Hamiltonians operators, previ-
ous Part B; radiation physics, nuclear disinte-
gination, equilibrium, interaction of radiation with matter, nuclear detectors, Part C; electromagneti-
ism, electric fields, Gauss' law, dielectrics.

Courses: ED50, IF29, IF39, IF61, IF71, IF66, IX02, IX14, SC01
Prerequisites: MAB132 or MAB112, PCB250
Corequisites: MAB134
Contact hours: 4 per week Credit points: 12
Semester: 1

PCB375-1 RADIOGRAPHIC EQUIPMENT
Discussion of design considerations of X-ray generators and their radiographic imaging equipment for fluoroscopy, mammography, tomography and mobile radiography.

Courses: PH38
Prerequisites: PCB272
Contact hours: 2 per week Credit points: 12
Semester: 1

PCB375-2 RADIOGRAPHIC EQUIPMENT
An introduction to computer hardware, binary
numbers and the digital image. A study of the equipment used in digital fluoroscopy and com-
pared radiography.

Courses: PH38
Prerequisites: PCB375-1
Contact hours: 2 per week Credit points: 12
Semester: 2

PCB377 GENERAL RADIOGRAPHY 2
An extension of topics introduced in PCB276 to
include more advanced techniques of skeletal
radiography, ward and operating theatre radi-
ography, and examinations using contrast media.
A program of practical sessions in skeletal imaging.

Courses: PH38
Prerequisites: LSBR245, PCB276, PCB277
Contact hours: 5 per week Credit points: 12
Semester: 1

PCB379 CLINICAL RADIOGRAPHY 1
Clinical experiences in radiographic examina-
tions introduced in PCB276 and PCB376. Ex-
perience is obtained in approved clinical depart-
ments.

Courses: PH38
Prerequisites: LSBR245, PCB276, PCB277
Corequisites: PCB379
Contact hours: 160 over 4 weeks
Credit points: 6
Campus: GP
Semester: 1

PCB389 CLINICAL RADIOGRAPHY 2
Clinical experiences in radiographic related to
topics introduced in PCB287 and PCB286. The programs are carried out in approved clinical
departments.

Courses: PH38
Prerequisites: PCB286, PCB287
Contact hours: 160 over 4 weeks
Credit points: 6
Campus: GP
Semester: 1

PCB396-1 RADIOTHERAPY PLANNING AND PHYSICS
An extension of the study of treatment planning
introduced in PCB286 to the planning of com-
plex techniques of photon therapy and electron
therapy.

Courses: PH38
Prerequisites: LSBR245, PCB286, PCB287
Contact hours: 5 per week Credit points: 12
Semester: 2

PCB396-2 RADIOTHERAPY PLANNING AND PHYSICS
A study of the measurement and dosimetry of
external beam treatment including practice sessions. An introduction to the capabilities of
computer hardware and software.

Courses: PH38
Prerequisites: PCB396-1
Contact hours: 4 per week Credit points: 12
Semester: 2

PCB397 DIGITAL VOLTAGE THERAPY 2
The principles and applications of interfacing
therapy including techniques for specific sites.
Practical exercises are performed in clinical
departments.

Courses: PH38
Prerequisites: LSBR245, PCB287
Contact hours: 5 per week Credit points: 12
Semester: 2

PCB414 INDUSTRIAL AND ENVIRONMENTAL ANALYTICAL CHEMISTRY
Introduction to quality assurance in an analytical
chemistry laboratory; international QA standards;
analysing methods and their selection; sampling;
statistical analysis of results; examples of specific
chemical analysis.

Courses: ED50, IF29, IF71, IF66, IX02, IX14, PU40, SC01, SC51
Prerequisites: PCB414
Contact hours: 5 per week Credit points: 12
Semester: 1

PCB434 INORGANIC CHEMISTRY
Coordination chemistry; structure and bonding of
metal complexes; crystal field and valence
bond theories; spectroscopic terms and electronic
transitions; solution chemistry and complex
equilibria; coordination compounds; analysis,
spectroscopy, magnetic susceptibility; applications of specific compounds.

Courses: ED50, IF29, IF97, IF66, IX02, IX14, SC01, SC51
Prerequisites: PCB414
Contact hours: 5 per week Credit points: 12
Semester: 2

PCB444 SPECTROSCOPY
Theory of spectroscopy; width and intensity of
spectral lines; instrumentation; rotational spec-
troscopy; vibrational spectroscopy; vibrational-
rotation spectroscopy; electronic spectroscopy;
electronic excited states; symmetry and spectro-
scopy. Application of infrared spectroscopy to
organic compounds - fundamental absorption bands, structural influences. Functional group analysis. Nuclear magnetic resonance - theo-
retical concepts, classification of nuclei, modern
instrumentation, the shielding constant, 13C spectra - symmetry, 1H spectra, integrals, chemi-
ical shifts, tabulated data, Shoolery's rules, cou-
pling, analysis of 1st order spectra, deducing
connectivity relationships.

Courses: ED50, IF29, IF39, IF61, IF71, IF66, IX02, IX14, SC01, SC51
Prerequisites: PCB142, PCB354
Contact hours: 5 per week Credit points: 12
Semester: 2

PCB445 NANOTECHNOLOGY AND BIOCONJUGATION
Following an introductory discussion of the lim-
its of conventional lithography for miniature
device construction, this unit investigates alterna-
tive approaches towards the construction of nanometre-scale devices, their tremendous power and their potential applications. Techniques used to guide molecular level engineering and self-
assembly molecular components into nanotech-
nology are emphasised.

Courses: SC01
Prerequisites: PCB142 or PCB260 or PCB136
Contact hours: 5 per week Credit points: 12
Semester: 2

PCB460 INSTRUMENTATION AND COMPUTATIONAL METHODS
Lecture/tutorial program plus an integrated prac-
tical component. The topics include: transduc-
ers and measuring instrumentation; noise, guard-
ring and shielding, analogue to digital and digital
to analogue conversion, computer interfacing,
data acquisition, sampling theorem, signal aver-
aging, application of Fourier transforms, signal pro-
cessing - digital filters, statistics of physical
measurements, significance testing, least squares
interpolation, interfacing techniques, digital ana-
logue circuits, numerical simulation techniques.

Courses: ED50, IF29, IF39, IF61, IF71, IF66, IX02, IX14, SC01
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UNIT SYNOPSIS

Prerequisites: PCB361
Contact hours: 5 per week Credit points: 12
Campus: GP Semester: 2

PCB462 THERMODYNAMICS AND SOLID STATE PHYSICS

Two of the main themes in physics. Part A: Thermodynamics, first and second laws of thermodynamics, equipartition principle and heat capacities, entropy, concept of information and the Carnot cycle. Part B: Solid state physics, crystal and lattice structures, reciprocal lattice, x-ray diffraction, Brillouin zones, amorphous materials, lattice dynamics, acoustical and optical phonons, thermal properties of solids, acoustic waves in solids and crystals. Part C: Debye theory; Statistical physics; microscopic and quantum approach to entropy, Maxwell-Boltzmann and Fermi-Dirac distributions, Fermi energy and Fermi surface, Bose-Einstein distribution function, Black body radiation.

Courses: ED59, IF29, IF39, IF61, IF71, IF86, IX02, IX14, SC01
Prerequisites: MAB314 or MAB311, PCB250
Contact hours: 5 per week Credit points: 12
Campus: GP Semester: 2

PCB469 ASTROPHYSICS 1


Courses: ED50, EE48, SC01
Contact hours: 5 per week Credit points: 12
Campus: GP Semester: 2

PCB476 SPECIAL PROCEDURES

Specialised techniques of radiography: the skull, obstetrics, gynaecology, CNS, paediatrics and geriatrics.

Courses: PH38
Prerequisites: PCB377, PCB379
Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 2

PCB477 COMPLEMENTARY IMAGING TECHNIQUES

The physical principles, equipment and applications of medical ultrasound and nuclear medicine imaging. Ultrasound and x-ray computed tomography for abdomen and pelvis and resultant imaging appearances.

Courses: PH38
Prerequisites: PCB377, PCB379
Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 2

PCB479 CLINICAL RADIOGRAPHY 2

Clinical experience in approved departments in radiographic examinations discussed in PCB376.

Courses: PH38
Prerequisites: PCB379 Corequisites: PCB476 Contact hours: 200 over 5 weeks Credit points: 6
Campus: GP Semester: 2

PCB489 CLINICAL RADIOTHERAPY 2

Clinical experiences in approved departments in techniques of radiation therapy.

Courses: PH38
Prerequisites: PCB379, PCB389 Corequisites: PCB497 Contact hours: 200 over 5 weeks Credit points: 6
Campus: GP Semester: 2

PCB495 COMPUTER ASSISTED TREATMENT PLANNING 1

A study of planning hardware and software to include two-dimensional planning. Development of concepts to an advanced level of understanding of computer-assisted optimisation of isodose distributions.

Courses: PH38
Prerequisites: PCB386, LSB421

Corequisites: PCB497 Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 2

PCB497 MEGAVOLTAGE THERAPY 3

An extension of the topic introduced in PCB397 to include the full range of treatment by megavoltage therapy for cancer in specific sites. Coverage of techniques includes: techniques, planning, patient positioning, outlines and measurements. Clinical experience is incorporated in this unit.

Courses: PH38
Prerequisites: PCB397, PCB389 Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 2

PCB505 ADVANCED PHYSICAL CHEMISTRY

Dynamic electrochemistry, electrochemical processes including corrosion; advanced kinetics; quantum mechanics; surfaces and catalysts; statistical mechanics.

Courses: IF29, IF39, IF61, IF71, IF86, IX02, IX14, SC01
Prerequisites: PCB380 Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 1

PCB514 INSTRUMENTAL ANALYSIS

Provides theoretical and practical framework for analysis with direct and indirect techniques (spectrophotometry, atomic spectroscopy; mass spectrometry; HPLC; auto-analysers and flow analysis; advanced methods of data interpretation analysis; pattern recognition, classification and prediction. Complementary practical program.

Courses: IF39, IF71, IF86, IF87, IX02, IX14, SC01, SC51
Prerequisites: PCB242, PCB414 Contact hours: 5 per week Credit points: 12
Campus: GP Semester: 1

PCB524 UNIT OPERATIONS

Energy balances; principles of particle mechanics and the unit operations used to process solids; principles of fluid mechanics and the unit operations used to process fluids; principles of heat transfer and the unit operations involving heat transfer; rationale for the design and operation of the many individual processes (or 'unit operations') which together make up a large part of any large scale process.

Courses: IF39, IF71, IF86, SC01, SC51
Prerequisites: PCB524, PCB414 Contact hours: 5 per week Credit points: 12
Campus: GP Semester: 1

PCB554 SYNTHESIS AND REACTIVITY IN ORGANIC CHEMISTRY

The principles and practice of synthesis planning; synthetically-useful reactions for interconversions of the common functional groups; carbon bond formation using organometallic reagents and enolates; selectivity and protection; aromaticity and heterocyclic chemistry.

Courses: IF29, IF39, IF61, IF71, IF86, IX02, IX14, SC01
Prerequisites: PCB384, PCB444 Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 1

PCB561 QUANTUM AND CONDENSED MATTER PHYSICS


Courses: IF29, IF39, IF61, IF71, IF86, IX02, IX14, SC01
Prerequisites: MAB314 or MAB311, PCB462 Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 1

PCB562 PHYSICAL METHODS OF ANALYSIS

The theory and practice of important analysis techniques relevant to the materials sciences will be covered with some examples drawn from chemical processes. Specific topics to be covered: structure of crystals: types of lattice, unit cells, Miller indices, crystal diffraction, reciprocal space, X-ray diffraction, X-ray fluorescence, electron microscopy. Courses: IF29, IF39, IF61, IF71, IF86, IX02, IX14, SC01
Prerequisites: MAB112 or MAB132, PCB462 Contact hours: 4.5 per week Credit points: 12
Campus: GP Semester: 1

PCB563 GLOBAL ENERGY AND CLIMATE CHANGE

This unit offers science and engineering students an opportunity to gain awareness about the expanding field of alternative energy technologies and to understand relationships between use of energy and its impact on local and global environment.

Courses: SC01
Prerequisites: MAB112 or MAB132 Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 1

PCB580-1 CLINICAL RADIOGRAPHY 3

Clinical experience in special radiographic procedures as introduced in PCB476, and general radiography.

Courses: PH38
Prerequisites: PCB476, PCB479 Contact hours: 240 over 6 weeks Credit points: 12
Campus: SC01 Semester: 1

PCB580-2 CLINICAL RADIOGRAPHY 3

Clinical experience in advanced radiographic techniques as introduced in PCB567, and general radiography.

Courses: PH38
Prerequisites: PCB567, PCB580-1 Contact hours: 200 (over 3 weeks) Credit points: 12
Campus: GP Semester: 2

PCB584 FORENSIC EXAMINATION OF PHYSICAL EVIDENCE

An overview of the crime scene: its investigation and management; detection and collection of physical evidence, blood splash evidence, fire investigation, bomb scene, forensic odontology; expert evidence. Forensic photography; fingerprint; forensic applications of optical and electron microscopy. Substantial laboratory and workshop sessions complement the theory.

Courses: IF39, IF71, IF86, IX02, IX14, SC01
Prerequisites: PCB414 Contact hours: 4 per week Credit points: 12
Campus: GP Semester: 1

PCB587 SPECIALISED RADIOThERAPY TECHNIQUE 1

A course of lectures and practical exercises on the specialised techniques of orthovoltage and superficial therapy. A study of radioactivity including methods of radiation detection, radioactivity equilibrium and production of radioisotopes, the principles and application of brachytherapy.

Courses: PH38
Prerequisites: PCB489, PCB497 Contact hours: 6 per week Credit points: 12
Campus: GP Semester: 1

PCB590-1 CLINICAL RADIOThERAPY 3

Clinical experience in specialised radiotherapy technique as discussed in PCB587 and PCB595.
UNIT SYNOPSES

Courses: PH38
Prerequisites: PCB489
Contact hours: 240 over 6 weeks
Credit points: 12
Campus: GP
Semester: 1
► PCB590-2 CLINICAL RADIOTHERAPY 3
Clinical experiences in specialised radiotheraphy technique as discussed in PCB587 and PCB595.
Courses: PH38
Prerequisites: PCB590-1
Contact hours: 200 over 5 weeks
Credit points: 12
Campus: GP
Semester: 2
► PCB593 COMPUTER ASSISTED INSTRUMENTATION
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 space filtering; image processing techniques, eg analysis, enhancement and restoration; spatial filtering; Fourier space filtering; methods of image reconstruction; applications of image processing in medicine.
Courses: IF39, IF71, IF86, PH38, PH60, PH71, SC01, SC51
Prerequisites: MAB100 or PCB107
Contact hours: 4 per week
Credit points: 12
Campus: GP
Semester: 1
► PCB604 PROJECT
A variety of chemical problems reflecting teaching, research and consultancy interests of the staff.
Courses: IF39, IF71, IF86, IX02, IX14, SC01, SC51
Prerequisites: Two relevant prerequisites from PCB434, PCB505, PCB554, PCB514, PCB524
Contact hours: 5 per week
Credit points: 12
Campus: GP
Semester: 2
► PCB605 BIOMEDICAL INSTRUMENTATION
Technologies and technologies; laser, op amp, amplifiers, noise, and reduction techniques, isolation, analogues to digital techniques, computer interfacing, digital and analogues. Build your own ECG amplifier and try it out on yourself. Microprocessors, microcomputers, assembly language, interfacing microcontrollers to instruments, data analysis techniques.
Courses: ME48
Contact hours: 5 per week
Credit points: 12
Campus: GP
Semester: 2
► PCB614 ADVANCED ANALYSIS
The theoretical and practical framework of advanced analytical techniques, emphasising the analysis of materials and more difficult samples than those covered in previous units; techniques include hyphenated mass spectrometry, analytical electron microscopy, thermal analysis and vibrational spectroscopy.
Courses: IF86, SC01
Prerequisites: PCB514
Contact hours: 4 per week
Credit points: 12
Campus: GP
Semester: 2
► PCB624 CHEMISTRY IN INDUSTRY AND TECHNOLOGY
Industrial processes and technologies involved in the manufacture of materials of industrial and societal importance. Topics include mass transfer operations, metals and alloys, ceramics, inorganic polymers, natural fibres and high technology polymers. The unit includes field trips to various industrial sites and a group problem-solving exercise.
Courses: IF39, IF86, SC01, SC51
Prerequisites: PCB524
Contact hours: 5 per week
Credit points: 12
Campus: GP
Semester: 2
► PCB664 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 issues of the societal and ethical implications of the profession of chemistry.
Courses: IF29, IF39, IF61, IF86, SC01, SC51
Prerequisites: PCB489, PCB554
Contact hours: 4 per week
Credit points: 12
Campus: GP
Semester: 2
► PCB667 LASERS AND PHOTONICS
Laser and photonic technologies are rapidly maturing areas responsible for creating new industries and employment opportunities for scientists and engineers in the areas of information technology, manufacturing, sensing and health. In particular, the vast global optical communications industry has dramatically increased information transport rates through the development of new laser sources and photonic devices. At the heart of all advances in photonics is a greater understanding of matter interactions and the processes used to fabricate devices. This unit is offered to science and engineering students who seek to understand the physical principles underpinning lasers and photonic devices and their use in a range of optical technologies.
Courses: SC01
Prerequisites: PCB260 or EEB340, MAB134 or MAB311
Contact hours: 4 per week
Credit points: 12
Campus: GP
Semester: 2
► PCB665 PHYSICS 3
This unit extends the content of previous units in electromagnetic and the application of Maxwell’s equations, quantum mechanics, wave-particle duality, dielectric permittivity, transmission line theory, waveguides, optical fibre theory, antennae. The unit also includes a detailed study of magnetic resonance and its applications.
Courses: IF29, IF39, IF61, IF71, IF86, SC01
Prerequisites: MAB134 or MAB311, PCB362, PCB462
Contact hours: 4 per week
Credit points: 12
Campus: GP
Semester: 2
► PCB667 ADVANCED RADIOGRAPHIC TECHNIQUE
An extension of topics in advanced radiographic techniques and professional practice. A course of lectures and practical work on image interpretation including technical and diagnostic quality.
Courses: PH38
Prerequisites: PCB567
Contact hours: 4 per week
Credit points: 12
Campus: GP
Semester: 2
► PCB669 ASTROPHYSICS 2
This unit presents a theoretical background for the general theory of relativistic and relativistic cosmology. This includes special theory of relativistic relativistic covariant differentiation, least action principle and man postulates in special and general relativistic concepts of the interval and space-time metric, gravitation redshift, geodesic equation, energy tensor, Einstein equations for gravitational field, gravitational collapse, Schwarzschild metric, event-horizon for black holes, gravitational waves, cosmological principle, standard cosmological models, Robertson-Walker metric, dark energy, evolution of the universe, Big bang cosmological horizons, cosmic background radiation, cosmological redshift.
Courses: IF86, SC01
Prerequisites: PCB362, MAB134 or MAB521
Contact hours: 4 per week
Credit points: 12
Campus: GP
Semester: 2
► PCB672-1 PROJECT
A supervised project involving either application of existing theoretical practical knowledge or a literature survey of a selected relevant topic.
Courses: PH38
Semester: 2
Credit points: 6
Campus: GP
Semester: 1
► PCB672-2 PROJECT
A supervised project involving either application of existing theoretical practical knowledge or a literature survey of a selected relevant topic.
Courses: PH38
Contact hours: 4 per week
Credit points: 12
Semester: 2
► PCB681 COMPUTED TOMOGRAPHY IMAGING
This unit covers both the technological and clinical aspects of x-ray computed tomography (CT). Clinical applications described include those for specific anatomical areas as well as advanced and interventional applications. The strengths and weaknesses of CT in relation to other imaging techniques are discussed.
Courses: PH38
Contact hours: 4 per week
Credit points: 12
Campus: GP
Semester: 1
► PCB682 MAGNETIC RESONANCE IMAGING
Lectures, tutorial exercises in the physical principles and clinical techniques used in magnetic resonance.
Courses: PH38, PH60, PH71, PH80
Contact hours: 3 per week
Credit points: 12
Campus: GP
Semester: 2
► PCB684 FORENSIC ANALYSIS AND TOXICOLOGY
This unit provides a theoretical and practical framework for forensic analysis and toxicology. It includes topics such as nature and abuse of drugs; introduction to pharmacology and toxicology; illicit drugs and poisons. Application of GC, HPLC, MS and hyphenated techniques as well as IR; examination of trace evidence. Substantial laboratory and workshop sessions complement these lectures.
Courses: IF39, IF71, IF86, SC01
Prerequisites: PCB242, PCB514
Contact hours: 5 per week
Credit points: 12
Campus: GP
Semester: 2
► PCB687 SPECIALISED RADIOTHERAPY TECHNIQUE 2
A study of specialised radiotherapy techniques including techniques and equipment applicable to the child patient and patients with communicable disease, total body photon and electron therapy. A course of lectures on the principles, strengths and stage
UNIT SYNOPTES

of development of techniques which are integral or complementary to the modern radiotherapy treatment of cancer.

Courses: PH38
Contact hours: 6 per week Credit points: 12
Semester: 1, 2
Campus: GP

 ► PB050 ADVANCED TREATMENT PLANNING TOPICS

A study of the principles and techniques of medical imaging used in the detection of cancer including MRI, PET and SPECT. This study also covers future directions of three dimensional treatment planning, and IMRT.

Contact hours: 4 per week Credit points: 12
Campus: GP
Semester: 2

 ► PCB700-1 ADVANCED TOPICS IN CHEMISTRY I

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
Contact hours: 6 per week Credit points: 24
Campus: GP
Semester: 1, 2

 ► PCB805 MEDICAL IMAGING AND IMAGE PROCESSING

Acquisition of medical images; image format and display; image reconstruction from projections, multiplanar reconstruction, 3D display, surface and volume rendering; image processing; image storage and transfer.

Courses: ME48
Contact hours: 4 per week Credit points: 12
Campus: GP
Semester: 2

 ► PCB111 MEDICAL IMAGING SCIENCE

Introduction to the MATLAB programming language; programming techniques and algorithms for digital image processing. The principles of display, perception and interpretation of medical images. Image quality. Imaging in nuclear medicine.

Courses: PH71, PH80, SC60
Contact hours: 4 per week Credit points: 12
Campus: GP
Semester: 2

 ► PCN113 RADIATION PHYSICS

Radioactivity and the interaction of ionising radiation with matter; applied radiation counting techniques; radiation detectors; radiation dosimetry.

Courses: PH71, PH80, SC60
Contact hours: 4 per week Credit points: 12
Campus: GP
Semester: 1

 ► PCN115 MICROPROCESSORS AND INSTRUMENTATION

The capabilities and limitations of a given instrument; design of interfaces between micro-computers and transducers; signal conditioning and signal conversion circuits for data acquisition.

Courses: PH71, PH80, SC60
Contact hours: 4 per week Credit points: 12
Campus: GP
Semester: 1

 ► PCN121 VISION AND PHOTOLOGY

Measurement of luminous flux; luminous intensity; illumination; reflectance; transmittance; diffuse surfaces; inverse square law; cosine law; Munsell and CIE Colour System; chromaticity coordinates X, Y, L*a*b*, Luv, correlated colour temperature, colour rendering indices; The integrating sphere; gonioscopicmetry; distribution photometry, graphical representation of photometric data; measuring instruments; accuracy; repeatability. The physiology of the eye and light detection; contrast sensitivity; colour vision; adaptation; brightness and lightness. Image detection and recognition including: edge detection; determination of the location of the characteristics of patterns; the importance of the visual attributes of tasks.

Credit points: 12
Campus: GP
Semester: 2

 ► PCN124 LAMPS AND LUMINAIRES

Development of light sources; practical require- ments of light sources including glare and light losses; various high and low pressure discharge lamps. Practical lamps are discussed in terms of luminous efficacy, spectral output, colour rendering, life, supply requirements, control gear, cost, etc. The design, manufacture, testing and provision of data on luminaires methods of control; the properties of optical systems; refractors; reflectors and diffusers; luminance control techniques; manufacture of luminaires and associated fixtures; codes and provisions for elec- tric data for indoor and outdoor luminaires; the calculation of utilisation factors; luminaire lumi- nance; computerised testing, and machine read- able photometric data.

Corequisites: PCN121
Credit points: 12
Semester: 2

 ► PCN159 ULTRASONIC EXAMINATION I

The normal and abnormal anatomy and functions related to gynaecology and obstetrics, the ultra- sonic techniques used and the appearance of related images. A study of the technique used in the ultrasonic examination of the abdomen including the appearance of normal abdominal anatomy and its alteration by pathological processes.

Courses: PH71, PH80
Corequisites: PCN162, PCN197
Contact hours: 3 per week Credit points: 12
Campus: GP
Semester: 1

 ► PCN162 PRINCIPLES OF MEDICAL ULTRASOUND

This unit is designed to provide students with a thorough understanding of the physical processes involved in producing an ultrasound image, the features of ultrasound equipment and the role and responsibilities of the sonographer in producing a technically acceptable image. This includes: general scanning principles and considerations, care of equipment, physics of ultrasound, ultrasound equipment features, image production and processing, artefacts, image recording methods, quality assurance techniques, biological hazards and safety issues, care of the patient and communica- tion issues.

Courses: PH71, PH75, PH80, PH85
Contact hours: 3 per week Credit points: 12
Campus: GP
Semester: 1

 ► PCN184 BREAST IMAGING

Medical imaging of the breast; principles of mammographic and sonographic imaging; breast anatomy and physiology; pathological conditions affecting the breast and magnetic resonance imaging; mammographic mammographic techniques; mammo- graphic and sonographic quality assurance.

Courses: PH60
Prerequisites: PCN162, PCN187
Corequisites: PCN397
Contact hours: 3 per week Credit points: 12
Campus: GP
Semester: 2

 ► PCN197-1 CLINICAL ATTACHMENT I

A supervised practical program carried out in an approved medical imaging department. Students are required to undertake specified clinical prac- tice as applicable to their area of specialisation and meet minimum requirements of clinical hours for case study and research.

Courses: PH60, PH71, PH80
Corequisites: PCN159, PCN162
Credit points: 12
Campus: GP
Semester: 1, 2

 ► PCN197-2 CLINICAL ATTACHMENT II

Courses: PH60, PH71, PH80, PCN159, PCN162
Credit points: 12
Semester: 2

 ► PCN211 PHYSICS OF MEDICAL IMAGING

The physical principles involved in the production of radiographic, ultrasonic and magnetic resonance images; quality control protocols.

Courses: PH71, PH80, SC60
Contact hours: 4 per week Credit points: 12
Campus: GP
Semester: 1
UNIT SYNOPTES

► PCN212 RADIOTherAPY PHYSiCS
Overview of the application of physics to radiotherapy, the theoretical and practical aspects of the major topics in radiotherapy physics.
Courses: PH171, PH80, SC60
Credit points: 12 per semester
Campus: GP
Semester: 2
► PCN214 HEALTH AND OCCUPATIONAL PHYSiCS
The philosophy, protocols and practices of safety in the medical and industrial fields; minimisation of hazards associated with radiation, acoustic, electrical and mechanical techniques.
Courses: PH171, PH80, SC50
Contact hours: 4 per week
Credit points: 12
Campus: GP
► PCN218 RESEARCH METHODOLOGY AND PROFESSIONAL STUDIES
In the rapidly changing technological environment of medical physics, medical imaging and medical ultrasound it is essential that students develop basic research skills, data interpretation skills and written communication skills. Topics include; the research process, data collection and analysis techniques, and writing and evaluating research reports. Students also require knowledge of the professional, basic management, legal and ethical responsibilities in their particular speciality area. Topics include; the role and purpose of professional bodies, professional communication, legal rights and responsibilities, basic professional management techniques and issues.
Courses: PH171, PH175, PH80, PH85
Contact hours: 3 per semester
Credit points: 12 per semester
Campus: GP
Semester: 1
► PCN259 CARDiAC ULRASOUND 1
The field of medical ultrasound is scientifically based, in an environment that is rapidly changing and undergoing considerable technological advancement. A thorough understanding of the techniques used in the evaluation of the fetal, pediatric and adult patient is essential for professionals working in this field. Topics include; patient preparation and communication requirements, basic electrocardiograph (ECG) patterns, the routine adult echocardiographic examination (including the 2-dimensional, M-mode, spectral Doppler and colour flow Doppler examinations and standard calculations), basic hemodynamics and an introduction to Doppler physics and principles.
Courses: PH175, PH85
Prerequisites: LSN259, PCN162
Contact hours: 3 per semester
Credit points: 12 per semester
Campus: GP
Semester: 2
► PCN297 CLINICAL ATTACHMENT 2
A period of additional supervised clinical practice designed to expand and refine skills acquired in PCN197.
Courses: PH171, PH80
Prerequisites: PCN159, PCN162, PCN356
Corequisites: PCN259, PCN359
Contact hours: 4 per week
Credit points: 12 per semester
Campus: GP
Semester: 1
► PCN359 CARDiAC ULRASOUND 2
Cardiac ultrasound (echocardiography) is a highly specialised technique for the assessment of the human heart. This unit extends and builds on the content of PCN259 by introducing concepts and techniques of the complex hemodynamic examinations and discussing the applications of the techniques described to common pathological clinical situations. Topics include: Doppler calculations, assessment of systolic function, unusual pathologies, the assessment of congenital heart lesions in the fetus, and pediatric and adult patients, and new evolving technologies will be covered. Additionally, an overview of other diagnostic methods of the heart will be presented in order to demonstrate the complementary nature of diagnostic testing.
Courses: PH175, PH85
Prerequisites: PCN259, PCN359
Corequisites: PCN359, PCN459
Contact hours: 3 per week
Credit points: 12 per semester
Campus: GP
Semester: 1
► PCN349 ADVANCED CARDiAC ULRASOUND
Cardiac ultrasound (echocardiography) is a highly specialised technique for the assessment of the human heart. This unit extends and builds on the content of units PCN259 and PCN359 by introducing more advanced applications of echocardiography. The advanced areas of diastolic function, unusual pathologies, the assessment of congenital heart lesions in the fetus, and pediatric and adult patients, and new evolving technologies will be covered. Additionally, an overview of other diagnostic methods of the heart will be presented in order to demonstrate the complementary nature of diagnostic testing.
Courses: PH175, PH85
Prerequisites: PCN259, PCN359
Credit points: 12 per semester
Campus: GP
Semester: 1
► PCN497-1 CLINICAL ATTACHMENT 4
The field of medical ultrasound is scientifically based, in an environment that is rapidly changing and undergoing considerable technological advancement. Cardiac ultrasound (echocardiography) is a highly specialised technique for the assessment of the human heart. This unit is an essential component of the course as it allows the student to be involved in extensive clinical experience that is complementary to all other units in the course. This unit builds on student knowledge and abilities gained from the unit PCN497. In this unit, basic skills are refined and expanded, and advanced echocardiographic skills are developed through employment and training in a QUT approved clinical department. Clinical skills are developed and evaluated by QUT approved clinical supervisors in consultation with QUT academic staff.
Courses: PH75, PH85
Prerequisites: PCN497
Credit points: 12 per semester
Campus: GP
Semester: 1
► PCN540-1 PROJECT
The project may take the form of research development, a design, a feasibility study, or the collection of scattered information on a given topic. The project can be undertaken externally under QUT supervision. Time spent on projects is one semester for full-time and two semesters for part-time students.
Courses: PH80
Contact hours: 18 per week
Credit points: 48
Campus: GP
Semester: 1, 2, 3
► PCN540-2 PROJECT (PART-TIME)
The project may take the form of research development, a design, a feasibility study, or the collection of scattered information on a given topic. The project can be undertaken externally under QUT supervision. Time spent on projects is one semester for full-time and two semesters for part-time students.
Courses: PH80
Contact hours: 9 per week
Credit points: 24
Campus: GP
Semester: 1, 2, 3
► PCN597-1 CLINICAL ATTACHMENT 5
Cardiac ultrasound (echocardiography) is a highly specialised technique for the assessment of the human heart. This unit is an essential component of the course as it allows the student to be involved in extensive clinical experience that is complementary to all other units in the course. This unit builds on student knowledge and abilities gained from the unit PCN497. In this unit, basic skills are refined and expanded, and advanced echocardiographic skills are developed through employment and training in a QUT approved clinical department. Clinical skills are developed and evaluated by QUT approved clinical supervisors in consultation with QUT academic staff.
Courses: PH75, PH85
Prerequisites: PCN497
Credit points: 12 per semester
Campus: GP
Semester: 1, 2
► PCN640-1 PROJECT
The project may take the form of research development, a feasibility study, or the collection of scattered information on a given topic. The project can be undertaken externally under QUT supervision. The project would normally be undertaken part-time over 2 semesters.
Courses: PH80
Contact hours: 9 per week
Credit points: 48
Campus: GP
Semester: 1, 2
► PCN640-2 PROJECT
Prerequisites: PCN497
Credit points: 48
Campus: GP
Semester: 1, 2
► PCN701 TOPICS IN ADVANCED SCiENCE 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 project.
Courses: SC80
Credit points: 12
Campus: GP
► PCN705-1 RESEARCH METHODOLOGY
A guided program of literature surveys to provide the background information for a research project. This unit enables students to develop verbal and oral communication skills required for the successful conduct of a chemical research project. During the course students will be required to attend and participate in seminars. Students must present two seminars on their own research.
UNIT SYNOPTES

Courses: SC80 Credit points: 12 Semester: 1, 2
Campus: GP

PCN715 RESEARCH METHODOLOGY
Courses: SC80 Credit points: 12 Semester: 1, 2
Campus: GP

PCS710 CHEMICAL INSTRUMENTATION
Courses: SC80 Credit points: 8 Semester: 1, 2
Campus: GP

PCS715 ADVANCED TOPICS IN PHYSICS
This unit provides a focused theoretical foundation for each students research program or other advanced topics in physics and develops a high level of theoretical understanding of the physical principles involved.

Courses: SC80 Credit points: 8 Semester: 1, 2
Campus: GP

PCN716 ADVANCED TOPICS IN PHYSICS
See PCN715

Courses: SC80 Credit points: 12 Semester: 1, 2
Campus: GP

PCN720 CHEMOMETRICS
The concepts of chemical data acquisition and interpretation; computerised methods of 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 Semester: 1, 2
Campus: GP

PCN730 ADVANCED PHYSICAL METHODS IN CHEMISTRY
The theoretical and practical principles of selected physical methods in chemistry.

Courses: SC80 Credit points: 12 Semester: 1, 2
Campus: GP

PCN740 LABORATORY TECHNIQUES FOR PREPARATIVE CHEMISTRY
The experimental techniques for the preparation and isolation of pure substances.

Courses: SC80 Credit points: 12 Semester: 1, 2
Campus: GP

PCN801 TOPICS IN ADVANCED CHEMISTRY
2
See PCN701.

Courses: SC80 Credit points: 12 Semester: 1, 2
Campus: GP

PSB411 PLANNING/LANDSCAPE DESIGN 1
Theory: Basic design vocabulary, design principles, design tools, different approaches to design and the problem-solving process. Projects: To encourage an understanding of design - seeing design through the use of line, form, colour, texture, etc. using design principles, and developing critical and creative thinking towards design.

Courses: BN31 Contact hours: 4 per week Credit points: 12 Semester: 1, 2
Campus: GP

PSB412 COMPUTER SKILLS
Development of understanding, awareness, and appreciation of computers as an aid in data analysis and interpretation. Skills of input, manipulation and examination of output for statistical analysis of data in decision making; the range of the theoretical systems and appropriate data analysis software, utilisation as a professional tool.

Courses: BN31, PS47, PS48 Contact hours: 3 per week Credit points: 12 Semester: 1, 2
Campus: GP

PSB413 GRAPHICS
Graphics as a tool within the planning and design professions. The language of a communicator of results: diagrams; lettering; layout; visual themes; different media and reproduction; scale; legibility; graphic organisation, realisation and abstraction; axonometric; perspective; freehand and technical drawing.

Courses: BN31 Contact hours: 3 per week Credit points: 12 Semester: 1, 2
Campus: GP

PSB414 PROFESSIONAL SKILLS 1
Introductions to basic information retrieval skills and presentation; introduction to academic life; learning skills, time management; QUT library as a resource; writing process: types, formats, styles, bibliographies, referencing; and abstracting; electronic services; electronic information retrieval; personal file management; evaluating information

Courses: BS47 Contact hours: 3 per week Credit points: 12 Semester: 1 Campus: GP

PSB415 CONTEMPORARY LANDSCAPE DESIGN
This unit engages students studying to become landscape architects with the significance of the profession and the inspiring achievements by the leaders within the discipline during the 20th and early 21st century. Using award-winning examples of design works carried out in a range of socio-cultural and environmental contexts, students are introduced to the potential of contemporary landscape design to provide places of intellectual, cultural, and environmental delight. The unit is complementary to the introduction to design in the Creative Space studio, by analysing the work of leading designers according to the principles of design, and which are taken according to the needs of the discipline of study. Module A: spatial referencing, site measurement, use of maps and aerial photos. Module B: surveying. Module C: science. Module D: statistics. Disciplines: Surveying - Module A; Landscape Architecture - Modules A and C; Urban and Regional Planning - Modules A and D.

Courses: BN31, PS47, PS48 Contact hours: 3 per week Credit points: 12 Semester: 1 Campus: GP

PSB416 RESEARCH AND CRITICISM
This unit fosters an understanding of worldviews influencing the culture of landscape architecture. Module 1 The What, Why and How of Landscape Research, Module 2 Contemporary Systems in Landscape Research, Module 3 Methods for Answering Researchable Questions.

Courses: BN31 Contact hours: 3 per week Credit points: 12 Semester: 1 Campus: GP

PSB417 MANUAL/DIGITAL GRAPHICS
Introduction to the application of graphic communication methods as it relates to environmental design. Manual graphic techniques and Digital (computer-aided) graphic techniques. Manual graphic techniques with an emphasis on the development of a variety of presentation graphics with reference to three-dimensional presentation in drawn form is closely linked to the design studio undertaken in PSB421 Planning and Design 2 and/or PSP264 Spatial Design Theory where application of the skills developed will be an expected outcome. Digital (computer-aided) graphic techniques and computer skills in computer imaging using CorelDraw and Corel Photopaint; computer-aided drafting techniques using AutoCAD; and visual presentation using PowerPoint.

Courses: BN31 Contact hours: 3 per week Credit points: 12 Semester: 2 Campus: GP

PSB418 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 spatial surveying and design in PSB421 Planning and Design 2 and/or PSP264 Spatial Design Theory where application of the skills developed will be an expected outcome. Digital (computer-aided) graphic techniques and computer skills in computer imaging using CorelDraw and Corel Photopaint; computer-aided drafting techniques using AutoCAD; and visual presentation using PowerPoint.

Courses: BN31 Contact hours: 3 per week Credit points: 12 Semester: 2 Campus: GP

PSB419 PREREQUISITES: PSB411
Contact hours: 4 per week Credit points: 12 Semester: 2 Campus: GP

PSB420 ENVIRONMENTAL SCIENCE
The concept of landscape as interacting dynamic systems and processes; role of humans in these systems; the complexity 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: BS31, PS47, PS48 Contact hours: 3 per week Credit points: 12 Semester: 2 Campus: GP

PSB421 GROUP DYNAMICS
Basic theories and concepts of psychology and human behaviour: role of self concept, locus of control, interpersonal transactions, group dynamics, problem-solving, hierarchy, and dynamics of working with others. Group process skills: group communication, verbal and non-verbal skills; appreciation of questionnaires, cognitive maps, communication and small group work; role of graphs, language, presenting, and managing conflict.

Courses: BN31 Contact hours: 3 per week Credit points: 12 Semester: 2 Campus: GP

PSB422 LAND SCIENCE
Provides a focused theoretical foundation for each students research program or other advanced topics in science and develops a high level of theoretical understanding of the scientific principles involved.

Courses: SC80 Credit points: 12 Semester: 1, 2
Campus: GP

PSB423 PLANNING/LANDSCAPE DESIGN
In-reinforcement of the design process. Character - components, types and delineation. Place/use relationships. Practical - projects requiring application of knowledge and skills relating 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 investi-
UNIT SYNOPSES

**PSB434 LANDSCAPE CONSTRUCTION A (L'SCAPE ONLY)**

This unit requires three closely related components to working closely with the three primary components: grading (manipulation of land surfaces); materials and construction elements (development of understanding of the properties and use of construction materials relevant to landscape construction); introduction to structures (principles of structural mechanics). In all of these attention will be paid to development of appropriate technical drawing and documentation techniques for the preparation of construction documentation.

Courses: BN31  
Contact hours: 3 per week  
Credit points: 12  
Campus: GP  
Semester: 1

**PSB435 SOCIAL AND CULTURAL RELATIONS**

Introduction to some of the underlying social relationships and their structures in contemporary Western urbanisation. Application of sociological theories by way of analysis of an urban environment with respect to its socio-cultural functions. Theory of human functioning in urban environments: privacy, personal space, environmental meaning and cognition. Analysis of major concepts. These concepts include: considerations of the property of capitalism, the relation between production and consumption, the concepts and ideas of development, the roles of national and local government, and the themes of positivism, institutionalism, and postmodernism. Relevant land use planning approaches and policies will be explored in the context of the interpretation of relevant frameworks and ideas in contemporary urban studies. 

Courses: BN31  
Contact hours: 3 per week  
Credit points: 12  
Campus: GP  
Semester: 1

**PSB441 PLANNING/LANDSCAPE DESIGN 5**

Reinforcement of site planning and techniques. Development and communication of vision statements, aims and objectives. Designing for sustainable futures. Using design science principles to ensure comfort and fit. The principles of design for climate, landscape, and the environment, including the role of topography, vegetation, structures, and surface materials - considered as part of the design solution(s). The project is based on one location and involves a specific community group. Project has three stages: analysis of the community structure and its needs, the settings and its physical potential and constraints and discipline orientated proposals for the community/location improvement.

Courses: BN31  
Prerequisites: PSB431  
Contact hours: 4 per week  
Credit points: 12  
Campus: GP  
Semester: 2

**PSB442 PLANT STUDIES (L'SCAPE ONLY)**

Plant Ecology: Resources for studying plants (vegetation and human herbariums, keys, other locally), classification and nomenclature, evolution of the plant kingdom, plant systematics, plant anatomy, plant physiology, form and function, requirements for plant growth, plants and habitats, populations, ecosystems, disturbance, weeds, pattern and diversity. Horticulture: Design characteristics and criteria; use of plants as structural and design elements within the landscape; principles of planting design; scale; design for change, growth, replacement, and maintenance; planting design in typical locations such as streets, parks, urban forecourts, interiors, gardens, foreshores, and broad scale regeneration and stabilisation.

Courses: BN31  
Prerequisites: PSB422  
Contact hours: 3 per week  
Credit points: 12  
Campus: GP  
Semester: 2

**PSB443 POPULATION AND URBAN STUDIES**


Courses: BN31  
Contact hours: 3 per week  
Credit points: 12  
Campus: GP

**PSB444 LANDSCAPE CONSTRUCTION B (L'SCAPE ONLY)**

The units comprise three primary components: grading (manipulation of land surfaces); materials and construction elements (development of understanding of the properties and use of construction materials relevant to landscape construction); introduction to structures (principles of structural mechanics). In all of these attention will be paid to development of appropriate technical drawing and documentation techniques for the preparation of construction documentation.

Courses: BN31  
Contact hours: 3 per week  
Credit points: 12  
Campus: GP  
Semester: 2

**PSB445 INFRASTRUCTURE PLANNING (URP ONLY)**

Transport studies and the links between land uses and transport. Main modes of transport and their requirements and impacts. Methods of predicting transport patterns. Additional and innovative analytical methods, Demographic trends in Australia, Gentrification, Housing supply and demand, Small towns in Australia, Gentrification, Housing supply and demand, Small towns in Australia, Gentrification, Housing supply and demand. Traditional and innovative planning approaches to the roles of different levels of government in relation to land use policy.

Courses: BN31  
Contact hours: 3 per week  
Credit points: 12  
Campus: GP  
Semester: 2

**PSB461 PLANNING/LANDSCAPE DESIGN 6**

This unit requires individual work supported by informal workshops. The content is organised within a community and based upon an area, which has a complex array of uses, constraints and opportunities. Following an overview of the given area and a statement of broad directions for improving the quality of the physical and social environments, each student proposes an individual study topic. The topic is then researched and a study area analysis undertaken to develop a brief for development of subsequent proposals. Each student carries through the brief by developing conceptual and detailed proposals for the community/location improvement.

Courses: BN31  
Prerequisites: PSB444  
Contact hours: 4 per week  
Credit points: 12  
Campus: GP  
Semester: 2

**PSB462 CONSERVATION AND MANAGEMENT**

Composite unit containing two segments: heritage studies (conservation) and land use policies and evaluation (management). The conservation segment deals with the theory and practice behind the conservation of the built and natural environment. It includes the introduction to the Australia ICOMOS’ Burra Charter, and conservation principles and accepted procedures, methods of cataloguing and assessing and criteria for nomination. The management segment deals with the roles of different levels of government in relation to land use policy.

Courses: BN31  
Contact hours: 3 per week  
Credit points: 12  
Campus: GP  
Semester: 1

**PSB611 INTRODUCTION TO URBAN AND REGIONAL ECONOMICS**

Microeconomics (global and national macroeconomic forces as they affect firms will be outlined); free market and its imperfections; market failure and the control 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; volatile size and the problem of externalities; methodologies such as Australian regional accounting and cost benefit analysis.

Courses: PS47, PS48  
Contact hours: 3 per week  
Credit points: 12  
Campus: GP  
Semester: 2

**PSB612 SPATIAL AND LAND INFORMATION MANAGEMENT**

Spatial Information Science Application Areas: application areas; resource management; urban and rural planning; cadastral administration; facilities management. System Planning: system design, overview, functional requirements analysis; system evaluation; benchmarking. System Implementation: database creation; implementation, testing and evaluation; system testing. Other Aspects: standards; legal issues; knowledge-based techniques.

Courses: PS47, PS48  
Prerequisites: PSB631  
Contact hours: 4 per week  
Credit points: 12  
Campus: GP

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UNIT SYNOPSIS

PSB613 LAND DEVELOPMENT PRINCIPLES AND POLICIES

Prerequisites: courses concerned with sustainabil-
ity of land development from an economic, ecological and social perspective.

Contact hours: 3 per week Credit points: 12
Semester: 2 Campus: GP

PSB614 URBAN AND RURAL DESIGN PRACTICE

The history of land development, especially urban land development, in Australia and in Queensland. The effects of technology and social attitudes on urban development. The physical, economic and social determinants of land use. Land development as an economic activity. Economic, social and political benefits of land development and management. Geometric layout of urban and urban roads. For urban subdivisions. Site analysis and assessment including traffic planning; storm water and sewerage systems; provision and location of services.; controls affecting subdivisions - negotiations, applications, appeals and prepara-
tions for Court.

Courses: PS47, PS48 Prerequisites: PSB613
Contact hours: 4 per week Credit points: 12
Semester: 2 Campus: GP

PSB615 URBAN AND RURAL DESIGN RESEARCH

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 as a cost effective means of streamlining approval processes and cash flow analysis for subdivision projects. Feasibility studies, designing to a budget. Preparation of a complete application for a local authority appro-
apval.

Courses: PS47, PS48 Prerequisites: PSB614
Contact hours: 4 per week Credit points: 12
Semester: 2 Campus: GP

PSB620 CADAstral SURVEYING AND MAPPING

Land Title Systems, Reinstatement: An explana-
tion of the components of land title systems, with particular reference to Customary Land Tenure, Private Deeds registration, Public Deeds Registra-
tion, and Registration of Title. An analysis of reinstatement of property boundaries as applica-
tible 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. Cadastral and detailed re-instatement. Statis-
tory requirements which relate to the zoning and development of land.

Courses: PS47, PS48 Contact hours: 5 per week Credit points: 12
Semester: 1 Campus: GP

PSB621 ADVANCED CADAstral SURVEYING

Property rights as a method of resource control. Creating and maintaining knowledge of property rights; including issues concerned with parcel identifiers, land tenure, land boundaries, land subdivision, land registration, changing rights through statutory changes, attitudes and re-
sponses 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, evolving property rights and obligations, and on information technology on land use controls. Procedures of the various de-
partmental bodies, including not confined to, the Department of Lands, Resources Industries.

Courses: PS47, PS48 Prerequisites: PSB620
Contact hours: 4 per week Credit points: 12
Semester: 2 Campus: GP

PSB630 CARTOGRAPHY AND DIGITAL MAPPING

Digital data acquisition: types of digitisers and scanners, raster/vector conversions, digitising techniques, scanning problems; output devices; printers, plotters, scanner plotters, image setters. 3-D representation and precision plotting. Condi-

Courses: PS47, PS48
Contact hours: 4 per week Credit points: 12
Semester: 1 Campus: GP

PSB631 GEOGRAPHIC INFORMATION SYSTEMS 1

This unit investigates the basic concepts of geo-
ographic information systems. Topics to be cov-
ered include components of GIS, spatial data-
bases, data acquisition, reference frameworks, use of photographs and images, spatial analysis and graph and graphic output design issues.

Courses: PS47, PS48, PS78, PS79
Contact hours: 4 per week Credit points: 12
Semester: 2 Campus: GP

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, an Independent-Block triangulation by bundle method GPS con-

Courses: PS47, PS48
Prerequisites: PSB631, PSB642
Contact hours: 4 per week Credit points: 12
Semester: 2 Campus: GP

PSB633 MAP PRODUCTION: PRINCIPLES AND PRACTICE

Map design, map production principles; map production practice, map publishing; reprograph-
ics and printing methods; desktop publishing, colour system for cartographic drawing; colour separation, grid and graticules and design layout, interactive mapping and selection of layers, generalisation and symbolisation.

Courses: PS47, PS48
Prerequisites: PSB632
Contact hours: 4 per week Credit points: 12
Semester: 1, 2 Campus: 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 of第一百 as an engineering discipline, earthwork definition, analysis and extraction of engineering data; interpretation of data and map construction.

Courses: PS47, PS48
Prerequisites: PSB434 (PS47 only)
Contact hours: 5 per week Credit points: 12
Semester: 2, 3 Campus: GP

PSB641 ENGINEERING SURVEYING

Horizontal and Vertical alignment for route sur-
veys. Areas, volumes and earthworks. Surveying measurements and their assessment, Propagation of Variances, Pre-analysis of survey tasks, Least Squares adjustment methods for various func-
tional and stochastic models.

Courses: PS47, PS48
Prerequisites: PSB640
Contact hours: 5 per week Credit points: 12
Semester: 2 Campus: GP

PSB642 CONTROL SURVEYING AND ANALYSIS

Reconnaissance for geodetic surveys - formulate mathematical models for the solution of linear and non-linear positioning in one, two and three dimensions. Geodetic observations techniques, equipment and reduction formulae. The three classical methods of geometrical surveying, that of triangula-
tion, trilateration and traversing. Precise levelling includ-
ing instrumental and statistical properties of the

Courses: PS47, PS48
Prerequisites: PSB641, MAB730
Contact hours: 5 per week Credit points: 12
Semester: 1 Campus: GP

PSB643 GEOIDYSE

Theory: Concept and classification of geoidyse, the basic concepts of the earth’s gravity field, level surfaces and plumb lines, gravity, mean sea level, spherical harmonics etc, funda-
mentals of satellite geoidyse, reference coordinate systems. GPS positioning models and algorithms, software, GPS field observing, various GPS applications in geomatics. Mapping terms and definitions; the mapping problem. Principles for design and development of GIS. The use of skew graticules. The UTM system.

Courses: PS47, PS48
Prerequisites: PSB642
Contact hours: 4 per week Credit points: 12
Semester: 2 Campus: GP

PSB644 ADVANCED GEOIDYSE (a) Theory: GPS operation and navigation mes-
ocode. 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
Prerequisites: PSB643
Contact hours: 4 per week Credit points: 12
Semester: 2 Campus: GP

PSB650 PROJECT 1

(1) Students will study an existing approved unit from within the School, Faculty or University. Students will study the chosen unit under the above elective code. Or (2) Students will study a special topic of interest such as a series of lectures delivered by a specialist in that field, in which case a unit outline will be prepared and issued before the commencement of that unit. Students will study under the above elective code. Or (3) In the case of an approved stream of study, students may be allowed to enrol in the actual code of the unit being taken.

Courses: PS47, PS48
Credit points: 12
Semester: 1

PSB651 PROJECT 2

(1) Students will study an existing approved unit from within the School, Faculty or University. Students will study the chosen unit under the above elective code. Or (2) Students will study a special topic of interest such as a series of lectures delivered by a specialist in that field, in which case a unit outline will be prepared and issued before the commencement of that unit. Students will study under the above elective code. Or (3) In the case of an approved stream of study, students may be allowed to enrol in the actual code of the unit being taken.

Courses: PS47, PS48
Credit points: 12
Semester: 2

PSB652 TOPICS IN LAND ADMINISTRATION

Students will study Topics in Land Administra-
tion delivered by a specialist in that field. A unit outline will be prepared and issued before the commencement of that unit.

Courses: PS47, PS48
Contact hours: 4 per week Credit points: 12
Semester: 2 Campus: GP

PSB653 TOPICS IN SURVEYING ENGINEERING

Students will study a special topic in Surveying Engineering delivered by a specialist in that field.

Courses: PS47, PS48
Contact hours: 4 per week Credit points: 12
Semester: 2 Campus: GP

PSB654 TOPICS IN SPATIAL INFORMATION SCIENCE

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UNIT SYNOPSIS

PSN211 ADVANCED SPECIALISATION

The student develops further the approved specialisation to an advanced level. Students may enrol 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 PSN501 Specialisation in an earlier semester. The Advanced Specialisation will be 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: PS66, PS71
Credit points: 12
Semester: 1, 2

PSP266 COMMUNICATION AND PRACTICE

Integrates into an advanced level 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 (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
Semester: 1, 2

PSP267 HERITAGE AND PLANT STUDIES

Landscape Design History: The evolutionary development of designed landscapes (part of landscapes created and maintained by humans) within a global context, highlighting Australia; use of chronological, biographical and thematic approaches to landscape history; the theory and practice behind the conservation of the built environment, and especially cultural landscape heritage; an introduction to the Venice Charter and the Florence Charter; ICOMOS' Burra Charter; conservation principles and accepted procedures. Plant Studies: temporary and permanent theory and practice behind the use of plants by landscape architects.

Courses: PS66, PS71
Credit points: 12
Semester: 1, 2

PSP268 SITE PLANNING

Theory: introduction to the processes of site planning and detailed site design; role and objectives of survey and analysis phases; types of information required and the methods of processing the resultant data; data analysis, its scope and documentation. The use of data analysis to generate and evaluate possible problem solutions in conceptual form as a basis for strategic and master planning; and the value of these processes as a long term mechanism for adaptation of master planning to meet changing needs. Application of site planning principles and theory for different scales and types of projects.

Credit points: 12
Semester: 1

PSP269 ADVANCED CONSTRUCTION AND PRACTICE 1

Theories, values, rationales, and philosophies of place; design processes and dimensions; immutability and livability 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 and barrier-free environments; the development of supported and inclusive public spaces, exercises, and personal experience in daily life.

Courses: PS66, PS71, PS75
Credit points: 12
Semester: 1

PSP270 ELECTIVE

The profession of landscape architecture is increasingly characterised by the core competencies in which its practitioners engage. Therefore, there is a need to provide mechanisms within the course for some specialisation in particular directions in addition to ensuring the acquisition of core competencies required for professional accreditation. This unit is intended to provide that framework. A number of cross disciplinary areas specialisations are offered such as; social and environmental planning; contemporary art issues; visual design; and urban design.

Courses: PS66, PS71, PS77
Credit points: 12
Semester: 1

PSP271 ADVANCED LANDSCAPE SCONE CONSTRUCTION

Contemporary theories of urban design as they affect the range of urban landscapes from residential to inner city; and emerging theories and
UNI SYNOPSES

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 aspects of the urban environment, residential environments and broader urban issues of the contemporary urban context. Expectations of a teaching level of professional presentation will attach to the project output.

Courses: PS66, PS71
Credit points: 12
Campus: GP
Semester: 1

■ PSP272 LANDSCAPE PLANNING

Landscape planning theory; the theoretical framework of landscape planning; relevant theories, methods, and techniques for application in the Faculty. Concepts of urban landscapes: supporting theories; types of GIS, probabilities and potential issues, and current issues. Advanced Landscape Ecology: Selection of design applications; Through understanding of human behavior and the environment. 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 the assessment and evaluation of landscape attributes and issues with emphasis on deriving landscape management options in the form of environmental policies, plans, guidelines, and implementation strategies.

Courses: PS66, PS71
Credit points: 12
Campus: GP
Semester: 2

■ PSP275 ADVANCED LANDSCAPE DESIGN 2

Cultural Values: provides the theoretical background and understanding of how cultural values influence place making through interpretation of place and the cultural landscape. Studio: Advanced Landscape Design 2 is the last design unit in the course. The studio project focus of this unit will provide the opportunity to develop a graduating landscape design project of the highest standard. The project will explore broad scale landscape design and strategic planning and planning guidelines as well as detailed design at a finer scale.

Courses: PS66, PS71
Credit points: 12
Campus: GP
Semester: 2

■ PSP275 INTRODUCTORY DESIGN AND DRAWING

The modules in this Unit will introduce a basic understanding of design and perception theory, freehand and technical graphics necessary for meaningful participation in professional core studies. By the end of this unit students are expected to understand basic concepts of perception and basic design techniques and theories, and to develop a design appreciation, design awareness, and a design vocabulary; develop an initial proficiency in freehand and technical drawing and to develop understanding of basic drawing conventions and processes; and develop abilities to generate confidence for individual progress with style and technique in later study.

Courses: BN73, DB69, DB73, PS69, PS69, PS75, PS76, PS77
Credit points: 12
Campus: GP
Semester: 3

■ PSP311 PROFESSIONAL PRACTICE MANAGEMENT 1

Business communication; letters, report writing, correspondence and administration for surveying projects. Oral communication involving interviews, 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 in relationships, clients and marketing. Survey integration and aspects of change in the practice of surveying.

Courses: PS68, PS73, PS74
Contact hours: 42
Credit points: 12
Campus: GP
Semester: 1

■ PSP314 BOUNDARY DEFINITION SURVEYS 1

Land registration requirements; Cadstral history, field procedures and records; Reinstatement of property rights related to urban and rural boundaries; Field survey work involving the redefinition of urban and rural boundaries; Office procedures for the increasing complexity to develop the necessary skills in assessing various types of survey problems. Office completion of project including plan preparation using appropriate computer technology.

Courses: PS68
Contact hours: 42
Credit points: 12
Campus: GP
Semester: 1

■ PSP316 SURVEY COMPUTING AND PROCESSING

Understand and use of the DOS operating system and computer programs: Word processing; project management, spreadsheets; Programmable calculators for field use; Surveying and drafting packages; Management and technical applications.

Courses: PS68, PS73, PS74
Contact hours: 42
Credit points: 12
Campus: GP
Semester: 1

■ PSP317 PROPERTY DEVELOPMENT SURVEYS

An examination of the legislation involved with the above. Detailed consideration of urban and rural subdivision design and requirements. Procedures involved with rezoning and subdivision applications. Design, preparation of building units and group titles developments. Consideration of multiple use development.

Courses: PS68
Contact hours: 42
Credit points: 12
Campus: GP
Semester: 1

■ PSP323 PROJECT SITE SURVEYS

Detail surveying; methods, equipment, data requirements and data transfer; Preparation of specifications and estimates of costs; Detail survey field project work; Processing of field data, report and project presentations. Types of construct and building control surveys and preparation of plans and specifications. Inspection of building construction sites are involved; Receipt of instructions, preparation of communications with contractors. Field procedures involving high precision survey and error adjustment techniques involved with construction and control building and detailed surveys and construction site set out calculations.

Courses: PS68, PS73, PS74
Contact hours: 42
Credit points: 12
Campus: GP
Semester: 2

■ PSP326 GIS AND GPS

Project work involving the total assessment, planning, costing and preparation of specifications for a comprehensive mapping task. Consideration to GPS theory and practical application of the methods to conventional surveying. Considerations of the limitations of the methods and practical application in conventional surveying practice.

Courses: PS68, PS73, PS74
Contact hours: 42
Credit points: 12
Campus: GP
Semester: 2

■ PSP327 ENGINEERING SURVEYING

Assessment of available technology, configuration of measuring systems and recording of data. Project definition and preparation of specifications including field methodology, documentation requirements of field records and determination and assessment of results. Management of engineering survey projects including determination of cost, preparation of submissions, working with the client and dealing with on-site variations. Consideration of specific requirements related to: long-line survey control; road surveys; flood surveys; curves and batters and other marking for construction and road design.

Courses: PS68
Contact hours: 42
Credit points: 12
Campus: GP
Semester: 2

■ PSP328 BOUNDARY DEFINITION SURVEYS 2

Reinstatement exercises becoming increasingly more complex and difficult. Field survey work associated with difficult boundary definition. Field survey project work associated with boundary definition for easement surveys and mining lease surveys.

Courses: PS68
Contact hours: 42
Credit points: 12
Campus: GP
Semester: 2

■ PSP330 PROFESSIONAL PRACTICE MANAGEMENT 2

Application 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 principles.

Courses: PS68
Prerequisites: PSP311
Contact hours: 42
Credit points: 12
Campus: GP
Semester: 2

■ PSP451 PRODUCTION AND USE OF THE BUILT ENVIRONMENT

This unit investigates the roles and combined effects of the initiators of the built environment, in the public, private and community sectors. The aim of the unit is to provide a synthesised understanding of how the city is created by the priorities and approaches of a variety of professionals, political decision-makers and informal participants. The property, finance and construction industries, the legal and administrative system, the roles and cultures of key professions (including property management, valuing, business, engineering, surveying, planning, architecture, and urban design) in the city. Urban design techniques such as charrettes and action planning workshops.

Courses: BN73, PS69, DB73, DB69
Contact hours: 3 per week
Credit points: 12
Campus: GP
Semester: 2

■ PSP452 URBAN DESIGN STUDIO A

The analysis of urban issues in a particular area, and the formulation of appropriate urban design proposals. Issues may include obsolescence, sense of place, conservation, infill, and the dynamic of local/regional/national/global contexts. Methods of urban design guidance, development briefing and control, through regulations and strategies. The development of skills in urban analysis related to the urban design process and effective communication of the results. Where applicable, the unit will incorporate field work, work in other units of the course, and joint/complementary projects with other courses in the Faculty.

Courses: BN73, PS69, DB73, DB69
Contact hours: 6 per week
Credit points: 24
Campus: GP
Semester: 2

■ PSP453 URBAN SYSTEMS AND THE BUILT ENVIRONMENT

The relationship between the urban system and the physical environment. Urban services including waste management, drainage, sewerage, telecom- munications, transport; controlling authorities, service delivery bodies, planning requirements and controls relevant to urban design. Commu-
UNIT SYNOPTES

COURSES: PUB108 INFORMATION MANAGEMENT FOR HEALTH
This unit provides students with a range of understanding and processes for analysing, interpreting and managing home economics class-rooms in order to maximise learning. Long and short term planning is explored with an emphasis on planning, implementing and evaluating lesson strategies and classroom techniques. The nature of home economics and how this is manifested in curriculum documents are examined.
Courses: PUB108 Information Management for Health
Prerequisites: 48 credit points in relevant discipline area
Contact hours: 4 per week
Credit points: 12
Campus: KG
Semester: 2

PUB321 TEXTILE STUDIES
Scientific understandings, social issues, production techniques and the aesthetic aspects of textiles are explored. These are applied to individual textile projects.
Courses: PUB321 Textile Studies
Contact hours: 5 per week
Credit points: 12
Campus: KG
Semester: 2

PUB322 HOME ECONOMICS CURRICULUM STUDIES
Enables students to make independent judgements about home economics curriculum decision-making, within syllabus guidelines and broad academic and vocational curriculum policies concomitant with national and international trends in education and society. Students are given the opportunity to explore current issues and emerging future trends in home economics and to develop a confident approach to school-based curriculum de-
 development. Advanced teaching strategies and current assessment procedures are developed.

Courses: ED50  Prerequisites: PUB312
Contact hours: 5 per week  Credit points: 12
Campus: KG  Semester: 1

► PUB336 EPIDEMIOLOGY
This unit introduces the empirical scientific method of public health. It is the study of the distribution of health and disease in the population and includes the recognition and causes of disease and the effectiveness of public health programs. Epidemiological methods are used to generate the evidence-based for clinicians, health promotion specialists, health education professionals, and environmental health officers and health service managers.

Courses: PU40, PU43, HL42, HL43, HL46, IF85, IF87, PU40
Prerequisites: PUB251
Contact hours: 3 per week  Credit points: 12
Incompatible with: PUB314

► PUB339 FAMILIES AND HOUSEHOLDS
This unit involves examination of the family and households in Australia and internationally. Perceptions of the family as a natural functions of the family, cooperative, symbiotic, interactive, conflict and feminist.ED50  Prerequisites: PUB105
Contact hours: 3 per week  Credit points: 12
Campus: KG  Semester: 1

► PUB354 OCCUPATIONAL HEALTH
This unit explores the role of occupational health and safety in the workplace for a range of health care professionals. This unit aims to provide students with an understanding of occupational health and safety, workplace injury, and risk management strategies for a range of environments.

Courses: PUB304, PUB406
Prerequisites: PUB221, PUB314, KS1061, PUB211
Credit points: 12
Campus: KG  Semester: 2

► PUB355 HOSPITALITY STUDIES
The use of relevant management principles, safe hygiene and sanitation, and effective communication skills, the mastery of techniques in food production and presentation associated with vocational education and industry are explored in this unit.

Courses: PUB15, PUB10
Contact hours: 3 per week  Credit points: 12
Campus: KG  Semester: 2

► PUB360 CLINICAL CLASSIFICATION
This unit introduces the development of skills in one of the major specialities of health information management: 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, PUB40
Prerequisites: PUB220, PUB314, LBS361 or PUB25
Contact hours: 4 per week  Credit points: 12
Campus: KG  Semester: 2

► PUB362 TEXTILES 2
An understanding of textile consumer issues is developed by studying theoretical and scientific explorations, production practices and creative processes in relation to creating and designing textile articles.

Courses: PUB10, PUB15
Contact hours: 3 per week  Credit points: 12
Campus: KG  Semester: 2

► PUB363 NUTRITION EDUCATION
This unit explores the nature and philosophy of nutrition education as well as its theoretical basis. Students develop skills in the development, implementation and evaluation of nutrition education programs for particular target groups. They are introduced to a range of nutrition education programs currently underway as well as policy underpinning these. There is an opportunity to develop a real world example.

Courses: ED50, PU40, PU43
Prerequisites: PUB201
Contact hours: 3 per week  Credit points: 12
Campus: KG  Semester: 2

► PUB343 HOME ECONOMICS STUDIES
This unit explores the nature of Home Economics, its contribution to the broader goals of socializing and socialising theories that underlie Home Economics teaching and learning. It links discipline studies, curriculum studies and field experiences.

Courses: ED90  Contact hours: 3 per week  Credit points: 12
Campus: KG  Semester: 1

► PUB345 FAMILIES AND HOUSEHOLDS
This unit involves examination of the family and households in Australia and internationally. Perceptions of the family as a natural functions of the family, cooperative, symbiotic, interactive, conflict and feminist.ED50  Prerequisites: PUB105
Contact hours: 3 per week  Credit points: 12
Campus: KG  Semester: 1

► PUB398 HEALTH INFORMATION SERVICES
This unit aims to provide students with an understanding of the potential brokerage of health information services their expertise may provide. In addition to coverage of hospital-based information services, other processes and systems such as health terminologies and classifications, statistical reporting to health authorities, form design and management and information management strategies related to environmental pollution and environmental protection; waste pollution and conservation. Courses: PUB330, PUB300
Contact hours: 5 per week  Credit points: 12
Campus: KG  Semester: 2
UNIT SYNOPTES

**PUB409 COMMUNICABLE DISEASE: PREVENTION AND CONTROL**

This unit will provide an overview of the study and prevention of communicable diseases. Despite the widening scope of public health practice, the incidence of current and emerging communicable diseases (nationally and internationally) remains one of the greatest challenges for practitioners. This unit will provide an overview of communicable diseases and discuss current surveillance, control and prevention methods/strategies implemented by health care providers. 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.

**Prerequisites:** PUB410 Emergency Health Services Major Only.

**Contact hours:** 15 (includes clinic work)

**Credit points:** 12

**Semester:** 2

**PUB437 PHARMACOLOGY**

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. The unit content will include: introduction to pharmacology, and why they are used for a condition is emphasised.

**Contact hours:** 15

**Credit points:** 12

**Semester:** 2

**PUB438 MEDICINE**

Following completion of this unit, students should be able to recognise and understand the clinical features, pathogenesis and significance of common conditions affecting the lower limbs, for example: claudication, vascular spasm and cramp paralysis, ataxia, deformity and ulceration, inter-trophic disturbances and their resultant effects in common conditions affecting the lower limbs, for example: claudication, vascular spasm and cramp paralysis, ataxia, deformity and ulceration, inter-trophic disturbances and their resultant effects in the many aspects of information systems you may encounter in the health care industry. These practical skills acquired in this unit can be applied to a wide range of public health works, including community-based program evaluation, international health and health social science research.

**Courses:** PUB43, HL43

**Credit points:** 12

**Semester:** 2

**PUB441 QUALITATIVE INQUIRY IN PUBLIC HEALTH**

Qualitative methods are essential to generate knowledge of people’s lived experiences, the meanings they ascribe to them, and to the social dimension of health. The nature and complexities of many public health problems require a mix of research methods and the combinations of qualitative inquiry are increasingly recognised. The practical skills acquired in this unit can be applied to a wide range of public health works, including community-based program evaluation, international health and health social science research.

**Courses:** PUB40

**Credit points:** 12

**Semester:** 2

**PUB474 FOOD STUDIES**

To fulfill their needs as future professionals working in food related areas, students will explore the nature of foods and its constituents, studying the underlying scientific principles that relate to the manufacture, preservation, distribution and the final production of food items for consumption.

**Courses:** PUB474

**Contact hours:** 15

**Credit points:** 12

**Semester:** 1

**PUB480 HEALTH ADMINISTRATION FINANCE**

Financial administration and resource/financial management are critical to the measurement of health status and health of the population. This unit will 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

**Courses:** IF47, IF85, NS45, PU40

**Credit points:** 12

**Semester:** 2

**PUB486 ETHICS AND THE LAW IN HEALTH SERVICE DELIVERY**

This unit enables students to develop an awareness of the ethical and legal issues associated with the public sector and health care in the pre-hospital care setting. This unit covers topics relating to the code of ethics, the code of conduct and the legislation unique to the emergency

**Courses:** IF47, IF85, NS45, PU40

**Credit points:** 12

**Semester:** 2

**PUB501 APPLIED COUNSELLING FOR HEALTH PROFESSIONALS**

In addition to having a sound knowledge of their specific area of speciality, health professionals also require specialised skills and techniques that will assist them in communicating with others. Furthermore they may 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:** PUB201, PUB314, or PUB326

**Credit points:** 12

**Semester:** 2

**PUB506 FOODSERVICE MANAGEMENT**

Organisation and planning in the foodservice; the financial administration and resource/financial management are critical to the measurement of health status and health of the population. This unit will 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

**Courses:** PUB506

**Contact hours:** 3 per week

**Credit points:** 12

**Semester:** 2

**PUB509 NUTRITION**

Nutrition is one of the most important determinants of a community’s health. This unit addresses the measurement of the nutritional status of a community; nutrition monitoring and surveillance; food and nutrition policy at international, national and state levels; dietary guidelines and food issues; nutritional epidemiology; nutrition problems within Australia examination of the evidence; at risk groups; tools and their validity for measuring nutritional status; an outcome on the population level and diet quality; intake methodology.

**Courses:** PUB509

**Credit points:** 12

**Semester:** 1

**PUB510 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 may 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:** PUB201, PUB314, or PUB326

**Credit points:** 12

**Semester:** 2

**PUB511 SOCIAL AND COMMUNITY HEALTH)**

The principles underpinning evidence based medicine and clinical pathways (incl. variance analysis) are presented, methods of health care performance measurement are explored, and a clinical quality framework model is introduced.

**Courses:** PUB511

**Contact hours:** 3 per week

**Credit points:** 12

**Semester:** 2
unit is particularly relevant to students who are interested in international health development work.

Courses: PUB40
Prerequisites: 192 credit points, PUB251, PUB252
Contact hours: 3 per week Credit points: 6
Semester: 1

► PUB599 HEALTH INFORMATION MANAGEMENT 3
This unit introduces students to the concepts and processes of quality management in health and development of health related policy and procedures. Students will examine and review health information systems outside acute care hospitals, and explore alternative clinical classification and health information services. Courses: IF87, PUB40
Prerequisites: PUB298, successful completion of practical component
Contact hours: 3 per week Credit points: 12
Semester: 2

► PUB604 POLICY AND MANAGEMENT PRINCIPLES FOR ENVIRONMENTAL HEALTH
To provide an overview of current policy and management issues faced in environmental health practice and development, and discuss current issues such as the National Environmental Health Strategy, sustainable development and Local Agenda 21, economic evaluation and ethical considerations. Students will examine and review health information systems outside acute care hospitals, and explore alternative clinical classification and health information services. Courses: IF87, PUB40
Prerequisites: PUB510 Corequisites: PUB630 Contact hours: 4 per week Credit points: 12
Semester: 2

► PUB606 DIETETIC MANAGEMENT
Foods and the role of management in dietetics; planning and organisation; leadership; peer review systems; total quality management; clinical costing; program evaluation and management. Information systems applied to dietetic management; managing change; casemix funding, management tools, marketing, planning community based programs; team building; managing role conflict.
Courses: HL42, PUB43
Prerequisites: PUB506, PUB722 Contact hours: 3 per week Credit points: 12
Semester: 2

► PUB607 PROMOTING ORAL HEALTH
This unit aims to present oral health promotion as an emerging public health field further integrating academic disciplines. Students will be introduced to the methodologies of health evaluation and resource allocation. Contact hours: 3, 4 per week Credit points: 12
Semester: 2

► PUB609 HEALTH RESOURCE ALLOCATION
This unit aims to prepare students for participation in health sector decision making by underpinned by a range of health specific evaluation activities. The unit provides students with a grounding in the methodologies of health evaluation and resource allocation. Courses: HL38, HL46, HL68, HL88, IF47, NHS69
Prerequisites: PUB233 Contact hours: 3 per week Credit points: 12
Semester: 2

► PUB611 RISK MANAGEMENT
Provides students with the knowledge and skills for the assessment and quantification of risk in the workplace. It will investigate the various models available to investigate and analyse accident events and propose strategies to prevent similar incidents in the future. Various hazard identification and risk assessment techniques will be covered including HAZOP, Fault Tree Analysis and FMEA. 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 one day seminar.
Courses: IF87, PUB40
Contact hours: 3 per week Credit points: 12
Semester: 2

► PUB616 HEALTH, SAFETY & ENVIRONMENTAL PRACTICE 2
This unit will build on the experience gained by students in General Practice 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 them. The unit should act as a culminating experience for students who have undertaken the BHifthSe in Health Safety and Environmental Health and Safety.
Courses: PUB40
Prerequisites: PUB521
Contact hours: 3 per week Credit points: 12
Semester: 2

► PUB619 HEALTH INFORMATION MANAGEMENT 4
This unit examines the role and function of the health information manager in the management of health care services; the principles and processes of management as applied to health information services, current issues in health information management and professional skills will be enhanced. Coding skills will be refined and enhanced using hospital patient records.
Courses: IF87, PUB40
Prerequisites: PUB456, PUB599
Contact hours: 3 per week Credit points: 12
Semester: 2

► PUB624 PODIATRIC MEDICINE 4
Extends the student by way of a greater role in independent case investigation and clinical case presentations. Complex cases and treatment interventions are pursued. The theory and treatment of paediatric disorders is studied. Introduction to specialist clinics in the podiatry faculty and treatment of higher order cases. Students implement a wide range of treatments and should be able to consolidate skills acquired. Diagnostic skills will be developed with the wide range of patients being treated and the specialised study of disciplines such as dermatology and radiology further integrating academic and clinical studies.
Courses: PUB43
Prerequisites: PUB524 Corequisites: PUB635 Contact hours: 16 (clinical work)
Credit points: 12
Semester: 2

► PUB628 ADVANCED FOOD STUDIES
Builds on the fundamental knowledge of nutrition gained in Food Science and Food Technology and extends the student by way of a greater role in independent case investigation and clinical case presentations. Complex cases and treatment interventions are pursued. The theory and treatment of paediatric disorders is studied. Introduction to specialist clinics in the podiatry faculty and treatment of higher order cases. Students implement a wide range of treatments and should be able to consolidate skills acquired. Diagnostic skills will be developed with the wide range of patients being treated and the specialised study of disciplines such as dermatology and radiology further integrating academic and clinical studies.
Courses: PUB43
Prerequisites: PUB506, PUB622 Contact hours: 4 per week Credit points: 12
Semester: 2

► PUB630 ENVIRONMENTAL HEALTH PRACTICE 2
Visits to various establishments studied in units relating to environmental health management, pollution sciences and food studies for the purpose of practical demonstration, evaluation and professional experience. Includes discussion of professional ethics, multicultural issues, and selected health policy and law topics.
Courses: IF87, PUB40
Prerequisites: PUB510, PUB517
Contact hours: 3 per week Credit points: 12
Semester: 2

► PUB632 INDEPENDENT STUDY
Independent Study allows students to study a topic which is not otherwise available as a formal unit. Students have the opportunity to pursue their studies relatively independently and to develop and practice skills in literature research, information, evaluation and critical thinking. The study may be for example a literature review or a project. Outcomes are negotiated in a contract with a supervisor.
Courses: PUB40, PUB43
Prerequisites: Completion of 192 credit points
Credit points: 12
Semester: 2

► PUB633 HEALTH INFORMATICS
An understanding of computer applications in health is important to making an effective contribution to the planning and evaluation of health care systems and within the health care environment. These aspects include the planning, specification, development, implementation, control and management of such systems.
Courses: PUB40
Prerequisites: 192 credit points
Contact hours: 3 per week Credit points: 12
Semester: 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: HL43, PUB43
Prerequisites: PUB438, PUB522, PUB539, PUB639
Corequisites: PUB659 Contact hours: 3 (including surgical work)
Credit points: 12
Semester: 2

► PUB636 OCCUPATIONAL HYGIENE
Occupational hygiene is described, the recognition and evaluation of hazards in the workplace. Workplaces contain numerous substances that are potentially hazardous to the health of the workforce other occupants and the public. Occupational hygiene spans a number of disciplines including toxicology science engineering and statistics. The student will need to develop strong investigative and analytical abilities and professional judgment. Students will also develop skills in evaluating the extent of workplace hazards. A preventative approach to dealing with occupational health problems is emphasised, along with understanding the control hierarchy and the use of exposure standards.
Courses: PUB40
Prerequisites: PUB242, PUB404 Contact hours: 5 per week Credit points: 12
Semester: 2

► PUB637 RADIOGRAPHIC IMAGE INTERPRETATION
This unit is designed to assist the student of podiatric medicine an understanding and ability to recognise normal and abnormal foot radiographs. It will also enable the student to apply this knowledge as an important diagnostic tool in foot pathology.
Courses: PUB43
Prerequisites: PUB525 Contact hours: 3 per week Credit points: 12
Semester: 2

Q U T H A N D B O O K 2 0 0 4 • P A G E 5 5 9
UNIT SYNOPSIS

► PUB638 ORTHOPAEDICS & SPORTS MEDICINE 1
This unit provides students with a detailed knowledge of orthopaedic and musculoskeletal conditions affecting the lower limb. The unit also discusses the assessment and management of the sporting patient.
Courses: HL43, PU43
Prerequisites: PUB537, PUB538
Corequisites: PUB635, PUB639
Credit points: 12
Incompatible with: PUB726, PUB827
Campus: KG

► PUB639 PODIATRIC MEDICINE 4
Extends the student by way of a greater role in independent case investigation and clinical case presentation, 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 a wider range of patients being treated and the specialised study of disciplines such as dermatology and radiology further integrating academic and clinical studies.
Courses: HL43, PU43
Prerequisites: PUB539
Credit hours: 12
Incompatible with: PUB624
Campus: KG

► PUB641 MEDICAL NUTRITION THERAPY 2
Medical nutrition therapy 2 builds on the extensive knowledge base of the theory and application on of dietary treatment to disease and the principles of nutritional assessment development in Medical Nutrition Therapy 1.
Courses: HL42, PU43
Prerequisites: PUB541 Corequisites: PUB628
Credit hours: 5 per week
Credit points: 12
Campus: KG
Semester: 2

► PUB644 HEALTH PROMOTING SCHOOLS
This subject is designed to extend students' understanding of health promotion in a school setting. The learning objectives for this course are designed to reinforce the links between education and health, in relation to the planning, implementation and evaluation of a school-based health promotion intervention. It also addresses some of the management issues that underlie such an approach to the promotion of health and well-being in the school community. Case studies or activities offer a range of opportunity for reflection and investigation.
Courses: HL38, HL68, HL88, PU39, PU60, PUB89
Prerequisites: 196 credit points
Credit points: 12
Campus: KG
Semester: 2

► PUB669 MANAGEMENT OF HEALTH INFORMATION SERVICES
This unit is the final one in the suite of health information management related units. As a result, it will have a strong focus on professional issues and current trends in HIIN practice. It will examine the roles and functions of the health information manager in the management of health care services in the current health environment. Class activities will concentrate on the principles and processes of management as applied to health information services. A problem based learning approach will be adopted to give students experience in ‘real world’ activities.
Courses: PU40
Prerequisites: PUB108, PUB398, PUB490, PUB558
Contact hours: 3 per week
Credit points: 12
Incompatible with: PUB619
Campus: KG

► PUB695 INDUSTRIAL TRAINING EXPERIENCE
This unit is an 8-weeks placement in paid employment related to Occupational Health and Safety under the joint supervision of an industry supervisor and an academic adviser. The academic adviser obtains reports from the student and their work supervisor at regular intervals. The student is required to complete a progressive assessment program. Results are determined on the basis of reports, continuous assessment and the employers report.
Courses: AU
Prerequisites: Completion of years 1 and 2 of the PU40, GPA of 4.5 or above
Credit points: 24
Campus: EXT
Semester: 1, 2
► PUB722 PRACTICE IN CLINICAL DIETETICS
Students are required to develop skills in the management of nutritional care of clients in the clinical setting, to a standard that allows entry to the Dietetics profession. This unit incorporates the basic principles of the dietetic care process as assessment, planning, implementation and evaluation of nutritional care, for clients who have a variety of disease states. Students also need to demonstrate basic skills in research in relation to clinical outcome.
Courses: HL42, PU43
Prerequisites: PUB875
Credit points: 12
Campus: KG
Semester: 1

► PUB726 ORTHOPAEDICS
Orthopaedics develops a detailed knowledge of general and lower limb orthopaedic conditions, with an emphasis on the lower limb. Surgical treatment of conditions seen by the Podiatrist offers an understanding of the special problems associated with the lower limb.
Courses: PU43
Prerequisites: PUB624, PUB635, PUB637
Contact hours: 3 per week
Credit points: 12
Campus: KG
Semester: 1

► PUB727 PHYSICAL MEDICINE
Introduction to a wide range of diagnostic and physical treatment modalities used in modern orthopaedic practice. Students gain understanding in uses, applications, contraindications and limitations of each modality studied in direct connection with ongoing clinical studies and theoretical components of podiatric medicine.
Courses: PU43
Prerequisites: PUB624
Contact hours: 3 per week
Credit points: 12
Campus: KG
Semester: 1

► PUB728 CLINICAL MEDICINE 1
Students are expected to integrate knowledge and skills obtained from the specialist podiatry clinics at the University facility. They will undertake a leadership role with third year students by way of 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 in children and adults. Students will gain experience in the management of complex conditions, with an emphasis on the lower limb. Surgical treatment of conditions seen by the Podiatrist offers an understanding of the special problems associated with the lower limb.
Courses: PU43
Prerequisites: PUB624
Contact hours: 3 per week
Credit points: 12
Campus: KG
Semester: 1

► PUB738 ADVANCED CLINICAL MEDICINE 1
The aim of this unit is to develop high-level clinical skills and professionalism in a range of clinical settings. Increased understanding of the various clinical and non-clinical roles that podiatrists play in the community will be emphasised through external placements.
Courses: HL43, PU43
Prerequisites: PUB538, PUB635, PUB638, PUB639
Contact hours: 9 per week
Credit points: 12
Incompatible with: PUB728
Campus: KG

► PUB739 PODIATRIC MEDICINE 5
The aim of this unit is to provide you with the diagnostic and treatment skills necessary to manage patients with more complex conditions, in both contemporary issues in podiatry including national and international issues, and to encourage you to critically evaluate the medical literature to inform your clinical decisions.
Courses: HL43, PU43
Prerequisites: PUB537, PUB538, PUB635, PUB638, PUB639
Credit points: 12
Campus: KG
Semester: 1

► PUB821-1 PRACTICE IN COMMUNITY NUTRITION
Involves a four week practical placement off-campus where students work on various projects and gain experience in the nutrition and health care of groups in a variety of community, workplace and school settings; provision of a nutrition education session to a community group and a practical examination at the end of the Semester.
Courses: HL42, PU43
Prerequisites: Completion of all prior Nutrition & Dietetics core units
Credit points: 6
Campus: KG
Semester: 1, 2

► PUB821-2 PRACTICE IN COMMUNITY NUTRITION
Involves a four week practical placement off-campus where students work on various projects and gain experience in the nutrition and health care of groups in a variety of community, workplace and school settings; provision of a nutrition education session to a community group and a practical examination at the end of the Semester.
Courses: HL42, PU43
Prerequisites: PUB821-1
Credit points: 6
Campus: KG
Semester: 2

► PUB822-1 PRACTICE IN FOOD SERVICE MANAGEMENT
A four week practical component consisting of up to four separate placements in hospitals, nursing homes, correctional centres or other locations to gain experience in food service management.
Courses: HL42, PU43
Prerequisites: Completion of all prior Nutrition & Dietetics core units
Credit points: 6
Campus: KG
Semester: 1, 2

► PUB822-2 PRACTICE IN FOOD SERVICE MANAGEMENT
A four week practical component consisting of up to four separate placements in hospitals, nursing homes, correctional centres or other locations to gain experience in food service management.
Courses: PU43, HL42
Prerequisites: PUB822-1
Credit points: 6
Campus: KG
Semester: 2
UNIT SYNOPSIS

**PU826 PROJECT AND PROFESSIONAL MANAGEMENT**

Explains two key concepts. Firstly, how a professional practice may be set up and how a small practice can operate as a business enterprise. Management concepts are explained. Secondly, it develops an interest in podiatry research using scientific methods of investigation. Students are encouraged to publish these projects as original material in related professional journals.

**Courses:** HL43, PU43
**Contact hours:** 3 per week  
**Credit points:** 12  
**Campus:** KG  
**Semester:** 2

**PU827 SPORTS MEDICINE**

Emphasis is given to the importance of a multidisciplinary approach to the diagnosis, evaluation, and treatment of sports injuries. Students study the symptomology of lower limb pathologies as related to specific sports and devise treatment programs. An understanding of the principles of human fitness and potential in relation to athletic expectations for entry into the podiatry profession.

**Courses:** PU827  
**Corequisites:** PUB523, PUB624  
**Contact hours:** 6 per week  
**Credit points:** 12  
**Campus:** KG  
**Semester:** 2

**PU828 CLINICAL MEDICINE 2**

Students will be expected to further integrate and apply additional knowledge obtained from the first semester towards the needs of specialist patients who attend the university podiatry clinic. In particular, elements of pre-, post- and intra-operative surgical considerations will be utilised. A further significant development of the clinic will provide the student with specialist skills in the treatment of developmental disorders and conditions.

**Courses:** PU843  
**Prerequisites:** PUB528  
**Corequisites:** PUB528  
**Contact hours:** 6 per week  
**Credit points:** 12  
**Campus:** KG  
**Semester:** 2

**PU829 PROFESSIONAL INTERNSHIP 2**

Students undertake a placement in relevant podiatry departments to gain important experience in the management of complex problems, which require a specialist podiatric perspective. The students will observe and develop critical problem solving skills in the broader environment of private practice, hospitals and community health. This experience consolidates the multi-disciplinary nature of health care delivery and educates students on the roles of other health care providers. This leads to a more judicious approach to implementing effective health care. Experience gained is applied by the student in the specialist clinical environment during the fourth year of the program. Students may undertake placement for up to a three-week period.

**Courses:** PU843  
**Prerequisites:** PUB528  
**Corequisites:** PUB528  
**Contact hours:** 12 (clinical work)  
**Credit points:** 12  
**Campus:** KG  
**Semester:** 2

**PU838 ADVANCED CLINICAL STUDIES 2**

The aim of this unit is to develop high-level clinical skills and professionalism in a range of clinical settings. Increased understanding of the various clinical and non-clinical roles that podiatrists play in the community will be emphasised through external placements. You will complete clinical rotations not attempted in PUB838 Advanced Clinical Studies 1.

**Courses:** HL43, PU43  
**Prerequisites:** PUB378, PUB379  
**Contact hours:** 9 per week  
**Credit points:** 12  
**Incompatibility with:** PUB829  
**Campus:** KG

**PU839 PODIATRIC MEDICINE 6**

The aim of this unit is to ensure that you are able to diagnose and utilise knowledge and skills expected for entry into the podiatry profession.

**Courses:** HL43, PU43  
**Prerequisites:** PUB379  
**Credit points:** 12  
**Campus:** KG

**PU875 PROFESSIONAL PRACTICE**

This unit is undertaken by students in the public health, and nutrition and dietetics branches of the BHSc. It provides students with the opportunities 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 or workplace context.

**Courses:** PUB42, PUB46, PUB47, PUB48, PUB40, PU43  
**Prerequisites:** NUD / NUT successful completion of all core units. All other major, completion of 216 credit points including PUB514  
**Contact hours:** 4 per week  
**Credit points:** 12  
**Campus:** KG  
**Semester:** 2

**PU8001 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 concept of risk management in the workplace. The unit examines the effective ways to manage risks to the organisation, its environment and the potential loss exposures are examined in some detail.

**Courses:** HL38, HL68, HL88, IF88, PU32, PU60, PU65, PU85  
**Contact hours:** 3 per week  
**Credit points:** 12  
**Campus:** KG  
**Semester:** 2

**PU8008 RISK ASSESSMENT**

Provides the skills necessary to identify and assess risks. Qualitative, semi-quantitative and quantitative methods of risk assessment are investigated. Emphasis is placed on the role of accident management in the context of the major perils likely to be considered by an organisation. Various risk analysis techniques including HAZOP, FMEA, hazard identification and analysis, statistical analysis, and probability are discussed.

**Courses:** HL38, HL68, HL88, HL90, IF88, PU60, PU65, PU85  
**Prerequisites:** PUB881  
**Corequisites:** PUB881  
**Contact hours:** 2 per week  
**Credit points:** 12  
**Semester:** 1, 2  
**Campus:** KG, EXT

**PU8009 RISK TREATMENT**

Critical and systematic methods of making decisions on appropriate risk treatment options are investigated. Options considered include risk avoidance, risk acceptance, risk reduction, consequence reduction, risk transfer and risk retention.

**Courses:** HL38, HL68, HL88, IF88, PU60, PU85  
**Prerequisites:** PUB881  
**Credit points:** 12  
**Incompatible with:** PUB8010  
**Campus:** EXT  
**Semester:** 1

**PU8101 IMPLEMENTING RISK MANAGEMENT**

A robust system is necessary to ensure the ongoing commitment to the risk management process and to ensure positive outcomes. The risk management process needs to be integrated and strategic in its approach. It requires commitment from senior management and an organisational strategy designed to maximise business value.

This unit will investigate the role of risk management in an organisation, organisational experiences in implementing risk management programs and ways of ensuring the success of a risk management program.

**Courses:** HL38, HL68, HL88, HL90, IF88, PU60, PU85  
**Prerequisites:** PUB881  
**Credit points:** 12  
**Campus:** KG

**PU8103 ADVANCED EPIDEMIOLOGY**

This unit’s aim is the mastery of key principles and concepts of research design. There has been an increasing demand for evidence-based health research, and an increasing trend towards research that considers complex biological, environmental and societal inter-relationships. Recent developments in epidemiology have contributed novel research designs and statistical methods to complement these needs. Throughout this unit, students will be exposed to these more sophisticated designs and analytical methods. Such knowledge is necessary for critical evaluation of the current research literature, for design of efficient research studies, and to inform appropriate interpretation of research results at a ‘best practice’ level.

**Courses:** HL38, HL68, HL88, HL90, PU60, PU85  
**Prerequisites:** HL7N05 or PUB316 or equivalent  
**Contact hours:** 3 per week  
**Credit points:** 12  
**Campus:** KG  
**Semester:** 2

**PU8105 HEALTH STATISTICS**

Becomes a common core unit, 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 data collection, analysis, statistical interpretation and the most common statistical methods to health data, and will also be made aware of data management principles in preparation for analysis. There will be a strong emphasis on applying concepts through critical reading and discussion of the literature and worked examples from a range of topic areas.

**Courses:** HL38, HL68, HL88, HL90, PU30, PU60, PU85  
**Contact hours:** 3 per week  
**Credit points:** 12  
**Campus:** KG, EXT  
**Semester:** 1

**PU8106 POPULATION HEALTH**

This unit addresses some of the significant issues in contemporary health and health management, including the complex relationship between health and social, economic, political and lifestyle factors and social disadvantage and health. It examines contemporary concepts of health and illness also drawing on historical examples. Potential health issues facing Australia and the world, such as the ageing of the population, the impact of genetic technology on health and the health of specific sub-populations are also examined.

**Courses:** HL38, HL68, HL88  
**Contact hours:** 3 per week  
**Credit points:** 12  
**Incompatible with:** Completion of PUB40/43 or PUB251 or PUB314 or PUBP10 or NSN622  
**Campus:** EXT

**PU8301 HEALTH, SAFETY AND ENVIRONMENTAL LAW AND MANAGEMENT**

Introduces students to the history of occupational health and safety and the impact on occupational health and safety practice of the law, and industrial relations. The theory and practice of occupational health and safety management is discussed.

**Courses:** HL38, HL68, HL88, PU60, PU65, PU85  
**Contact hours:** 3 per week  
**Credit points:** 12  
**Campus:** KG  
**Semester:** 1

**PU8302 DETERMINANTS OF WORKPLACE INJURY AND DISEASE**

This unit aims to provide students with an understanding of the complex relationship between health and social, economic, political and lifestyle factors and social disadvantage and health. It examines contemporary concepts of health and illness also drawing on historical examples. Potential health issues facing Australia and the world, such as the ageing of the population, the impact of genetic technology on health and the health of specific sub-populations are also examined.

**Courses:** HL38, HL68, HL88, PU60, PU65, PU85  
**Contact hours:** 3 per week  
**Credit points:** 12  
**Campus:** KG  
**Semester:** 1

**PU8601 CONTEMPORARY HEALTH POLICIES**

Health systems and their structure and functioning are outcomes of health policy. Well informed and developed policy makes an important contribution to the health of the community. This unit aims to evaluate the policy making process in health in Australia and globally. Topics include policy development, policy analysis and evaluation, health policy at the national and international level and the role of consumers.

**Courses:** HL38, HL68, HL88, HL90, PU38, PU60, PU85  
**Contact hours:** 6.5 x 2 days  
**Credit points:** 12  
**Campus:** KG, EXT  
**Semester:** 2
UNIT SYNOPSIS

PUN602 HEALTH PLANNING, MANAGEMENT AND EVALUATION
This unit offers theoretical and practical understanding of strategic management issues associated with managing resources and managing people. The aim of the unit is to enhance the students' understanding of strategic issues, the planning process, the design of current organisational, political, technological, and socio-economic developments. When examining the effects of organisational structures and changes in the individual and group performance in the workplace, the content draws on individual and group performance in the workplace.

Courses: HL38, HL68, HL88, HL90, PU60, PU85
Contact hours: 3 per week
Credit points: 12
Incompatible with: PUB511 or PUB512

PUN610 HEALTH ECONOMICS
This unit is designed to introduce students to little or no previous economics background to some microeconomics 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 pricing of health and market structures, and then moves onto more applied topics such as health insurance and health care delivery. 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. Appropriately, for this unit typically consists of assignment work.

Courses: HL38, HL68, HL88, HL90, PU38, PU60, PU85
Prerequisites: PU85, PU60; PUN692; PU38: PUN610
Contact hours: 3 per week
Credit points: 12
Incompatible with: PUB433
Campus: KG, EXT
Semester: 2

PUN608 HEALTH CARE FINANCE
This unit introduces students to essential conceptual frameworks that are fundamental to an understanding of the organisation of health care resources, within the health sector and of subsequence outcomes. The course is designed to develop the students' understanding of effectiveness, efficiency and equity with which to analyse health care delivery systems. The intention is to provide an understanding of some important intellectual apparatus that can be used to describe and understand health care delivery in a variety of settings and contexts.

Courses: HL38, HL68, HL88, PU60, PU85
Prerequisites: PUN692
Credit points: 12
Campus: EXT
Semester: 1

PUN610 HEALTH SERVICES MANAGEMENT
This unit offers theoretical and practical understanding of strategic management issues associated with managing resources and managing people. The course is structured so that readings, activities and assessment items allow students to take a critical and analytical approach to an organisational issue within the context of current organisational, political, technological, and socio-economic developments. The unit is designed to facilitate analytic skills and understanding of a range of management decision-making principles and processes applicable to health management.

Courses: HL38, HL68, HL88, HL90, PU38, PU60, PU85
Contact hours: 3 per week
Credit points: 12
Campus: KG, EXT
Semester: 2

PUN615 ADVANCED HEALTH SERVICE MANAGEMENT
The aim of the unit is to assist students to connect through the development and application of a framework for business planning, particularly related to the introduction of new practices in health care, consolidated by the application of the various research, writing and presentation skills. This unit is designed to assist health service managers to understand their roles in leading the organisation to develop their skills in strategic and tactical management.

Courses: HL38, HL68, HL88, HL90, PU60, PU85
Prerequisites: PUN610
Contact hours: 3 per week
Credit points: 12
Campus: KG, EXT
Semester: 1

PUN617 ENVIRONMENTAL HEALTH
This unit considers environmental health management as an important component in resolving health hazards in the community. Topics include the history of environmental health and its approaches to prevention, environmental health research, environmental health risk assessment and management, and environmental health practitioners and an overview of contemporary environmental health management issues and emerging policies.

Courses: HL38, HL68, HL88, HL90, PU32, PU60, PU85
Contact hours: 3 per week
Credit points: 12
Campus: EXT
Semester: 2

PUN620 CONCEPTS OF ENVIRONMENTAL HEALTH
Environmental Health professionals need to understand the inextricable link between human health and environmental problems. They must also understand the types of strategies available for assessing and controlling the risks associated with environmental health problems. This unit will examine some basic principles and concepts of environmental health including sustainable development and environmental health promotion. It will apply these principles to areas such as air pollution, transport, green consumerism, ecotourism and recycling. Environmental health issues occurring at that time. The Unit will also discuss future threats to public health such as long term climate change and population growth.

Courses: HL38, HL68, HL88, PU32, PU60, PU85
Contact hours: 3 per week
Credit points: 12
Incompatible with: PUB23, PUN611
Campus: KG, EXT
Semester: 2

PUP035 HEALTH PROMOTION STRATEGIES AND EVALUATION
Health promotion practitioners are likely to be engaged in the development, implementation and evaluation of health promotion programs to meet the needs of a diverse range of population groups. This unit covers issues related to health promotion planning, implementation and evaluation. This includes needs assessment, program planning and planning models, development of program goals and objectives, selection of health promotion strategies, program implementation and management, and program evaluation. The unit will cover topics such as the appropriate strategies for particular target groups, individuals, organisations, communities and specific population groups. It will also consider the development of methods for useful and effective evaluation.

Courses: HL38, HL68, HL88, HL90, PU93, PU60, PU85
Contact hours: 3 per week
Credit points: 12
Incompatible with: PUB23, PUN611
Campus: KG, EXT
Semester: 2
essences and the physical and mental demands of the task. Insight into ergonomics can assist practitioners to enhance their comfort, improve work efficiency and performance, and optimise work performance. Topics include: basic knowledge of human anatomy and physiology of body systems; occupational biomechanics; psychology.

**Courses:** HL38, HL68, HL88, PU60, PU65, PU85

**Prerequisites:** PUN301

**Contact hours:** 3 per week  
**Credit points:** 12

**Semester:** 2

**PU250 OCCUPATIONAL AND ENVIRONMENTAL MONITORING**

Occupational and environmental monitoring is described as the recognition evaluation and control of hazards in the workplace. Workplaces contain numerous substances that are potentially hazardous to the health of the workplace other occupants and the public. Occupational and environmental monitoring spans a number of disciplines including toxicology science engineering and statistics. The student will need to develop skills in exposure measurement and analytical abilities and professional judgment. Students will also develop skills in evaluating the extent of workplace hazards. A preventative approach to dealing with occupational health problems is emphasised based on an understanding of the control hierarchy, and the use of exposure standards.

**Courses:** HL38, HL68, HL88, HL90, PU60, PU65, PUN301

**Prerequisites:** PUN415

**Corequisites:** PUN415

**Contact hours:** 3 per week  
**Credit points:** 12

**Semester:** 2

**PU415 OCCUPATIONAL AND ENVIRONMENTAL HEALTH**

Occupational and environmental health are concerned with chemicals in the workplace and their biological effects. Students will learn about the pathological bases of disease in humans; chronic occupational diseases; occupational skin conditions; respiratory diseases; biological hazards in the workplace; and proteinase in environments. They will also learn about chemical and physical stresses and their physiological responses; physiological monitoring principles and practice; special risk groups; epidemiological principles and practice.

**Courses:** HL38, HL68, HL88, HL90, PU32, PU60, PU65, PUN301

**Prerequisites:** PUN301 (For PU32 or students completing EVH major the prerequisite is either PUN301 or PUN620)

**Contact hours:** 3 per week  
**Credit points:** 12

**Semester:** 2

**PUR200 EMERGING ISSUES IN PUBLIC HEALTH**

The topic of Public Health is evolving rapidly with respect to the nature of the problems it must address, the methods it uses to understand and influence population health, and the underlying philosophies that inform the field. As a consequence, it is important that all doctoral candidates develop an appreciation for new directions in Public Health to complement their solid foundations in more traditional practices.

**Courses:** HL90

**Prerequisites:** 72 credit points at advanced Masters/Doctoral level

**Contact hours:** 2 per week  
**Credit points:** 12

**Semester:** 2

**PYB000 ADVANCED PROFESSIONAL STUDIES**

This unit is suitable for health science practitioners wishing to extend their studies to advanced professional level and to an area of interprofessional relevance to the individual student. There is a need to be able to develop advanced practitioner skills, to develop an in-depth approach to developing and consolidating advanced skills in terms of health care delivery. This unit is designed to allow small groups of doctoral students to develop advanced skills in their chosen field, with the help and guidance of an academic mentor and to develop appreciation for these skills in other related disciplines.

**Courses:** HL90

**Prerequisites:** 72 credit points at advanced Masters/Doctoral level

**Credit points:** 12

**Semester:** 2

**PYB000 SCHOLARSHIP AND SKILLS (PSYCHOLOGY)**

This is a core unit in the first year. It focuses on the development of a number of generic competencies which are important outcomes of all QUT undergraduate programs. Psychology provides a skill-based, developed within various discipline contexts, upon which subsequent units in the course will build. The unit is an essential first stage in the development of key skills and understandings at the tertiary level.

**Courses:** PY45

**Contact hours:** 3 per week  
**Credit points:** 12

**Semester:** 1, 2

**PYB007 INTERPERSONAL PROCESSES AND SKILLS**

Psychology is generally a people-based profession with many positions involving not only understanding and testing people but communicating with them. More broadly however in most of many work and indeed within personal relationships, people need developed interpersonal skills and the ability to conceptualise interactive processes. Providing skills around communication are also the foundation for helping relationships and counselling.

**Courses:** PY45

**Contact hours:** 3 per week  
**Credit points:** 12

**Semester:** 1

**PYB010 INTRODUCTION TO SOCIAL PSYCHOLOGY 1A**

Psychology is a broad-ranging and multifaceted discipline which encompasses the scientific study of human behaviour, and the systematic application of knowledge gained from psychological research to a broad range of applied issues. This unit focuses on the areas of developmental psychology, social psychology, individual differences, and psychopathology.

**Courses:** PY45

**Contact hours:** 3 per week  
**Credit points:** 12

**Semester:** 2

**Incompatible with:** PYB007

**PYB012 PSYCHOLOGICAL RESEARCH METHODS**

An overview of the purposes and strategies of research; elementary research design; operation of knowledge gained from psychological testing procedures using t-tests. This unit provides students with an essential knowledge as a basis for their personal and professional effectiveness. It is the foundation for understanding further study in psychology and its many applications.

**Courses:** PY45

**Contact hours:** 3 per week  
**Credit points:** 12

**Semester:** 1, 2

**PYB054 PSYCHOLOGY AND GENDER**

What is gender? Theories of gender; male and female; masculine and feminine; roles versus power; counselling issues; old and new paradigms; history of psychology of gender; sexuality; theories of gender; sexuality; mothers and fathers; psychology constructs psychological constructs and the media; film and media; psychology of gender and power.

**Courses:** PY45

**Prerequisites:** PYB012 or PYB010

**Contact hours:** 3 per week  
**Credit points:** 12

**Semester:** 1

**PYB057 APPLIED COGNITIVE PSYCHOLOGY**

Overview of human information processing from basic biological and psychological processes to psychological aspects of sexual elements in relationship. Students will build. The unit is an essential first stage in the development of key skills and understandings at the tertiary level. The unit highlights the application of this basic knowledge to Real World problems in the domain of human-computer interaction.

**Courses:** PY45

**Contact hours:** 3 per week  
**Credit points:** 12

**Semester:** 1

**PYB067 HUMAN SEXUALITY**

This unit explores historical approaches to studying, explaining and treating human sexuality in a coherent and integrated way, with an awareness of the social nature of definitions of ‘normal’ or ‘acceptable’ sexual behaviour. Students will critically examine definitions of ‘healthy’ or ‘morally acceptable’ or ‘normal’ sexuality. Different models of sexuality are considered with an emphasis on contemporary critiques of the traditional paradigms of sexuality in the West.

**Courses:** PY45

**Contact hours:** 3 per week  
**Credit points:** 12

**Semester:** 1

**PYB073 INTRODUCTION TO BEHAVIOURAL SCIENCES AND THE ENVIRONMENT**

An understanding of the behavioural sciences underlies much of the interaction of health professions with their clients. Social factors that moderate human responses to health, disease, trauma and treatment, and the principles that underlie empathetic and effective intervention are crucial concepts for this unit. An understanding of psychological and social concepts and principles is essential for the provision of contemporary, holistic nursing care for individuals and groups, and an important element in the development of effective relationships with clients, colleagues and other members of a multidisciplinary health care team.

**Courses:** PY45

**Contact hours:** 2 per week  
**Credit points:** 12

**Semester:** 1

**PYB086 INTERPERSONAL AND GROUP PROCESSES**

People in many professions and in their own personal relationships need developed interpersonal skills and an ability to observe and conceptualise interactive processes. This applies to interpersonal relationships and small group settings, perhaps being the first step in learning, working and socialising. Knowledge of relevant microskills is essential for those preparing to teach relationship skills so that students will be able to design skill development programs in educational settings in the future. This applies to the important area of human sexuality where personal comfort for teachers is especially necessary in discussion of biological, social and psychological aspects of sexual elements in relationship.

**Courses:** PY45

**Contact hours:** 3 per week  
**Credit points:** 12

**Semester:** 2

**Incompatible with:** PYB007

**PYB010 INTRODUCTION TO PSYCHOLOGY 1A**

Psychology is a broad-ranging and multifaceted discipline which encompasses the scientific study of human behaviour, and the systematic application of knowledge gained from psychological research to a broad range of applied issues. This unit focuses on the areas of developmental psychology, social psychology, individual differences, and psychopathology.

**Courses:** PY45

**Contact hours:** 3 per week  
**Credit points:** 12

**Semester:** 1

**Incompatible with:** PYB012, PYB073

**PYB010 INTRODUCTION TO PSYCHOLOGY 1B**

Introduction to Psychology 1B extends the introduction provided in Introduction to Psychology 1A to psychology as the scientific study of human behaviour. This unit introduces students to the basic biological and psychological processes underlying perception, memory, learning, problem solving, consciousness, and language. In addition, research participation experience is provided to the students.

**Courses:** PY45

**Contact hours:** 3 per week  
**Credit points:** 12

**Semester:** 2

**PYB110 PSYCHOLOGICAL RESEARCH METHODS**

An overview of the purposes and strategies of research; elementary research design; operationalising variables; descriptive statistics; distributions of central tendency and spread; standard scores and percentiles. Understanding relationships between variables through correlation and regression. An introduction to hypothesis testing procedures using t-tests.

**Courses:** PY45

**Contact hours:** 3 per week  
**Credit points:** 12

**Semester:** 1

**Incompatible with:** MAB237, MAB247

**CA**
UNIT SYNOPSIS

**PYB158 INTRODUCTION TO SUBSTANCE ABUSE IN AUSTRALIA**
This unit introduces students to alcohol and drug use in the Australian context. The unit examines the terminology and definitions commonly associated with drugs and alcohol use as well as providing an overview of models of drug use. This unit will compare and contrast current trends in substance use across Australia and critically examine the legitimacy of this focus. Australian substance use/abuse patterns will be positioned within a global context.

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<th>Course hours: 3 per week</th>
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**PYB159 ALCOHOL AND OTHER DRUG STUDIES**
The focus of this unit is to give students an understanding of the extent of substance abuse in our community; who uses what, where and when; the models that have been advanced for understanding substance abuse; the intervention and therapeutic models utilised within the field; and the effects of substance abuse, physiologically, socially and psychologically.

| Prerequisites: 96 credit points |
|--------------------------|------------------|
| Contact hours: 3 per week | Credit points: 12 |
| Campus: CA | Semester: 1 |

**PYB201 PERCEPTION**
This unit presents an overview of perceptual and sensory processes in humans and other animals. Within this context, the topic of auditory perception, the unit also explores the skin senses, the chemical senses, and the orienting senses. In each case, the topics covered include how we can come to understand 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: PYB45, PYB07 |
|--------------------------|------------------|
| Prerequisites: PYB102 or PYB101 or PYB102 |
| Contact hours: 3 per week | Credit points: 12 |
| Campus: CA | Semester: 2 |

**PYB206 PERSONALITY**
This course is an overview of some of the major theories of personality to provide the student with an understanding of contemporary approaches to personality functioning. Emphasis will be given to the methods of studying and conducting research in personality. By studying normal personality processes, this unit provides a foundation for advanced studies in psychopathology.

| Courses: PYB45, PYB07 |
|--------------------------|------------------|
| Contact points: PYB101 PYB102 or PYB102 |

**PYB208 COUNSELING THEORY AND PRACTICE I**
This unit develops the student’s knowledge of the counselling process and skills and provides practice in changing human behaviour. It introduces a range of counselling approaches. It emphasises skills in Solution-Oriented approaches but also covers a range of models and skills for interaction with clients in various circumstances. To engage in professional counselling frameworks for learning, classes will initially include a review of neurobiology, introduction to pharmacokinetics, and an exploration of research methods used to investigate psychopharmacological effects of drugs on behaviour. Subsequent classes will address the history and origin of the more commonly used addictive substances, routes of administration, patterns of distribution and excretion, neuropharmacology, and effects of acute and chronic administration. Substances covered will include those that are most widely associated with problems of dependence and addiction.

| Courses: PYB45, PYB07 |
|--------------------------|------------------|
| Prerequisites: PYB158 or PYB159 |
| Contact hours: 3 per week | Credit points: 12 |
| Campus: CA | Semester: 1 |

**PYB257 GROUP WORK**
This unit explores a number of neuropsychological paradigms including classical and operant conditioning, associative learning, classes will initially include a review of neurobiology, introduction to pharmacokinetics, and an exploration of research methods used to investigate psychopharmacological effects of drugs on behaviour. Subsequent classes will address the history and origin of the more commonly used addictive substances, routes of administration, patterns of distribution and excretion, neuropharmacology, and effects of acute and chronic administration. Substances covered will include those that are most widely associated with problems of dependence and addiction.

| Courses: PYB45, PYB07 |
|--------------------------|------------------|
| Prerequisites: PYB101 or PYB102 |
| Contact hours: 3 per week | Credit points: 12 |
| Campus: CA | Semester: 2 |

**PYB258 INTRODUCTION TO THEORY AND RESEARCH IN HYPNOSIS**
This unit serves as an introduction to experimental hypnosis for those students who may wish to pursue postgraduate study in Clinical and Experimental Hypnosis. It covers: the nature of the relevant physical stimuli, experimental evidence supporting them, research paradigms including classical and operant conditioning, associative learning, classes will initially include a review of neurobiology, introduction to pharmacokinetics, and an exploration of research methods used to investigate psychopharmacological effects of drugs on behaviour. Subsequent classes will address the history and origin of the more commonly used addictive substances, routes of administration, patterns of distribution and excretion, neuropharmacology, and effects of acute and chronic administration. Substances covered will include those that are most widely associated with problems of dependence and addiction.

| Courses: PYB45, PYB07 |
|--------------------------|------------------|
| Prerequisites: PYB101, PYB102 |
| Contact hours: 3 per week | Credit points: 12 |
| Campus: CA | Semester: 1 |

**PYB305 APPLIED SOCIAL PSYCHOLOGY**
Social Psychology is the scientific study of how people’s thoughts, feelings and actions are influenced by the real, imagined or implied presence 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: PYB45, PYB07 |
|--------------------------|------------------|
| Prerequisites: PYB102 or PYB101 or PYB102 |
| Contact hours: 3 per week | Credit points: 12 |
| Campus: CA | Semester: 2 |

**PYB304 PHYSIOLOGICAL PSYCHOLOGY**
This unit aims to provide a broad introduction to the area of neuropsychology and discusses both the clinical and cognitive approaches in the field. Three broad areas will be covered, namely neuropsychology, neuropsychology, and the cognitive analysis of resulting deficits. Students will learn about major neuropsychological tests 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 aetiology, assessment and treatment, as well as the psycho-social effects such deficits have on the patients.

| Courses: PYB45 |
|--------------------------|------------------|
| Prerequisites: PYB101, PYB102 |
| Contact hours: 3 per week | Credit points: 12 |
| Campus: CA | Semester: 1 |

**PYB303 COGNITIVE PSYCHOLOGY**
This unit explores both the cognitive mechanisms involved in processing information and behavioural models of learning. The information processing component covers topics including: sensory storage, attention, pattern recognition, working memory, long-term memory, and applied psychology. The learning component deals with the phenomenology of behavioural learning paradigms including classical and operant conditioning. In both cases, the student will need for critical analysis of theories and the experimental evidence supporting them.

| Courses: PYB45, PYB07 |
|--------------------------|------------------|
| Prerequisites: 36 credit points of 2nd or 3rd year Psychology units |
| Contact hours: 3 per week | Credit points: 12 |
| Incompatible with: PYB057 |
| Campus: CA | Semester: 1 |
to analysis of variance and regression provided in PYB210, considering more complex designs involving two or more independent variables. The unit is both theoretical (including the use of conceptual formulae to analyse simple data sets by hand) and practical (analysing data sets using the SPSS statistical package), with the aim of giving students a firm understanding of the principles underlying these analyses.

Courses: PY45, PY07
Prerequisites: PYB205, PYB210
Contact hours: 3 per week  Credit points: 12
Semester: 2

► PYB350 ADVANCED STATISTICAL ANALYSIS
The unit provides students considering further study in psychology with a thorough grounding in the theoretical and practical uses of a variety of inferential 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 of

of others. To assess whether social psychology theories and models can offer insight into people in an applied context, it is essential to investigate the utility of these theories when translated to applied social settings. The student will study the application of social psychology methods, theories, principles and research findings to understanding and solving social issues.

Courses: PY45, PY07
Prerequisites: PYB205, PYB210
Contact hours: 3 per week  Credit points: 12
Semester: 1

► PYB336 PSYCHOPATHOLOGY
The unit provides an introduction to problems in psychological functioning and reviews research and studies of the major classes of mental illness in childhood and adulthood. Consideration of Verbal, non-verbal, social and cognitive factors within a counselling process paying attention to the person of the therapist and the counselling relationship. In order to respond appropriately and therapeutically to the needs of their clients, counsellors must have a clear understanding of the social and interactive processes which occur. Consideration of Verbal, non-verbal, social, emotional, psychological and social dimensions enables counsellors to develop effective, functional and client-focused relationships and to control biases, needs and possible exploitative practices.

Courses: PY45
Prerequisites: PYB302 or PYB101 or PYB102 and 36 credit points of second year (psychology or non-psychology) units
Contact hours: 3 per week  Credit points: 12
Semester: 2

► PYB351 PSYCHOLOGICAL ASSESSMENT
Psychological assessment is a way of evaluating psychological functioning and reviews research and studies of the major classes of mental illness in childhood and adulthood. Students select a research topic and design and conduct a related research project. This unit covers four parts (each of 12 credit points) which must be completed satisfactorily, incompatible with PY45, PY07
Contact hours: 3 per week  Credit points: 12
Semester: 2

► PYB356 COUNSELLING THEORY AND PRACTICE 2
This unit focuses on the common facilitative factors within a counselling process paying attention to the person of the therapist and the counselling relationship. In order to respond appropriately and therapeutically to the needs of their clients, counsellors must have a clear understanding of the social and interactive processes which occur. Consideration of Verbal, non-verbal, social, emotional, psychological and social dimensions enables counsellors to develop effective, functional and client-focused relationships and to control biases, needs and possible exploitative practices.

Courses: PY45
Prerequisites: PYB208
Contact hours: 3 per week  Credit points: 12
Semester: 1

► PYB394 APPLYING TRAFFIC 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.

Courses: PY45, PY07
Prerequisites: 96 credit points
Contact hours: 3 per week  Credit points: 12
Semester: 1

► PYB372 TRAFFIC PSYCHOLOGY AND BEHAVIOUR
This unit will review the wide range of factors that influence the behaviour of road users, particularly those that contribute to the incidence of road crashes or exacerbate their severity. It will consider all types of road users, including motor vehicle drivers and passengers, motorcycle riders, cyclists and pedestrians. The student will examine a range of theoretical models which have been used to explain the behaviour of road users.

Courses: PY45, PY07
Prerequisites: 96 credit points
Contact hours: 3 per week  Credit points: 12
Semester: 1

► PYB400-1 THESIS (PART 1)
This unit covers four parts (each of 12 credit points) which must be completed satisfactorily, leading to the submission of a research thesis. Students select a research topic and design and conduct a related research project using appropriate qualitative/qualitative methods of analysis. Research is reported in a written thesis following the APA fourth edition format. Assessment of the thesis will be in accordance with University assessment procedures.

Courses: PY09
Contact hours: 3 per week  Credit points: 12
Semester: 2

► PYB400-2 THESIS (PART 2)

Courses: PY09
Contact hours: 3 per week  Credit points: 12
Semester: 1

► PYB400-3 THESIS (PART 3)

Courses: PY09
Contact hours: 12
Semester: 1

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Campus: CA  Semester: 1, 2
► PYB400-4 THESIS (PART 4)  Credit points: 12

Campus: CA  Semester: 1, 2
► PYB401 ADVANCED RESEARCH METHODS
Provides the student with a firm understanding of a range of multivariate procedures as well as the skills to apply each analysis appropriately. In addition this unit aims to prepare students as critical consumers of psychological research.

Courses: PY09
Prerequisites: PYB350 or equivalent
Contact hours: 3 per week  Credit points: 12
Campus: CA  Semester: 1

► PYB402 COUNSELLING PSYCHOLOGY
This unit introduces the field of counselling psychology, one of the specialised professional Colleges within the Australian Psychological Society. The thematic focus is on the critical analysis, comparison, and evaluation of selected counselling orientations (for example, Solution-focused therapy, Narrative therapy, Cognitive-behavioural therapy, Psychodynamic therapy, etc). The comparison of these approaches involves major theoretical and practical issues relating to the integration of theory, research and ethical practice.

Courses: PY09
Prerequisites: PYB208 or equivalent
Contact hours: 3 per week  Credit points: 12
Campus: CA  Semester: 1

► PYB403 COGNITIVE NEUROPSYCHOLOGY
This unit aims to provide a broad introduction to the area of neuropsychology and discusses both the clinical and cognitive approaches in the field. Three broad areas will be covered, neuropsychology, neuropsychopathology, and the cognitive analysis of resulting deficits. The student will extend their knowledge of major neuroanatomical structures and their interconnections, with an emphasis on how these structures are involved in the normal psychological processes. A number of neuropsychological disorders will also be examined in terms of their diagnosis, assessment and treatment, as well as the psychosocial effects such deficits have on the patients.

Courses: PY09
Prerequisites: PYB303, PYB304, PYB311
Contact hours: 3 per week  Credit points: 12
Campus: CA  Semester: 1

► PYB404 ISSUES IN SOCIAL AND DEVELOPMENTAL PSYCHOLOGY
This unit evaluates the contributions of social and developmental psychology to the understanding of contemporary behaviour. It examines topics in social development, as they relate to families and individuals across the lifespan.

Courses: PY09
Prerequisites: 3 years of psychology and PYB203 or equivalent
Contact hours: 3 per week  Credit points: 12
Campus: CA  Semester: 1

► PYB405 ADVANCED ORGANISATIONAL PSYCHOLOGY
Students will explore the role of organisational psychologists as both internal and external consultants who are skilled psychological researchers, and apply this knowledge to managing and improving the performance of groups and 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: Prerequisites: PYB401
Contact hours: 3 per week  Credit points: 12
Campus: CA  Semester: 2
► PYB450-1 RESEARCH THESIS (PART 1)  Credit points: 12
Research project, listed as three separate 12 credit point units. To be completed as a group empirical research project.

Courses: PY20
Credit points: 12
Campus: CA  Semester: 1, 2
► PYB450-2 RESEARCH THESIS (PART 2)  Credit points: 12
Course: PY20
Campus: CA  Semester: 1, 2
► PYB450-3 RESEARCH THESIS (PART 3)  Credit points: 12
Course: PY20
Campus: CA  Semester: 1, 2
► PYN000 COUNSELLING STUDIES 1
This unit is intended to provide the student with a theoretical base of counselling from which to develop an initial understanding of the process of counselling and begin to build the knowledge and skills necessary to engage in the practice of psychological counselling. This unit will develop students' understanding of the complex nature of relationships between people and the skills necessary for these relationships to be effectively managed.

Courses: PY12
Contact hours: 3 per week  Credit points: 12
Campus: CA  Semester: 1
► PYN001 PROFESSIONAL STUDIES 1
This is an introduction to the professional study of Counselling and the ‘Common Factors’ present in most Counselling Approaches. These factors, which include the working relationship, the focus on client resources, and the instillation of hope, contribute greatly to the Counselling outcome. In order to respond appropriately and therapeutically to the needs of their clients, counsellors must have a clear understanding of the individual and the process that occur in counselling. Verbal, nonverbal, social, emotional, gender, psychological and cultural dimensions are all part of the counselling process. Consideration of these dimensions enables counsellors to develop effective, functional and client-focused relationships.

Courses: PY12
Contact hours: 3 per week  Credit points: 12
Campus: CA  Semester: 1
► PYN002 COUNSELLING STUDIES 2
The historical development of psychoanalysis and analytic therapy is examined as well as the utilisation of concepts derived from these approaches and from Process/Experiential work. Understanding of the differences between neurotic and psychotic behaviour, and of the need for appropriate referral, is highlighted.

Courses: PY12
Prerequisites: PYN000
Contact hours: 3 per week  Credit points: 12
Campus: CA  Semester: 2
► PYN003 GROUP STUDIES
The development of skills and approaches in group work is presented to other students. The completed project is to be presented in the form of a dissertation of not more than 12,000 words. Opportunity may be provided to work in the Family Therapy and Counselling Clinic as a way of achieving Project requirements. PYN001/1 is completed in semester 1/2 and PYN002/3 are completed in semester 2.

Courses: PY12
Prerequisites: PYN005
Contact hours: 3 per week  Credit points: 12
Campus: CA  Semester: 1
► PYN008-1 PROJECT (PART 1)
Student, with the guidance of a mentor, undertakes an individual project of theoretical and/or empirical research in a selected area of counselling. The project is supervised by a supervisor who has considerable experience in the field. The project may be undertaken in a College or in a College setting.

Courses: PY12
Prerequisites: PYN008-1
Contact hours: 3 per week  Credit points: 12
Campus: CA  Semester: 1
► PYN008-2 PROJECT (PART 2)
Student, with the guidance of a mentor, undertakes an individual project of theoretical and/or empirical research in a selected area of counselling. The project is supervised by a supervisor who has considerable experience in the field. The project may be undertaken in a College or in a College setting.

Courses: PY12
Prerequisites: PYN008-1
Contact hours: 3 per week  Credit points: 12
Campus: CA  Semester: 2
► PYN008-3 PROJECT (PART 3)
Student, with the guidance of a mentor, undertakes an individual project of theoretical and/or empirical research in a selected area of counselling. The project is supervised by a supervisor who has considerable experience in the field. The project may be undertaken in a College or in a College setting.

Courses: PY12
Prerequisites: PYN005
Contact hours: 3 per week  Credit points: 12
Campus: CA  Semester: 1
► PYN008-1 PROJECT (PART 1)
This unit is designed to provide both an experiential and skills-based approach to specific approaches. The unit is taught in two complementary modules. One strand extends the process into specific theoretical perspectives and skill development. The approaches build on some of the major orientations and skills covered in your previous courses: constructive therapies (ie solution-focused therapy and narrative therapy), psychodynamic approaches, and reflecting team work.

Courses: PY12
Prerequisites: PYN002
Contact hours: 3 per week  Credit points: 12
Campus: CA  Semester: 1

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Contact hours: 3 per week  Credit points: 12
Campus: CA  Semester: 2

PYN01 ADVANCED COUNSELLING STUDIES
This elective unit is designed to allow students to build on these skills by pursuing counselling specialisation courses or more specialised areas. Students will select studies in two modules. Areas from which selections can be made might include: Experiential Therapy, Family Therapy, Narrative Therapy, Relationship Counselling, Depression, Loss and Grief and Group Work. Students may also complete one or both modules through approved student research study (e.g. completion of approved workshops, courses or special areas of alternative study).
Courses: PY17  Prerequisites: PYN000
Contact hours: 3 per week  Credit points: 12
Campus: CA  Semester: 2

PYN04 RESEARCH FOR COUNSELLING PRACTICE
This unit aims to prepare students for the Reflecting Team counselling practice in the Family Therapy and Counselling Clinic in the third year project units. The unit also prepares students for applied counselling project work in professional practice settings.
Courses: PY12  Prerequisites: PYN000
Contact hours: 3 per week  Credit points: 12
Campus: CA  Semester: 2

PYN06 ADVANCED PSYCHOLOGICAL INTERVENTIONS
This unit provides the fundamental theoretical and applied approaches of counselling psychologists. It includes three major approaches to counselling - psychodynamic, cognitive and personal construct approaches. It includes an introduction to research methodology. The unit focuses on individual clients who have experienced major traumatic or developmental concerns.
Courses: PY17  Prerequisites: PYN040
Contact hours: 3 per week  Credit points: 12
Campus: CA  Semester: 1

PYN07 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 competence in test administration, interpretation, and the writing of reports in the counselling context.
Courses: PY17  Prerequisites: PYN031 or equivalent
Contact hours: 3 per week  Credit points: 12
Campus: CA  Semester: 1

PYN08 ADVANCED DEVELOPMENTAL PSYCHOLOGY
This unit provides the student with a foundation and critical awareness of the development and phenomenology of psychological disorders. The unit undertakes a systematic study of the mechanisms and etiology of psychological disorders in individuals across the lifespan.
Courses: PY17  Contact hours: 3 per week  Credit points: 12
Campus: CA  Semester: 1

PYN09 ADVANCED PSYCHOLOGICAL INTERVENTIONS 2
This unit focuses upon systemic and narrative approaches to relationship counselling and family therapy. Contemporary approaches to counselling helping families to constructively critique and utilise the ever-changing range of therapeutic procedures suitable for clients who present typically for counselling are discussed, as well as encouraging students to constructively critique and utilise the ever-increasing range of therapeutic procedures.
Courses: PY17  Prerequisites: PYN082
Contact hours: 3 per week  Credit points: 12
Campus: CA  Semester: 2

PYN10 ETHICAL, LEGAL AND SUPERVISION ISSUES IN COUNSELLING PSYCHOLOGY
Counselling psychology practice involves a unique relationship of special roles, power relationships, boundaries and ethical principles in order to safeguard client rights. This unit presents an overview of ethical and legal and professional issues encountered in practice, and also emphasises the role of supervision in addressing these.
Courses:PY17  Prerequisites: PYN026
Contact hours: 3 per week  Credit points: 12
Campus: CA  Semester: 2

PY031-1 RESEARCH THESIS (PART 1)
In completing the thesis, students will be expected to demonstrate competency in critical and analytic thought, on the one hand, and research-related skills, on the other, in a context that may make a contribution to the literature of Counselling Psychology. The unit will be divided into four 12 credit point sections which will be PYN031/1, PYN031/2, PYN031/3, PYN031/4.
Courses: PY17  Credit points: 12  Semester: 1

PY031-2 RESEARCH THESIS (PART 2)
Courses: PY17  Credit points: 12  Semester: 1

PY031-3 RESEARCH THESIS (PART 3)
Courses: PY17  Credit points: 12  Semester: 1

PY031-4 RESEARCH THESIS (PART 4)
Courses: PY17  Credit points: 12  Semester: 2

PY033 UNDERSTANDING AND TREATING POST TRAUMATIC STRESS DISORDER
The acceptance of Post Traumatic Stress Disorder (PTSD) as a diagnosis is indeed related to the effects of traumatic events experienced by soldiers in the Vietnam War. However, the pervasiveness of post traumatic stress disorder can be traced throughout human history. Currently the epidemiology, etiology, diagnosis and treatment of PTSD is experiencing unprecedented interest by a whole range of therapeutic professions. This unit focuses upon the way counselling psychologists can be useful in the understanding and the treatment of trauma in general and PTSD in particular.
Courses:PY17  Prerequisites: PYN026 Corequisites: PYN029
Contact hours: 3 per week  Credit points: 12
Campus: CA  Semester: 2

PY035 SUPERVISED PRACTICUM 1
This unit provides students with exposure to settings where counselling is the most frequently used therapeutic profession. This unit will consist of supervised client contact of up to 250 hours.
Courses: PY17  Prerequisites: PYN030
Credit points: 12  Semester: 1, 2

PY036 SUPERVISED PRACTICUM 2
This unit is intended to expose students to further in-depth experience of counselling psychology by focusing on placements, continuing on from PY035.
Courses: PY17  Prerequisites: PYN035
Credit points: 12  Semester: 1, 2

PY037 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  Semester: 2

PY038 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  Semester: 3

PY039 SUPERVISED PRACTICUM 5
This unit is intended to expose students to further in-depth experience of counselling psychology by focusing on placements.
Courses: PY17  Prerequisites: PYN038
Credit points: 12  Semester: 3

PY040 RESEARCH PSYCHOLOGY AND BEHAVIOUR
This unit will review the wide range of factors that influence the behaviour of road users, particularly those that contribute to the incidence of road crashes or exacerbate their severity. It will consider all types of road users, including motor vehicle drivers and passengers, motorcycle riders, cyclists and pedestrians. A range of theoretical models will be examined which have been used to explain the behaviour of road users.
Courses: PY040, PY41
Contact hours: 3 per week  Credit points: 12
Campus: CA  Semester: 1

PY041 APPLYING TRAFFIC PSYCHOLOGY
This unit will review the various strategies and programs designed to modify road user behaviour. Effective and ineffective approaches will be compared, in order to identify the key characteristics of successful programs. While this is a stand-alone unit, it extends many of the theoretical and practical issues covered in PY040 - Understanding Road User Behaviour.
Courses: PY040, PY41
Contact hours: 3 per week  Credit points: 12
Campus: CA  Semester: 1

PY042 ROAD SAFETY EVALUATION MODELS
This unit will introduce the models and methods used to evaluate behaviour change interventions. In particular, it will address the application of social and behavioural research methodologies to improve the planning, implementation and monitoring of road safety programs and countermeasures.
Courses: PY040, PY41
Contact hours: 3 per week  Credit points: 12
Campus: CA  Semester: 1

PY046 ROAD SAFETY THEORY TO PRACTICE
This unit will be undertaken in the latter half of both the Graduate Certificate and Graduate Diploma courses and will draw together the various themes developed during the program. It is designed to provide students with an opportunity to study and respond to an existing or emerging road safety problem. The student will be required to draw on the knowledge and skills they have developed in the program and to develop an action plan to solve 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: PY040, PY41  Prerequisites: PY040
Contact hours: 12 per semester, plus weekly contact with the Unit Coordinator
Credit points: 12
Campus: CA  Semester: 1, 2

PY047 INDEPENDENT STUDY
This unit enables students to undertake an independent study based in their places of work. Individual supervision and objective feedback on the experience will be an important component of the learning experience.
Courses: PY040  Prerequisites: PY040

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**Contact hours:** Weekly contact with Supervisor
**Credit points:** 12

**Campus:** KG
**Semester:** 1, 2

**QCE003 ENGLISH FOR ACADEMIC PURPOSES FOR DIRECT ENTRY TO QUT**

The major aim of the English for Academic Purposes course is to assist international students to upgrade their English proficiency level and to meet university entry requirements. This course is designed to prepare students for independent study and to familiarise them with an Australian academic setting in terms of study techniques and student/lecturer relations and expectations.

**Courses:**
- Contact hours: 25 per week
- Credit points: 48
- Campus: KG
  - Semester: 1, 2, 3

**QCE004 ENGLISH FOR ACADEMIC PURPOSES FOR QUTIC COURSES**

The major aim of the English for Academic Purposes course is to assist international students to upgrade their English proficiency level and to sources and its organisation formats. This course is designed to prepare students for independent study and to familiarise them with an Australian academic setting in terms of study techniques and student/lecturer relations and expectations.

**Courses:**
- Contact hours: 25 per week
- Credit points: 48
- Campus: KG
  - Semester: 1, 2, 3

**QCE005 ENGLISH FOR TERTIARY PREPARATION STUDIES**

The aim of the ETP course is to assist international students to upgrade their English proficiency level and to sources and its organisation formats. This course is designed to prepare students for independent study and to familiarise them with an Australian academic setting in terms of study techniques and student/lecturer relations and expectations.

**Courses:**
- Contact hours: 25 hours
- Credit points: 8
- Campus: KG
  - Semester: 1, 2, 3

**QCF111 TERTIARY PREPARATION STUDIES 1**

Introduces students to the study and learning skills required in an Australian university while gaining an understanding of the Australian culture and social systems. The course includes: a brief review of Australian history; the family and multiculturalism; using the computer to gather information and communicate in an academic environment, assignment presentation, study skills and examination techniques.

**Courses:**
- Contact hours: 5 per week
- Credit points: 12
- Campus: KG
  - Semester: 1, 2, 3

**QCF112 COMMUNICATION 1**

Designed to help students communicate successfully in a variety of academic contexts by oral and written communications. The course focuses on both academic and social settings.

**Courses:**
- Contact hours: 6 per week
- Credit points: 12
- Campus: KG
  - Semester: 1, 2, 3

**QCF120 ACCOUNTING 1**

Introduces the essentials of leak and investment; financial transactions via journals and ledger 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:**
- Contact hours: 4 per week
- Credit points: 12
- Campus: KG
  - Semester: 1, 2, 3

**QCF212 COMMUNICATION 2**

Introduces students to major economic issues; the basics of financial literacy necessary for future tertiary studies; a working knowledge of the global economy; an understanding of economic problems with particular reference to Australia; the main economic systems; the purpose of a five-sector model and the functions and characteristics of each sector.

**Courses:**
- Contact hours: 4 per week
- Credit points: 12
- Campus: KG
  - Semester: 1, 2, 3

**QCF212 ORGANISATIONS AND MANAGEMENT**

Provides students with an appreciation of what it is like to be an employee, appreciating that they play a major role in all aspects of our lives. Increasingly we are in an international environment where the exchange of information, the ability to learn and innovate, and to handle change. The unit focuses on the skills and the understanding of concepts that are needed in all areas of organisational life and which contribute to job and life satisfaction.

**Courses:**
- Contact hours: 4 per week
- Credit points: 12
- Campus: KG
  - Semester: 1, 2, 3

**QCF153 PHYSICAL SCIENCES 1**

Introduces students to scientific study and research methods. The basic principles of chemistry; the understanding of concepts that are relevant and time management. The unit focuses on the skills and the understanding of concepts that are needed in all areas of organisational life and which contribute to job and life satisfaction.

**Courses:**
- Contact hours: 5 per week
- Credit points: 12
- Campus: KG
  - Semester: 1, 2, 3

**QCF156 MATHEMATICS A1**

Focuses on basic rules of arithmetic; ratio, proportion and proportion; introduction to statistics; averages and interpretation of graphs; duration and graphical display; probability; arrangements and combinations; basic measurement, area and volume; spending money; borrowing money and investment.

**Courses:**
- Contact hours: 4 per week
- Credit points: 12
- Campus: KG
  - Semester: 1, 2, 3

**QCF157 MATHEMATICS B1**

Focuses on basic algebra; equations (including simultaneous equations); functions (including polynomials, exponential, logarithmic); growth and decay; introduction to trigonometry; factorisation; algebraic geometry; averages, interpretation of graphs and probability.

**Courses:**
- Contact hours: 4 per week
- Credit points: 12
- Campus: KG
  - Semester: 1, 2, 3

**QCF211 TERTIARY PREPARATION STUDIES 2**

Develops the skills initiated in Tertiary Preparation Studies 1; Australian government and law; foreign policy; oral presentations and preparation and presentation of a report.

**Courses:**
- Contact hours: 4 per week
- Credit points: 12
- Campus: KG
  - Semester: 1, 2, 3

**QCF212 COMMUNICATION 2**

Promotes clear and concise writing in particular genres (essays, assignments and reports) pertinent to undergraduate and postgraduate work. Emphasis is on basic primary and secondary technical skills related to assignment tasks; effective oral communication and coherent presentations and discussion; discussion; effective listening in lecture situations and answering exam questions with an awareness of relevance and time management.

**Courses:**
- Contact hours: 4 per week
- Credit points: 12
- Campus: KG
  - Semester: 1, 2, 3

**QCF212 ORGANISATIONS AND MANAGEMENT**

Provides students with an appreciation of what it is like to be an employee, appreciating that they play a major role in all aspects of our lives. Increasingly we are in an international environment where the exchange of information, the ability to learn and innovate, and to handle change. The unit focuses on the skills and the understanding of concepts that are needed in all areas of organisational life and which contribute to job and life satisfaction.

**Courses:**
- Contact hours: 4 per week
- Credit points: 12
- Campus: KG
  - Semester: 1, 2, 3

**QCF153 PHYSICAL SCIENCES 1**

Introduces students to scientific study and research methods. The basic principles of chemistry; the understanding of concepts that are relevant and time management. The unit focuses on the skills and the understanding of concepts that are needed in all areas of organisational life and which contribute to job and life satisfaction.

**Courses:**
- Contact hours: 5 per week
- Credit points: 12
- Campus: KG
  - Semester: 1, 2, 3

**QCF156 MATHEMATICS A1**

Focuses on basic rules of arithmetic; ratio, proportion and proportion; introduction to statistics; averages and interpretation of graphs; duration and graphical display; probability; arrangements and combinations; basic measurement, area and volume; spending money; borrowing money and investment.

**Courses:**
- Contact hours: 4 per week
- Credit points: 12
- Campus: KG
  - Semester: 1, 2, 3

**QCF157 MATHEMATICS B1**

Focuses on basic algebra; equations (including simultaneous equations); functions (including polynomials, exponential, logarithmic); growth and decay; introduction to trigonometry; factorisation; algebraic geometry; averages, interpretation of graphs and probability.

**Courses:**
- Contact hours: 4 per week
- Credit points: 12
- Campus: KG
  - Semester: 1, 2, 3

**QCF211 TERTIARY PREPARATION STUDIES 2**

Develops the skills initiated in Tertiary Preparation Studies 1; Australian government and law; foreign policy; oral presentations and preparation and presentation of a report.

**Courses:**
- Contact hours: 4 per week
- Credit points: 12
- Campus: KG
  - Semester: 1, 2, 3

**QCF212 COMMUNICATION 2**

Promotes clear and concise writing in particular genres (essays, assignments and reports) pertinent to undergraduate and postgraduate work. Emphasis is on basic primary and secondary technical skills related to assignment tasks; effective oral communication and coherent presentations and discussion; discussion; effective listening in lecture situations and answering exam questions with an awareness of relevance and time management.

**Courses:**
- Contact hours: 4 per week
- Credit points: 12
- Campus: KG
  - Semester: 1, 2, 3

**QCF153 PHYSICAL SCIENCES 1**

Introduces students to scientific study and research methods. The basic principles of chemistry; the understanding of concepts that are relevant and time management. The unit focuses on the skills and the understanding of concepts that are needed in all areas of organisational life and which contribute to job and life satisfaction.

**Courses:**
- Contact hours: 5 per week
- Credit points: 12
- Campus: KG
  - Semester: 1, 2, 3

**QCF156 MATHEMATICS A1**

Focuses on basic rules of arithmetic; ratio, proportion and proportion; introduction to statistics; averages and interpretation of graphs; duration and graphical display; probability; arrangements and combinations; basic measurement, area and volume; spending money; borrowing money and investment.

**Courses:**
- Contact hours: 4 per week
- Credit points: 12
- Campus: KG
  - Semester: 1, 2, 3

**QCF157 MATHEMATICS B1**

Focuses on basic algebra; equations (including simultaneous equations); functions (including polynomials, exponential, logarithmic); growth and decay; introduction to trigonometry; factorisation; algebraic geometry; averages, interpretation of graphs and probability.

**Courses:**
- Contact hours: 4 per week
- Credit points: 12
- Campus: KG
  - Semester: 1, 2, 3

**QCF211 TERTIARY PREPARATION STUDIES 2**

Develops the skills initiated in Tertiary Preparation Studies 1; Australian government and law; foreign policy; oral presentations and preparation and presentation of a report.

**Courses:**
- Contact hours: 4 per week
- Credit points: 12
- Campus: KG
  - Semester: 1, 2, 3

**QCF212 COMMUNICATION 2**

Promotes clear and concise writing in particular genres (essays, assignments and reports) pertinent to undergraduate and postgraduate work. Emphasis is on basic primary and secondary technical skills related to assignment tasks; effective oral communication and coherent presentations and discussion; discussion; effective listening in lecture situations and answering exam questions with an awareness of relevance and time management.

**Courses:**
- Contact hours: 4 per week
- Credit points: 12
- Campus: KG
  - Semester: 1, 2, 3
UNIT SYNOPSIS

► SPB007 HUMAN SEXUALITY AND LEARNING
Knowledge 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 family.

Courses: ED26, ED43, ED50, ED51, ED52, ED54, ED55, ED91, ED12, IF70-79
Contact hours: 3 per week  Credit points: 12

► SPB008 THE MIDDLE YEARS OF SCHOOLING
Provides an understanding of the developmental needs and interests of young adolescents and role of middle schools, and the implications for schools to address these issues. The unit analyses the work of agencies and major reports in the middle years of schooling and examines aspects of research focusing on reform in curriculum, pedagogy and the way schools are organised. The unit is one of four units forming a pathway into the middle years of schooling for primary and secondary teaching.

Courses: ED26, ED50, ED51, ED55, ED91, ED12, IF70-79
Contact hours: 3 per week  Credit points: 12

► SPB009 RESEARCH METHODS IN EDUCATION
Develops and applies 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: ED26, ED28, ED43, ED50, ED51, ED52, ED54, ED55, ED91, IF70-79
Contact hours: 3 per week  Credit points: 12

► SPB010 EDUCATION, LAW AND THE BEGINNING TEACHER
Law regulating education; student rights and responsibilities; teachers' rights and responsibilities; the role of teachers in education; law; students' rights; students' law and schools; parents' law and education; teachers' rights and responsibilities; the legal and ethical context of schools; educational malpractice.

Courses: ED26, ED43, ED50, ED51, ED52, ED54, ED55, ED91, IF70-79
Contact hours: 3 per week  Credit points: 12

► SPB011 LEARNING/TEACHING ENVIRONMENTS
The environmental context for learning/teaching; the relationship between learning environments and the way people interact in different learning environments; the design of learning experiences for particular learning contexts.

Courses: ED43, ED47, ED50, ED51, ED52, ED54, ED55, IF70-79
Prerequisites: 48 credit points of Education Studies
Contact hours: 3 per week  Credit points: 12

► SPB012 CLASSROOM AND BEHAVIOUR MANAGEMENT
Reviews and extends knowledge about managing learners to meet their needs in purposive and responsive learning environments. A reflective approach to behaviour management; models of teaching; foundational theories and current research with emphasis on the family; strategies for working with disaffected, teaching students who are geometrically malevolent.

Courses: ED26, ED43, ED50, ED51, ED52, ED54, ED55, ED91, ED12, IF70-79
Contact hours: 3 per week  Credit points: 12

► SPB013 PROGRESSIVE STRATEGIES FOR GENERAL AND VOCATIONAL EDUCATION
The interface between general and vocational education. 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 other frameworks and a few of the recent educational developments impinging on the profession of teaching. This unit promotes understanding of the key principles of convergence, and the means and interpretation of competence in practice from both a national and international perspective. Strategies which enable teachers to plan, implement and assess work programs in a manner consistent with contemporary educational thought are explored.

Courses: ED26, ED50, ED54, ED55, IF70-79
Contact hours: 3 per week  Credit points: 12

► SPB015 GETTING IT ALL TOGETHER: TEACHERS' PROFESSIONAL WORK IN THE PRIMARY CLASSROOM
Designed to address the multidimensional, diverse and complex nature of teachers' professional work in the primary classroom with a view to developing in graduating teachers an holistic, comprehensive and critical approach to the curriculum dilemmas that permeate their work.

Courses: ED51
Contact hours: 3 per week  Credit points: 12

► SPB016 TEACHERS AND THE CURRICULUM: MODELS AND PRACTICE
Development of concepts and strategies essential to the processes of school-based curriculum development; implementation and evaluation of relevant school programs; the significance of curriculum in the broader sense to a spectrum of individual professional teaching perspectives.

Courses: ED26, ED50, ED51, ED53, ED55, ED61, IF70-79
Contact hours: 3 per week  Credit points: 12

► SPB017 CLASSROOM MANAGEMENT: MODELS AND PRACTICE
Practical and research-based approaches to classroom management and discipline for teachers. Includes techniques that motivate pupils in daily teaching, role development, teaching for responsibility, dealing with parents and communication and setting up on-task behaviour and meeting student needs.

Courses: ED26, ED43, ED50, ED51, ED53, ED55, ED61, IF70-79
Contact hours: 3 per week  Credit points: 12

► SPB018 TEACHING STRATEGIES
Evaluation of the students' teaching strategies; the literature on teaching strategies; critical evaluation of strategies/models of teaching available.

Courses: ED26, ED50-52, ED54, ED55, ED61, ED47, ED91, ED62, IF70-79
Contact hours: 3 per week  Credit points: 12

► SPB019 INTRODUCTION TO EDUCATIONAL ADMINISTRATION
Introduction to educational administration with particular reference to the theory and practice of work roles, motivation, leadership, decision making, change, conflict, needs assessment and presentation of written reports for various educational settings.

Courses: ED26, ED43, ED50, ED51, ED52, ED54, ED55, IF70-79
Credit points: 12

► SPB020 CLASSROOM ASSESSMENT PRACTICES
Examination of the 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 with emphasis on practical applications by practising teachers.

Courses: ED26, ED43, ED50-55, ED61
Contact hours: 3 per week  Credit points: 12

► SPB022 THE MIDDLE YEARS CURRICULUM
This unit will enable students to gain an appreciation of the middle school movement and how this has potential impact on the needs and interests of young adolescents. The focus is on a more integrated approach to curriculum, teaching strategies appropriate to middle schools and authentic assessment.

Courses: ED26, ED50, ED51, ED55, ED91, ED82, IF70-79
Contact hours: 3 per week  Credit points: 12

► SPB023 ADULT LEARNING AND DEVELOPMENT
The psychological foundations of human learning and development with special emphasis on adults. Contemporary theories and research issues such as cognition and learning, the effect of motivation on learning, group influences, dynamics, self/identity development, and creating effective learning environments will be explored.

Courses: ED54, ED65
Contact hours: 3 per week  Credit points: 12

► SPB024 ACQUISITION AND ADAPTABILITY OF WORKPLACE KNOWLEDGE AND SKILLS
Explores the underlying theoretical constructs which may enhance the acquisition of knowledge and skills. In accord with the National Training Reform Agenda issues such as multiskilling, contextualised learning, intervention to accelerate performance, and transfer of knowledge and skill are addressed.

Courses: ED54
Contact hours: 3 per week  Credit points: 12

► SPB025 THE INDIVIDUAL IN ADULT AND WORKPLACE EDUCATION
Teaching and learning instruction to the needs and interests of individuals and acquiring confidence in planning, organising and implementing learning experiences. Focus on the range of learning opportunities and meetings to responsive positive learning environments and evaluating outcomes in terms of individual objectives.

Courses: ED54, ED55
Contact hours: 3 per week  Credit points: 12

► SPB026 ADULT EDUCATION IN THE WORKPLACE AND COMMUNITY
The nature of all common forms of adult education, with particular emphasis on workplace and community settings; analyses key concepts and views of leading adult educators, and relates them to current attempts in Australia to provide effective forms of post-compulsory education and training.

Courses: ED54, ED65, ED66
Contact hours: 3 per week  Credit points: 12

► SPB027 ORIENTATION TO ADULT AND WORKPLACE PROGRAMS
Basic concepts in curriculum and the nature and 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, ED55, ED66
Contact hours: 3 per week  Credit points: 12

► SPB028 THE GROUP IN ADULT AND WORKPLACE EDUCATION
Introduction to the theory relating to groups and explores processes which occur in adult groups. Participants deal with practical applications for educational settings, with special emphasis on developing facilitating skills.

Courses: ED54, ED55, ED66
Corequisites: SPB029
Contact hours: 3 per week  Credit points: 12

► SPB029 INSTRUCTIONAL STRATEGIES FOR ADULT AND WORKPLACE EDUCATION
Exploration of theories and practices related to effective instructional strategies in diverse settings; introduction to skills and concepts required by competent practitioners in formal and non-formal teaching and learning settings within workplaces and communities.

Courses: ED54, ED55, ED66
Corequisites: SPB027
Contact hours: 3 per week  Credit points: 12

► SPB030 PROGRAMMING IN ADULT AND WORKPLACE EDUCATION
Important aspects of responsive programming for adult and workplace education. Covers the planning, implementation, evaluation and reflection components of program development, design and delivery.
Courses: ED54, ED26
Prerequisites: SPB029
Contact hours: 3 per week  Credit points: 12

Unit: 530550 Understanding the adult and workplace environment

Recent legal and legislative developments mean that employers and employees require greater awareness of individual responsibilities in all workplace environments. This unit provides a level of legal literacy appropriate to sound legal risk management in workplace settings.

Courses: ED54
Contact hours: 3 per week  Credit points: 12

Unit: SPB034 Organisation and administration of adult education and workplace education

This unit introduces students to contemporary approaches to courses and learning. It will assist the adult and workplace educator to analyse, and apply, strategic planning and HRM processes within diverse organisational contexts. Emphasis will be placed on understanding the contexts and theories associated with supporting adults and human resource management, in order to guide effective practice.

Courses: ED54, ED26
Prerequisites: SPB036, CLB304
Contact hours: 3 per week  Credit points: 12

Unit: SPN600 Learners and teachers in context

In this unit, students will examine the ways in which teachers are responsible for the effective planning, organisation and management of learning. This unit will assist the adult and workplace educator to analyse, and apply, strategic planning and HRM processes within diverse organisational contexts. Emphasis will be placed on understanding the contexts and theories associated with supporting adults and human resource management, in order to guide effective practice.

Courses: ED17, ED18, ED19
Contact hours: 5-6 per week  Credit points: 24

Unit: SPN601 Teaching studies

This unit introduces students to contemporary approaches to the curriculum and key learning areas, as well as provides the practical skills and understandings necessary for managing and promoting learning in a wide range of contexts.

Courses: ED17, ED18, ED19
Contact hours: 3 per week  Credit points: 12

Unit: SPN602 Professional teaching, case and project implementation

The unit focuses on the transition from preservice student to qualified professional. The unit will provide an opportunity for refinement of knowledge, skills and understandings gained in previous units and reflect on the student’s capacity to become independent, collaborative and reflective professionals.

Courses: ED17, ED18, ED19
Contact hours: 5-6 per week  Credit points: 24

Unit: SPN603 Interdisciplinary primary curriculum studies

The unit is designed to consolidate and expand students’ developing understandings and capacities associated with classroom teaching, program planning, implementation and evaluation, and student support in specific key learning areas. It will also consolidate their curriculum understandings in the key learning areas with a view to ensuring that holistic, cross-curriculum, student responsive planning and teaching will occur as an integral part of each teacher’s professional curriculum work in the primary context.

Courses: ED18
Prerequisites: SPN601
Contact hours: 3 per week  Credit points: 12

Unit: SPN604 Issues in current teaching practice

In response to the rapidly changing political, cultural and social contexts within which education is conducted, in particular work-based teaching, 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 globalising world; the changing school structures such as site-based management, an increasing focus on student learning outcomes and the inter-relationships between curriculum change and community expectations of schools. This unit contributes to the student’s understanding of this changing complex and mandating these issues at a theoretical level while challenging students to reflect upon implications of these changing contexts.

Courses: ED17, ED18, ED19
Contact hours: 5-6 per week  Credit points: 24

Unit: SPN605 Change, evaluation and accountability in educational contexts

This unit gives particular attention to the development of understandings and capacities relating to curriculum planning; assessment, evaluation and reporting; and the need to be inclusively responsive to the diverse range of student backgrounds, abilities and aspirations. It examines relevant influences within a context of change as a basis for a more informed and critically aware understanding of where teachers and their professional work fit.

Courses: ED17, ED18, ED19
Contact hours: 3 per week  Credit points: 12

Unit: SPN610 Advanced educational counselling

The major theories and approaches to counselling are applied to problems and concerns arising in the educational context. Theories outlined include Psychodynamic, Adlerian, Existential, Person-Centred, 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 discussed.

Courses: ED13, ED11, ED61
Prerequisites: LEB441, SPB006
Credit points: 12  Incompatible with: LEB442

Unit: SPN611 Advanced 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

Unit: SPN612 Psychoeducational assessment

Assessment techniques and strategies; assessment of intelligence, academic skills, aptitude, personality, reliability and validity in construction and use; standardisation procedures; the process of administering assessment instruments; interpretation of test results and assessment data; planning for assessment data in programming and placement.

Courses: ED13, ED11, ED61
Credit points: 12

Unit: SPN613 Learners with special needs: programming for inclusive education

Special educational needs of children in early childhood, school (P-12) and post-secondary settings arising from developmental, behavioural, social and cultural differences; developmentally 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 specific needs; strategies for inclusive education; roles and models of support and advisory personnel including in-service strategies.

Courses: ED13, ED11
Credit points: 12

Unit: SPN614 Teaching students with learning difficulties/ disabilities

Teachers should view students as individuals who require different kinds of support and not as educational failures. Competing models for explaining the aetiology and characteristics of learning/literacy difficulties are evaluated and the importance of educational intervention for those who experience difficulties must be given support especially in key areas such as literacy development. Governments are encouraged to offer support on the grounds of equity for individuals as well as long term economic benefits to the society.

Courses: ED13, ED11

Unit: SPN615 Educational intervention for challenging behavior in the classroom

Aims to provide theoretical knowledge and practical skills relevant to career counselling which will enable the student to become an advocate in support of their students and to assist people to make appropriate career decisions.

Courses: ED13, ED11

Unit: SPN616 Behaviour management: programs and planning

Course work focuses on skill development for repeated career development counselling and the prevention and management of behaviour difficulties in the school setting. This unit 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. This unit will provide an overview of the theory and practice of dealing with the prevention and management of behaviour difficulties in the school setting. This unit will provide an overview of the theory and practice of dealing with the prevention and management of behaviour difficulties in the school setting. This unit will provide an overview of the theory and practice of dealing with the prevention and management of behaviour difficulties in the school setting. This unit will provide an overview of the theory and practice of dealing with the prevention and management of behaviour difficulties in the school setting. 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UNIT SYNOPTES

► SPN622 LEGAL RISKS MANAGEMENT IN WORKPLACE EDUCATION

The legal environment affecting work in workplace education is becoming ever more 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 to recognise rights and responsibilities that will enable them, in collaboration with other specialists, to implement appropriate legal risk management strategies.

Courses: ED13, ED11, ED61
Credit points: 12

► SPN623 STRATEGIC WORKPLACE EDUCATION AND THE LEARNING ORGANISATION

Examines the effect of the organisational market niche and other influences on strategic decision-making in workplace education. In addition, the literature on learning organisations and organisational learning is expanding rapidly and this discourse needs to be examined in the light of its strategic dependence and influence. This unit will be conducted using the self-directed methodology of contract learning.

Courses: ED13, ED11, ED61
Credit points: 12

► SPN624 FOUNDATIONS OF ADULT LEARNING AND DEVELOPMENT

Provides opportunities to develop an understanding of the complex nature of the adult learning and development process. This is achieved by exposing students to contemporary theories 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

► SPN625 CHANGING AGENDAS IN LEADERSHIP

Analyzes changing approaches to the study of leadership and management, and the dilemmas of responding to rapidly changing contexts. Issues such as school-based management, quality management, teachers as leaders are raised. The unit aims to enhance an understanding of leadership and provide a broad base for other work in the leadership and management area of interest.

Courses: ED13, ED11, ED61
Credit points: 12

► SPN626 LEADING AND MANAGING PEOPLE

A brief overview of changing views of leadership leads to seven themes of significance for leaders in the new organisation including the learning organisation, leadership, site-based management, globalisation and internationalisation, leaders and the law, leadership and equity issues, career management.

Courses: ED13, ED11, ED61
Credit points: 12

Incompatible with: PRN630, PRN631, PRN632

► SPN627 POLICY DEVELOPMENT AND ANALYSIS

Concentrates on developing understandings in students regarding leaders of change processes within organisations. Themes covered include the changing nature of organisations, organisational culture, organisational values, ethics and ethical leadership, communication, relationship building, the change process, leading the change process, accountability and organisational improvement.

Courses: ED13, ED11, ED61
Credit points: 12

► SPN628 LEADERSHIP FOR CHANGE

Commences by orienting students towards key aspects of human resource management in organisations, including an investigation of the nature of work for workers in the post-corporate world and a general framework for leading and managing people within this challenging and changing context.

Courses: ED13, ED11, ED61
Credit points: 12

► SPN629 CURRENT ISSUES IN LEADERSHIP WORK

Themes covered include the nature of policy, the notion of policy trends or policy agendas, policy analysis, issues of development and implementation, the relationship between policy and long-term social changes.

Courses: ED13, ED11, ED61
Credit points: 12

► SPN630 LEARNING, TEACHING AND SUPERVISION

Provides students with an excellent opportunity to develop an advanced understanding of learning and implications for teaching in their context. Students will be introduced to recent research on the nature of learning, meta-learning, epistemological beliefs in such a way that they critique their own perspective.

Courses: ED11, ED13
Credit points: 12

Prerequisites: SPN617

► SPN633 CRITICAL FRAMEWORKS FOR ANALYSING THE MIDDLE YEARS OF SCHOOLING

Contextualises and conceptualises the key issues impacting on young adolescents engaged in the middle years of schooling. Focuses on a critical analysis of the origins and development of ‘middle schooling’ as concept and practice. Students will develop an understanding of ways in which the ‘story’ of middle schooling can be told from different standpoints, and of ways in which the assumptions, principles, aims and practices of middle schooling can be celebrated, endorsed, critiqued and contested. Students should begin to refine their own standpoints in relation to education and teaching in the middle years of schooling.

Courses: ED13
Contact hours: 3 per week
Credit points: 12

► SPN634 RETHINKING PROGRAMS AND PEDAGOGIES: THE MIDDLE YEARS OF SCHOOLING

Develop programs and pedagogies in the middle years of schooling. A research orientation that focuses on recent initiatives to make curriculum organisation, programming, teaching and learning, and evaluation more responsive to the developmental needs and interests of young adolescents while at the same time encouraging educators to critically analyse and research what is espoused to be more flexible, responsive and collaborative assessment and reporting systems.

Courses: ED13
Credit points: 12

► SPN635 ASSESSMENT AND REPORTING IN THE MIDDLE YEARS OF SCHOOLING

Focuses on recent initiatives to make assessment, recording and reporting student learning in a middle years context more responsive to the developmental needs and interests of young adolescents while at the same time encouraging educators to critically analyse and research what is espoused to be more flexible, responsive and collaborative assessment and reporting systems.

Courses: ED13
Credit points: 12

► SPP502 PROGRAMMING FOR STUDENTS WITH LEARNING DIFFICULTIES/DISABILITIES

Review of the research of the impact of learning difficulties/disabilities on learning and in particular on learning literacy. The learning and literacy demands of the curriculum will be reviewed and appropriate methods for programming for students with special learning needs will be addressed. Key issues considered are consultation and collaboration between regular and support teachers.

Courses: ED28, ED61
Credit points: 12

► SPP503 LITERACY AND LEARNING

Review of significant learning difficulties/disabilities among learners in schools (Years 1-12) and post-secondary education; foundation studies in language and learning; assessment and monitoring of literacy related curriculum tasks; test interpretation and development; related approaches to teaching; informed by principles derived from psycholinguistics, metacognition, process approaches to literacy and constructivist approaches to learning within an inclusive education framework.

Courses: ED28
Credit points: 12

► SPP504 CURRICULUM: LEARNERS WITH SPECIAL NEEDS

Introduction to curriculum development and situational/self-analysis; innovative program approaches for learners with special needs; changing ourselves and our educational environments; evaluation of curriculum development; resource teacher support for school-based curriculum development; human rights and education and participation and equity; communication about improved programs.

Courses: ED28
Credit points: 12

Courses: ED28, ED61
Credit points: 12

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