

UNIVERSITY OF SOUTHERN QUEENSLAND

INTERNATIONAL ON-CAMPUS 2013





Studying a USQ pathway program, such as EAPP, has been a valuable experience for me. During the first few weeks, we shared our values and beliefs through several cultural activities and class trips as well, this has helped me to feel more comfortable with my fellow class mates. Studying at university is a great experience and studying at the Open Access College will help prepare you to undertake your future degree program successfully.

MARIATOU SYLLA

ENGLISH FOR ACADEMIC PURPOSES
(EAPP)

COUNTRY OF ORIGIN: DEMOCRATIC
REPUBLIC OF THE CONGO

The USQ difference

What really sets USQ apart from the crowd is our dedication to supporting you throughout your studies. From the moment you enrol with us you'll have your very own Student Relationship Officer to answer all of your questions and help you through your journey as a USQ student.

We understand that moving overseas to study in a foreign country can be a little scary, but studying with USQ means you will be joining hundreds of international students who believe they experience the best support in Australia.

In fact, USQ is highly recognised for the support we provide to our students:

- 2011 – rated 1st in Australia for Overall Learning Experience.¹
- 2010 – rated first in Australia for Support Experience.²
- 2009 – placed first in Queensland and 4th in Australia in an independent Student Satisfaction Survey.³
- 2008 – four individual and two team Carrick Institute for Learning and Teaching in Higher Education Awards for significant contribution to the quality of student learning.
- 2007 – Carrick Institute for Learning and Teaching Higher Education Awards for Services Supporting Student Learning.

■ What will I gain from studying with USQ?

- You will learn from experienced and highly qualified academics who are recognised throughout the world for their excellence in teaching.
- You will be assured of the quality of education you will receive. USQ is registered with the Australian Government and meets their strict requirements as a higher education provider.
- You will receive personalised attention and support throughout your studies.
- You will have the peace of mind of studying in a safe and friendly environment with modern facilities and a low cost of living.
- You have the opportunity to develop your English language skills through one of our English language programs. On successful completion of this program you are guaranteed entry into degree studies within USQ.
- You may be able to receive recognition for study you have already completed. Your academic documents will be individually assessed to see if you are able to receive credits and therefore gain your degree faster.
- You will be prepared to become a leader in our rapidly changing world. USQ programs are designed to prepare you as an industry-ready and internationally qualified graduate.

¹ International Student Barometer Survey, 2011.

² International Student Barometer Survey, 2010.

³ Sweeney survey, 2009.

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Find your program

PROGRAM	CAMPUS	DURATION (WEEKS)	UNITS	APPROXIMATE TOTAL FEE		PAGE
ENGLISH LANGUAGE AND PATHWAYS						
Introductory Academic Preparation (IAP)	Toowoomba	75 hours	-	600		20
English Language Intensive Courses for Overseas Students (ELAS)	Toowoomba	5-72 weeks	-	3680		20
English for Academic Purposes (EAPP)	Springfield, Toowoomba	20- 36 weeks	-	4480		21

PROGRAM	CAMPUS	DURATION (YEARS)	UNITS	APPROXIMATE TOTAL FEE		PAGE
				PER SEMESTER	PER YEAR	
UNDERGRADUATE BUSINESS AND LAW						
Diploma of Business Administration (DPBA)	Fraser Coast, Springfield, Toowoomba	1	8	2230	17 840	22
Associate Degree of Business (ADBS)	Fraser Coast, Springfield, Toowoomba	2	16	2230	17 840	22
Bachelor of Accounting and Sustainable Business (BASB)	Springfield	4	32	2230	17 840	23
Bachelor of Business (BBUS)	Fraser Coast, Springfield, Toowoomba	3	24	2230	17 840	24
Bachelor of Business Administration (BBAD)	Springfield, Toowoomba	3	24	2230	17 840	28
Bachelor of Commerce (BCOM)	Fraser Coast, Springfield, Toowoomba	3	24	2230	17 840	29
Bachelor of Laws (BLAW)	Springfield, Toowoomba	4	32	2230	17 840	31
POSTGRADUATE BUSINESS AND LAW						
Graduate Certificate in Business (GCBS)	Fraser Coast, Springfield, Toowoomba	0.5	4	2480	9920	33
Graduate Diploma of Business (GDBS)	Springfield, Toowoomba	1	8	2480	19 840	34
Juris Doctor (DJUR)	Springfield, Toowoomba	3	24	2480	19 840	36
Postgraduate Certificate in Business (PCBS)	Springfield, Toowoomba	0.5	4	2480	9920	35
Master of Business (MBIS)	Springfield, Toowoomba	1.5	12	2480	19 840	37
Master of Business Administration (MBAD)	Springfield, Toowoomba	1.5	12	2480	19 840	40
Master of Professional Accounting (MP12)	Springfield, Toowoomba	1.5	12	2480	19 840	41
Master of Professional Accounting Extended (MPAE)	Springfield, Toowoomba	2	16	2480	19 840	41
Master of Project Management (MPRM)	Springfield	1	8	2480	19 840	42

PROGRAM	CAMPUS	DURATION (YEARS)	UNITS	APPROXIMATE TOTAL FEE		PAGE
				PER SEMESTER	PER YEAR	
UNDERGRADUATE CREATIVE ARTS						
Bachelor of Applied Media (BAPM)	Springfield	3	24	2260	18 080	45
Bachelor of Creative Arts (BCRA)	Toowoomba	3	24	2260	18 080	46
POSTGRADUATE CREATIVE ARTS						
Master of Arts (MSTA)	Toowoomba	1	8	2600	20 800	50
UNDERGRADUATE EDUCATION						
Bachelor of Early Childhood (BECH)	Fraser Coast, Springfield, Toowoomba	3	24	2210	17 680	52
Bachelor of Education (BEDU)	Fraser Coast, Springfield, Toowoomba	4	32	2210	17 680	53
POSTGRADUATE EDUCATION						
Postgraduate Certificate in Applied Linguistics (PGAL)	Toowoomba	0.5	4	2260	9040	58
Graduate Diploma of Learning and Teaching (GDTL)	Fraser Coast, Toowoomba	1	8	2260	18 080	57
Master of Applied Linguistics (MAPL)	Toowoomba	1	8	2260	18 080	58
Master of Education (8 units) (MED1)	Toowoomba	1	8	2260	18 080	60
UNDERGRADUATE ENGINEERING AND SPATIAL SCIENCE						
Associate Degree of Construction (ADCN)	Springfield, Toowoomba	1	8	3010	24 080	63
Associate Degree of Engineering (ADNG)	Springfield, Toowoomba	1	8	3010	24 080	66
Associate Degree of Spatial Science (ADSS)	Toowoomba	1	8	3010	24 080	80
Bachelor of Engineering Technology (BETC)	Springfield, Toowoomba	3	24	3010	24 080	66
Bachelor of Spatial Science Technology (BSST)	Toowoomba	3	24	3010	24 080	80
Bachelor of Construction (BCON)	Springfield, Toowoomba	4	32	3010	24 080	63
Bachelor of Engineering (BENG)	Toowoomba	4	32	3010	24 080	74
Bachelor of Spatial Science (BSPS)	Toowoomba	4	32	3010	24 080	80
POSTGRADUATE ENGINEERING AND SPATIAL SCIENCE						
Graduate Certificate in Engineering Science (GCNS)	Toowoomba	0.5	4	3010	12 040	86
Graduate Certificate in Engineering Technology (GCEN)	Toowoomba	0.5	4	3010	12 040	88
Graduate Certificate in Spatial Science Technology (GCST)	Toowoomba	0.5	4	3010	12 040	90
Graduate Diploma of Engineering Science (GDNS)	Toowoomba	1	8	3010	24 080	86
Graduate Diploma of Spatial Science Technology (GDST)	Toowoomba	1	8	3010	24 080	90
Master of Engineering Technology (METC)	Toowoomba	1.5	12	3010	24 080	88
Master of Engineering Science (MENS)	Toowoomba	2	16	3010	24 080	86
Master of Spatial Science Technology (MSST)	Toowoomba	1.5	12	3010	24 080	91

PROGRAM	CAMPUS	DURATION (YEARS)	UNITS	APPROXIMATE TOTAL FEE		PAGE
				PER SEMESTER	PER YEAR	
UNDERGRADUATE HEALTH						
Bachelor of Nursing (BNUR)	Fraser Coast, Toowoomba	3	24	2580	20 640	95
Bachelor of Biomedical Science (Honours) [BBMH]	Toowoomba	1	8	2330 – 3090	18 640 – 24 720	98
Bachelor of Health [BHEA]	Fraser Coast, Toowoomba	3	24	2330 – 3090	18 640 – 24 720	93
Bachelor of Psychology (Honours) [BPSH]	Springfield	4	32	2430	19 440	97
Bachelor of Psychology in Business (BPSB)	Springfield	3	24	2230 – 2430	17 440 – 19 440	96
POSTGRADUATE HEALTH						
Graduate Diploma of Psychological Studies (GDPS)	Toowoomba	1	8	2560	20 480	99
Master of Psychology (Clinical) [MPCL]	Toowoomba	2	16	2560	20 480	101
Postgraduate Diploma of Professional Psychology (PDPP)	Springfield	1	8	2560	20 480	100
UNDERGRADUATE HUMANITIES AND COMMUNICATION						
Diploma of Arts (DART)	Fraser Coast, Toowoomba	1	8	2260 – 3090	18 080 – 24 720	102
Diploma of Community Welfare and Development (DCWD)	Fraser Coast	1	8	2260	18 080	113
Bachelor of Arts (BART)	Toowoomba	3	24	2260	18 080	102
Bachelor of Arts (Honours) [BAHN]	Toowoomba	1	8	2260	18 080	108
Bachelor of Communication (BCMM)	Toowoomba	3	24	2260	18 080	109
Bachelor of General Studies (BGEN)	Fraser Coast, Toowoomba	3	24	2260 – 3090	18 080 – 24 720	111
Bachelor of Human Services (BHMS)	Fraser Coast, Springfield	3	24	2260	18 080	113
Bachelor of Social Science (BSSC)	Toowoomba	3	24	2260	18 080	115
POSTGRADUATE HUMANITIES AND COMMUNICATION						
Master of Arts (MSTA)	Toowoomba	1	8	2600	20 800	118
UNDERGRADUATE INFORMATION TECHNOLOGY						
Bachelor of Information Technology (BITC)	Toowoomba	3	24	2230 – 2330	17 840 – 18 640	120
POSTGRADUATE INFORMATION TECHNOLOGY						
Graduate Diploma of Information Technology (GDTI)	Toowoomba	1	8	2470	19 760	125
Master of Computing (MCOP)	Toowoomba	1.5	12	2470	19 760	125
Master of Computing Technology (MCOT)	Toowoomba	1.5	12	2470	19 760	127
Master of Computing Technology [Extended] (MCTE)	Toowoomba	2	16	2470	19 760	127
Master of Information Systems (MIST)	Toowoomba	1.5	12	2480	19 840	122
Master of Information Systems Extended (MISX)	Toowoomba	2	16	2480	19 840	122
UNDERGRADUATE SCIENCES						
Bachelor of Science (BSCI)	Toowoomba	3	24	2330 – 3080	18 640 – 24 640	129
Bachelor of Science (Honours) [BSCH]	Toowoomba	1	8	2330 – 3080	18 640 – 24 640	133
Bachelor of Technology (Wine) (BTWN)	Toowoomba	3	24	2330 – 3080	18 640 – 24 640	134

PROGRAM	CAMPUS	DURATION (YEARS)	UNITS	APPROXIMATE TOTAL FEE		PAGE
				PER SEMESTER	PER YEAR	
POSTGRADUATE SCIENCES						
Graduate Certificate in Science (GCSC)	Toowoomba	0.5	4	2470 – 3290	9880 – 13 160	136
Graduate Diploma of Mathematics (GDMA)	Toowoomba	1	8	2470	19 760	137
Master of Science (MSCC)	Toowoomba	1	8	2560 – 3290	20 480 – 26 320	138
POSTGRADUATE RESEARCH						
Master of Business Research (MBSR)	Toowoomba	1.5	1	2400	19 200	140
Master of Engineering Research (MENR)	Toowoomba	1.5	12	3050	24 400	141
Master of Science (Research) (MSCR)	Toowoomba	1.5	12	3050	24 400	141
Master of Spatial Science Research (MSSR)	Toowoomba	1.5	12	3050	24 400	142
Doctor of Philosophy (DPHD)	Toowoomba	3	24	2400 – 3050	19 200 – 24 400	139
UNDERGRADUATE COMBINED/DOUBLE DEGREES						
Bachelor of Arts and Bachelor of Business (BABZ)	Toowoomba	4	32	2260 – 2230	18 080 – 17 840	32
Bachelor of Arts and Bachelor of Laws (BALW)	Toowoomba	5	40	2260 – 2230	18 080 – 17 840	32
Bachelor of Arts and Bachelor of Science (BABS)	Toowoomba	4	32	2260 – 3090	18 080 – 24 720	117
Bachelor of Business and Bachelor of Information Technology (BBIT)	Toowoomba	4	32	2230 – 2330	17 840 – 18 640	32
Bachelor of Business and Bachelor of Laws (BBLA)	Springfield, Toowoomba	5	40	2230	17 840	32
Bachelor of Commerce and Bachelor of Business (BCBZ)	Springfield, Toowoomba	4	32	2230	17 840	32
Bachelor of Commerce and Bachelor of Information Technology (BCIT)	Toowoomba	4	32	2230 – 2330	17 840 – 18 640	32
Bachelor of Commerce and Bachelor of Laws (BCLA)	Springfield, Toowoomba	5	40	2230	17 840	32
Bachelor of Commerce and Bachelor of Science (BCBS)	Toowoomba	4	32	2230 – 3090	17 840 – 24 720	32
Bachelor of Engineering and Bachelor of Business (BEBB)	Toowoomba	5	40	2230 – 3010	17 840 – 24 080	32
Bachelor of Engineering and Bachelor of Information Technology (BEBT)	Toowoomba	5	40	2230 – 3010	17 840 – 24 080	78
Bachelor of Engineering and Bachelor of Science (BEBS)	Toowoomba	5	40	2330 – 3090	18 640 – 24 720	78
POSTGRADUATE COMBINED/DOUBLE DEGREES						
Master of Business Administration and Master of Professional Accounting (MBPA)	Springfield, Toowoomba	2	16	2480	19 840	43
Master of Project Management and Master of Business Administration (MBAP)	Springfield, Toowoomba	2	14	2480	19 840	44

Glossary

APPROX. ANNUAL FEE

Normally full-time on-campus study requires you to study a minimum of 4 units in each Semesters 1 and 2, making a total of 8 units. Therefore the approximate annual fee for your degree program is calculated by multiplying the Approx. fee per unit x 8. For example: Bachelor of Business = fee per unit [AUD2180] x 8 = Approx. annual fee [AUD17 440]

For more details on fees per unit, please refer to the following website: www.usq.edu.au/international/fees

APPROX. FEE PER UNIT

USQ's fees for international students are reviewed and adjusted on an annual basis. The revised fees apply from February of each year. The unit tuition fee for programs with a duration longer than one year may therefore be subject to an increase dependent on the new revised annual fees following 2012.

The estimated fee per course may also vary, dependent on the student's pattern of enrolment. For instance, a student may choose to enrol in electives or core courses offered by a different faculty with a different unit price the courses offered by their own faculty.

CAMPUS

Campuses are separate physical administrative locations which are part of the same institution. For example, USQ has three campuses located in Toowoomba, Fraser Coast and Springfield.

COURSE

A subject of study, defined by a course specification, for which students may be awarded a grade.

DISCLAIMER

All programs and fees listed were correct at time of printing. In the case of any discrepancy please refer to the USQ website: www.usq.edu.au/international/fees which is to be considered the most current version.

DURATION

The length to time it would normally take to complete a degree program when studying full-time, i.e. 8 units per year.

NORMAL NUMBER OF UNITS STUDIED PER SEMESTER

Normally full-time study is calculated at 4 units per semester during Semesters 1 and 2.

NORMAL NUMBER OF UNITS STUDIED PER YEAR

Normally full-time on-campus study is calculated as 8 units per year during Semesters 1 and 2. Students wishing to study additional courses in Semester 3 may apply to do so.

NOTE

Students may wish to fast-track their program by studying extra units in Semester 3. Not all courses are offered on-campus in Semester 3; however, you are eligible to study 25% of your degree by distance education and you may be able to use this option to continue your studies in Semester 3.

PROGRAM

A combination of units, the successful completion of which, in accordance with the relevant requirements, will fulfil the prescribed elements for a particular award.

For example, to complete the Bachelor of Business Administration, there are 24 units that need to be completed. These 24 units make up the degree's program of study.

START DATE

The month in which each semester begins.

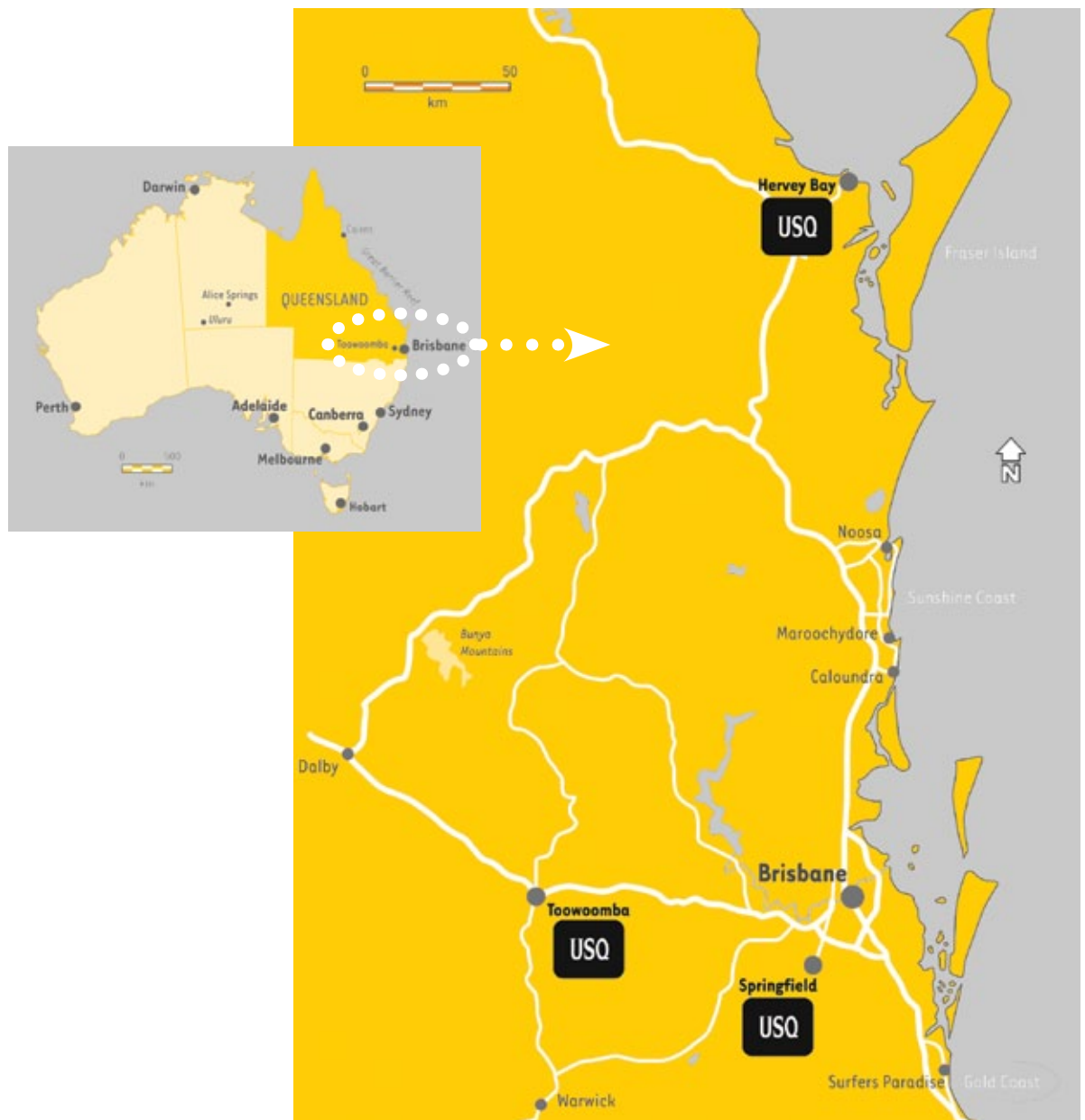
UNIT

A measure of the workload for a student. Students must gain a set number of units to complete a program. Most courses are equal to 1 unit; however, some postgraduate/research courses are equal to 2 units.



USQ locations

The University of Southern Queensland (USQ) has three main campuses located in Australia's sunshine state, Queensland:



- **USQ Toowoomba:** an attractive, regional city situated 2 hours' drive west from Brisbane.



- **USQ Springfield:** an expanding and master-planned community in Brisbane's south-western corridor within easy access of the Gold Coast and only a 45 minute drive from Brisbane's CBD.



- **USQ Fraser Coast:** a beautiful beachside location in Hervey Bay, 4 hours' drive from Brisbane's CBD.

Study options

You will require a certain level of English before you can begin your studies with USQ. This will depend on the program you choose. If you find you don't have the English levels you need to get into the degree you want, USQ offers English language and pathway programs to help you achieve your goal.

Once you have the required level of English, you have a choice of qualifications, ranging from diplomas, associate and bachelor degrees, postgraduate certificates and diplomas, through to masters degrees and PhDs. It all depends on what you have already studied and your individual interests and career aspirations.

All USQ programs are registered with the Australian Government and meet their strict requirements, so you can be assured of the quality of education you will receive.

You can find descriptions of all the programs USQ has to offer from page 19 of this guide, in the following areas of study:

- English Language and Pathways
- Business and Law
- Creative Arts
- Education
- Engineering and Spatial Science
- Health
- Humanities and Communication
- Information Technology
- Sciences
- Research.

■ Research at USQ

USQ is building a significant research profile in select specialist areas, including open and distance learning, sustainable systems (and natural resource management) and innovative fibre composite technologies; and works closely with its communities in capacity-building and regional development.

USQ Research Centres include:

- Australian Centre for Sustainable Business and Development (ACSBD)
- Australian Centre for Sustainable Catchments (ACSC)
- Centre of Excellence in Engineering Fibre Composites (CEEFC)
- Centre for Rural and Remote Area Health (CRRAH)
- Centre for Systems Biology (CSBi)
- Computational Engineering and Science Research Centre (CESRC)
- National Centre for Engineering in Agriculture (NCEA)
- Public Memory Research Cluster (PMRC).

Research degrees

USQ also has a number of research programs available across the various areas of study offered. These programs meet the educational requirements for membership of professional associations in Australia, and give you the chance to enhance your career opportunities through advanced study in an area of interest to you. More information about research programs at USQ is provided on page 139.

Support network

You have many staff and resources available if you ever need help. If you find you are facing problems of any kind, our highly trained staff are always happy to help you. It's a big step moving to a new country and a new culture, so take advantage of the support facilities available to you. It will help make your study experience at USQ the best you can have.

24-hour Student Assistance Hotline

Your welfare and safety is of utmost importance to USQ. This is why we are always working to enhance the support we provide to you. USQ offers you access to the Student Assistance Hotline which is available 24 hours a day for international students who may have a problem or issue, including but not limited to medical, legal, accommodation and cultural issues. This is a free call from landlines in Australia (1800 689 410), standard call rates apply from mobile phones and overseas. Further information about the hotline is available at:

www.usq.edu.au/international/study-in-australia

Free airport reception and transfer

USQ wishes to make your arrival in Australia and transfer to your choice of campus as smooth as possible. To help us to ensure someone is waiting for you at the airport, we encourage you to complete the online Airport Reception and Transfer Request at least three days prior to your arrival time. This is located at:

www.usq.edu.au/international/support/airport

For further information, please refer to the 'Study options and support' section of our website:

www.usq.edu.au/international or contact us via email: **arrivals@usq.edu.au**

Passport and visa extension

If you are coming to Australia to study at USQ, you must apply for a student visa. The Department of Immigration and Citizenship (DIAC) assesses all visa applications. International support staff are available to assist you to renew your visa. Further information is available in the 'How to apply' section of the USQ website at: **www.usq.edu.au/international**

Orientation

We want to personally welcome you to USQ by familiarising you with the campus, your faculty and giving you all the information to help you succeed. You'll be surprised what a difference this can make to starting your university journey. But Orientation is not all about study. We think 'fun' is important too, so join in the many events and make some friends along the way.

Check out our Orientation information at:

www.usq.edu.au/current-students/orientation

The Learning Centre

USQ Staff at The Learning Centre can assist you with communication skills, pre-requisite mathematics and study strategies. You can access one-to-one assistance, online materials, or participate in workshops or in specially designed course-based support programs in a range of different courses.

Group or individual assistance is provided in:

- individual learning issues
- essential study skills and lifestyle
- peer counselling.

Further information is available at:

www.usq.edu.au/learningcentre

International events

Participating in international events can help you to settle into the campus, and life in Australia.

Further information is available in the 'Projects and events' section of the Multicultural Centre website at:

www.usq.edu.au/multicultural

National day celebrations

National days of various countries are celebrated on the Toowoomba campus annually with a formal flag-raising ceremony. Such occasions are supported by other members of the campus community, and provide a symbolic reminder of the multicultural diversity and richness of the University's student body.

Further information is available in the 'Projects and events' section of the Multicultural Centre website at:

www.usq.edu.au/multicultural

Careers and Employment

There are many services available to support you in your career journey and ultimately towards employment. Qualified career practitioners are available to assist you to determine your career path, and there are employment specialists available to assist with information about how to obtain casual, part-time, vacation, or graduate employment. A range of employability programs are also on offer, including industry experience and mentoring opportunities.

Further information is available in the 'Careers and Employment' section of our website at:

www.usq.edu.au/current-students/services

■ Spiritual support

USQ strives to provide you with spiritual support appropriate to your needs. The following religions are represented on the Toowoomba campus: Anglican Church, Assemblies of God Australia (AOG), Australian Christian Churches (ACC), Buddhism, Christian Leaders Network (CLN), Islam, Lutheran Church, Presbyterian Church, Roman Catholic Church, and Uniting Church.

The Chaplains of the Multi-faith Chaplaincy Service on Springfield campus can assist you to contact the local spiritual community of your choice.

USQ's spiritual services include:

- on-campus chaplaincy in Springfield and Toowoomba
- other religious support, such as chaplains or representatives from a range of religious organisations and groups
- on-campus Islamic Centre, in Toowoomba, which includes a prayer area and separate ablution areas.

Further information is available in the 'Religion at USQ' section of our website at: www.usq.edu.au/multicultural

■ Counselling for personal and academic concerns

The Counselling Service at USQ Student Services offers free, confidential, brief counselling to currently enrolled students for a range of personal and academic concerns. Counselling services are available at Toowoomba, Fraser Coast, and Springfield campuses. The counsellors are either registered psychologists with the Australian Health Practitioner Regulation Agency, or qualified social workers.

For further information, please refer to the 'Support for You – Counselling' section of the Current Students website at: www.usq.edu.au/current-students/support

■ Health Service

The USQ Health Service is a confidential, accessible and affordable health service located on the Toowoomba campus. It is available to all currently enrolled USQ students. We are considerate of the needs and expectations of students from other countries and non-English-speaking backgrounds and provide services to all students, regardless of financial constraints, gender, race or language.

Further information is available in the 'Services – Health and medical' section of the Current Students website at: www.usq.edu.au/current-students/services

■ Multicultural Centre

This network is made up of people from a range of cultural backgrounds that can help you in a variety of areas while studying on-campus.

Further information is available at: www.usq.edu.au/multicultural

■ Welfare advice

If you experience a need for financial support, staff at USQ will provide you with assistance for financial emergencies, including information about emergency loans, budgeting and employment.

Further information is available in the 'Welfare and Accommodation' section of our website at: www.usq.edu.au/current-students/services

■ Disability

If you have a disability, specialist staff are available to provide support and services that ensure you have an equal opportunity to access and participate in university life, and to succeed to your full potential in your studies. It is recommended that future students with verifiable disabilities contact the Disability Resources section prior to arrival to ensure available services are appropriate to your needs.

For further information, refer to the 'Disability Resources' section of our website at: www.usq.edu.au/current-students/services

■ 24-hour security

All USQ campuses have a 24-hour security service. The USQ Toowoomba campus has a free daily security bus available (Monday to Friday, 7pm until 9pm) if you live close to the University and you are studying late during semester in the library or elsewhere on-campus. Springfield campus also has a security service provided by Education City. Security officers are available to provide a walking escort around the campus, or to provide assistance in case of emergency.

■ Support for your whole family

If you have dependants travelling with you to Australia, you need to ensure that they are covered by your visa application. School-aged dependants must be enrolled with an educational institution during their stay in Australia. You are encouraged to contact Education Queensland to ascertain education costs and enrolment requirements.

Further information is available in the Education Queensland International website at: www.eqi.com.au/programs/dependant-student.html

A range of public and private schools are located close to the University.

Further information can be found at: www.myschool.edu.au



About the campuses

USQ Toowoomba

The city of Toowoomba has a population of approximately 100 000, and is one of Australia's largest inland cities. It sits around 700 metres above sea level on the crest of the Great Dividing Range; giving you access to some of the most breathtaking views, as well as many beautiful parks and gardens.

Choosing Toowoomba as your study destination means you will be living in a city that has a low cost of living, lovely surroundings, clean air and a safe, welcoming atmosphere. You will have access to sporting facilities, shopping centres, art galleries, museums, cinemas, and a fine range of restaurants, cafes and clubs.

Toowoomba and USQ offer students all the benefits of a city environment, while providing an opportunity to experience inland Australia.

For further information about living in Toowoomba, please visit: www.usq.edu.au/toowoomba

USQ Springfield

USQ's Springfield campus is located in Education City on the south-western fringes of Queensland's capital city, Brisbane.

You have direct access to 24 hectares of serene parklands and a large shopping complex, while the Greg Norman-designed Brookwater Golf Course is in close proximity.

Choosing USQ Springfield as your study destination means you will be part of a strong community, enjoying direct interaction with your lecturers and tutors, as well as easy access to support staff and facilities.

Springfield is the ideal living location if you are seeking the friendliness of a smaller community and the lifestyle available in a metropolitan city.

Modern accommodation and amenities, such as cafes and shops, are located on site.

For further information about living in Springfield, please visit the following website:

www.usq.edu.au/springfield/life-at-springfield

USQ Fraser Coast

The USQ Fraser Coast campus is located at Hervey Bay, a forty-five-minute flight or three-and-a-half-hour drive north of Brisbane. It is a great location if you are looking for a superb climate, calm waters, pristine beaches and relaxed lifestyle. The magnificent marine environment is perfect if you are interested in diving, snorkelling and swimming.

Choosing USQ's Fraser Coast campus as your study destination means you will have access to 40 kilometres of beautiful, calm beaches. You will have the opportunity to visit the World Heritage-listed Fraser Island, which is the largest sand island in the world. A unique natural environment, Fraser Island has unspoiled beaches, rainforests and freshwater lakes – all for you to explore.

Living in the whale-watching capital of the world you will also have the opportunity to see Humpback Whales and their calves rest and play in the Bay's sheltered waters between August and November.

Hervey Bay's esplanade is lined with a range of street cafes, fine dining restaurants and clubs, so there are plenty of places to socialise. You can also enjoy barbecues on the impressive foreshore, or hire bicycles, jet skis and canoes, while swimming in the safe, protected waters of the Bay.

For further information about living in Hervey Bay, please visit the following website: www.frasercoast.qld.gov.au

Facts

	USQ TOOWOOMBA	USQ SPRINGFIELD	USQ FRASER COAST
Climate	Summer	27°C / 80°F	29°C / 84°F
	Winter	13°C / 56°F	22°C / 72°F
Travel distances by car¹	Brisbane CBD	2 hours	Brisbane CBD 4 hours
	Gold Coast	2½ hours	Gold Coast 4½ hours
	Sunshine Coast	3 hours	Sunshine Coast 2 hours
			Cairns 18 hours
Travel distances by air			Fraser Coast Airport has direct daily flights to Brisbane and takes approx. 45 minutes by air.

¹ Subject to traffic conditions.

Campus facilities

	USQ TOOWOOMBA	USQ SPRINGFIELD	USQ FRASER COAST
Technologically advanced lecture theatres	✓	✓	✓
24-hour computer laboratories	✓	✓	✓
Wireless Internet access	✓	✓	✓
Library	✓	✓	✓
Multimedia studios	✓		
24/7 on-campus radio station		✓	
Bank/Credit Union	✓		
Automated Teller Machine	✓	✓	
Bookshop	✓	✓	✓
Post Office	✓		
Cafe	✓	✓	✓
Hair salon	✓		
Medical services	✓		
Counselling services	✓	✓	✓
Sporting facilities	✓	✓	✓
Gardens	✓ ¹	✓ ²	
Religious facilities	✓ ³	✓ ⁴	
24-hour on-campus security	✓	✓	✓
Student assistance hotline	✓	✓	✓
On-campus accommodation	✓	✓	
Public transport i.e. buses, trains and/or taxis	✓	✓	
Parking	✓ ⁵	✓	✓ ⁵

- 1 Including a traditional Japanese Garden.
- 2 Direct access to 24-hectare parklands.
- 3 Including a Muslim prayer room and multi-faith Chaplain.
- 4 Including a multi-faith prayer room.
- 5 Free parking is available on this campus.



Accommodation

USQ Toowoomba

USQ Toowoomba has three on-campus Residential Colleges: McGregor, Concannon and Steele Rudd.

Accommodation fees include a room with private or shared bathroom, meals, utilities, bedroom cleaning, linen, Internet allowance, formal dinners, tuition, mentoring and academic support.

To apply online for a room at the Residential Colleges, visit their website using the web link below. You will be issued with an application number and password, allowing you to see how your application is progressing.

A self-catered package is also available; please contact the Residential Colleges for further information.

Contact

USQ RESIDENTIAL COLLEGES

Phone **+61 7 4631 2650**
Email **accommodation.officer@usq.edu.au**
Web **www.usq.edu.au/accommodation**

USQ Springfield

USQ Springfield has accommodation within Education City's on-campus Residential Village.

Fees include a room in a self-contained two to seven-bedroom apartment with shared bathroom, advanced security and surveillance systems, air-conditioning, cooking and laundry facilities, parking facilities, broadband wireless Internet connection, mentoring and academic support.

Contact

RESIDENTIAL VILLAGE

Phone **+61 7 3470 3000**
Email **educationcity@colliers.com**

Contact

	USQ TOOWOOMBA	USQ SPRINGFIELD	USQ FRASER COAST
Phone	+61 7 4631 2210	+61 7 3470 4400	+61 7 4120 6129
Email	stsv@usq.edu.au	studentservicespringfield@usq.edu.au	fcaccommodation@usq.edu.au
Web	www.usq.edu.au/current-students/services/welfare		

Private accommodation

Private accommodation is available in Toowoomba, Springfield and Hervey Bay, often within walking distance of the University campuses. You can choose from:

Units and houses

Accommodation includes: fully furnished and unfurnished houses or units. These can be shared with other students to help reduce living expenses, such as rent, electricity and food.

Homestay

Homestay is available for students undertaking English language studies or Study Tours.

Homestay is living with a family as a paying guest, and arrangements may include a number of meals, special meal requirements, Internet access, laundry and transport.

Accommodation comparison

	ON-SITE MANAGER	OWN ROOM	SECURITY PATROLS	PARKING AVAILABLE	CLEANING	TELEPHONE ACCESS	FULLY FURNISHED	MEALS PROVIDED	WALK TO UNIVERSITY (MINS)	CYCLE TO UNIVERSITY (MINS)	WALK TO BUS STOP	SWIMMING POOL	INTERNET ACCESS	WHEEL-CHAIR ACCESS	BOND REQUIRED (REFUNDABLE)	NOTE: PRICES ARE CURRENT AT THE DATE OF PRINTING AND ARE SUBJECT TO CHANGE	COST ¹ (AUD)
	FACILITIES OFFERED																
USQ TOOWOOMBA																	
On-Campus																	
Residential Colleges	✓	✓	✓	✓	✓	✓	✓	✓	3	1	✓	✓	✓	✓	✓		239-283
Residential Colleges (Self-Catered option)	✓	✓	✓	✓	✓	✓	✓		3	1	✓		✓	✓			131
Private shared accommodation																	
Student Village	✓	✓	✓	✓	✓	✓	✓		7	3	✓	✓	✓	✓	✓		80-150 ²
Toowoomba Uni Accommodation ²		✓		✓		✓	✓		12	4	✓	✓	✓		✓		130-295 ³
Donna Court Apartments		✓		✓		✓	✓		11	4	✓		✓	✓	✓		95-125
Boarding																	
Darling Heights Lodge	✓	✓	✓	✓	✓	✓	✓	✓	27	7	✓	✓	✓	✓	✓		95-140
Homestay																	
Living with a family	✓	✓	✓	✓	✓	✓	✓	✓	n/a	n/a	n/a	✓	✓		✓		190
USQ SPRINGFIELD																	
On-campus																	
Student Accommodation		✓	✓	✓	✓		✓		✓		✓		✓	✓	✓		135-180
Private shared accommodation																	
Private rental		✓		✓		✓	✓			✓	✓		✓		✓		150-180
Homestay																	
Living with a family		✓		✓		✓	✓	✓	✓	✓	✓		✓				190
USQ FRASER COAST																	
Private shared accommodation																	
Rental properties		✓		✓		✓	✓		✓	✓	✓		✓		✓		55-150 ⁴
Homestay																	
Living with a family		✓			✓	✓	✓	✓	✓	✓	✓		✓				190

NOTE

These tables are based on 2012 costs and serve as a guide only. They are subject to change.

- 1 Per week.
- 2 Based on a three, four or five-bedroom unit.
- 3 Based on twin-share accommodation.
- 4 Prices are based on a minimum 21-week tenancy.

Living costs

ON-CAMPUS LIVING

		TOOWOOMBA (AUD/WEEK)	SPRINGFIELD (AUD/WEEK)	FRASER COAST (AUD/WEEK)
Accommodation		Steele Rudd College 131 (self-catered) 239–247 (meals included)	Student Accommodation 135–180 (meals not included)	No on-campus accommodation available
		Concannon College 267 (meals included)		
		McGregor College 267–283 (meals included)		
Additional living expenses	Food	0–110 ¹	85–130	
	Transport	15–25	30–50	
	Clothing and toiletries	25	30	
	Entertainment	25–50	45–60	
	Phone calls/postage	25–40	30	
	Other expenses	15–30	20	
TOTAL		346–453	375–500	N/A

OFF-CAMPUS LIVING^{2, 3}

		TOOWOOMBA (AUD/WEEK)	SPRINGFIELD (AUD/WEEK)	FRASER COAST (AUD/WEEK)
Establishment expenses (one-off payment)	Bond/security deposit (4 weeks rent)	300–600	350–640	220–600
	Two weeks rent in advance	150 – 300	175 – 320	110 – 300
	Electricity connection ⁴	80	0 – 39	40 – 80
	Telephone connection ⁴	60 – 250	60 – 225	60 – 210
	Gas connection ⁴	80 – 100	33 – 35	100
TOTAL		670 – 1330	618 – 1259	530 – 1290
Accommodation	Rent	75 – 150	75 – 160	55 – 150
	Food	65 – 110	85 – 130	65 – 100
	Electricity/gas ⁴	10 – 15	10 – 15	10 – 15
	Transport	15 – 25	30 – 50	25
	Clothing and toiletries	25	30	25
	Entertainment	25 – 50	45 – 60	25 – 40
	Phone calls/postage	25 – 40	30	25
	Other expenses	15 – 30	20	10
TOTAL		255 – 445	325 – 495	240 – 390

GUIDE TO TOTAL ANNUAL EXPENDITURE (EXCLUDING TUITION FEES)^{3, 5, 6}

	TOOWOOMBA		SPRINGFIELD		FRASER COAST	
	On- campus living (AUD)	Off-campus living (AUD)	On-campus living (AUD)	Off-campus living (AUD)	On-campus living (AUD)	Off-campus living (AUD)
Living expenses annual	13 760–16 440	10 200–17 800	15 000–20 000	13 000–19 800		9600–15 600
Off-campus establishment expenses	N/A	670–1330	N/A	618–1259		530–1290
Medical Insurance OSHC (12 months)	420	420	420	420		420
Textbooks	600–1000	600–1000	600–1000	600–1000		600–1000
TOTAL	14 780–17 860	11 890–20 550	16 020–21 420	14 638–22 479	N/A	11 150–18 310

NOTE

These tables are based on 2012 costs and serve as a guide only. They are subject to change.

- Those students undertaking the self-catered option should expect to pay a minimum of \$65 a week on food.
- Not applicable to Homestay.
- Based on shared accommodation.
- Dependent on choice of supplier.
- Cost is based on 2 standard semesters of study + 2 weeks orientation = 40 weeks.
- For detailed information about tuition fees, please see pages 13–16.

English Language and Pathways

Program pathways



ENGLISH LANGUAGE PROGRAMS AT THE OPEN ACCESS COLLEGE

GENERAL ENGLISH (ELICOS)	5 -50 weeks	For students who wish to develop their overall English language skills for personal and professional use.
ENGLISH FOR ACADEMIC PURPOSES (EAP)	10 - 20 weeks	A direct-entry pathway to USQ's undergraduate and postgraduate programs.
CUSTOMISED ENGLISH LANGUAGE PROGRAMS (STUDY TOURS)	2 - 12 weeks	For groups of students or professionals. A customised program that gives you maximum flexibility in curriculum content, mode of delivery, inclusion of complementary activities and other services.
INTRODUCTORY ACADEMIC PREPARATION (IAP)	3 weeks	An intensive preparation, recommended for all international students wanting to perform at the highest level in their degree program. This preparation is designed to prepare students for academic, cultural and social life and USQ.



■ Introductory Academic Preparation [IAP]

- Units to complete** Nil – this is a non-award preparation
- Duration** 75 hours
- Start date** 3 weeks prior to semester 1 and 2 commencement
- Campus** Toowoomba
- Entry requirements** Students must have an unconditional offer for a USQ undergraduate or postgraduate degree

Content

You will learn about the following academic skills in this preparatory training:

- academic culture
- reading, speaking and making a presentation
- analysing and interpreting exam and assessment tasks
- research skills
- essay and report writing
- library skills
- mathematics skills
- computing and study skills.

Progression

With completion of this preparation program, you will be able to progress into your chosen degree at USQ with a solid foundation in the academic skills you will need to succeed in your studies. Please note that this is a non-award preparation, and will not contribute any units towards your chosen degree at USQ.

■ English Language Intensive Courses for Overseas Students – ELICOS [ELAS]

- CRICOS code** 070617J
- Duration** Approximately 10 weeks per level (minimum 5 weeks, maximum 50 weeks)
- Start date** Semester 1 – February, April, May, June
Semester 2 – July, August, September, November
Semester 3 – December, January
- Campus** Toowoomba
- Entry requirements** Level 1: IELTS less than 3.0
Level 2: IELTS 3.0
Level 3: IELTS 3.5
Level 4: IELTS 4.0
Level 5: IELTS 4.5

Program focus

This program is designed for students who wish to improve their English language skills. It is suitable for students who intend to continue on to university studies, travel in English-speaking countries, or simply take a break from their studies at home.

Program structure

- Level 1: Beginner
- Level 2: Pre-Elementary
- Level 3: Elementary
- Level 4: Pre-Intermediate
- Level 5: Intermediate

Want to know more?

Please contact Open Access College at: langcentre@usq.edu.au for the latest information.

English for Academic Purposes – EAP [EAPP]

CRICOS code 069700B

Units to complete 4

Duration Minimum 10 weeks

Campus Toowoomba, Springfield

Start date EAP I

Semester 1 – February, May
Semester 2 – July, September
Semester 3 – December

EAP II (undergraduate and postgraduate coursework)

Semester 1 – March, May
Semester 2 – August, September
Semester 3 – December

EAP II (postgraduate research)

Semester 1 – March, May
Semester 2 – August, September
Semester 3 – December

Entry requirements Completion of senior secondary schooling in the home country or equivalent

plus

EAP I: IELTS 5.0 or equivalent

EAP II: IELTS 5.5 or equivalent (undergraduate, postgraduate coursework, postgraduate research and doctorate).

Program focus

English for Academic Purposes prepares students for study in USQ's undergraduate or postgraduate courses. Students can meet the English language requirements of USQ's undergraduate and postgraduate courses by successfully completing an EAP direct-entry pathway. Students undertaking EAP will develop an understanding of Australian academic expectations, as well as the skills required for academic success, including:

- report writing
- essay writing
- critical thinking
- effective listening and note-taking skills
- oral presentations and learning to actively participate in group and classroom discussions
- study skills.

The EAP program has two levels, EAPI and EAPII. These courses may be completed in 10 academic teaching weeks, depending on individual student needs. EAPI provides the first step for meeting the English language requirements of USQ's award course programs. EAPII provides students who have met the academic requirements of their undergraduate or postgraduate course at USQ with the English language skills required for entry into their chosen degree program. On successful completion of EAPII students will have direct entry into USQ's undergraduate or postgraduate programs.

Program structure

EAP I CORE COURSES

EAP7307 Academic Speaking and Listening¹
EAP7308 Academic Reading and Writing¹

EAP II CORE COURSES

Undergraduate and postgraduate coursework

EAP7310 Studying at University
EAP7320 Communication Processes
EAP7340 Academic English Skills
plus one elective course from:
EAP7381 Applied Communication (Level A)
EAP7382 Applied Communication (Level B)
EAP7383 Applied Communication (Level C)

Postgraduate research and doctorate

EAP7320 Communication Processes
EAP7340 Academic English Skills
EAP7350 The Language of Research¹

Want to know more?

Please contact Open Access College at: langcentre@usq.edu.au for the latest information.

¹ Two units.

Undergraduate Business and Law

■ Diploma of Business Administration (DPBA)

CRICOS code	066075B
Units to complete	8
Duration	1 year
Start date	February, July
Campus	Toowoomba, Springfield, Fraser Coast
Entry requirements	Minimum of IELTS 6.0 or equivalent (no component lower than 5.5) Year 12 Senior Certificate or equivalent from a recognised institution
Program articulation	To: Bachelor of Business Administration; Bachelor of Business; Bachelor of Commerce; Bachelor of Information Technology

Program focus

The Diploma of Business Administration (DPBA) equips you with foundation knowledge of business and a basic understanding of the competitive environment in which private and public sector organisations operate.

Program structure

COURSES TO BE STUDIED	UNITS
Core courses	4
<i>plus</i> 4 x electives ¹	4
TOTAL	8

CORE COURSES

Select **four** from the following:

ACC1101	Accounting for Decision-Making
CIS1000	Information Systems Concepts
ECO1000	Economics
FIN1101	Introduction to Corporate Finance
LAW1101	Introduction to Law
MGT1000	Organisational Behaviour
MKT1001	Introduction to Marketing
POL1000	Government, Business and Society
STA2300	Data Analysis

plus **four** Faculty of Business and Law courses

¹ Electives must be chosen from Faculty of Business and Law courses.

■ Associate Degree of Business (ADBS)

CRICOS code	076058J
Units to complete	16
Duration	2 years
Start date	February, July
Campus	Toowoomba, Springfield, Fraser Coast
Entry requirements	Minimum of IELTS 6.0 or equivalent (no component lower than 5.5) Year 12 Senior Certificate or equivalent from a recognised institution
Program articulation	To: Bachelor of Business Administration; Bachelor of Business; Bachelor of Commerce

Program focus

The Associate Degree of Business equips you with foundation knowledge of a broad range of business activities within the contemporary competitive business environment.

Program structure

COURSES TO BE STUDIED	UNITS
Core courses	8
Discipline area courses	8
TOTAL	16

CORE COURSES

Select courses from the Bachelor of Business Administration (page 28), Bachelor of Business (page 25) or Bachelor of Commerce (page 30).

DISCIPLINE AREA COURSES

Select courses from the majors and minors listed for the Bachelor of Business Administration (page 28), Bachelor of Business (page 26) or Bachelor of Commerce (page 30).

Bachelor of Accounting and Sustainable Business (BASB)

CRICOS code	063822G
Units to complete	32
Duration	4 years
Start date	February, July
Campus	Springfield
Entry requirements	Minimum of IELTS 6.0 or equivalent (no component lower than 5.5) Year 12 Senior Certificate or equivalent from a recognised institution A-level Mathematics or equivalent is assumed

Program focus

In a world first, the Bachelor of Accounting and Sustainable Business (BASB) embeds the Global Reporting Initiative (GRI) principles, giving you a program with a true sustainable business focus. The Accounting courses provide you with a knowledge-base in financial accounting, management accounting, business law and finance. The Sustainable Business and Environmental Science courses equip you with the knowledge and skills to meet the needs of organisations to strategically manage and report their environmental and social impacts on the community. You will also gain an understanding of the principles and practices associated with carbon accounting and carbon tax/emissions trading systems. In addition, the program provides you with the necessary administrative and management skills required by organisations to compete in the global economic environment. After successful completion of USQ's BASB degree, you can gain full credit towards the Bachelor of Science in Business Administration from City University of Seattle (CityU) in the USA – thereby receiving two degrees from your studies at USQ! Electing to participate in the credit-guarantee option from CityU requires no additional academic work and only requires that you apply to CityU at the beginning of your first semester of studies at USQ, and meet certain academic and administrative requirements.

Professional accreditation

Graduates of this program will meet the educational entrance requirements of CPA Australia and The Institute of Chartered Accountants in Australia (ICAA). This provides Associate membership of CPA Australia, eligibility to study the CPA professional exams and eligibility to study the ICAA professional exams.

Program structure

COURSES TO BE STUDIED	UNITS
Core Business courses	8
<i>plus</i> 8 x Accounting courses	8
<i>plus</i> 8 x Business Administration courses	8
<i>plus</i> 8 x Sustainable Business courses	8
TOTAL	32

CORE COURSES

ACC1101	Accounting for Decision-Making
CIS1000	Information Systems Concepts
ECO1000	Economics
FIN1101	Introduction to Corporate Finance
LAW1101	Introduction to Law
MKT1001	Introduction to Marketing
STA2300	Data Analysis
BUS3000	Work Integrated Learning or MGT1000 Organisational Behaviour

ACCOUNTING COURSES

ACC1102	Financial Accounting
ACC2113	Management Accounting I
ACC2115	Company Accounting
ACC3101	Accounting Information Systems
ACC3116	Accounting and Society
ACC3118	Auditing
LAW2106	Law of Business Organisations
LAW3130	Revenue Law and Practice

BUSINESS ADMINISTRATION COURSES

CMS1009	Communication in Academic and Professional Contexts
CTU3020	Writing for the Professions ^{1,2}
CTU3040	Effective Organisational Communications ^{1,2}
CTU3070	Corporate Social Responsibility ^{2,3}
CTU4050	Operations Management ^{1,2}
CTU4080	Fair Labour Practices ^{2,3}
CTU4950	Business Strategy ²
MAT1001	Business Mathematics Fundamentals

SUSTAINABLE BUSINESS COURSES

ACC3040	Sustainable Business
ACC3041	Sustainable Accounting and Finance
ECO3030	Sustainable Economies
LAW2107	Environmental Law
POL3013	Sustainability and Politics
REN1201	Environmental Studies
REN3301	Biodiversity and Conservation
REN3302	Sustainable Resource Use

1 Offered in odd-numbered years.

2 Jointly badged course between USQ/City University of Seattle (CityU), USA.

3 Offered in even-numbered years.

■ Bachelor of Business (BBUS)

CRICOS code 003591C

Units to complete 24

Duration 3 years

Start date February, July

Campus Toowoomba, Springfield, Fraser Coast

Entry requirements Minimum of IELTS 6.0 or equivalent (no component lower than 5.5)
Year 12 Senior Certificate or equivalent from a recognised institution
A-level Mathematics or equivalent is assumed

NOTE

Students can only commence study in Semester 3 at Springfield campus or via distance education.

Program focus

MAJORS

Administrative Management

This major aims to equip you with the knowledge, skills and attitudes that will enable you to perform a role in the administrative management function of an organisation. It also provides you with management techniques that will assist you to lead and direct people to attain the information-related goals of the organisation. The major will also assist in preparing you for work in the virtual-office environment.

Human Resource Management

If you are looking for a career which will involve managing people at work in a way that enhances the productivity of your prospective organisation, then Human Resource Management in the Bachelor of Business is the perfect area of study for you. This major covers a broad range of areas, including organisational behaviour and management, staffing and remuneration, workplace health and safety, employment relations, people development, workplace negotiations, strategic human resource management and leading organisational change.

Information Technology Management

The Information Technology Management major is highly focused on Information Systems (IS) as a key strategic enabler of business success, and teaches you how to leverage IS to identify and solve business problems. This major serves as a pathway into a variety of rapidly emerging IS career paths where business skills, for example communication, problem-solving and teamwork, are most important. As an Information Technology Management student, you will develop skills in electronic commerce, systems analysis, database design and implementation, security, network management, service management and enterprise resource systems. You will study leading-edge business packages and tools, such as Oracle, SAP and ISO20000, and will be provided with the opportunity to pursue professional certification in a number of these areas.



International Business

Firms conducting business in an increasingly global working environment need employees who understand how to deal with the challenges facing them, and the International Business major prepares you for such a role. On completion of this program, you will graduate with a Bachelor of Business (International Business) and will be well-placed to seek employment with domestic and multinational corporations, government organisations, non-profit organisations and international organisations across the manufacturing and service sector where a broad knowledge of international business is required.

Management and Leadership

You should choose the major in Management and Leadership if you wish to become an excellent manager in your future workplace. In this major you learn about topic areas, such as managing organisations, organisational behaviour and management, leadership, people development, knowledge management, international management, leading organisational change and business strategy.

Marketing

This major provides you with opportunities to learn relevant marketing theories and principles in a real-world context through the use of case studies and applied activities. If you graduate with the Marketing major, you will be well-equipped to work as a practising marketer in a range of both product and service industries, and you will have an appreciation for the global, sustainable and ethical contextualisation of both marketing strategies and practices.

Marketing and Hospitality Management²

This major provides a unique combination of USQ program delivery with recognition of TAFE qualifications. Upon successful completion of this joint-delivery dual-award program, you will receive two qualifications: a Diploma of Hospitality from TAFE and a Bachelor of Business (Marketing and Hospitality Management) from USQ. The USQ component of the program will provide an understanding of marketing theories and principles. Your knowledge in the field of management will be further developed through human resource and management courses. In graduating from this program, you will be well-positioned to fill supervisory and executive positions.

Supply Chain Management

The Supply Chain Management major teaches you about planning, organising and controlling the flow of material and information within and between organisations. In this major, you will find that the content combines supply chain design, logistics management, distribution channels, supply chain operations and quality management to provide you with the required knowledge and skills to pursue careers within the production and service industry, as well as consultancies.

Tourism Management

If you are seeking a management career in the diverse and dynamic tourism industry, the Tourism Management major has been designed to provide you with the relevant professional education. This program has been structured around a core of foundation business courses, field-specific courses and elective courses, and includes a blend of theoretical and applied courses. As a graduate of this major, you will be well-equipped to assist the tourism sector to establish and grow a sustainable future.

Tourism and Events Management²

This major provides a unique combination of USQ program delivery with recognition of TAFE qualifications. Upon successful completion of this joint-delivery dual-award program, you will receive two qualifications: a Diploma of Events from TAFE and a Bachelor of Business (Tourism and Events Management) from USQ. If you are seeking a management career in the diverse and dynamic tourism industry, then this major has been designed to provide you with the relevant professional education. The program is structured around a core of foundation business courses, field-specific courses and elective courses, and includes a blend of theoretical and applied courses. As a graduate of this major, you will be well-equipped with tourism and events management skills and knowledge to assist the tourism and events industries to establish and grow a sustainable future.

Professional accreditation

The Information Technology Management major is accredited at professional level by the Australian Computer Society and, through the Seoul Accord, is recognised in other countries.

The Human Resource Management major will satisfy the academic requirements for membership of the Australian Human Resources Institute.

Program structure

COURSES TO BE STUDIED	UNITS
Core courses	8
<i>plus</i> 1 x 8-unit major	8
<i>plus</i> 1 x 8-unit second major ^{1,2} <i>or</i> 2 x 4-unit minors ² <i>or</i> 1 x 4-unit minor plus 4 x electives ²	8
TOTAL	24

CORE COURSES

ACC1101	Accounting for Decision-Making
CIS1000	Information Systems Concepts
ECO1000	Economics
LAW1101	Introduction to Law
MGT1000	Organisational Behaviour
MKT1001	Introduction to Marketing
STA2300	Data Analysis
FIN1101	Introduction to Corporate Finance
<i>or</i> POL1000	Government, Business and Society
<i>or</i> MGT2204	Business Ethics and Governance

MAJOR COURSES

Administrative Management T

MGT1001	Foundations of Human Resource Management
MGT1200	Business Communication
MGT2203	Project Management Fundamentals
MGT2204	Business Ethics and Governance
MGT3200	Information Management
MGT3201	Organisational Administration
MKT3002	Business Strategy in a Global Environment

plus one from the following:

BUS3000	Work Integrated Learning
CIS3008	Information Technology Service Management
MKT3001	Applied Business Research
MKT3006	Small and Medium Enterprise Development

Human Resource Management T S

MGT1001	Foundations of Human Resource Management
MGT2000	Staffing and Remuneration
MGT2001	Management of Workplace Health and Safety
MGT2002	Managing Organisations
MGT2004	People Development
MGT2006	Employment Relations
MGT3003	Human Resource Performance Management
BUS3000	Work Integrated Learning
or	MGT3002 Leading Organisational Change

Information Technology Management T

CIS1101	Business Online
CIS2000	Systems Analysis and Design
CIS2002	Database Design and Implementation
CIS2005	Principles of Information Security
CIS3002	Business Analysis
CIS3008	Information Technology Service Management
CIS3009	Enterprise Systems in Practice
BUS3000	Work Integrated Learning
or	CIS3011 Information Systems Project

International Business T

INR1000	International Relations in a Globalizing Era
MGT2060	International Business Environment and Operations
MGT3001	Global Management
MKT2002	Global Marketing
MKT3002	Business Strategy in a Global Environment
POL2001	Politics and International Business

plus two from the following:

BUS3000	Work Integrated Learning
FIN3106	International Finance
INR2002	Contemporary Issues in Asia
INR3000	Australian Foreign Relations
INR3004	Change in Contemporary China

One or two non-English language courses, subject to the approval of the Director of Coursework Studies

Management and Leadership T

MGT2002	Managing Organisations
MGT2007	Leadership
MGT2008	Managing Knowledge
MGT3001	Global Management
MGT3002	Leading Organisational Change
MGT3003	Human Resource Performance Management
MKT3002	Business Strategy in a Global Environment
BUS3000	Work Integrated Learning
or	MGT3004 Creativity, Innovation and Entrepreneurship
or	MGT2004 People Development

Marketing T S FC

MKT1002	Consumer Behaviour
MKT2001	Promotion Management
MKT2002	Global Marketing
MKT2004	Marketing Channels
MKT2012	Services Marketing
MKT3001	Applied Business Research
MKT3007	Marketing Strategy

plus one from the following:

BUS3000	Work Integrated Learning
MKT2020	Sports Marketing
MKT3006	Small and Medium Enterprise Development

Marketing and Hospitality Management T S FC

MGT1001	Foundations of Human Resource Management
MGT2002	Managing Organisations
MKT1002	Consumer Behaviour
MKT2001	Promotion Management
MKT2002	Global Marketing
MKT2012	Services Marketing
MKT3006	Small and Medium Enterprise Development
BUS3000	Work Integrated Learning
or	MKT3001 Applied Business Research

Supply Chain Management T

MGT2103	Business Logistics
MGT2104	Supply Chain Design
MGT2203	Project Management Fundamentals
MGT3100	Quality and Performance Management
MKT2004	Marketing Channels
MKT3001	Applied Business Research
MKT3002	Business Strategy in a Global Environment

plus one from the following:

BUS3000	Work Integrated Learning
MGT3001	Global Management
MKT2002	Global Marketing

Tourism Management S

MGT3001	Global Management
MKT2012	Services Marketing
TOU1003	Tourism Management
TOU2008	Ecotourism
TOU2009	Cultural Tourism
TOU3010	Event Management

plus two from the following:

BUS3000	Work Integrated Learning
MKT3001	Applied Business Research
MKT3006	Small and Medium Enterprise Development
MKT3007	Marketing Strategy

Tourism and Events Management S

MGT3001	Global Management
MKT2012	Services Marketing
TOU1003	Tourism Management
TOU2008	Ecotourism
TOU2009	Cultural Tourism
TOU3010	Event Management

plus two from the following:

BUS3000	Work Integrated Learning
MKT3001	Applied Business Research
MKT3006	Small and Medium Enterprise Development
MKT3007	Marketing Strategy

- 1 Not all majors and minors are fully available on-campus at all campuses.
- 2 In order to complete the Marketing and Hospitality Management and the Tourism and Event Management majors, you need to have successfully completed a diploma from a TAFE institution or equivalent accredited body. These diplomas replace the need for a second major.



Bachelor of Business Administration (BBAD)

CRICOS code 042317J

Units to complete 24

Duration 3 years

Start date February, July

Campus Toowoomba, Springfield

Entry requirements Minimum of IELTS 6.0 or equivalent (no component lower than 5.5)
Year 12 Senior Certificate or equivalent from a recognised institution
A-level Mathematics or equivalent is assumed

Program focus

The Bachelor of Business Administration (BBAD) equips you with an understanding of the competitive environment in which private and public sector organisations operate, and the analytical and operational skills to resolve business problems in both sectors. This program provides you with the flexibility to study areas of your particular interest. By choosing to study three minors, you can prepare yourself for a range of careers in both the public and private sectors. You will also develop foundation knowledge in all aspects of business and be given the flexibility to develop more than one area of expertise.

MINOR STUDIES

You may choose any minor from the Faculty of Business and Law minors. One or more courses in a minor may be substituted with another course in the same discipline with the permission of the Director of Coursework Studies.

NOTE

Not all minors are available on-campus.

Program structure

COURSES TO BE STUDIED	UNITS
Core courses	8
<i>plus</i> 3 x 4-unit minors	12
<i>plus</i> 4 x electives	4
TOTAL	24

CORE COURSES

ACC1101	Accounting for Decision-Making
CIS1000	Information Systems Concepts
LAW1101	Introduction to Law
MGT1000	Organisational Behaviour
MGT1200	Business Communication
MGT2002	Managing Organisations
MKT1001	Introduction to Marketing
FIN1101	Introduction to Corporate Finance ¹
	or POL1000 Government, Business and Society

MINOR STUDY OPTIONS

- Accounting
- Administrative Management
- Business Administration
- Business Basics
- Business Law
- Computing
- e-Commerce
- Economics and Politics
- Finance
- Global Political Economy
- Human Resource Management
- Information Management
- Information Systems Development
- Information Systems Management
- International Business
- Management Law
- Marketing
- Marketing Management
- New Enterprise Management
- Politics and International Relations
- Services Marketing
- Small Business
- Sports Marketing
- Strategic Planning
- Supply Chain Management
- Tourism

For a complete list of courses, please visit www.usq.edu.au/international

¹ FIN1101 should be undertaken if students wish to complete the Finance minor.

■ Bachelor of Commerce (BCOM)

CRICOS code 017300D

Units to complete 24

Duration 3 years

Start date February, July

Campus¹ Toowoomba, Springfield, Fraser Coast

Entry requirements Minimum of IELTS 6.0 or equivalent (no component lower than 5.5)
Year 12 Senior Certificate or equivalent from a recognised institution
A-level Mathematics or equivalent is assumed

Program focus

The Bachelor of Commerce is a career-oriented degree which will provide you with a sound foundation in all aspects of commerce.

ACCOUNTING

This major provides you with a broad knowledge-base in financial accounting, management accounting, business law and finance. Second majors or minors are available in a range of business, commerce and arts areas.

BUSINESS LAW

The Business Law major is designed to provide you with an appreciation of the legal framework within which commerce and business operate. You will develop skills in detailed examination of facts, analysis of statutory provision, marshalling of arguments based on legal principles, and communication.

FINANCE

This major provides you with knowledge of financial environments and modern analytical techniques. You will learn to understand a broad range of finance areas, including business finance, stockbroking, investment management, international financial management and financial economics. In completing this program, you will be equipped for a career in stockbroking, financial services and business. Second majors or minors are available to you in a range of business, commerce and arts areas.

GENERAL COMMERCE

The General Commerce major provides you with a broader commerce degree. It is ideal if you are looking for a solid foundation in commerce, but are not seeking membership of a professional body. The flexibility of the program means that you can tailor your study to your specific areas of interest.

INFORMATION TECHNOLOGY MANAGEMENT

The Information Technology Management major is highly focused on Information Systems (IS) as a key strategic enabler of business success, and teaches you how to leverage IS to identify and solve business problems. The major serves as a pathway into a variety of rapidly emerging IS career paths where business skills, for example communication, problem-solving and teamwork, are most important. When taken as a secondary major with the Accounting major, you will be prepared for a career as a system accountant, business analyst or an information systems auditor. As an Information Technology Management student, you will develop skills in electronic commerce, systems analysis, database design and implementation, security, business intelligence and enterprise resource planning systems. You will study leading-edge business packages and tools, such as Oracle, SAS and SAP, and will be provided with the opportunity to pursue professional certification in the use of a number of these systems.

SUSTAINABLE BUSINESS

This major provides you with a broad base of knowledge relevant to sustainable business, including environmental studies, biodiversity, conservation, environmental law, sustainable economies, sustainable business and sustainable accounting and finance.

SUSTAINABLE ECONOMICS AND POLICY

As a future economist, you will seek to understand how economies work and to apply this knowledge and skills to a wide range of complex problems encountered by governments, businesses and households. This major provides you with the skills and knowledge in economics and public policy to address current economic and sustainability issues.

Professional accreditation

Accounting major graduates will meet the educational entrance requirements of CPA Australia and The Institute of Chartered Accountants in Australia (ICAA). This provides Associate membership of CPA Australia, eligibility to study the CPA professional exams and eligibility to study the ICAA professional exams.

Accounting major students who complete the Finance minor will meet the educational entrance requirements of the Financial Services Institute of Australasia (Finsia).

Finance major graduates will meet the educational entrance requirements to become an Associate member of the Financial Services Institute of Australasia (Finsia).

The Information Technology Management major is accredited at professional level by the Australian Computer Society and, through the Seoul Accord, is recognised in other countries.

Program structure

COURSES TO BE STUDIED	UNITS
Core courses	8
<i>plus</i> 1 x 8-unit major	8
<i>plus</i> 1 x 8-unit second major <i>or</i> 2 x 4-unit minors <i>or</i> 1 x 4-unit minor plus 4 x electives	8
TOTAL	24

CORE COURSES

ACC1101	Accounting for Decision-Making
CIS1000	Information Systems Concepts
ECO1000	Economics
FIN1101	Introduction to Corporate Finance
LAW1101	Introduction to Law
MGT1000	Organisational Behaviour
STA2300	Data Analysis
MKT1001	Introduction to Marketing <i>or</i> POL1000 Government, Business and Society

MAJORS

Accounting T S FC

ACC1102	Financial Accounting
ACC2113	Management Accounting I
ACC2115	Company Accounting
ACC3101	Accounting Information Systems
ACC3116	Accounting and Society
ACC3118	Auditing
LAW2106	Law of Business Organisations
LAW3130	Revenue Law and Practice

Business Law T

LAW2104	Business and Consumer Law
LAW2106	Law of Business Organisations
LAW2107	Environmental Law
LAW2301	e-Law
LAW3110	Insolvency and Restructuring Law
LAW3130	Revenue Law and Practice
LAW3131	Revenue Law and Practice II

plus one from the following:

BUS3000	Work Integrated Learning
MGT2204	Business Ethics and Governance
MGT3001	Global Management
POL2001	Politics and International Business

Finance T S

FIN1103	Financial Markets
FIN2105	Portfolio Management
FIN2108	Credit Analysis and Lending Management
FIN2302	Financial Economics and Methods
FIN3101	Finance Theory and Applications
FIN3106	International Finance
FIN3109	Managing Financial Institutions
ECO2000	Macroeconomics for Business and Government <i>or</i> FIN2106 Personal Financial Planning

General Commerce²

Students may select **eight** courses from all courses listed in Bachelor of Commerce majors.

Information Technology Management T

CIS1101	Business Online
CIS2000	Systems Analysis and Design
CIS2002	Database Design and Implementation
CIS2005	Principles of Information Security
CIS3002	Business Analysis
CIS3009	Enterprise Systems in Practice
FIN3103	Business Data Forensics
BUS3000	Work Integrated Learning <i>or</i> CIS3011 Information Systems Project

Sustainable Business T S

ECO3030	Sustainable Economies
LAW2107	Environmental Law
REN1201	Environmental Studies
REN3301	Biodiversity and Conservation
REN3302	Sustainable Resource Use

plus three from the following:

ACC3040	Sustainable Business
ACC3041	Sustainable Accounting and Finance
BUS3000	Work Integrated Learning
CIS1101	Business Online
CIS3008	Information Technology Service Management
CLI1110	Weather and Climate
CMS3001	Global Conflict Communication
MGT2002	Managing Organisations
MGT2008	Managing Knowledge
MGT3001	Global Management
MGT3002	Leading Organisational Change
POL3013	Sustainability and Politics
TOU2008	Ecotourism

or any other course with the approval of the Director of Coursework Studies.

Sustainable Economics and Policy T

REN1201	Environmental Studies
ECO2000	Macroeconomics for Business and Government
ECO2001	Microeconomics for Business and Government
POL2000	Political and Economic Ideas
POL2001	Politics and International Business
ECO3002	Economic Policy Analysis
ECO3030	Sustainable Economies
POL3013	Sustainability and Politics

1 Not all majors are fully available on-campus.

2 This major may only be taken as a first major by Bachelor of Commerce students.

Bachelor of Laws (BLAW)

CRICOS code 060144J

Units to complete 32

Duration 4 years

Start date February, July

Campus Toowoomba, Springfield

Entry requirements Minimum of IELTS 6.5 or equivalent (no component lower than 6.0)
Year 12 Senior Certificate or equivalent from a recognised institution

Program focus

The Bachelor of Laws provides you with the opportunity for a comprehensive study of law, not only to prepare you for practice as a solicitor or barrister in Queensland or legal practitioner elsewhere in Australia, but also to examine law and the legal process in social and theoretical contexts. The program will also provide you with opportunities to develop a range of legal and general skills essential for all legal workplaces. While you undertake traditional study in the litigation process, you will also learn about the increasingly important alternative methods of resolving disputes.

Professional accreditation

The Bachelor of Laws has been accredited by the Legal Practitioners Admissions Board, Queensland, and the Chief Justice of the Supreme Court of Queensland as an approved academic qualification under the Supreme Court (Legal Practitioner Admission) Rules 2004 (Qld). This will partially satisfy the requirements to practise as a solicitor or barrister in Queensland, or as a legal practitioner elsewhere in Australia. Intending solicitors and barristers must also complete an approved practical legal training course in order to become admitted to practice. USQ Law graduates have the option of completing their practical legal training through a one-year traineeship in a law practice, or through an institution that offers a practical legal training qualification.

Program structure

COURSES TO BE STUDIED	UNITS
Core courses	22
<i>plus</i> 3–6 Law electives	3–6
<i>plus</i> 4–7 non-Law electives	4–7
TOTAL	32

CORE COURSES

LAW1201	Legal Process and Research
LAW1202	Law in Context
LAW2201	Contract A
LAW2202	Contract B
LAW2203	Torts A
LAW2204	Torts B
LAW2205	Criminal Law A
LAW2206	Legal Conflict Resolution
LAW2207	Company Law
LAW3201	Constitutional Law A
LAW3202	Administrative Law
LAW3203	Property Law A
LAW3204	Property Law B
LAW3205	Equity
LAW3206	Trusts
LAW3208	Evidence
LAW3209	Procedure
LAW3210	Theories of Law
LAW3211	Legal Professional Practice and Ethics
LAW3423	Criminal Law B
LAW3461	Constitutional Law B
LAW4401	Capstone Project

ELECTIVES

Law Electives

Select **three to six** from the following:

LAW2107	Environmental Law
LAW2301	e-Law
LAW3110	Insolvency and Restructuring Law
LAW3130	Revenue Law and Practice
LAW3131	Revenue Law and Practice II
LAW3404	Banking, Finance and Insurance Law
LAW3405	Human Rights and Anti-Discrimination Law
LAW3406	Intellectual Property Law
LAW3421	Family Law
LAW3422	Succession Law
LAW3424	Land Contracts
LAW3441	Natural Resources Law
LAW3442	Workplace Law
LAW3443	Public International Law
LAW3444	Competition and Consumer Law
LAW3462	International Human Rights Law
LAW3463	Private International Law
LAW3464	International Trade Law
LAW5504	Comparative Law and Business
WIL3000	Work Integrated Learning – Law

Non-Law Electives

Select **four to seven** courses offered at undergraduate level by any faculty except:

LAW1101	Introduction to Law
LAW2104	Business and Consumer Law
LAW2106	Law of Business Organisations

Combined/Double Degree Programs

Bachelor of Arts and Bachelor of Business (BABZ)

CRICOS code: 075195G
Units to complete: 32
Campus: Springfield¹, Toowoomba

Bachelor of Arts and Bachelor of Laws (BALW)

CRICOS code: 075196G
Units to complete: 40
Campus: Springfield¹, Toowoomba

Bachelor of Business and Bachelor of Information Technology (BBIT)

CRICOS code: 069697C
Units to complete: 32
Campus: Toowoomba

Bachelor of Business and Bachelor of Laws (BBLA)

CRICOS code: 070614A
Units to complete: 40
Campus: Springfield¹, Toowoomba

Bachelor of Commerce and Bachelor of Business (BCBZ)

CRICOS code: 069949K
Units to complete: 32
Campus: Springfield¹, Toowoomba

Bachelor of Commerce and Bachelor of Information Technology (BCIT)

CRICOS code: 069698B
Units to complete: 32
Campus: Toowoomba

Bachelor of Commerce and Bachelor of Laws (BCLA)

CRICOS code: 070615M
Units to complete: 40
Campus: Springfield¹, Toowoomba

Bachelor of Commerce and Bachelor of Science (BCSC)

CRICOS code: 074633K
Units to complete: 32
Campus: Toowoomba

Bachelor of Engineering and Bachelor of Business (BEBB)

CRICOS code: 030308J
Units to complete: 40
Campus: Toowoomba

Bachelor of Psychology in Business (BPSB)

CRICOS code: 059204A
Units to complete: 24
Campus: Springfield

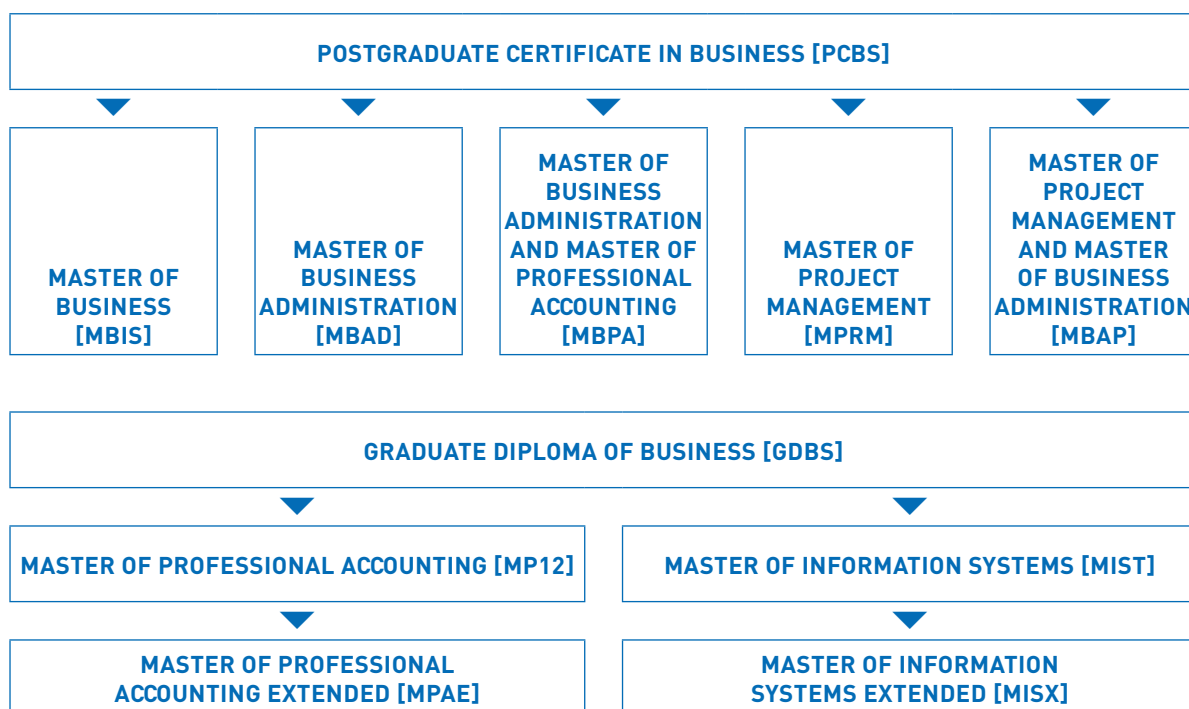
¹ Not all majors in this program are available on-campus.

Other undergraduate Business and Law programs

For additional Business programs please refer to the following:

- Bachelor of Information Technology (BITC) on page 120.

Postgraduate Business and Law



Graduate Certificate in Business (GCBS)

CRICOS codes 067692B

Units to complete 4

Duration 0.5 year

Start date February, July

Campus Toowoomba, Springfield, Fraser Coast

Entry requirements Minimum of IELTS 6.5 or equivalent (no component lower than 6.0)
Approved 3-year bachelor degree or equivalent
or
other qualifications or substantial relevant professional experience¹

Program focus

If you hold an undergraduate or selected postgraduate qualification in Business, Commerce, Economics, Information Systems, Law or other related field, you may wish to complete additional courses to enhance your career opportunities. The Graduate Certificate in Business offers you the chance to gain further qualifications to meet the educational entrance and/or continuing professional development requirements of Australian professional and other bodies, such as:

- CPA Australia
- The Institute of Chartered Accountants in Australia
- Australian Computer Society
- Australian Human Resources Institute
- Financial Services Institute of Australasia
- Legal Practitioners Admissions Board
- The Tax Agents Registration Board.

Program structure

COURSES TO BE STUDIED	UNITS
Core courses	4
TOTAL	4

Students are required to satisfactorily complete four Business, Commerce, Information Systems or Law courses. The courses normally should be at undergraduate level. However, postgraduate 5000 level courses may be undertaken with the approval of the Director of Coursework Studies.

¹ As deemed sufficient and appropriate by the Director of Coursework Studies.

Graduate Diploma of Business (GDBS)

CRICOS code 072355K

Units to complete 8

Duration 1 year

Start date February, July

Campus Toowoomba, Springfield

Entry requirements Minimum of IELTS 6.0 or equivalent (no component lower than 5.5)

Accounting

An accredited post-year 12 qualification equivalent to at least two years' full-time study¹ or a minimum of at least five years' relevant work experience²

Information Systems

At least a two-year diploma from a recognised university or an approved equivalent qualification in an area other than computing; and have introductory knowledge of computing consistent with that found in CIS1000 Information Systems Concepts.

Program focus

The Graduate Diploma of Business will give you the opportunity to enhance your career prospects by obtaining knowledge in a specialist field. You may choose between the fields of Accounting or Information Systems.

Program structure

COURSES TO BE STUDIED	UNITS
1 x Accounting specialisation	
or	8
1 x Information Systems specialisation	
TOTAL	8

ACCOUNTING T S

Select **eight** from the following:

ACC5202	Accounting
ACC5213	Cost and Management Accounting
ACC5215	Corporate Accounting
ACC5216	Accounting Theory
ACC5218	Auditing Practice
CIS8000	Global Information Systems Strategy
ECO5000	Economics for Managers
FIN5000	Financial Management
FIN5003	Decision Support Tools
LAW5201	Commercial Law
LAW5206	Corporations Law
LAW5230	Taxation Law

INFORMATION SYSTEMS T

CIS2000	Systems Analysis and Design
CIS2002	Database Design and Implementation
<i>plus four</i> from the following:	
CIS2003	Component Based Software Development
CIS2005	Principles of Information Security
CIS3001	Object-Oriented Programming with Java
CIS3002	Business Analysis
CIS3003	Networks and Distributed Systems
CIS3007	Enterprise Solutions Project
CIS3008	Information Technology Service Management
CIS3009	Enterprise Systems in Practice
CIS3010	Oracle Development
<i>plus two</i> from the following:	
CIS8004	Enterprise Planning and Implementation
CIS8008	Business Intelligence
CIS8009	Enterprise Digital Infrastructure
CIS8010	Information Systems Project Management
CIS8011	Digital Innovation
CIS8018	Strategic Information Security
CIS8100	Digital Enterprise

- 1 Provided the qualification is accepted by the Director of Coursework Studies as sufficient for admission to the program.
- 2 Applicants with overseas academic qualifications in accounting should contact either CPA Australia or The Institute of Chartered Accountants in Australia for an assessment of their qualifications prior to application to this program.

Postgraduate Certificate in Business (PCBS)

CRICOS code 063623C

Units to complete 4

Duration 0.5 year

Start date February, July

Campus Toowoomba, Springfield

Entry requirements Minimum of IELTS 6.5 or equivalent (no component lower than 6.0)

plus one of the following¹:

Early Career specialisation²

3-year bachelor degree or equivalent

General or Named specialisation

3-year bachelor degree or equivalent and a minimum of 3 years' full-time equivalent work experience

Business Foundation specialisation¹

Candidates who do not hold a degree will be considered for admission if they have a minimum of 3 years' full-time equivalent relevant and appropriate work experience

Program focus

The Postgraduate Certificate in Business is an enabling program that provides pathways into a range of postgraduate studies in the Faculty of Business and Law by providing you with either foundation or advanced business knowledge and skills. You can choose an appropriate specialisation to meet your particular needs and interests to facilitate educational and career development.

Professional accreditation

The Postgraduate Certificate in Business (Project Management) is accredited by the US-based Project Management Institute (PMI). USQ is endorsed as a National Provider of Project Management Education by the Australian Institute of Project Management (AIPM).

Program structure

COURSES TO BE STUDIED	UNITS
Specialisation or general MBA courses	4
TOTAL	4

GENERAL SPECIALISATION³ T S

Select **four** units from the Master of Business Administration, Master of Management, Master of Business and Master of Project Management.

EARLY CAREER SPECIALISATION⁴ T

Select **four** from the following:

FIN5003	Decision Support Tools
LAW5201	Commercial Law
LAW5501	Advanced Legal Process and Research
LAW5502	Advance Law in Context
PRL5002	Strategic Issues and Crisis Management
PRL8004	Financial Communication
PRL8005	Management Communication

or a postgraduate course from the Faculty of Business and Law coursework masters programs, excluding the Master of Business Administration⁵

BUSINESS FOUNDATION SPECIALISATION T S

MGT5000	Managing Organisational Behaviour
ACC5502	Accounting and Financial Management
ECO5000	Economics for Managers
MKT5000	Marketing Management

NAMED SPECIALISATION³

Students can choose a named specialisation from the following study areas:

Option 1

Select **three** courses from a Master of Business Administration specialisation T S
plus one discipline-related course from the Master of Business Administration core courses⁵

Option 2

Select a **four**-course specialisation from the Master of Project Management S

- 1 Students who hold an undergraduate degree but have not had a minimum of three years' full-time equivalent relevant professional work experience can only enrol in the Early Career specialisation.
- 2 As determined by the Director of Coursework Studies.
- 3 Students are not able to undertake MGT8002 Strategic Management in this specialisation without approval from the Director of Coursework Studies.
- 4 Students are not able to undertake MGT8002 Strategic Management in this specialisation.
- 5 Requires approval from the Director of Coursework Studies.

Juris Doctor (DJUR)

CRICOS code 060145G

Units to complete 24

Duration 3 years

Start date February, July

Campus Toowoomba, Springfield

Entry requirements Minimum of IELTS 6.5 or equivalent (no component lower than 6.0)

3-year bachelor degree or equivalent

Program focus

The Juris Doctor is a graduate-entry program (for non-law graduates) that provides you with the opportunity for a comprehensive study of law, not only to prepare for practice as a solicitor or barrister in Queensland but also to examine the legal process and its social, political and economic context.

The program aims to equip you with an academic qualification for professional practice.

While this is a focused program preparing you for professional practice with particular skills in applied legal research, it also builds the special capabilities that a legal education can offer, such as complex problem-solving and policy analysis.

Professional accreditation

The Juris Doctor has been accredited by the Legal Practitioners Admissions Board, Queensland, and the Chief Justice of the Supreme Court of Queensland as an approved academic qualification under the Supreme Court (Legal Practitioner Admission) Rules 2004 (Qld). This will partially satisfy the requirements to practise as a solicitor or barrister in Queensland, or as a legal practitioner elsewhere in Australia. Intending solicitors and barristers must also complete an approved practical legal training course in order to become admitted to practice. USQ Law graduates have the option of completing their practical legal training through a one-year traineeship in a law practice, or through an institution that offers a practical legal training qualification.

NOTE

This qualification does not entitle graduates to use the title 'Doctor'.

Program structure

COURSES TO BE STUDIED	UNITS
Core courses	20
<i>plus</i> 4 x Law electives	4
TOTAL	24

CORE COURSES

LAW5501	Advanced Legal Process and Research
LAW5502	Advanced Law in Context
LAW5601	Advanced Contract A
LAW5602	Advanced Contract B
LAW5603	Advanced Torts A
LAW5604	Advanced Torts B
LAW5605	Advanced Criminal Law A
LAW5606	Advanced Criminal Law B
LAW5607	Advanced Company Law
LAW5701	Advanced Constitutional Law A
LAW5702	Advanced Administrative Law
LAW5703	Advanced Property Law A
LAW5704	Advanced Property Law B
LAW5705	Advanced Equity
LAW5706	Advanced Trusts
LAW5708	Advanced Evidence
LAW5709	Advanced Procedure
LAW5711	Advanced Legal Professional Practice and Ethics
LAW5712	Advanced Constitutional Law B
LAW5713	Advanced Capstone Project ^x

ELECTIVES

Select **four** courses from the following:

LAW2107	Environmental Law
LAW2206	Legal Conflict Resolution
LAW2301	e-Law
LAW3110	Insolvency and Restructuring Law
LAW3130	Revenue Law and Practice
LAW3131	Revenue Law and Practice II
LAW3210	Theories of Law
LAW3404	Banking, Finance and Insurance Law
LAW3405	Human Rights and Anti-Discrimination Law
LAW3406	Intellectual Property Law
LAW3421	Family Law
LAW3422	Succession Law
LAW3424	Land Contracts
LAW3441	Natural Resources Law
LAW3442	Workplace Law
LAW3443	Public International Law
LAW3444	Competition and Consumer Law
LAW3462	International Human Rights Law
LAW3463	Private International Law
LAW3464	International Trade Law
LAW5504	Comparative Law and Business
WIL3000	Work Integrated Learning – Law ²

- 1 Students should have completed 16 core Law courses before enrolling in LAW5713. It is also highly recommended that this course be the last course to complete in the program.
- 2 Students must complete at least half of the core Law courses before enrolling in WIL3000.

Master of Business (MBIS)

CRICOS code 061303B

Units to complete 12

Duration 1.5 years

Start date February, July

Campus Toowoomba, Springfield

Entry requirements Minimum of IELTS 6.5 or equivalent (no component lower than 6.0)

3-year bachelor degree or equivalent

Applicants for the **Business Forensics** specialisation must hold one of the following from a recognised university:

- Approved undergraduate degree in Commerce (Accounting) or a related discipline
- Master of Professional Accounting
- Diploma of Business¹

Alternate entry Candidates who do not have a degree may be permitted to enrol in the Postgraduate Certificate in Business (PCBS), provided they have a minimum of five years' full-time equivalent relevant work experience, as determined by the Director of Coursework Studies. Upon completion of the PCBS and achievement of a minimum GPA of 4, they will be eligible to articulate into the Master of Business.

Program focus

APPLIED FINANCE

This specialisation provides advanced study in finance, including global financial markets, investment management strategies and international financial management. If you are a Business (or related disciplines) graduate you may be eligible for up to four exemptions for foundation courses, to be granted on the basis of prior successful completion of relevant undergraduate study.

Graduates of this specialisation meet the educational entrance requirements to become a Senior Associate member of the Financial Services Institute of Australasia (Finsia), and meet the education requirements for professional membership of the Finance and Treasury Association (FTA).

BUSINESS FORENSICS

This specialisation focuses on the prevention and detection of fraud and manipulation of financial reports. It provides advanced study in forensic accounting, financial statement analysis, business intelligence and information security, which are key skills for accountants who wish to specialise in this field. If you are a Business (or related disciplines) graduate you may be eligible for up to four exemptions for foundation courses, to be granted on the basis of prior successful completion of relevant undergraduate study.

INFORMATION SYSTEMS

This specialisation provides advanced study in information systems planning and implementation, decision support, data communications, project management, information security and strategy. If you are a Business (or related disciplines) graduate you may be eligible for up to four exemptions for foundation courses, to be granted on the basis of prior successful completion of relevant undergraduate study.

Program structure

APPLIED FINANCE; BUSINESS FORENSICS

COURSES TO BE STUDIED	UNITS
Core courses	4
<i>plus</i> 4 x foundation courses	4
<i>plus</i> 4 x elective courses	4
TOTAL	12

INFORMATION SYSTEMS

COURSES TO BE STUDIED	UNITS
Core courses	7
<i>plus</i> 4 x foundation courses	4
<i>plus</i> 1 x elective course	1
TOTAL	12

APPLIED FINANCE T

Core Courses

FIN8104	International Financial Management
FIN8201	Finance for Executives
FIN8202	Financial Markets and Instruments
FIN8203	Strategic Investments

Foundation Courses

ACC5502	Accounting and Financial Management
ECO5000	Economics for Managers
FIN5003	Decision Support Tools
MGT5000	Managing Organisational Behaviour
	<i>or</i> MKT5000 Marketing Management

Electives³

Select **four** courses from the Master of Business Administration or Master of Business¹

BUSINESS FORENSICS T

Core Courses

ACC8105	Financial Statement Analysis
ACC8106	Forensic Accounting ²
CIS8008	Business Intelligence
CIS8018	Strategic Information Security

Foundation Courses

Select **four** from the following:

ACC5216	Accounting Theory
ACC5218	Auditing Practice
CIS8000	Global Information Systems Strategy
FIN5000	Financial Management
LAW5206	Corporations Law
LAW5230	Taxation Law

or any other course¹

Electives³

CIS8011	Digital Innovation
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plus any **three** other courses from the Master of Business Administration or Master of Business

INFORMATION SYSTEMS T

Core Courses

CIS8004	Enterprise Planning and Implementation
CIS8008	Business Intelligence
CIS8009	Enterprise Digital Infrastructure
CIS8010	Information Systems Project Management
CIS8011	Digital Innovation
CIS8018	Strategic Information Security
CIS8100	Digital Enterprise

Foundation Courses

CIS2000	Systems Analysis and Design
CIS2002	Database Design and Implementation
CIS3008	Information Technology Service Management
CIS8000	Global Information Systems Strategy

Electives

BUS8401	Research Methodology 1
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or any other course from the Master of Business Administration or Master of Business¹

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- 1 Subject to the approval of the Director of Coursework Studies.
 - 2 Toowoomba on-campus students will be required to study this course in external mode.
 - 3 Electives must include at least two 8000 level courses.

I chose USQ because it offered the double master degree and there are all kinds of help and support for international students here. I have found that staff at USQ are very caring; they ask about my studies but they also ask if I need help in other matters. USQ is like a shared home for everyone, irrespective of nationality, race, age and culture.

ISMAIL

MASTER OF PROJECT MANAGEMENT
AND MASTER OF BUSINESS
ADMINISTRATION

COUNTRY OF ORIGIN: AFGANISTAN



Master of Business Administration (MBAD)

CRICOS code	066850A
Units to complete	12
Duration	1.5 years
Start date	February, July
Campus	Toowoomba, Springfield
Entry requirements	Minimum of IELTS 6.5 or equivalent (no component lower than 6.0) 3-year bachelor degree or equivalent Minimum of 2 years' full-time equivalent work experience ¹
Alternate entry 1	Candidates who do not have a degree will be permitted to enrol in the Postgraduate Certificate in Business (PCBS) (Business Foundation), provided they have a minimum of three years' full-time equivalent relevant work experience, as determined by the Director of Coursework Studies. Upon completion of the PCBS and achievement of a minimum GPA of 4, they will be eligible to articulate into the Master of Business Administration.
Alternate entry 2	Candidates who have a degree but do not have a minimum of three years' full-time relevant professional work experience will be permitted to enrol in the Postgraduate Certificate in Business (PCBS) (Early Career) only. Upon completion of the PCBS and achievement of a minimum GPA of 4, they will be eligible to apply for the Master of Business Administration.

Program focus

USQ's Master of Business Administration program has a global focus that gives you the practical skills to take your career to the next level. You will learn about change and sustainability across global markets and contexts, as well as areas of contemporary business management that develop advanced analytical and process skills essential to practising managers. As one of Australia's largest MBA's, this program is designed to help you understand and make critical decisions about change and to develop strategies to address such changes. You may choose to supplement your generalist skills by exploring an area of management in depth, chosen from a discipline specialisation. Specialisations available include: Digital Transformation, Finance, Global Business Management, Leadership, Project Management, Strategic Human Resource Management, Strategic Marketing, Sustainable Business, and General. This program is available to graduates from any discipline with relevant professional work experience.

Professional Accreditation

The Master of Business Administration (Project Management) is accredited by the US-based Project Management Institute (PMI). USQ is endorsed as a National Provider of Project Management Education by the Australian Institute of Project Management (AIPM).

Program structure

COURSES TO BE STUDIED	UNITS
Core courses	8
<i>plus</i> 1 x specialisation ² <i>or</i> 1 x general specialisation ³	4
TOTAL	12

CORE COURSES

ACC5502	Accounting and Financial Management
CIS8000	Global Information Systems Strategy
ECO5000	Economics for Managers
MBA8000	Business Ethics and Sustainability
MGT5000	Managing Organisational Behaviour
MGT8022	Project-Based Management
MGT8033	Leading Organisational Change
MKT5000	Marketing Management

SPECIALISATION COURSES

Digital Transformation **T**

CIS8008	Business Intelligence
CIS8011	Digital Innovation
CIS8018	Strategic Information Security
MGT8002	Strategic Management

Finance **T**

FIN8201	Finance for Executives
FIN8202	Financial Markets and Instruments
FIN8203	Strategic Investments
MGT8002	Strategic Management

General **T**

MGT8002	Strategic Management
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plus three courses from USQ postgraduate courses⁴

Project Management **S**

MGT8024	Project Quality, Risk and Procurement Management
MGT8025	Project Scope, Time and Cost Management
MGT8027	Project Human Resources, Communications and Integration Management
MGT8002	Strategic Management

- As determined by the Director of Coursework Studies.
- Must include the capstone course MGT8002.
- Any four related courses with the permission of the Director, Coursework Studies.
- Subject to the approval of the Director of Coursework Studies.

Master of Professional Accounting (MP12)

CRICOS code	066849E
Units to complete	12
Duration	1.5 years
Start date	February
Campus	Toowoomba, Springfield
Entry requirements	Minimum of IELTS 6.0 or equivalent (no component lower than 5.5) 3-year bachelor or 8-unit masters-level degree or equivalent in a non-accounting field ¹
Program articulation	From: Graduate Diploma or Business To: Master of Professional Accounting Extended



Master of Professional Accounting Extended (MPAE)

CRICOS code	065019G
Units to complete	16
Duration	2 years
Start date	February, July
Campus	Toowoomba, Springfield
Entry requirements	Minimum of IELTS 6.0 or equivalent (no component lower than 5.5) <i>plus</i> Completed an accredited post year 12 qualification equivalent to at least 2 years' full-time study ¹ <i>or</i> Completed a minimum of at least 5 years' relevant work experience ¹

Program focus

MASTER OF PROFESSIONAL ACCOUNTING

The Master of Professional Accounting is offered in order to cater for the strong demand of non-accounting degree holders to acquire professional accounting qualifications.

MASTER OF PROFESSIONAL ACCOUNTING EXTENDED

The Master of Professional Accounting Extended is offered in order to cater for the strong demand of non-degree (and non-accounting degree) holders to acquire professional accounting qualifications.

Professional accreditation

The program satisfies the initial educational entrance requirements of both CPA Australia and the Institute of Chartered Accountants in Australia (ICAA).

We recommend that graduates in accounting from an overseas university obtain a qualifications assessment from CPA Australia before applying for admission. In many cases, such graduates may be required to complete only three–four courses to achieve Associate membership. These can be studied through a Graduate Certificate in Business.

LOCAL RECOGNITION (FOR OVERSEAS STUDENTS)

Applicants with overseas academic qualifications in accounting should write to either of the following professional bodies for an assessment of their qualifications, prior to applying for enrolment in the program:

CPA Australia	<i>or</i>	The Institute of Chartered Accountants in Australia
The Education Assessment Officer	<i>or</i>	The National Qualifications Administrator
CPA Australia Level 28, 385 Bourke Street Melbourne VIC 3000		The Institute of Chartered Accountants in Australia Level 14, 37 York Street Sydney NSW 2000
Postal address: GPO Box 2820AA MELBOURNE VIC 3001		Postal address: GPO Box 3921 SYDNEY NSW 2001
www.cpaaustralia.com.au		www.icaa.org.au

For overseas candidates seeking membership of their home accounting bodies, full members of CPA Australia and/or ICAA are usually offered reciprocal membership. This is a fast-track to become a qualified accountant in one's home country.

Admission to the program will not be granted to persons who are members of, or eligible for, membership of CPA Australia or The Institute of Chartered Accountants in Australia.

Program structure

MASTER OF PROFESSIONAL ACCOUNTING

COURSES TO BE STUDIED	UNITS
Core courses	12
TOTAL	12

MASTER OF PROFESSIONAL ACCOUNTING EXTENDED

COURSES TO BE STUDIED	UNITS
Core courses	12
<i>plus</i> 4 x electives ²	4
TOTAL	16

CORE COURSES

ACC5202	Accounting
ACC5213	Cost and Management Accounting
ACC5215	Corporate Accounting
ACC5216	Accounting Theory
ACC5218	Auditing Practice
CIS8000	Global Information Systems Strategy
EC05000	Economics for Managers
FIN5000	Financial Management
FIN5003	Decision Support Tools
LAW5201	Commercial Law
LAW5206	Corporations Law
LAW5230	Taxation Law

- 1 Accepted by the Director of Coursework Studies and is in accordance with the appropriate professional body guidelines.
- 2 Selected from either the Master of Business or the Master of Business Administration, with the exception of ACC5502 Accounting and Financial Management.

Master of Project Management (MPRM)

CRICOS code 055824E

Units to complete 8

Duration 1 year

Start date February, July

Campus Springfield

Entry requirements Minimum of IELTS 6.5 or equivalent (no component lower than 6.0)
3-year bachelor degree or equivalent¹
Minimum of 2 years' full-time equivalent work experience¹

Alternate entry Postgraduate Certificate in Business

plus

A minimum of five years' full-time equivalent relevant work experience¹

Program focus

The Master of Project Management aims to produce graduates who have appropriate skills and knowledge to be capable of managing small, medium and large-sized projects as a senior team leader, a project manager or project director. You may also choose specialisations from other Faculty of Business and Law coursework masters programs, such as any of the specialisations from the Master of Business Administration.

Professional Accreditation

The Master of Project Management is accredited by the US-based Project Management Institute (PMI). USQ is endorsed as a National Provider of Project Management education by the Australian Institute of Project Management (AIPM).

Program structure

STRAND 1: PROJECT MANAGEMENT

COURSES TO BE STUDIED	UNITS
Core courses	4
<i>plus</i> 4 x electives ²	4
TOTAL	8

STRAND 2: COMPLEX PROJECT MANAGEMENT

COURSES TO BE STUDIED	UNITS
Core courses	4
<i>plus</i> 4 x compulsory courses	4
TOTAL	8

STRAND 1: PROJECT MANAGEMENT

Core Courses

Select **four** from the following:

MGT8021	Project Sustainability Management
MGT8022	Project-Based Management
MGT8024	Project Quality, Risk and Procurement Management
MGT8025	Project Scope, Time and Cost Management
MGT8027	Project Human Resources, Communications and Integration Management

STRAND 2: COMPLEX PROJECT MANAGEMENT

Core Courses

MGT8021	Project Sustainability Management
MGT8024	Project Quality, Risk and Procurement Management
MGT8025	Project Scope, Time and Cost Management
MGT8027	Project Human Resources, Communications and Integration Management

Compulsory Courses

ENG8111	Project Requirements Management
LAW8074	Project Legal Issues
MGT8028	Project Tendering and Contracting
MGT8033	Leading Organisational Change

- 1 As deemed sufficient and appropriate by the Director of Coursework Studies.
- 2 Any 5000 or 8000 level courses from the Faculty of Business and Law coursework master programs, subject to pre-requisite requirements. Alternatively 5000 or 8000 level coursework courses from any USQ masters program may be chosen with the approval of the Director of Coursework Studies.

Double Degrees

Master of Business Administration and Master of Professional Accounting (MBPA)

CRICOS code 067691C

Units to complete 16

Duration 2 years

Start date February, July

Campus Toowoomba, Springfield

Entry requirements Minimum of IELTS 6.5 or equivalent (no component lower than 6.0)
3-year bachelor degree or equivalent in any field other than accounting¹
Minimum 2 years' full-time equivalent work experience²

Program focus

The double degree in the Master of Business Administration and the Master of Professional Accounting allows the learning objectives of each program to be met. In addition, you will focus on professional accounting study within the broader management context of the Master of Business Administration, better preparing you for senior management roles within organisations and acquiring enhanced generic skills offered by that program. As a graduate of the double degree, you will receive a testamur for each degree.

Professional accreditation

Graduates of this program will meet the educational entrance requirements of CPA Australia and The Institute of Chartered Accountants in Australia (ICAA).

This provides Associate membership of CPA Australia, eligibility to study the CPA professional exams and eligibility to study the ICAA professional exams.

We recommend that graduates in accounting from an overseas university obtain a qualifications assessment from CPA Australia before applying for admission. In many cases, such graduates may be required to complete only three–four courses to achieve Associate membership. These can be studied through a Graduate Certificate in Business.

LOCAL RECOGNITION (FOR OVERSEAS STUDENTS):

For overseas candidates seeking membership of their home accounting bodies, full members of CPA Australia and/or ICAA are usually offered reciprocal membership. This is a fast-track to become a qualified accountant in one's home country.

Program structure

COURSES TO BE STUDIED	UNITS
Core courses	16
TOTAL	16

CORE COURSES

ACC5202	Accounting
ACC5213	Cost and Management Accounting
ACC5215	Corporate Accounting
ACC5216	Accounting Theory
ACC5218	Auditing Practice
CIS8000	Global Information Systems Strategy
ECO5000	Economics for Managers
FIN5000	Financial Management
FIN5003	Decision Support Tools
LAW5201	Commercial Law
LAW5206	Corporations Law
LAW5230	Taxation Law
MGT5000	Managing Organisational Behaviour
MGT8002	Strategic Management
MGT8033	Leading Organisational Change
MKT5000	Marketing Management

- As deemed sufficient and appropriate by the Director of Coursework Studies, and is in accordance with the appropriate professional body guidelines.
- As deemed sufficient and appropriate by the Director of Coursework Studies.

Master of Project Management and Master of Business Administration (MBAP)

CRICOS code	067690D
Units to complete	14
Duration	2 years
Start date	February, July
Campus	Springfield
Entry requirements	Minimum of IELTS 6.5 or equivalent (no component lower than 6.0) 3-year bachelor degree or equivalent ¹ Minimum 2 years' full-time equivalent work experience ¹

Program focus

The double degree in the Master of Business Administration and the Master of Project Management allows the learning objectives of each program to be met. In this program, you will focus on project management within the broader management context of the Master of Business Administration, better preparing you for senior management roles within organisations and acquiring enhanced generic skills offered by that program.

Program structure

COURSES TO BE STUDIED	UNITS
Core courses	12
<i>plus</i> 2 x electives	2
TOTAL	14

CORE COURSES

ACC5502	Accounting and Financial Management
CIS8000	Global Information Systems Strategy
ECO5000	Economics for Managers
FIN5003	Decision Support Tools
MGT5000	Managing Organisational Behaviour
MGT8002	Strategic Management
MGT8022	Project-Based Management
MGT8024	Project Quality, Risk and Procurement Management
MGT8025	Project Scope, Time and Cost Management
MGT8027	Project Human Resources, Communications and Integration Management
MKT5000	Marketing Management
<i>plus</i> select one from the following:	
LAW5504	Comparative Law and Business
LAW8074	Project Legal Issues

ELECTIVES

plus **two** 5000 or 8000 level courses chosen from any Faculty of Business and Law coursework masters program

¹ Candidates must meet this criterion to the satisfaction of the Director of Coursework Studies.

Other postgraduate Business and Law programs

For additional on-campus postgraduate Business or Law programs, please refer to the following:

- Graduate Diploma of Information Technology on page 125.
- Master of Information Systems on page 122.

RESEARCH

- Doctor of Philosophy on page 139.

Undergraduate Creative Arts

■ Bachelor of Applied Media (BAPM)

CRICOS code 059207J

Units to complete 24

Duration 3 years

Start date February, July

Campus Springfield

Entry requirements Minimum of IELTS 6.0 or equivalent (no component lower than 5.5)
Year 12 Senior Certificate or equivalent from a recognised institution

Program focus

The Bachelor of Applied Media provides you with specialist skills in digital television production, digital audio production and broadcast radio. Over the course of your studies, you will develop and produce significant levels of television and radio content for community broadcast, giving you practical, hands-on experience, and develop your skills in scriptwriting, broadcast production, research, interviewing, documentary production and production management.

EDUCATION

The Education major provides you with a broad range of educational skills that assist in the understanding of classroom processes and teaching at the primary and middle school level. In addition to understanding pedagogic concepts, the major will equip you with a broad range of methodological approaches for planning instructional and studio-based curricula.

JOURNALISM

The Journalism major prepares you for a career in journalism or a related field by reporting, writing, editing, designing and producing for the Web, television, radio, newspapers and magazines. With a focus on hands-on experience, you will develop a wide range of knowledge and skills across multiple media, ensuring you are ready to work in the 21st century's digital newsrooms. You also get the opportunity to link with industry by undertaking internships as journalists.

MARKETING

This major provides an understanding of marketing theories, principles and strategies. You will learn how to apply these to real-world situations through case studies and applied projects. You will take part in practical projects in which you develop and apply the many diverse skills required for modern marketing.

TOURISM MANAGEMENT

The Tourism Management major is designed to provide you with a relevant professional education if you are seeking a management career in a particularly diverse and dynamic tourism industry. This major is structured around a core of foundation business courses and includes a blend of theoretical and applied courses.

OTHER MAJORS

Other majors available via distance education include: Creative Media (including Multimedia), English Literature, Graphic Design, Theatre, and Visual Arts.

Program structure

COURSES TO BE STUDIED	UNITS
Core courses	16
<i>plus</i> 1 x 8-unit major	
<i>or</i> 2 x 4-unit minors	8
<i>or</i> 1 x 4-unit minor <i>plus</i> 4 x electives	
TOTAL	24

CORE COURSES

MEA2000	Scriptwriting
MMS1003	Fundamentals of Media
MMS1011	Location Production
MMS1012	Editing
MMS1013	Production Management
MMS2011	Television Studio Production
MMS2021	Broadcast Radio and Audio Production 1
MMS2022	Broadcast Radio and Audio Production 2
MMS2023	Documentary and Factual Entertainment
MMS2031	Short Narrative Production
MMS3010	Independent Project
MMS3012	Advanced Broadcast Television
MMS3021	Major Film Production
MMS3024	Television Drama
MMS3026	Advanced Radio and Audio Production
CMS1009	Communication in Academic and Professional Contexts
<i>or</i> CMS1000	Communication and Scholarship

ARTS MAJORS

Journalism

JRN1000	Journalism Practice
JRN2000	News Reporting
JRN2001	Publication Layout and Design
JRN2002	Radio Journalism
JRN2003	Feature Writing
JRN2005	Broadcast Reporting
JRN2006	Media Law and Ethics
JRN3001	Online Journalism

OTHER MAJORS

Education

EDC1100	Lifespan Development and Learning
EDC1200	Self, Education and Society
EDC1300	Perspectives in Education
EDC2200	Indigenous Perspectives
EDC2300	Assessment and Reporting
EDC2400	Diversity and Pedagogy
EDX1250	The Arts Curriculum and Pedagogy
EDX1450	Health and Physical Education Curriculum & Pedagogy

Marketing

MKT1001	Introduction to Marketing
MKT1002	Consumer Behaviour
MKT2001	Promotion Marketing
MKT2002	Global Marketing
MKT2004	Marketing Channels
MKT2020	Sports Marketing
MKT3001	Applied Business Research
TOU3010	Event Management

Tourism Management

ACC1101	Accounting for Decision-Making
LAW1101	Introduction to Law
MKT1001	Introduction to Marketing
MKT1002	Consumer Behaviour
MKT2001	Promotion Management
TOU1003	Tourism Management
TOU2008	Ecotourism
TOU2009	Cultural Tourism

Bachelor of Creative Arts (BCRA)

CRICOS code 065047C

Units to complete 24

Duration 3 years

Start date February

Campus Toowoomba

Entry requirements Minimum of IELTS 6.0 or equivalent (no component lower than 5.5)
Year 12 Senior Certificate or equivalent from a recognised institution

NOTE

Students seeking to enrol in Creative Arts, Music, Theatre or Visual Arts courses must pass the relevant audition/portfolio/interview requirements.

Program focus

The Bachelor of Creative Arts will provide a unique interdisciplinary environment allowing students to have a fusion of artistic experience and academic study. Music, Creative Media (incorporating Multimedia), Theatre and Visual Arts disciplines are linked into one degree program. Students are able to create a flexible palette of choices where they can determine, through consultation with program staff, a combination of specific discipline suites of theory and practice, as well as adding another major from Creative Arts, Humanities or another USQ faculty to complement their career pathway. For those seeking careers in education, there is also the option to choose a second teaching area.

Program structure

COURSES TO BE STUDIED	UNITS
Core course	1
<i>plus</i> 1 x 16-unit major	
<i>plus</i> 1 x 7-unit major ¹	
<i>or</i> 1 x 4-unit minor <i>plus</i> 3 x electives	
<i>or</i> 1 x 8-unit major (theory)	23
<i>plus</i> 1 x 8-unit major (practice)	
<i>plus</i> 1 x 7-unit major ¹	
<i>or</i> 1 x 4-unit minor <i>plus</i> 3 x electives	
TOTAL	24

CORE COURSE

CMS1000 Communication and Scholarship

16-UNIT MAJORS

Creative Media

BCA3000	BCA Project A
BCA3001	BCA Project B
BCA3002	Arts Business Practice
MEA1000	Elements of Multimedia
MEA1001	Single Camera Production
MEA1002	Creative Editing
MEA1004	Cinematic Language
MEA2000	Scriptwriting
MEA2001	Location Sound and Image
MEA2002	Screen Aesthetics
MEA2003	Through the Lens
MEA2004	Animation
MEA2005	2D and 3D Modelling
MEA2006	Sound and Mix
MEA3000	Advanced Screen Media
MEA3001	Digital Art Studio

Creative Media (Multimedia)

BCA3000	BCA Project A
BCA3001	BCA Project B
CIS3001	Object-Oriented Programming with Java
CSC1401	Foundation Programming
CSC2408	Software Development Tools
CSC3412	System and Security Administration
MEA1000	Elements of Multimedia
MEA1002	Creative Editing
MEA2000	Scriptwriting
MEA2003	Through the Lens
MEA2004	Animation
MEA2005	2D and 3D Modelling
MEA2006	Sound and Mix
MEA3001	Digital Art Studio
VSA1021	Art and Design
CSC2406	Web Technology
	or CSC3419 XML and the Web

Music

BCA3000	BCA Project A
BCA3001	BCA Project B
BCA3002	Arts Business Practice
MUI1000	Aural Skills and Tonal Harmony
MUI1001	Music Practice 1 ²
MUI1002	Music Practice 2 ²
MUI1003	Turning Points in Western Music
MUI1004	Aural Skills and Advanced Tonal Harmony
MUI2000	Musical Contexts from 1900 to the present: Concert music, Jazz and Music Theatre
MUI2002	Song-writing and Musicianship
MUI2003	Music Practice 3 ²
MUI2004	Music Practice 4 ^{2,3}
MUI2005	Introduction to Music Technology
MUI2006	Introduction to Popular Music
MUI3005	Music Practice 5 ²
MUI3006	Music Practice 6 ²

Theatre

BCA3000	BCA Project A
BCA3001	BCA Project B
BCA3002	Arts Business Practice
THE1000	Introduction to Creative Practice
THE1001	Introduction to History and Theory of Drama 1
THE1002	Introduction to History and Theory of Drama 2
THE1021	Interpretive Acting
THE1022	Essential Stage Management
THE2002	Community and Political Theatre
THE2003	Children's and Young People's Theatre
THE2005	Australian Drama ⁴
THE2006	Theatre Manifesto ⁴
THE2007	Renaissance Drama ⁴
THE2008	Modern Drama ⁴
THE2021	Introduction to Music Theatre Production
THE2022	Creative Development

Visual Arts

BCA3000	BCA Project A
BCA3001	BCA Project B
BCA3002	Arts Business Practice
VSA1000	Introduction to Art Theory
VSA1001	Contemporary Art Practice 1 ⁶
VSA1002	Introduction to Contemporary Art Practice ⁵
VSA1003	Soft Architecture
VSA1021	Art and Design
VSA2000	Perspectives in Contemporary Art
VSA2001	Artists, Works and Processes
VSA2002	Contemporary Art Practice 2 ⁵
VSA2003	Contemporary Art Practice 3 ⁵
VSA3004	Contemporary Art Practice 4 ⁵
VSA3005	Contemporary Art Practice 5 ⁵
VSA3021	Contemporary Art Theory 1
VSA3022	Contemporary Art Theory 2

8-UNIT MAJORS**Creative Media**

Students will need to consult the Discipline Coordinator regarding their enrolment in an eight-unit Creative Media major to determine an appropriate suite of courses.

Music Practice

BCA3000	BCA Project A
BCA3001	BCA Project B
MUI1001	Music Practice 1 ²
MUI1002	Music Practice 2 ²
MUI2003	Music Practice 3 ²
MUI2004	Music Practice 4 ²
MUI3005	Music Practice 5 ²
MUI3006	Music Practice 6 ²

Music Theory

BCA3002	Arts Business Practice
MUI1000	Aural Skills and Tonal Harmony
MUI1003	Turning Points in Western Music
MUI1004	Aural Skills and Advanced Tonal Harmony
MUI2000	Musical Contexts from 1900 to the present: Concert music, Jazz and Music Theatre
MUI2002	Song-writing and Musicianship
MUI2005	Introduction to Music Technology
MUI2006	Introduction to Popular Music

Theatre (Practice)

BCA3000	BCA Project A
BCA3001	BCA Project B
THE1000	Introduction to Creative Practice
THE1021	Interpretive Acting
THE1022	Essential Stage Management
THE2003	Children's and Young People's Theatre
THE2021	Introduction to Music Theatre Production
THE2022	Creative Development

Theatre (Theory)

BCA3002	Arts Business Practice
THE1001	Introduction to History and Theory of Drama 1
THE1002	Introduction to History and Theory of Drama 2
THE2002	Community and Political Theatre
THE2005	Australian Drama
THE2006	Theatre Manifesto ⁴
THE2007	Renaissance Drama ⁴
THE2008	Modern Drama

Visual Arts (Practice)

BCA3000	BCA Project A
BCA3001	BCA Project B
VSA1001	Contemporary Art Practice 1 ⁵
VSA1002	Introduction to Contemporary Art Practice ⁵
VSA2002	Contemporary Art Practice 2 ⁵
VSA2003	Contemporary Art Practice 3 ⁵
VSA3004	Contemporary Art Practice 4 ⁵
VSA3005	Contemporary Art Practice 5 ⁵

Visual Arts (Theory)

BCA3002	Arts Business Practice
VSA1000	Introduction to Art Theory
VSA1003	Soft Architecture
VSA1021	Art and Design
VSA2000	Perspectives in Contemporary Art
VSA2001	Artists, Works and Processes
VSA3021	Contemporary Art Theory 1
VSA3022	Contemporary Art Theory 2

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- 1 This major must consist of seven units from another discipline in the Faculty of Arts.
 - 2 Not all modules are available in external mode (online/distance education).
 - 3 THE2021 is available to Music students either in place of MUI2004 or as an elective.
 - 4 Course offering alternates annually.
 - 5 Arts Management strand is only available in external mode (online/distance education).
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Other undergraduate Creative Arts programs

For additional Creative Arts programs please refer to the following:

- Diploma of Arts on page 102.
- Bachelor of Arts (Creative Media, Music, Theatre Theory, Visual Arts Theory) on page 102.

Combined/double degrees

- Bachelor of Arts and Bachelor of Business on page 32.
- Bachelor of Arts and Bachelor of Laws on page 32.
- Bachelor of Arts and Bachelor of Science on page 117.



Postgraduate Creative Arts

Master of Arts (MSTA)

CRICOS code 072983D

Units to complete 8

Campus Toowoomba

Duration 1 year

Start date February, July

Entry requirements Minimum of IELTS 6.5 or equivalent (no component lower than 6.0)

Bachelor of Arts or Bachelor of Creative Arts, or other approved award at USQ or another accredited tertiary institution

NOTE

Non-USQ applicants may occasionally also be required to submit portfolios, samples of work, or attend an interview or audition as appropriate.

Program articulation From: Bachelor of Arts; Bachelor of Creative Arts;
To: Doctor of Philosophy

Program focus

The Master of Arts provides you with an advanced-level program of study if you would like to specialise in the areas of anthropology, applied media, communication and media studies, corporate communication, creative media, editing and publishing, English literature, history, international relations, journalism, music, social sciences, theatre or visual arts. You also have the option to undertake an interdisciplinary major and research project or project in consultation with the Master of Arts Program Coordinator. This program involves an intellectual engagement with appropriately theoretical and/or practical aspects of your chosen disciplines, and a range of research, coursework and project-based pathways are available.

CREATIVE MEDIA

Creative Media offers an advanced understanding of creative media theory and practice. It also provides a sophisticated analysis in relation to a range of issues involving the interaction of the arts and society, both historically and in contemporary times.

MUSIC

Music offers specialised and advanced training in the areas of music theory and performance. It also provides the intellectual and practical skills necessary to apply knowledge in further study, research, employment, and community service.

THEATRE

Theatre offers an advanced understanding of the nature and impact of drama and theatre in human society. It also offers a proficiency in critical analysis and problem-solving relating to the intersection between theory and practice in theatrical contexts.

VISUAL ARTS

Visual Arts offers an advanced understanding of visual arts theory and practice. It also provides a sophisticated analysis in relation to a range of issues involving the interaction of the arts and society, both historically and in contemporary times.

OTHER MAJORS

The Applied Media major is available via distance education only. For details about on-campus majors not included in the area of Creative Arts, please see the listings for this program under Humanities and Communication on page 118.

Program structure

COURSES TO BE STUDIED	UNITS
6-8 core courses	8
TOTAL	8

CREATIVE MEDIA

BCA8000	Aesthetic Dimensions
BCA8001	Critical and Creative Thinking
CMS4006	OzFilm: Image and Industry
VIS4000	Studio Practice and Project Development ³
MAR8001	Masters Dissertation A ^{1,4} or MAR8003 Masters Project A ^{1,4}
MAR8002	Masters Dissertation B ¹ or MAR8004 Masters Project B ¹

MUSIC (COURSEWORK AND RESEARCH OR PERFORMANCE PROJECT)

BCA8000	Aesthetic Dimensions
BCA8001	Critical and Creative Thinking
MUI4000	Structural Analysis in Music
MUI4001	Advanced Musicianship
MAR8001	Masters Dissertation A ¹ or MAR8003 Masters Project A ^{1,2}
MAR8002	Masters Dissertation B ¹ or MAR8004 Masters Project B ¹

THEATRE

BCA8000	Aesthetic Dimensions
BCA8001	Critical and Creative Thinking
THE4001	Shakespearean Negotiations
THE4002	The Body: Representation and Imposition
MAR8001	Masters Dissertation A ¹ or MAR8003 Masters Project A ^{1,2}
MAR8002	Masters Dissertation B ¹ or MAR 8004 Masters Project B ¹

VISUAL ARTS

BCA8000	Aesthetic Dimensions
BCA8001	Critical and Creative Thinking
VIS4000	Studio Practice and Project Development
VIS4002	Visual Aesthetics
MAR8001	Masters Dissertation A ^{1,2} or MAR8003 Masters Project A ^{1,2}
MAR8002	Masters Dissertation B ¹ or MAR8004 Masters Project B ¹

-
- 1 This course is equivalent to two units.
 - 2 Students will audit HMT4005 Research Design.
 - 3 Must have Creative Media relevance.
 - 4 Students will audit HMT4005 Research Design which is equivalent to two units.
-

Other postgraduate Arts programs

For additional postgraduate Arts programs, please refer to the following:

- Master of Arts (Anthropology, Communication and Media Studies, English Literature, History, Interdisciplinary, International Relations, Social Sciences) on page 118.

RESEARCH

- Doctor of Philosophy on page 139.



Undergraduate Education

■ Bachelor of Early Childhood (BECH)

CRICOS code	056707B
Units to complete	24
Professional experience	55 days
Duration	3 years
Start date	February, July
Campus	Toowoomba, Springfield, Fraser Coast
Entry requirements	Minimum of IELTS 6.0 or equivalent (no component lower than 5.5) Year 12 Senior Certificate or equivalent from a recognised institution
Special entry	Minimum of IELTS 6.0 (or better) (no component lower than 5.5) Year 10 Certificate or equivalent plus minimum 3 years' full-time equivalent work experience in the early childhood sector

Program focus

The Bachelor of Early Childhood (BECH) at USQ allows you to be an educator able to give children the best possible start in life. This program emphasises child-centred learning, and encourages you to develop the skills to create effective teaching programs and learning environments that focus on the developing child. Graduates have the skills to administer a child care centre, plan and work within a budget and effectively manage staff. You will also need to complete the professional experience component within the program, which will give you a good understanding of how you can apply the theory you have learnt in a practical way.

Professional accreditation

The program is accredited with the Queensland Office for Early Childhood Education and Care (formerly the Department of Communities) and equivalent government authorities in other Australian jurisdictions. The Bachelor of Early Childhood is not accredited with the Queensland College of Teachers: students wishing to become eligible for teacher registration can transfer into, and complete the Bachelor of Education (Early Childhood) program – see page 53 for details.

Program structure

COURSES TO BE STUDIED	UNITS
Required courses	24
<i>plus</i> 55 days of professional experience	
TOTAL	24

REQUIRED COURSES T S FC

EDC1100	Lifespan Development and Learning
EDC1200	Self, Education and Society
EDC1300	Perspectives in Education
EDC1400	Foundations of Curriculum and Pedagogy
EDC2100	Managing Supportive Learning Environments
EDC2200	Indigenous Perspectives
EDC2300	Assessment and Reporting
EDC2400	Diversity and Pedagogy
EDC3100	ICT and Pedagogy
EDE2010	Play and Pedagogy I
EDE2101	Early Childhood Education Contexts
EDE2201	Development and Learning: Birth–8
EDE3009	Professional Practices in Early Childhood
EDE3103	Play and Pedagogy II
EDE4010	Leadership and Management in Early Childhood
EDE4012	Cross-cultural Communication in Early Childhood
EDX1170	Foundations of Language and Literacies
EDX1250	The Arts Curriculum and Pedagogy
EDX1280	Foundations of Numeracy
EDX1450	HPE Curriculum and Pedagogy
EDX2170	English Curriculum and Pedagogy
EDX2190	Australian History and Society: Curriculum and Pedagogy
EDX2260	Teaching Science for Understanding
EDX3160	Science Curriculum and Pedagogy

Bachelor of Education (BEDU)

CRICOS code	065047B
Units to complete	32
Professional experience	100 days, with a minimum of 45 days of supervised professional experience in Australian schools
Duration	4 years
Start date	February, July
Campus	Fraser Coast, Toowoomba, Springfield ^{1, 2}
Entry requirements	Minimum of IELTS 6.5 or equivalent (no component lower than 6.0) Year 12 Senior Certificate or equivalent from a recognised institution
Special entry	Those who do not hold formal, recognised qualifications, but have extensive relevant training and work experience, may be considered for special entry

Professional experience

Professional experiences provide students with a practical opportunity to put theory into practice. There are 100 days of professional experience throughout this program. A Working with Children Suitability Check (Blue Card) is required before professional experience placements can commence if working with children under the age of 18 years of age in Queensland. If you are completing professional experience outside of Queensland, it is your responsibility to meet the requirements of the relevant state or territory. For more information, visit: www.usq.edu.au/education/profexp

Program focus

Would you like to complete your teaching degree with the flexibility of your choosing? Have people told you that you would make a great educator? Do you like to work with young people and help them learn about their world? In that case, the Bachelor of Education (BEDU) might be just what you are looking for. This program enables you to become a teacher in four years full-time and with the flexible study options of online, on-campus or a combination of both. We would like to welcome you to begin on-campus or online studies in Semester 1 and Semester 2 and online studies in Semester 3.

An important feature specific to the Bachelor of Education at USQ is the core first-year courses which give you a taste of a range of different learning environments before you choose your specialisation. You can then choose to focus on Early Childhood, Primary, Secondary, Special Education, Sport, Health and Physical Education or Technical and Vocational Education. A pathway specifically geared for those wishing to teach in the Middle Years also exists. The BEDU will give you the skills and expertise you need to be a successful contemporary educator in these particular sectors and the qualifications to work in government, Catholic or private schools in Australia and worldwide. A teaching degree also gives you a range of other exciting career options in the fields of communication, educational management, personal training, and leadership.

Professional accreditation

Graduates of the BEDU are eligible to apply to the Queensland College of Teachers for teacher registration. You will also apply for your Blue Card at the beginning of the degree to enable you to work with children during your professional experience placements at a range of different schools. We particularly seek to support Indigenous students and non-traditional learners at our three campuses. You will enjoy learning with people from different backgrounds and cultures. Your personal Student Relationship Officer (SRO), along with the staff in the Faculty, will take good care of you on your USQ journey.

Program structure

COURSES TO BE STUDIED	UNITS
Required courses	10
<i>plus</i> 5–10 x specialisation courses	5–10
<i>plus</i> 2–13 x shared courses ³	2–13
<i>plus</i> 0–7 x electives	0–7
<i>plus</i> 0–14 x discipline studies/teaching areas	0–13
<i>plus</i> 100 days of professional experience	
TOTAL	32

REQUIRED COURSES

EDC1100	Lifespan Development and Learning
EDC1200	Self, Education and Society
EDC1300	Perspectives in Education
EDC1400	Foundations of Curriculum and Pedagogy
EDC2100	Managing Supportive Learning Environments
EDC2200	Indigenous Perspectives
EDC2300	Assessment and Reporting
EDC2400	Diversity and Pedagogy
EDC3100	ICT and Pedagogy
EDC4000	Professional Placement and Portfolio

SPECIALISATION COURSES

Early Childhood Education⁴

EDE2010	Play and Pedagogy I
EDE2101	Early Childhood Education Contexts
EDE2201	Development and Learning: Birth–8
EDE3009	Professional Practices in Early Childhood
EDE3103	Play and Pedagogy II
EDE4010	Leadership and Management in Early Childhood
EDE4012	Cross-cultural Communication in Early Childhood
EDE4103	Multilevel Early Childhood Pedagogy and Curriculum
<i>plus</i> 10 shared courses	– see table on page 55
<i>plus</i> four electives	

Primary Education⁵

EDP2111	The Middle Years
EDP2222	Pedagogy and Curriculum 2
EDP3333	Pedagogy and Curriculum 3
EDP4130	Technology Curriculum and Pedagogy
EDP4140	Second Language Learning and Pedagogy
<i>plus</i> 10 shared courses	– see table on page 55
<i>plus</i> seven electives	

Secondary Education

- EDS2401 Middle Phase Curriculum and Pedagogy
- EDS2402 Planning for Learning and Teaching
- EDS3450 Senior Phase Curriculum and Pedagogy
- EDS4250 Literacies Across the Curriculum
- EDS4401 Beginning Professional Practice

plus **two** shared courses – see table on page 55

plus **one** elective

plus **14** units from discipline studies

Special Education

- SPE3001 Establishing Inclusive Learning Environments
- SPE3002 Autism Spectrum Disorder
- SPE3003 Teaching Students with High Support Needs
- SPE3004 Social and Emotional Wellbeing and Learning
- SPE3005 Managing Challenging Behaviours
- SPE3006 Language and Communication Disorders
- SPE3007 Differentiated Curriculum
- SPE3008 Communication and Collaboration
- SPE3009 Learning Disabilities, Literacies and Numeracies

plus **12** shared courses – see table on page 55

plus **one** elective

Sport, Health and Physical Education – Primary

- EDH1150 Sociocultural Foundations of Sport and Physical Activity
- EDH2151 Practical Studies in Sport and Physical Activity
- EDH2152 Health and Wellbeing
- EDH2253 Biophysical Foundations of Sport and Physical Activity
- EDH2254 Pedagogy in Sport, Health and Physical Education
- EDH3256 Sports Organisation, Management and Coaching
- EDH3257 Advanced Curriculum Studies in Health and Physical Education

EDH3258 Humans in Movement

EDH4259 Sociology of Sport

plus **13** of the shared courses – see table on page 55

Sport, Health and Physical Education – Secondary

- EDH1150 Sociocultural Foundations of Sport and Physical Activity
- EDH2151 Practical Studies in Sport and Physical Activity
- EDH2152 Health and Wellbeing
- EDH2253 Biophysical Foundations of Sport and Physical Activity
- EDH2254 Pedagogy in Sport, Health and Physical Education
- EDH3155 Advanced Biophysical Studies in Sport and Physical Activity

EDH3256 Sports Organisation, Management and Coaching

EDH3257 Advanced Curriculum Studies in Health and Physical Education

EDH3258 Humans in Movement

EDH4259 Sociology of Sport

plus **seven** of the shared courses – see table on page 55

plus **five** units from a second teaching area

Technical and Vocational Education⁶

- EDV3401 Program Design and Evaluation
- EDV3500 Competency Based Training and Assessment
- EDV3551 Vocational and Workplace Literacies
- EDV4440 Advanced Professional Experience
- EDV4500 Professional Studies Project

plus **two** shared courses – see table on page 55

plus **two** electives

plus **13** units from discipline studies



SHARED COURSES⁴

COURSES	SPECIALISATIONS						
	Early Childhood	Primary	Secondary	Sport, HPE - Primary	Sport, HPE - Secondary	Special Education	Technical & Vocational
EDX1170 Foundations of Language and Literacies	✓	✓		✓		✓	
EDX1250 The Arts Curriculum and Pedagogy	✓	✓		✓		✓	
EDX1280 Foundations of Numeracy	✓	✓		✓		✓	
EDX1450 HPE Curriculum and Pedagogy	✓	✓		✓	✓	✓	
EDX2170 English Curriculum and Pedagogy	✓	✓		✓		✓	
EDX2190 Australian History and Society: Curriculum and Pedagogy	✓	✓		✓		✓	
EDX2260 Teaching Science for Understanding	✓	✓		✓		✓	
EDX3160 Science Curriculum and Pedagogy	✓	✓		✓		✓	
EDX3250 Adolescence: Issues and Challenges			✓		✓		✓
EDX3270 Literacies Education	✓	✓		✓			
EDX3280 Mathematics Curriculum and Pedagogy	✓	✓		✓		✓	
EDX4150 Transitions in Secondary Education	✓	✓	✓		✓		✓
EDP2111 The Middle Years				✓		✓	
EDP3333 Pedagogy and Curriculum 3				✓		✓	
EDP4130 Technology Curriculum and Pedagogy				✓		✓	
EDH1150 Sociocultural Foundations of Sport and Physical Activity				✓	✓		
EDH2151 Practical Studies in Sport and Physical Activity				✓	✓		
EDH2152 Health and Wellbeing				✓	✓		
EDH2253 Biophysical Foundations of Sport and Physical Activity				✓	✓		
EDH2254 Pedagogy in Sport, Health and Physical Education				✓	✓		
EDH3256				✓	✓		
EDH3258				✓	✓		
EDH4259				✓	✓		
EDS2401 Middle Phase Curriculum and Pedagogy					✓		
EDS4250 Literacies Across the Curriculum					✓		
EDS4401 Beginning Professional Practice					✓		

DISCIPLINE STUDIES/TEACHING AREAS⁷**Secondary Education; Sport, Health and Physical Education (Secondary); and Technical and Vocational Education**

Select from the following teaching areas:

- Accounting
- Agricultural Science
- Australian Indigenous Studies
- Biology
- Business Education
- Chemistry
- Computing/IPT
- Drama and Theatre Studies
- Economics
- English and Communications
- French Language
- Geography
- German Language
- History
- Indonesian Language
- Industrial Technology and Design
- Japanese Language
- Junior Science
- Legal Studies
- Mandarin Chinese
- Mathematics
- Music Craft and Music History
- Physical Education
- Physics
- Science
- Special Education
- Studies of Society and Environment
- Visual Arts
- Vocational Education

ELECTIVES

Choose from a wide range of electives, including clusters of courses in focus areas, such as health and physical education, literacies, mathematics, music, research, science and more. For further information please visit: www.usq.edu.au/handbook

Those students focusing on the middle years of schooling within the Primary specialisation must complete a total of six courses across two 'teaching areas', three in the first area and three in the second. These courses, plus EDO3112 Middle Years 2, are taken in the place of seven electives in the Primary specialisation.

- 1 Not all specialisations within the Bachelor of Education are made available every year in on-campus mode at all three campuses.
- 2 Not all specialisations or courses within the Bachelor of Education are made available every year in online mode.
- 3 Shared courses refer to courses which are also undertaken in other specialisations, such as Primary, Special Education etc.
- 4 Students who already have a recent Diploma or Advanced Diploma of Community (Children's) Services may be eligible for up to eight and 12 courses respectively.
- 5 A Middle Years of Schooling pathway is available.
- 6 Students will be required to study some specialisation courses online.
- 7 Some teaching areas are only available via cross-institutional study. For more information visit the handbook at: www.usq.edu.au/handbook



Postgraduate Education

Graduate Diploma of Learning and Teaching (GDTL)

CRICOS code	055149B
Units to complete	8
Professional experience	75 days
Duration	1 year ¹
Start date	February, July ¹
Campus	Toowoomba
Entry requirements	<p>Minimum of IELTS 7.0 or equivalent (no component lower than 7.0)</p> <p>3-year bachelor degree or equivalent in a discipline other than education</p> <p>Applicants for the Primary pathways must demonstrate adequate coverage across the P-7 Key Learning Areas in their first degree or other studies, applicants for Middle Years and Secondary pathways must demonstrate discipline knowledge in two defined teaching areas in their first degree or other studies</p> <p>All applicants must show how their prior studies meet these requirements by submitting a completed Teaching Areas form with their application.</p>

NOTE

A compulsory induction must be undertaken prior to your first semester of study. This will be in February for Semester 1 commencement or June for those commencing in Semester 2

Program focus

This program is designed to enable you as a degree-level graduate to acquire a recognised teacher education qualification. This innovative and flexible program develops knowledge, skills and attitudes necessary for success in the work of contemporary educators.

The flexibility of the Graduate Diploma of Learning and Teaching program allows you to balance the competing demands of work, family and study.

There is a professional experience component within this program. You are able to choose from the following specialisations:

- Primary (Years Prep-7)
- Middle Years of Schooling (Years 5-9)
- Secondary (Years 8-12)

Program structure

COURSES TO BE STUDIED	UNITS
Core courses	4
<i>plus</i> sector specialisation courses	4
<i>plus</i> 75 days of professional experience	
TOTAL	8

CORE COURSES

EDG2000	Designing for Learning
EDC2100	Managing Supportive Learning Environments
EDG3000	Designing for Diversity
EDC4000	Professional Placement and Portfolio

PRIMARY SPECIALISATION

EDG2001	Inquiry Through The Curriculum 1
EDG3001	Inquiry Through The Curriculum 2
EDX1280	Foundations of Numeracy
EDX2170	English Curriculum and Pedagogy

MIDDLE SPECIALISATION

EDG2001	Inquiry Through The Curriculum 1
EDG3001	Inquiry Through The Curriculum 2
EDO3112	Middle Years 2
EDX3270	Literacies Education

SECONDARY SPECIALISATION

EDS4250	Literacies Across the Curriculum
EDS2401	Middle Phase Curriculum and Pedagogy
EDS3450	Senior Phase Curriculum and Pedagogy
EDV3500	Competency Based Training and Assessment
<i>or</i> EDX3250	Adolescence: Issues and Challenges

¹ In support of transition to a national system of accreditation for all pre-service teachers, no Semester 2 intake will be possible in 2013 for Primary and Middle specialisations. Semester 2 intake will be possible for the Secondary specialisation at the Toowoomba campus and online.

POSTGRADUATE CERTIFICATE IN APPLIED LINGUISTICS (PGAL)

MASTER OF APPLIED LINGUISTICS (MAPL)

Postgraduate Certificate in Applied Linguistics (PGAL)

CRICOS code 067686M

Units to complete 4

Duration 0.5 year

Start date February

Campus Toowoomba¹

Entry requirements Minimum of IELTS 6.5 or equivalent (no component lower than 6.0)

3-year bachelor degree or equivalent

Program articulation To: Master of Applied Linguistics; Master of Education (TESOL)

NOTE

On-campus offers depend on enrolment numbers. Depending on visa requirements, alternative modes of study may be substituted for the elective course.

Program focus

The Postgraduate Certificate in Applied Linguistics (PGAL) is designed to introduce you to the area of applied linguistics, as you engage with second language speakers and their communities. You will develop an understanding of language use and second-language learners in diverse and international contexts. You will gain an enhanced understanding of how language is used in communities, and the significance of identity through social and linguistic skills and behaviour. As a graduate, you will have gained specialised knowledge, expertise and leadership in the area of applied linguistics across global cultures and communities.

NOTE

This program does not in itself qualify graduates for teacher registration.

Master of Applied Linguistics (MAPL)

CRICOS code 021018E

Units to complete 8

Duration 1 year

Start date February, July

Campus Toowoomba¹

Entry requirements Minimum of IELTS 6.5 or equivalent (no component lower than 6.0)

3-year bachelor degree or equivalent

Program articulation From: Postgraduate Certificate in Applied Linguistics;
To: Doctor of Education

Program focus

This program is designed to introduce students from a range of backgrounds to disciplines within applied linguistics, as they engage with second-language speakers and their communities. It will allow you to experience issues associated with understanding language use and second-language learners in diverse and international contexts. As a graduate of this program you will have an advanced inter-cultural competence, understanding the background to contemporary issues associated with communities of diverse language identities, and the ability to relate professionally and appropriately within and on behalf of those communities.

NOTE

This program does not qualify students for teacher registration with relevant teaching authorities. To qualify for teacher registration in Queensland, please refer to the Graduate Diploma of Learning and Teaching program.

Program structure

POSTGRADUATE CERTIFICATE IN APPLIED LINGUISTICS (PGAL)

COURSES TO BE STUDIED	UNITS
Core courses	3
<i>plus</i> 1 x elective	1
TOTAL	4

CORE COURSES

EDR8005	Discourse Analysis
LIN5000	The Nature of Language
LIN8015	Introduction to Sociolinguistics

ELECTIVE COURSES

Select **one** from the following:

LIN5003	Syllabus Design and Materials Writing
LIN8001	Principles of Second Language Learning
LIN8002	Methodology in Teaching a Second Language
LIN8006	Computer-Assisted Language Learning
LIN8007	Language Testing

MASTER OF APPLIED LINGUISTICS (MAPL)

The program is offered in two strands: Community and Teaching. The Community strand includes a research and coursework pathway, while the Teaching strand allows students to choose a research or coursework pathway.

NOTE

Completion of a research stream is a requirement for recognition of the masters qualification in some countries. Students should check registration requirements before choosing between coursework and research strands in this program.

COMMUNITY STRAND

COURSES TO BE STUDIED	UNITS
Applied Linguistics courses	3
<i>plus</i> research courses	3
<i>plus</i> 2 x research course or project courses <i>or</i> 1 x research course or project course <i>plus</i> 1 x elective	2
TOTAL	8²

TEACHING STRAND

Coursework Pathway

COURSES TO BE STUDIED	UNITS
Applied Linguistics courses	3
<i>plus</i> 4 x elective Applied Linguistics courses <i>plus</i> 1 x elective	5
<i>or</i> 5 x elective Applied Linguistics courses	
TOTAL	8²

Research Pathway³

COURSES TO BE STUDIED	UNITS
Applied Linguistics courses	3
<i>plus</i> research courses	3
<i>plus</i> 2 x elective Applied Linguistics courses	2
TOTAL	8²

COMMUNITY STRAND

Applied Linguistics Courses

EDR8000 Foundations of Contemporary Educational Research Methods

EDR8005 Discourse Analysis

EDR8061 Masters Project II⁴

LIN5000 The Nature of Language

LIN8015 Introduction to Sociolinguistics

plus one–two from the following:

EDR8001 Effective and Ethical Educational Research

EDR8060 Masters Project 1

plus zero–one elective from the Masters of Education program or other postgraduate program across USQ³

TEACHING STRAND

Coursework Pathway

LIN5000 The Nature of Language

LIN8001 Principles of Second Language Learning

LIN8002 Methodology in Teaching a Second Language

plus four–five from the following:

EDR8005 Discourse Analysis

LIN5003 Syllabus Design and Materials Writing

LIN8006 Computer-Assisted Language Learning

LIN8007 Language Testing

LIN8015 Introduction to Sociolinguistics

LIN8017 Bilingualism and Bilingual Education

plus zero–one elective from the Masters of Education program or other postgraduate program across USQ³

Research Pathway⁵

LIN5000 The Nature of Language

LIN8001 Principles of Second Language Learning

LIN8002 Methodology in Teaching a Second Language

EDR8000 Foundations of Contemporary Educational Research Methods

EDR8061 Masters Project II⁴

plus two from the following:

LIN5003 Syllabus Design and Materials Writing

EDR8005 Discourse Analysis

LIN8006 Computer-Assisted Language Learning

LIN8007 Language Testing

LIN8015 Introduction to Sociolinguistics

LIN8017 Bilingualism and Bilingual Education

- 1 Should enrolments not reach the minimum number required for on-campus study, students may be transferred to the distance or online offering and advised of this change.
- 2 A minimum of four units must comprise courses at Level 8.
- 3 In consultation with the Program Coordinator.
- 4 Two units.
- 5 The Research pathway is recommended for students looking to pursue PhD studies.

Master of Education (MED1)

CRICOS code 042226A

Units to complete 8

Duration 1 year

Start date February, July

Campus Toowoomba¹

Entry requirements **Normal Entry**

Minimum of IELTS 6.5 or equivalent (no component lower than 6.0)

4-year bachelor degree in education

or

a 3-year bachelor degree *plus* 1 year of graduate study in education.

NOTE

A four-year bachelor degree is an entry requirement for students wishing to specialise in the guidance and counselling area.

Alternative Entry

Minimum of IELTS 6.5 or equivalent (no component lower than 6.0)

Demonstrated qualifications and/or experience that might be considered equivalent to those required for normal entry

or

3-year bachelor degree or equivalent *plus* a minimum of 1 year relevant experience.

Program articulation From: Postgraduate Certificate in Education; Postgraduate Certificate in Applied Linguistics; Postgraduate Certificate in Learning & Development; Postgraduate Certificate in Tertiary Teaching and Learning

Program focus

As an educator or trainer, this program will give you the opportunity to enhance your professional competence through advanced coursework and research-based projects. The program is set in the context of societies becoming increasingly reliant on the efforts of knowledge workers. Educators at all levels have important roles to play in developing the capacity of citizens to work effectively with knowledge. New approaches to education, emphasising knowledge building rather than transmission can contribute to preparing citizens to participate more fully in the knowledge economy and information society. The Master of Education program aims to develop in its graduates the capabilities and dispositions to work as engaged professional educators in knowledge building communities.

NOTE

This program does not qualify you for teacher registration with relevant teaching authorities. If you are interested in a program that enables you to qualify for teacher registration, please refer to the Graduate Diploma of Learning and Teaching program.

Program structure

COURSEWORK PATHWAY

Under the coursework pathway, you can study an approved specialisation or combine courses from the specialisations and approved electives to tailor the program.

COURSES TO BE STUDIED	UNITS
3–7 x major courses	
<i>plus</i> 0–2 x electives	8
<i>or</i> 8 x elective courses (student-led design pathway)	
TOTAL	8

RESEARCH PATHWAY

If you intend on undertaking doctoral studies after finishing this program, it is advised that you complete the research pathway.

COURSES TO BE STUDIED	UNITS
4 x coursework courses	4
<i>plus</i> 1 x research methods course	1
<i>plus</i> 2 courses (3 credit points) of project work	3
TOTAL	8

NOTE

Completion of a research stream is a requirement for recognition of a masters qualification in some countries. Students should check registration requirements before choosing between the coursework or research streams in this program.

COURSEWORK PATHWAY MAJOR

Teaching English To Speakers Of Other Languages (TESOL)

LIN5000 The Nature of Language
 LIN8001 Principles of Second Language Learning
 LIN8002 Methodology in Teaching a Second Language
plus two of the following:
 LIN8006 Computer-Assisted Language Learning
 LIN8015 Introduction to Sociolinguistics
 EDR8005 Discourse Analysis
plus three electives

COURSEWORK PATHWAY ELECTIVES

EDR8000	Foundations of Contemporary Educational Research Methods
EDR8001	Effective and Ethical Educational Research
EDR8005	Discourse Analysis
EDU5010	Politics and Pedagogy in Early Childhood
EDU5112	Transforming Learning with ICT
EDU5221	Professional Learning
EDU5321	Educating Students with Special Needs
EDU5322	Behaviour Management and Support
EDU5325	Child Abuse and Neglect: Intervention, Protection and Prevention
EDU5335	Emotional and Behavioural Problems of Children and Adolescents
EDU5601	Designing for Flexible Learning Environments
EDU5702	Exploring Learning and Teaching in Higher Education Contexts
EDU5703	Engaging Curriculum and Pedagogy
EDU5704	Popular Culture as Curriculum and Pedagogy
EDU5705	Principles of Quality Curricula
EDU5713	Assessment Principles and Practices
EDU5760	Professional Study
EDU8007	Developing Matters in Early Childhood Education
EDU8011	Professional Culture, Dynamics and Change in Early Childhood Education
EDU8111	Emerging Environments for Learning
EDU8114	Online Pedagogy in Practice
EDU8117	Networked and Global Learning
EDU8311	Concepts and Theories in Educational Management
EDU8312	Educators as Leaders: Emerging Perspectives
EDU8314	Human Resource Strategies for Innovation
EDU8317	Individual Assessment and Testing
EDU8318	Organisational Transformation Through Learning
EDU8319	Marketing Your Educational Organisation
EDU8324	Learning Difficulties: Reading
EDU8326	Learning Difficulties: Mathematics
EDU8328	Consultation and Communication: Theory and Practice
EDU8331	Career Development in Educational Settings
EDU8332	Introduction to Counselling in Educational Contexts
EDU8333	Advanced Educational Counselling

EDU8338	Autism
EDU8406	Theories for Learning Futures
EDU8415	Multi-Modal Texts and New Literacies
EDU8605	Building Communities of Practice
EDU8606	Lifelong Career Development
EDU8701	Teaching and Learning in Contemporary Contexts: Theory and Practice
EDU8702	Scholarship in Higher Education: Reflection and Evaluation
EDU8703	Critical Multiliteracies
EDU8704	New Pedagogies
EDU8705	Personal Pedagogy in Context
EDU8712	Contemporary Approaches to Alternative Education
EDU8719	Contemporary Issues Conference
LIN5000	The Nature of Language
LIN5003	Syllabus Design and Materials Writing
LIN8001	Principles of Second Language Learning
LIN8002	Methodology in Teaching a Second Language
LIN8006	Computer-Assisted Language Learning
LIN8007	Language Testing
LIN8015	Introduction to Sociolinguistics
LIN8017	Bilingualism and Bilingual Education

STUDENT-LED DESIGN PATHWAY FOCUS AREAS

Under the coursework stream of this program, you are able to select any eight courses (at least 4 must be level 8) from the Faculty's list of available postgraduate courses to tailor your coursework program.

RESEARCH METHODS COURSE

EDR8000	Foundations of Contemporary Educational Research Methods
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PROJECT WORK COURSES

EDR8060	Masters Project 1
EDR8061	Masters Project 2 ²

1 Not all courses are available in every mode in every semester or year. Students are advised to check the course and mode offer listings for each semester/year.

2 Two units.

Other Postgraduate Education Programs

For additional on-campus postgraduate Education programs, please refer to the following:

RESEARCH

- Doctor of Philosophy on page 139.



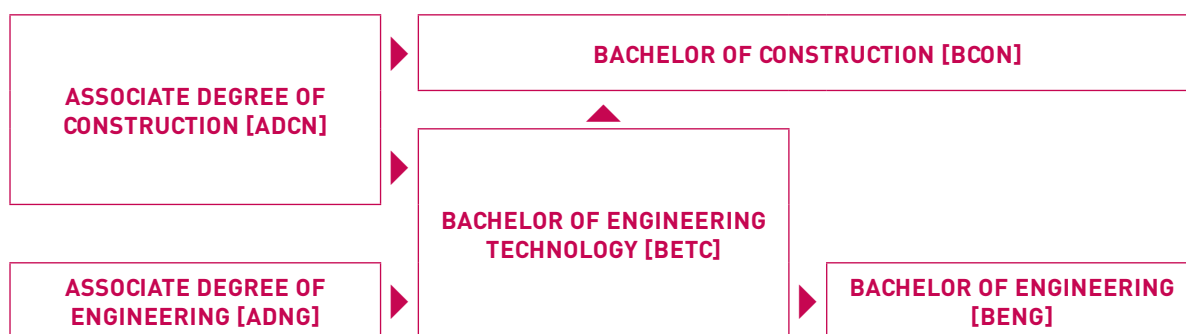
Because USQ is not a large university, it was easy for me to make friends. USQ staff are supportive and never far away. In addition to a wide variety of teaching subject options, I can put my practical experience into my assignments and vice versa (theoretical knowledge into practice). I always wanted to be a Japanese teacher ... I realise my dream is coming true!

FUMIKO SHIMIZU

GRADUATE DIPLOMA IN LEARNING
AND TEACHING

COUNTRY OF ORIGIN: JAPAN

Undergraduate Engineering and Spatial Science



Associate Degree of Construction (ADCN)

CRICOS code	072517G
Units to complete	16
Start date	February, July
Duration	2 years
Campus	Toowoomba, Springfield ¹
Entry requirements	Minimum of IELTS 6.0 or equivalent (no component lower than 5.5) Year 12 Senior Certificate or equivalent from a recognised institution A-level Mathematics (O-level Mathematics is assumed) is recommended
Program articulation	To: Bachelor of Construction; Bachelor of Engineering Technology

Program focus

ASSOCIATE DEGREE (ADCN)

Civil Major

This major prepares you for a career as a civil construction officer. You will learn to apply practical analysis and technical principles in problem-solving, analysis, organisational behaviour, construction techniques, job organisation, engineering design, geomechanics, structural and building technology.

Management Major

Interested in a career as a construction management officer? Then this is the major for you. The management major will give you the skills to apply practical analysis and technical principles in problem-solving, analysis, organisational behaviour, construction techniques, job organisation, project management, legal issues and the management of workplace health and safety.

Bachelor of Construction (BCON)

CRICOS code	072520B
Units to complete	32
Start date	February, July
Duration	4 years
Campus	Toowoomba, Springfield
Entry requirements	Minimum of IELTS 6.0 or equivalent (no component lower than 5.5) Year 12 Senior Certificate or equivalent from a recognised institution
Program articulation	From: Associate Degree of Construction; Bachelor of Engineering Technology

BACHELOR (BCON)

In this degree, you will gain the knowledge and skills to operate as construction management professionals involved in significant infrastructure and engineering projects. You will also acquire a range of core skills, such as problem-solving, analysis, engineering design, construction and management, as well as specialised skills in built environment, quantity surveying and building services design.

Program structure

ASSOCIATE DEGREE OF CONSTRUCTION

COURSES TO BE STUDIED	UNITS
16 x Civil or Management major courses (including electives)	16
<i>plus</i> 1–3 x practice courses (0 units value)	
TOTAL	16

BACHELOR OF CONSTRUCTION

COURSES TO BE STUDIED	UNITS
Courses from the Associate Degree of Construction Civil or Management major	16
<i>plus</i> 16 x additional major courses (including electives)	16
<i>plus</i> 5–6 x practice courses (0 units value)	
TOTAL	32

CIVIL MAJOR COURSES T S

Associate Degree of Construction

CIV1501	Engineering Statics
CMG1001	Introduction to Construction Management and the Built Environment
ENG1002	Introduction to Engineering and Spatial Science Applications
ENG1100	Introduction to Engineering Design
ENM1500	Introductory Engineering Mathematics ³
MGT1000	Organisational Behaviour
CIV1500	Applied Mechanics
CIV2403	Geology and Geomechanics
CIV2502	Structural and Building Technology
CIV2605	Construction Engineering
CMG2001	Job Organisation
MEC1201	Engineering Materials
SVY1500	Spatial Science for Engineers

plus two electives

Electives²

CMG3001	Measurement and Estimating ⁴
ENG2002	Technology, Sustainability and Society ⁴
ENG2102	Engineering Problem Solving and Analysis
ENM1600	Engineering Mathematics
ENV2201	Land Studies
FIN1101	Introduction to Corporate Finance ⁴
LAW1101	Introduction to Law
MGT2001	Management of Workplace Health and Safety ⁴
MGT2203	Project Management Fundamentals
SVY1104	Survey Computations A
SVY2303	Construction Surveying

Practice courses

CIV2901	Geology and Geomechanics Practice
CIV3906	Civil Materials Practice
ENG1901	Engineering Practice 1

Bachelor of Construction

CIV2503	Structural Design I
CMG3001	Measurement and Estimating
CMG4001	Building and Construction Systems
ENG2002	Technology, Sustainability and Society
ENG2102	Engineering Problem Solving and Analysis
ENG3003	Engineering Management
ENG4111	Research Project Part 1
ENG4112	Research Project Part 2
ENM1600	Engineering Mathematics
ENV2103	Hydraulics I
FIN1101	Introduction to Corporate Finance
LAW1101	Introduction to Law
MEC2402	Stress Analysis
MGT2001	Management of Workplace Health and Safety

plus two electives¹

Electives

CIV2701	Road Design and Location
CIV2702	Municipal Services
CIV3403	Geotechnical Engineering
CIV3506	Concrete Structures
ENG4004	Engineering Project and Operations Management
ENG8104	Asset Management in an Engineering Environment
ENV2201	Land Studies
MGT2002	Managing Organisations
MGT2007	Leadership
MGT2203	Project Management Fundamentals
MGT3100	Quality and Performance Management
SVY1102	Surveying A
SVY1104	Survey Computations A
SVY2303	Construction Surveying
SVY3201	Sustainable Urban Design and Development

Practice courses

CIV2901	Geology and Geomechanics Practice
CIV3906	Civil Materials Practice
CMG4901	Construction Management Practice
ENG1901	Engineering Practice 1
ENG3902	Professional Practice 1
ENG4903	Professional Practice 2

MANAGEMENT MAJOR COURSES T S

Associate Degree of Construction

CMG1001	Introduction to Construction Management and the Built Environment
ENG1002	Introduction to Engineering and Spatial Science Applications
ENG1100	Introduction to Engineering Design
ENG1101	Introduction to Engineering Problem Solving
ENG2102	Engineering Problem Solving and Analysis
ENM1500	Introductory Engineering Mathematics ³
LAW1101	Introduction to Law
MGT1000	Organisational Behaviour
CIV2502	Structural and Building Technology
CMG2001	Job Organisation
MEC1201	Engineering Materials
MGT2001	Management of Workplace Health and Safety
MGT2203	Project Management Fundamentals
SVY1500	Spatial Science for Engineers

plus two electives

Electives²

CIV1501	Engineering Statics ⁴
CIV2403	Geology and Geomechanics
CIV2605	Construction Engineering ⁴
CMG3001	Measurement and Estimating ⁴
ENG2002	Technology, Sustainability and Society ⁴
ENV2201	Land Studies
FIN1101	Introduction to Corporate Finance ⁴
MAT1500	Engineering Mathematics 1 ⁴

Practice courses

ENG1901	Engineering Practice 1
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Bachelor of Construction

CIV1501	Engineering Statics
CIV2605	Construction Engineering
CMG3001	Measurement and Estimating
CMG4001	Building and Construction Systems
ENG2002	Technology, Sustainability and Society
ENG3003	Engineering Management
ENG4004	Engineering Project and Operations Management
ENG4111	Research Project Part 1
ENG4112	Research Project Part 2
ENM1600	Engineering Mathematics
FIN1101	Introduction to Corporate Finance
MGT2002	Managing Organisations
MGT2007	Leadership

plus two electives⁵

Electives

CIV2403	Geology and Geomechanics
CIV2503	Structural Design I
CIV2701	Road Design and Location
CIV2702	Municipal Services
CIV3403	Geotechnical Engineering
CIV3506	Concrete Structures
ENG8104	Asset Management in an Engineering Environment
ENV2103	Hydraulics I
ENV2201	Land Studies
MEC2402	Stress Analysis
MGT3100	Quality and Performance Management
SVY1102	Surveying A
SVY3201	Sustainable Urban Design and Development

Practice courses

CIV3906	Civil Materials Practice
CMG4901	Construction Management Practice
ENG1901	Engineering Practice 1
ENG3902	Professional Practice 1
ENG4903	Professional Practice 2

Residential schools

External students are required to attend a number of residential schools during their program to undertake the requirements of practice courses. There are normally conducted at the Toowoomba campus, and at the end of Semester 3 (February), or during the mid-semester recess in Semester 2 (September/October). On-campus students will be able to undertake some practice courses in the normal on-campus mode where the classes are scheduled throughout a semester, at either the Toowoomba or Springfield campus. However, some practice courses for on-campus students will need to be undertaken in the residential school mode at the Toowoomba campus.

- 1 Springfield on-campus students may be required to attend practical sessions on-campus in Toowoomba. Free transportation between Springfield and Toowoomba is available.
- 2 Other courses may be admissible as an elective. However, students must obtain approval from the relevant Head or Program Coordinator prior to enrolling in the course.
- 3 Students who achieve a high level in Year 12 Mathematics, or an equivalent mathematics program, may be eligible to replace the study of ENM1500 Introductory Engineering Mathematics with ENM1600 Engineering Mathematics.
- 4 Although these courses are electives in the ADCN they are compulsory courses the BCON program.
- 5 Students permitted only one level 8 course as an elective.

■ Associate Degree of Engineering (ADNG)

CRICOS code	054271G
Units to complete	16
Duration	2 years
Start date	February, July
Campus	Toowoomba, Springfield ¹
Entry requirements	Minimum of IELTS 6.0 or equivalent (no component lower than 5.5) Year 12 Senior Certificate or equivalent from a recognised institution A-level (O-level Mathematics is assumed) is recommended
Program articulation	To: Bachelor of Engineering Technology; Bachelor of Engineering; Bachelor of Engineering and Bachelor of Business/Science



■ Bachelor of Engineering Technology (BETC)

CRICOS code	013504B
Units to complete	24
Duration	3 years
Start date	February, July
Campus	Toowoomba, Springfield ¹
Entry requirements	Minimum of IELTS 6.0 or equivalent (no component lower than 5.5) Year 12 Senior Certificate or equivalent from a recognised institution A-level Mathematics or equivalent
Program articulation	From: Associate Degree of Engineering; To: Bachelor of Engineering (check with the Faculty to determine maximum possible credits)

Program focus

ASSOCIATE DEGREE OF ENGINEERING (ADNG)

This program prepares students for a career as an engineering officer in the following fields:

Agricultural Engineering

In this major you will learn to apply practical analysis and technical principles to the areas of sustainable agricultural production, agricultural machinery hydraulics and hydrology. USQ is the only institution in Australia which offers degrees specialising in Agricultural Engineering.

Civil Engineering

This major prepares you for a career as an engineering officer. You will learn to apply practical analysis and technical principles to the areas of design, testing, inspection, plant operation and manufacturing processes.

Computer Systems Engineering

In this major, you will learn to apply practical analysis and technical principles to the areas of design and development of computer systems, including both hardware and software.

Electrical and Electronic Engineering

In this study area, you will learn to apply practical analysis and technical principles to the areas of design, testing, inspection, plant operation and manufacturing processes.

Environmental Engineering

This major provides you with skills in environmental impact assessment and management, soil and water resource management, rehabilitation of degraded lands, and water supply and wastewater treatment. Basic studies in the engineering sciences provide the foundation for the specialist Environmental Engineering courses which comprise the core of the program.

Mechanical Engineering

In this major, you will learn to apply practical analysis and technical principles to the areas of design, testing, inspection, plant operation and manufacturing processes.

Power Engineering

Throughout the course of this major, you will study the fundamental principles of electrical power generation, transmission and distribution, and the operation of equipment needed for control and protection of electricity supply systems. Specification, design and analysis of electrical power equipment and systems will also be covered.

Process Engineering

This major prepares you for a career as an engineering officer in the gas, minerals and manufacturing industries. You will learn to apply practical analysis and technical principles to the areas of fluid mechanics, thermodynamics, sensors, actuation, instrumentation, computer control systems, and graphical user interfaces. Specification, design, analysis and operation of processing equipment and systems are covered. Throughout your studies, you may specialise in instrumentation and control, machine systems or process plant technology.

BACHELOR OF ENGINEERING TECHNOLOGY (BETC)

Agricultural Engineering

This major prepares you for a career as an engineering officer. Throughout your studies, you will learn to apply practical analysis and technical principles to the areas of sustainable agricultural production, precision agriculture, agricultural machinery, hydraulics, hydrology and post-harvest technology. USQ is the only institution in Australia that offers degrees specialising in Agricultural Engineering.

Civil Engineering

This major provides you with the skills to plan, design, construct and maintain infrastructure, such as roads, railways, airfields, irrigation works, buildings, harbour facilities and disposal works. During your studies, you will have the opportunity to specialise in the areas of project design and construction, and research and development.

Computer Systems Engineering

This major will allow you to learn to apply practical analysis and technical principles to the design and development of computer systems, including both hardware and software. Advanced studies are undertaken in management, computer systems and communications, programming, telecommunications, operating systems, real-time systems and electronic systems.

Electrical and Electronic Engineering

There are four interrelated areas within this major: energy systems and power electronics, where you will cover electrical power generation, transmission distribution, rotating machines and inverters and power supplies; computers and microprocessors, which introduces you to computer architecture, hardware, software, programming and interfacing; communications, which allows you to investigate developments in the transmission of information; and control, which investigates signal processing in control systems and fault diagnosis.

Environmental Engineering

The Environmental Engineering major at USQ is unique. Environmental Engineering at USQ emphasises the sustainable management of Australia's vital soil and water resources. It is a broad-ranging major, drawing on the University's expertise in environmental, agricultural engineering and land management. Environmental Engineering at USQ provides you with the knowledge and skills to be an 'environmental problem-solver'. During your studies, you will learn to find workable, down-to-earth engineering solutions to environmental issues.

Infrastructure Management

This program provides you with a sound knowledge of the principles and practice of building and construction, as well as the management skills required to supervise projects of this type. Many supervisors in the building and construction industry have a trade background, and may be seeking an appropriate qualification that will enable them to work as engineering technologists, as defined by Engineers Australia.

Mechanical Engineering

This major provides you with skills in energy generation, dynamic mechanisms, simulation, manufacturing and fluid flow control, to design new machines and devices and improve engineering systems.

Power Engineering

The Power Engineering major at USQ is unique. You will develop skills specific to electrical power systems, including the fundamentals of electrical power generation, transmission and distribution, and you will study the operation of equipment needed for the control and protection of electricity supply systems.

Professional accreditation

ASSOCIATE DEGREE OF ENGINEERING

All majors (except Process Engineering) in this program have received provisional accreditation from Engineers Australia. Provisional accreditation for the Process Engineering major will be sought during 2012. Graduates of provisionally accredited majors in this program are eligible to apply for graduate membership of Engineers Australia as an Engineering Associate (Officer). After further professional development, a graduate member with an associate degree may apply for chartered status as an engineering officer and, when granted, may use the post-nominal OMIEAust CEngO.

BACHELOR OF ENGINEERING TECHNOLOGY

A graduate of this program is eligible to apply for graduate membership of Engineers Australia as an engineering officer. After further professional development, a graduate member with an associate degree may apply for chartered status as an engineering officer and, when granted, may use the post-nominal TMIEAust CEngT.

Program structure

ASSOCIATE DEGREE OF ENGINEERING

COURSES TO BE STUDIED	UNITS
1 x 16 major courses (including electives)	16
<i>plus</i> 5-7 x practice courses (0 units value)	
TOTAL	16

BACHELOR OF ENGINEERING TECHNOLOGY

COURSES TO BE STUDIED	UNITS
Course from Associate Degree of Engineering	16
<i>plus</i> 8 x additional major courses (including electives)	8
<i>plus</i> 4-6 x practice courses (0 units value)	
TOTAL	24

MAJOR COURSES

AGRICULTURAL ENGINEERING T

Associate Degree of Engineering

AGR2301	Agricultural Science
AGR2302	Agricultural Machinery
CIV1500	Applied Mechanics
CIV1501	Engineering Statics
CIV2403	Geology and Geomechanics
ENG1002	Introduction to Engineering and Spatial Science Applications
ENG1100	Introduction to Engineering Design
ENM1500	Introductory Engineering Mathematics ²
ENV2103	Hydraulics I
ENV3105	Hydrology
MEC1201	Engineering Materials
SVY1500	Spatial Science for Engineers
<i>plus three</i> electives	

Electives

AGR3303	Agricultural Materials and Post-Harvest Technologies ³
AGR3304	Soil Science ³
AGR3305	Precision and Smart Technologies in Agriculture ³
ENG2002	Technology, Sustainability and Society ³
ENG1101	Introduction to Engineering Problem Solving
ENV2201	Land Studies
MAT1502	Engineering Mathematics 2
MEC2402	Stress Analysis ³

plus any Approved Bachelor of Engineering Technology (Agricultural) course

Practice courses

AGR2902	Field Practice
CIV2901	Geology and Geomechanics Practice
ENG1901	Engineering Practice
ENG2909	Work Experience – Associate
ENG2911	AD Capstone Project
ENV2902	Hydraulics Practice

Bachelor of Engineering Technology

AGR3303	Agricultural Materials and Post-Harvest Technologies
AGR3304	Soil Science
AGR3305	Precision and Smart Technologies in Agriculture
ENG2002	Technology, Sustainability and Society
ENG2102	Engineering Problem Solving and Analysis
ENG3003	Engineering Management
ENG3111	Technology Design Project
ENM1600	Engineering Mathematics
ENV4106	Irrigation Science
MEC2402	Stress Analysis

plus **three** electives

Electives

ELE1301	Computer Engineering
ELE2103	Linear Systems and Control
ENG3103	Engineering Problem Solving Computations
ENV2201	Land Studies
ENV3104	Hydraulics II
MAT1502	Engineering Mathematics 2
MAT2500	Engineering Mathematics 3
MEC2202	Manufacturing Processes
MEC2301	Design of Machine Elements
MEC2401	Dynamics I
MEC3203	Materials Technology
MEC3303	System Design

or any approved Bachelor of Engineering (Agricultural Engineering) course

Practice courses

AGR2902	Field Practice ³
AGR3903	Soil and Water Engineering Practice ^{2,4}
CIV2901	Geology and Geomechanics Practice
ENG1901	Engineering Practice ^{1,5}
ENG3909	Work Experience – Technologist
ENV2902	Hydraulics Practice

CIVIL ENGINEERING T S

Associate Degree of Engineering

CIV1500	Applied Mechanics
CIV1501	Engineering Statics
CIV2403	Geology and Geomechanics
CIV2502	Structural and Building Technology
CIV2605	Construction Engineering
CIV2701	Road Design and Location
CIV2702	Municipal Services
ENG1002	Introduction to Engineering and Spatial Science Applications
ENG1100	Introduction to Engineering Design
ENG1101	Introduction to Engineering Problem Solving
ENM1500	Introductory Engineering Mathematics ²
ENV2103	Hydraulics I
MEC1201	Engineering Materials
SVY1500	Spatial Science for Engineers

plus **two** electives

Electives

CIV3603	Construction Methods
CIV3703	Transport Engineering
CMG2001	Job Organisation
ENG2002	Technology, Sustainability and Society ³
ENG2102	Engineering Problem Solving and Analysis
ENG4004	Engineering Project and Operations Management
ENV2201	Land Studies
ENV3105	Hydrology ³
ENV4204	Environmental Technology
GIS1402	Geographic Information Systems
MAT1500	Engineering Mathematics 1 ³
MAT1502	Engineering Mathematics 2
REN1201	Environmental Studies
SVY3201	Sustainable Urban Design and Development

Practice courses

CIV2901	Geology and Geomechanics Practice
CIV3906	Civil Materials Practice
ENG1901	Engineering Practice ^{1,5}
ENG2909	Work Experience – Associate
ENG2911	AD Capstone Project
ENV2902	Hydraulics Practice

Bachelor of Engineering Technology

CIV2503	Structural Design I
CMG2001	Job Organisation
ENG2002	Technology, Sustainability and Society
ENG2102	Engineering Problem Solving and Analysis
ENG3003	Engineering Management
ENG3111	Technology Design Project
ENM1600	Engineering Mathematics
ENV3105	Hydrology
MEC2402	Stress Analysis

plus **three** electives

Electives

CIV3506	Concrete Structures
CIV3603	Construction Methods
CIV3703	Transport Engineering
ENG3103	Engineering Problem Solving Computations
ENG4004	Engineering Project and Operations Management
ENV2201	Land Studies
ENV4204	Environmental Technology
GIS1402	Geographic Information Systems
MAT1502	Engineering Mathematics 2
MAT2500	Engineering Mathematics 3
REN1201	Environmental Studies
SVY1104	Survey Computations A
SVY3201	Sustainable Urban Design and Development

or any approved Bachelor of Engineering (Civil) course

Practice courses

CIV2901	Geology and Geomechanics Practice
CIV3906	Civil Materials Practice
CIV3907	Civil Systems Practice ³
ENG1901	Engineering Practice 1 ⁵
ENG3909	Work Experience – Technologist
ENV2902	Hydraulics Practice

COMPUTER SYSTEMS ENGINEERING T**Associate Degree of Engineering**

CSC1401	Foundation Programming
CSC2402	Object-Oriented Programming in C++
ELE1301	Computer Engineering
ELE1502	Electronic Circuits
ELE1801	Electrical Technology
ELE2101	Control and Instrumentation
ELE2303	Embedded Systems Design
ELE2501	Electronic Workshop and Production
ENG1002	Introduction to Engineering and Spatial Science Applications
ENG1100	Introduction to Engineering Design
ENG1101	Introduction to Engineering Problem Solving
ENM1500	Introductory Engineering Mathematics ²
MAT1101	Discrete Mathematics for Computing

plus **three** electives

Electives

CSC2401	Algorithms and Data Structures ³
CSC2404	Operating Systems ³
CSC2408	Software Development Tools
ELE2503	Electronic Systems ³
ELE2601	Telecommunications Principles ³
ELE3305	Computer Systems and Communications Protocols ³
ELE3307	Real Time Systems ³
ENG2002	Technology, Sustainability and Society ³
ENG3003	Engineering Management ³

Practice courses

ELE1911	Electrical and Electronic Practice A
ELE2912	Electrical and Electronic Practice B
ENG1901	Engineering Practice 1
ENG2909	Work Experience – Associate
ENG2911	AD Capstone Project

Bachelor of Engineering Technology

CSC2401	Algorithms and Data Structures
CSC2404	Operating Systems
ELE2503	Electronic Systems
ELE2601	Telecommunications Principles
ELE3305	Computer Systems and Communications Protocols
ELE3307	Real Time Systems

ENG2002	Technology, Sustainability and Society
ENG2102	Engineering Problem Solving and Analysis
ENG3003	Engineering Management
ENG3111	Technology Design Project
ENM1600	Engineering Mathematics

plus **one** elective

Electives

CSC2408	Software Development Tools
ELE2103	Linear Systems and Control
ENG4004	Engineering Project and Operations Management
MAT1502	Engineering Mathematics 2

Practice courses

ELE1911	Electrical and Electronic Practice A
ELE2912	Electrical and Electronic Practice B
ELE2913	Electrical and Electronic Practice C
ELE2914	Electrical and Electronic Practice D
ENG1901	Engineering Practice 1 ⁵
ENG3909	Work Experience – Technologist

ELECTRICAL AND ELECTRONIC ENGINEERING T**Associate Degree of Engineering**

ELE1301	Computer Engineering
ELE1502	Electronic Circuits
ELE1801	Electrical Technology
ELE2101	Control and Instrumentation
ELE2501	Electronic Workshop and Production
ELE2503	Electronic Systems
ELE2601	Telecommunications Principles
ELE2702	Electrical Measurement and Analysis
ENG1002	Introduction to Engineering and Spatial Science Applications
ENG1100	Introduction to Engineering Design
ENG1101	Introduction to Engineering Problem Solving
ENM1500	Introductory Engineering Mathematics ²
MEC1201	Engineering Materials

plus **three** electives

Electives

ELE2303	Embedded Systems Design
ELE2704	Electricity Supply Systems
ELE3506	Electronic Measurement
ELE3803	Electrical Plant
ELE3805	Power Electronics Principles and Applications
ENG2002	Technology, Sustainability and Society
ENG3003	Engineering Management

Practice courses

ELE1911	Electrical and Electronic Practice A
ELE2912	Electrical and Electronic Practice B
ELE2913	Electrical and Electronic Practice C
ENG1901	Engineering Practice 1
ENG2909	Work Experience – Associate
ENG2911	AD Capstone Project

Bachelor of Engineering Technology

ELE2303	Embedded Systems Design
ELE3506	Electronic Measurement
ELE3803	Electrical Plant
ELE3805	Power Electronics Principles and Applications
ENG2002	Technology, Sustainability and Society
ENG2102	Engineering Problem Solving and Analysis
ENG3003	Engineering Management
ENG3111	Technology Design Project
ENM1600	Engineering Mathematics

plus **three** electives

Electives

ELE2103	Linear Systems and Control
ELE2504	Electronic Design and Analysis
ELE2704	Electricity Supply Systems
ELE3305	Computer Systems and Communications Protocols
ELE3804	Power Systems Production
ELE4109	Measurement Science & Instrument Engineering ⁶
ENG4004	Engineering Project and Operations Management

Practice courses

ELE1911	Electrical and Electronic Practice A
ELE2912	Electrical and Electronic Practice B
ELE2913	Electrical and Electronic Practice C
ELE3914	Electrical and Electronic Practice D
ENG1901	Engineering Practice 1
ENG3909	Work Experience – Technologist

ENVIRONMENTAL ENGINEERING T

Associate Degree of Engineering

AGR2301	Agricultural Science
CIV1501	Engineering Statics
CIV2403	Geology and Geomechanics
ENG1002	Introduction to Engineering and Spatial Science Applications
ENG1100	Introduction to Engineering Design
ENG1101	Introduction to Engineering Problem Solving
ENG2102	Engineering Problem Solving and Analysis
ENM1500	Introductory Engineering Mathematics ²
ENV2103	Hydraulics I
ENV2201	Land Studies
ENV3105	Hydrology
MEC1201	Engineering Materials
REN1201	Environmental Studies
SVY1500	Spatial Science for Engineers

plus two electives

Electives

CIV2702	Municipal Services
ENG2002	Technology, Sustainability and Society ³
ENM1600	Engineering Mathematics
MAT1102	Algebra and Calculus I
SVY3201	Sustainable Urban Design and Development
SVY3202	Photogrammetry and Remote Sensing

or any Bachelor of Engineering Technology (Environment) course

Practice courses

AGR2902	Field Practice
CIV2901	Geology and Geomechanics Practice
ENG1901	Engineering Practice 1
ENG2909	Work Experience – Associate
ENG2911	AD Capstone Project
ENV2902	Hydraulics Practice

Bachelor of Engineering Technology

AGR3304	Soil Science
ENG2002	Technology, Sustainability and Society
ENG3003	Engineering Management
ENG3111	Technology Design Project
ENM1600	Engineering Mathematics
ENV4106	Irrigation Science
ENV4203	Public Health Engineering
ENV4204	Environmental Technology

plus three electives

Electives

AGR3305	Precision and Smart Technologies in Agriculture
CHE1110	Chemistry 1
CIV3703	Transport Engineering
CMS3010	Environmental Discourses: Democracy, Science and Economics
ENG3103	Engineering Problem Solving Computations
ENG4004	Engineering Project and Operations Management
GIS1402	Geographic Information Systems
LAW2107	Environmental Law
MAT1502	Engineering Mathematics 2
MAT2500	Engineering Mathematics 3
SVY3201	Sustainable Urban Design and Development
SVY3202	Photogrammetry and Remote Sensing

or any approved Bachelor of Engineering (Environmental Engineering) course

Practice courses

AGR2902	Field Practice
AGR3903	Soil and Water Engineering Practice ²⁴
CIV2901	Geology and Geomechanics Practice
ENG1901	Engineering Practice 1
ENG3909	Work Experience – Technologist
ENV2902	Hydraulics Practice
ENV3904	Environmental Engineering Practice ²⁴

INFRASTRUCTURE MANAGEMENT T S

Bachelor of Engineering Technology

ACC1101	Accounting for Decision-Making
CIV1501	Engineering Statics
CIV2403	Geology and Geomechanics
CIV2502	Structural and Building Technology
CIV2503	Structural Design I
CIV2605	Construction Engineering
CIV3603	Construction Methods
CMG2001	Job Organisation
ENG1002	Introduction to Engineering and Spatial Science Applications
ENG1100	Introduction to Engineering Design
ENG1101	Introduction to Engineering Problem Solving
ENG2002	Technology, Sustainability and Society
ENG2102	Engineering Problem Solving and Analysis
ENG3003	Engineering Management
ENG3111	Technology Design Project
ENM1600	Engineering Mathematics
LAW1101	Introduction to Law
MEC1201	Engineering Materials
MGT1000	Organisational Behaviour
MGT1001	Foundations of Human Resource Management
MGT2001	Management of Workplace Health and Safety
MGT3100	Quality and Performance Management
SVY1500	Spatial Science for Engineers

plus one elective

Electives

CIV3506	Concrete Structures
ENG4004	Engineering Project and Operations Management
ENV2201	Land Studies
SVY4203	Urban and Regional Planning

or any approved Bachelor of Engineering (Civil) course

Practice courses

CIV2901	Geology and Geomechanics Practice
CIV3906	Civil Materials Practice
ENG1901	Engineering Practice 1
ENG3909	Work Experience – Technologist

MECHANICAL ENGINEERING T**Associate Degree of Engineering**

CIV1500	Applied Mechanics
CIV1501	Engineering Statics
ELE1801	Electrical Technology
ENG1002	Introduction to Engineering and Spatial Science Applications
ENG1100	Introduction to Engineering Design
ENG1101	Introduction to Engineering Problem Solving
ENM1500	Introductory Engineering Mathematics ²
MAT1500	Engineering Mathematics
MEC1201	Engineering Materials 1
MEC2106	Introduction to Thermo-Fluids
MEC2202	Manufacturing Processes
MEC2301	Design of Machine Elements
MEC2402	Stress Analysis
MEC2405	Machine Dynamics

plus **two** electives

Electives

AGR2302	Agricultural Machinery
CIV2502	Structural and Building Technology
CIV2503	Structural Design I
ENG2102	Engineering Problem Solving and Analysis
ENM1600	Engineering Mathematics
MAT1502	Engineering Mathematics 2
MEC2101	Thermodynamics ³
MEC2304	Solid Modelling
MEC3204	Production Engineering ³

or any Bachelor of Engineering Technology (Mechanical) course

Practice courses

ENG1901	Engineering Practice 1
ENG2909	Work Experience – Associate
ENG2911	AD Capstone Project
MEC2901	Mechanical Practice 1
MEC2902	Mechanical Practice 2
MEC3903	Mechanical Practice 3

Bachelor of Engineering Technology

ENG2002	Technology, Sustainability and Society
ENG2102	Engineering Problem Solving and Analysis
ENG3003	Engineering Management
ENG3111	Technology Design Project
ENM1600	Engineering Mathematics
MEC2101	Thermodynamics
MEC2304	Solid Modelling
MEC3203	Materials Technology
MEC3204	Production Engineering
MEC3303	System Design

plus **three** electives

Electives

AGR2302	Agricultural Machinery
CIV2502	Structural and Building Technology
CIV2503	Structural Design I
ELE1301	Computer Engineering
ELE1502	Electronic Circuits
ELE3803	Electrical Plant
ENG4004	Engineering Project and Operations Management
ENV4204	Environmental Technology
MAT1502	Engineering Mathematics 2
MEC4104	Energy Technology

or **one** from the following:

ACC1101	Accounting for Decision-Making
ECO1000	Economics
LAW1101	Introduction to Law
MGT3100	Quality and Performance Management
MKT1001	Introduction to Marketing

Practice courses

ENG1901	Engineering Practice 1 ⁵
ENG3909	Work Experience – Technologist
MEC2901	Mechanical Practice 1
MEC2902	Mechanical Practice 2
MEC3903	Mechanical Practice 3
MEC3904	Mechanical Practice 4

POWER ENGINEERING T**Associate Degree of Engineering**

ELE1301	Computer Engineering
ELE1502	Electronic Circuits
ELE1801	Electrical Technology
ENG1002	Introduction to Engineering and Spatial Science Applications
ENG1101	Introduction to Engineering Problem Solving
ENM1500	Introductory Engineering Mathematics ²
MEC1201	Engineering Materials
ELE2101	Control and Instrumentation
ELE2501	Electronic Workshop and Production
ELE2503	Electronic Systems
ELE2702	Electrical Measurement and Analysis
ENG1100	Introduction to Engineering Design

plus **four** electives

Electives

CIV1501	Engineering Statics
CIV2403	Geology and Geomechanics
CIV2605	Construction Engineering
ELE2303	Embedded Systems Design ³
ELE2704	Electricity Supply Systems ³
ELE3803	Electrical Plant ³
GIS1401	Geographic Data Presentation
GIS1402	Geographic Information Systems
SVY1110	Introduction to Global Positioning System

Practice courses

ELE1911	Electrical and Electronic Practice A
ELE2912	Electrical and Electronic Practice B
ELE2913	Electrical and Electronic Practice C
ENG1901	Engineering Practice 1
ENG2909	Work Experience – Associate
ENG2911	AD Capstone Project

Bachelor of Engineering Technology

ELE2303	Embedded Systems Design
ELE2704	Electricity Supply Systems ³
ELE3803	Electrical Plant
ELE3804	Power System Protection
ELE3805	Power Electronics Principles and Applications
ENG2002	Technology, Sustainability and Society
ENG2102	Engineering Problem Solving and Analysis
ENG3003	Engineering Management
ENG3111	Technology Design Project
ENM1600	Engineering Mathematics

plus **three** electives

Electives

CIV1501	Engineering Statics
CIV2403	Geology and Geomechanics
CIV2605	Construction Engineering
ELE2103	Linear Systems and Control
ELE2504	Electronic Design and Analysis
ELE3305	Computer Systems and Communications Protocols
ELE4109	Measurement Science & Instrument Engineering ⁵
ENG4004	Engineering Project and Operations Management
GIS1401	Geographic Data Presentation
GIS1402	Geographic Information Systems
SVY1110	Introduction to Global Positioning System

Practice courses

ELE1911	Electrical and Electronic Practice A
ELE2912	Electrical and Electronic Practice B
ELE2913	Electrical and Electronic Practice C
ELE3914	Electrical and Electronic Practice D
ENG1901	Engineering Practice 1 ⁴
ENG3909	Work Experience – Technologist

PROCESS ENGINEERING T

Associate Degree of Engineering

CIV1500	Applied Mechanics
CIV1501	Engineering Statics
ENG1002	Introduction to Engineering and Spatial Science Applications
ENG1100	Introduction to Engineering Design
ENG1101	Introduction to Engineering Problem Solving
ENM1500	Introductory Engineering Mathematics ²
MEC1201	Engineering Materials
MEC1501	Introduction to Process Engineering
ELE1301	Computer Engineering
MEC2101	Thermodynamics
MEC2501	Process Engineering Systems

plus **one** of the electives patterns (5 units)

Electives

Pattern 1

CHE1110	Chemistry 1 ⁷
CHE2120	Chemistry 2 ⁷
ENG2102	Engineering Problem Solving and Analysis
MAT1500	Engineering Mathematics 1
MEC2106	Introduction to Thermo-Fluids
MEC3204	Production Engineering

Pattern 2 Instrumentation and Control minor

ELE1502	Electronic Circuits
ELE1801	Electrical Technology
ELE2101	Control and Instrumentation
ELE2303	Embedded Systems Design

plus **one** elective

Pattern 3 Machine Systems

MEC2202	Manufacturing Processes
MEC2301	Design of Machine Elements
MEC2402	Stress Analysis
MEC2405	Machine Dynamics

plus **one** elective

Process Plant Technology⁸

Four CP Unspecified Block Exemption on successful completion of specified courses within PMA50108 Diploma of Process Plant Technology

plus **one** elective

Practice courses

ELE1911	Electrical and Electronic Practice A
ENG1901	Engineering Practice 1
ENG2909	Work Experience – Associate
ENG2911	AD Capstone Project
MEC2901	Mechanical Practice 1
MEC2902	Mechanical Practice 2 ⁹

Residential schools

External students are required to attend a number of residential schools during their program. These are associated with practice courses and are normally conducted at the end of Semester 3 (February), or during the mid-semester recess in Semester 2 (September/October).

- 1 Civil Engineering major and the Infrastructure Management major (formerly known as Building and Construction Management) are the only two majors that are available on-campus at Springfield.
- 2 Students who achieve a high level in Year 12 Mathematics, or an equivalent mathematics program, may be eligible to replace the study of ENM1500 Introductory Engineering Mathematics with ENM1600 Engineering Mathematics.
- 3 Although these courses are electives in the ADNG they are compulsory courses the BETC program.
- 4 On-campus students should enrol in the external mode (online/distance education).
- 5 Students who have a trade certificate and who have been employed in the engineering industry for some time may be able to claim exemption from the course.
- 6 Offered in odd-numbered years only.
- 7 CHE1110 and CHE2120 involve a compulsory residential school component.
- 8 Courses within the Process Plant Technology minor are not offered by USQ but are available via TAFE Queensland and other Vocational Education and Training providers. Students undertaking this minor must complete all of the specified courses.
- 9 If the Machine Systems minor is selected as one of the elective choices, this practice course must be taken in order to complete the requirements of this minor.

I am enjoying my study as a mechanical engineer at USQ as well as meeting students from different countries and different cultures. The Engineering Faculty is using engineering software to analyse real life problems which I find really interesting and I have had an opportunity to be a part of an engineering research project.

MOHAMMED ALJUAID

BACHELOR OF ENGINEERING
TECHNOLOGY

COUNTRY OF ORIGIN: SAUDI ARABIA



■ Bachelor of Engineering (BENG)

CRICOS code	003581E
Units to complete	32
Duration	4 years
Start date	February, July
Campus	Toowoomba
Entry requirements	Minimum of IELTS 6.0 (or better) (no component lower than 5.5) Year 12 Senior Certificate or equivalent from a recognised institution A-level Mathematics or equivalent A-level Physics is recommended
Program articulation	From: Associate Degree of Engineering; Bachelor of Engineering Technology; To: Bachelor of Engineering and Bachelor of Business; Bachelor of Engineering and Bachelor of Science

Program focus

AGRICULTURAL ENGINEERING

This major provides you with the knowledge to address problems relating to sustainable agricultural production, precision agriculture and the post-harvest handling of agricultural and other primary products. You will also acquire an understanding of the biological implications, which allows you to work with specialists in agricultural science and biology. USQ is the only institution in Australia that offers degrees specialising in Agricultural Engineering.

CIVIL ENGINEERING

This major provides you with the skills to plan, design, construct and maintain infrastructure, such as roads, railways, airfields, irrigation works, buildings, harbour facilities, dams, pipelines, sewers, tunnels, canals and disposal works. You will also have the opportunity to specialise in the areas of project design and construction or research and development. The Bachelor of Engineering may be awarded with honours to high-achieving students.

COMPUTER SYSTEMS ENGINEERING

During the course of this major you will gain an understanding of the analysis, design and development of computer systems, including both hardware and software. The program is based upon electrical engineering and computer science and, as such, has a considerable overlap with the Electrical and Electronic major. Essentially the same treatment of electronics, control and communication systems is common to both, but the Computer Systems major treats computer and micro-processor hardware and software in much greater detail.

ELECTRICAL AND ELECTRONIC ENGINEERING

There are four interrelated areas within this major: energy systems and power electronics, whereby you will cover electrical energy generation, transmission and distribution, rotating machines, inverters and power supplies; computers and microprocessors, which introduces you to computer architecture, hardware, software, programming and interfacing; communications, where you will investigate developments in the transmission of information; and control, which will allow you to learn about signal processing in control systems and fault diagnosis.

ENVIRONMENTAL ENGINEERING

This major is unique because it focuses on the sustainable management of Australia's vital soil and water resources. Throughout this program you will develop the skills to apply engineering solutions to environmental problems. It is a broad-ranging major, drawing on our expertise in environmental engineering, agricultural engineering and land management. Environmental Engineering at USQ provides you with the knowledge and skills to be an 'environmental problem-solver'.

INSTRUMENTATION AND CONTROL ENGINEERING

This major addresses the issues and problems that an instrumentation and control engineer is likely to encounter within the workplace. The major will give you the opportunity to cover subjects, such as dynamics of mechanical systems, heat and mass transfer, sensor design and evaluation, computer systems, architecture, programming and energy systems, as well as linear, computer and adaptive systems control. You will also explore the significant components of both analogue and digital electronic design. This major develops a practical awareness of the implementation of control strategies on existing plant, and gives you the skills to use control as a design tool for the construction of new plant. The integration of sensors and instrumentation into both of these approaches is covered at various levels within the program.

MECHANICAL ENGINEERING

This major focuses on energy generation, dynamic mechanisms, simulation, manufacturing and fluid flow control. During your studies you will develop skills that are crucial to the development and manufacture of efficient, economical and reliable products. These skills will enable you to design new machines and devices and develop better engineering systems.

MECHATRONIC ENGINEERING

Mechatronic Engineering combines the areas of mechanical and electronic engineering to provide you with specialist knowledge in robotics and automation. This major equips you with the skills to be an effective project leader, taking a design from its barest outline to a fully engineered system. It focuses on how to combine moving parts, electronic interfaces, digital controllers and software into effective systems.

POWER ENGINEERING

In this major, you will study the electricity supply systems, including the fundamental principles of electrical power generation, transmission and distribution industry, electrical power equipment used for control and protection of the electricity network. You will conduct a final-year project in electrical power engineering. Specifications, design and analysis of electrical power equipment and systems and engineering project management are also covered.

Professional accreditation

A graduate of this program is eligible to apply for membership of Engineers Australia as a graduate professional engineer. After further professional development, a graduate member with a Bachelor of Engineering may apply for chartered status as a professional engineer and, when granted, may use the post-nominal MIEAust CPEng. The Bachelor of Engineering program is accredited by Engineers Australia and, through an agreement reached between the professional engineering bodies of other countries (the Washington Accord), is also recognised in the United Kingdom, the United States of America, Canada, Ireland, Hong Kong, New Zealand and South Africa.

Program structure

COURSES TO BE STUDIED	UNITS
Core courses	13
<i>plus</i> 19 x major courses (including electives)	19
<i>plus</i> 4–9 x practice courses (0 units value)	
TOTAL	32

CORE COURSES

ENG1002	Introduction to Engineering and Spatial Science Applications
ENG1100	Introduction to Engineering Design
ENG1101	Introduction to Engineering Problem Solving
ENG2002	Technology, Sustainability and Society
ENG2102	Engineering Problem Solving and Analysis
ENG3003	Engineering Management
ENG3103	Engineering Problem Solving Computations
ENG4104	Engineering Problem Solving Simulations
ENG4111	Research Project Part 1
ENG4112	Research Project Part 2
ENM1600	Engineering Mathematics
MAT1102	Algebra and Calculus I
MAT2500	Engineering Mathematics 3

AGRICULTURAL ENGINEERING

AGR2301	Agricultural Science
AGR2302	Agricultural Machinery
AGR3303	Agricultural Materials and Post-Harvest Technologies ¹
AGR3304	Soil Science
AGR3305	Precision and Smart Technologies in Agriculture
AGR4305	Agricultural Soil Mechanics
CIV1501	Engineering Statics
CIV2403	Geology and Geomechanics
ELE2103	Linear Systems and Control
ENV2103	Hydraulics I
ENV3104	Hydraulics II
ENV3105	Hydrology
ENV4106	Irrigation Science
MEC1201	Engineering Materials
MEC2401	Dynamics I
MEC2402	Stress Analysis
SVY1500	Spatial Science for Engineers

plus two electives

Electives

CIV3403	Geotechnical Engineering
ELE1301	Computer Engineering
ENG4004	Engineering Project and Operations Management
ENG8001	Engineering and Surveying Research Methodology
ENV2201	Land Studies
ENV4107	Water Resources Engineering
ENV4203	Public Health Engineering
ENV4204	Environmental Technology
GIS1402	Geographic Information Systems
MEC2202	Manufacturing Processes
MEC2301	Design of Machine Elements
MEC3203	Materials Technology
MEC3302	Computational Mechanics in Design
MEC3303	System Design
MEC4406	Robotics and Machine Vision
REN1201	Environmental Studies

Practice Courses

AGR2902	Field Practice
AGR3903	Soil and Water Engineering Practice 2 ²
AGR3905	Agricultural Engineering Practice
CIV2901	Geology and Geomechanics Practice
ENG1901	Engineering Practice 1
ENG3902	Professional Practice 1
ENG4903	Professional Practice 2 ³
ENG4909	Work Experience – Professional
ENV2902	Hydraulics Practice

CIVIL ENGINEERING

CIV1501	Engineering Statics
CIV2403	Geology and Geomechanics
CIV2503	Structural Design I
CIV2605	Construction Engineering
CIV3403	Geotechnical Engineering
CIV3505	Structural Analysis
CIV3506	Concrete Structures
CIV3703	Transport Engineering
CIV4508	Structural Design II
ENV2103	Hydraulics I
ENV3104	Hydraulics II
ENV3105	Hydrology
ENV4203	Public Health Engineering
MEC1201	Engineering Materials
MEC2402	Stress Analysis
SVY1500	Spatial Science for Engineers

plus three electives

Electives

AGR3304	Soil Science
CIV3603	Construction Methods
ENG4004	Engineering Project and Operations Management
ENV2201	Land Studies
ENV4107	Water Resources Engineering
ENV4204	Environmental Technology
GIS1402	Geographic Information Systems
REN1201	Environmental Studies
SVY1104	Survey Computations A
SVY3201	Sustainable Urban Design and Development
SVY4203	Urban and Regional Planning
ENG8802	Advanced Prestressed Concreters ⁴ or ENG8803 Mechanics and Technology of Fibre Composites

Practice Courses

CIV2901	Geology and Geomechanics Practice
CIV3906	Civil Materials Practice
CIV3907	Civil Systems Practice ²
CIV4908	Civil Design Practice ²
ENG1901	Engineering Practice 1
ENG3902	Professional Practice 1
ENG4903	Professional Practice 2 ¹
ENG4909	Work Experience – Professional
ENV2902	Hydraulics Practice

COMPUTER SYSTEMS ENGINEERING

CSC1401	Foundation Programming
CSC2401	Algorithms and Data Structures
CSC2402	Object-Oriented Programming in C++
CSC2404	Operating Systems
CSC2408	Software Development Tools
ELE1301	Computer Engineering
ELE1502	Electronic Circuits
ELE1801	Electrical Technology
ELE2103	Linear Systems and Control
ELE2303	Embedded Systems Design
ELE2504	Electronic Design and Analysis
ELE2601	Telecommunications Principles
ELE3105	Computer Controlled Systems
ELE3107	Signal Processing
ELE3305	Computer Systems and Communications Protocols
ELE3307	Real Time Systems
ENG4004	Engineering Project and Operations Management
MAT1101	Discrete Mathematics for Computing

plus one elective

Electives

CSC3403	Comparative Programming Languages
ELE3506	Electronic Measurement
ELE4402	Software Engineering Project Management
ELE4607	Advanced Digital Communications ⁵
ENG8001	Engineering and Surveying Research Methodology
MEC4406	Robotics and Machine Vision

Practice Courses

ELE1911	Electrical and Electronic Practice A
ELE2912	Electrical and Electronic Practice B
ELE3913	Computer Systems Engineering Practice
ELE3915	Electrical and Electronic Practice E
ENG1901	Engineering Practice 1
ENG3902	Professional Practice 1
ENG4903	Professional Practice 2 ³
ENG4909	Work Experience – Professional

ELECTRICAL AND ELECTRONIC ENGINEERING

ELE1301	Computer Engineering
ELE1502	Electronic Circuits
ELE1801	Electrical Technology
ELE2103	Linear Systems and Control
ELE2303	Embedded Systems Design
ELE2504	Electronic Design and Analysis
ELE2601	Telecommunications Principles
ELE3105	Computer Controlled Systems
ELE3107	Signal Processing
ELE3305	Computer Systems and Communications Protocols
ELE3506	Electronic Measurement
ELE3803	Electrical Plant
ELE3805	Power Electronics Principles and Applications
ELE4605	Fields and Waves
ELE4606	Communication Systems
ENG4004	Engineering Project and Operations Management
MEC1201	Engineering Materials

plus two electives

Electives

ELE2704	Electricity Supply Systems
ELE3307	Real Time Systems
ELE3804	Power System Protection
ELE3807	Power Systems Analysis
ELE4607	Advanced Digital Communications ⁵
ENG8001	Engineering and Surveying Research Methodology
MEC4406	Robotics and Machine Vision

Practice Courses

ELE1911	Electrical and Electronic Practice A
ELE2912	Electrical and Electronic Practice B
ELE2913	Electrical and Electronic Practice C
ELE3914	Electrical and Electronic Practice D
ELE3915	Electrical and Electronic Practice E
ENG1901	Engineering Practice 1
ENG3902	Professional Practice 1
ENG4903	Professional Practice 2 ³
ENG4909	Work Experience – Professional

ENVIRONMENTAL ENGINEERING

AGR2301	Agricultural Science
AGR3304	Soil Science 3
CIV1501	Engineering Statics
CIV2403	Geology and Geomechanics
ECO8012	Tools and Techniques for Sustainable Development ²
ENV2103	Hydraulics I
ENV3104	Hydraulics II
ENV3105	Hydrology
ENV4106	Irrigation Science
ENV4107	Water Resources Engineering
ENV4203	Public Health Engineering
ENV4204	Environmental Technology
MEC1201	Engineering Materials
MEC2402	Stress Analysis
REN1201	Environmental Studies
SVY1500	Spatial Science for Engineers

plus three electives

Electives

AGR3305	Precision and Smart Technologies in Agriculture
CHE1110	Chemistry 1
CHE2120	Chemistry 2
CIV3403	Geotechnical Engineering
CIV3703	Transport Engineering
CLI1110	Weather and Climate
ECO1000	Economics
ENG4004	Engineering Project and Operations Management
ENG8001	Engineering and Surveying Research Methodology
ENV5205	Solid and Liquid Waste Treatment
GIS1402	Geographic Information Systems
LAW2107	Environmental Law
MAT1200	Operations Research 1
SVY3201	Sustainable Urban Design and Development
SVY3202	Photogrammetry and Remote Sensing
SVY4203	Urban and Regional Planning

Practice Courses

AGR2902	Field Practice
AGR3903	Soil and Water Engineering Practice 2 ²
CIV2901	Geology and Geomechanics Practice
ENG1901	Engineering Practice 1
ENG3902	Professional Practice 1
ENG4903	Professional Practice 2 ³
ENG4909	Work Experience – Professional
ENV2902	Hydraulics Practice
ENV3904	Environmental Engineering Practice ²

INSTRUMENTATION AND CONTROL ENGINEERING

ELE1301	Computer Engineering
ELE1502	Electronic Circuits
ELE1801	Electrical Technology
ELE2103	Linear Systems and Control
ELE2303	Embedded Systems Design
ELE2504	Electronic Design and Analysis
ELE2601	Telecommunications Principles
ELE3105	Computer Controlled Systems
ELE3307	Real Time Systems
ELE3506	Electronic Measurement
ELE3803	Electrical Plant
ELE4109	Measurement Science & Instrument Engineering ⁴
ENG4004	Engineering Project and Operations Management
MEC1201	Engineering Materials
MEC2101	Thermodynamics
MEC2202	Manufacturing Processes
MEC3102	Fluid Mechanics
MEC4406	Robotics and Machine Vision

plus one elective**Electives**

CIV1501	Engineering Statics
ELE3107	Signal Processing
ELE3305	Computer Systems and Communications Protocols
ELE3804	Power System Protection
ELE3805	Power Electronics Principles and Applications
ELE3807	Power Systems Analysis
ENG8001	Engineering and Surveying Research Methodology
MEC3204	Production Engineering
MEC4103	Heat Transfer

Practice Courses

ELE1911	Electrical and Electronic Practice A
ELE2912	Electrical and Electronic Practice B
ELE3913	Computer Systems Engineering Practice
ELE3914	Electrical and Electronic Practice D
ENG1901	Engineering Practice 1
ENG3902	Professional Practice 1
ENG4903	Professional Practice 2 ³
ENG4909	Work Experience – Professional
MEC3905	Mechatronic Practice

MECHANICAL ENGINEERING

CIV1501	Engineering Statics
ELE1801	Electrical Technology
MEC1201	Engineering Materials
MEC2101	Thermodynamics
MEC2202	Manufacturing Processes
MEC2301	Design of Machine Elements
MEC2304	Solid Modelling
MEC2401	Dynamics I
MEC2402	Stress Analysis
MEC3102	Fluid Mechanics
MEC3203	Materials Technology
MEC3204	Production Engineering
MEC3302	Computational Mechanics in Design
MEC3303	System Design
MEC3403	Dynamics II
MEC4103	Heat Transfer

plus three electives**Electives**

AGR2302	Agricultural Machinery
CIV2503	Structural Design I
ELE2103	Linear Systems and Control
ELE3105	Computer Controlled Systems
ENG4004	Engineering Project and Operations Management
ENG8001	Engineering and Surveying Research Methodology
ENG8803	Mechanics and Technology of Fibre Composites
ENV4204	Environmental Technology
MEC4104	Energy Technology
MEC4406	Robotics and Machine Vision

Practice Courses

ENG1901	Engineering Practice 1
ENG3902	Professional Practice 1
ENG4903	Professional Practice 2 ³
ENG4909	Work Experience – Professional
MEC2901	Mechanical Practice 1
MEC2902	Mechanical Practice 2
MEC3903	Mechanical Practice 3
MEC3904	Mechanical Practice 4

MECHATRONIC ENGINEERING

CIV1501	Engineering Statics
ELE1301	Computer Engineering
ELE1502	Electronic Circuits
ELE1801	Electrical Technology
ELE2103	Linear Systems and Control
ELE2303	Embedded Systems Design
ELE2504	Electronic Design and Analysis
MEC1201	Engineering Materials
MEC2202	Manufacturing Processes
MEC2301	Design of Machine Elements
MEC2304	Solid Modelling
MEC2401	Dynamics I
MEC2402	Stress Analysis
MEC3302	Computational Mechanics in Design
MEC3303	System Design
MEC4406	Robotics and Machine Vision

plus **three** electives

Electives

ELE3105	Computer Controlled Systems
ELE3305	Computer Systems and Communications Protocols
ELE3506	Electronic Measurement
ENG4004	Engineering Project and Operations Management
ENG8001	Engineering and Surveying Research Methodology
MEC2101	Thermodynamics
MEC3102	Fluid Mechanics
MEC3203	Materials Technology
MEC3204	Production Engineering
MEC3403	Dynamics II
MEC4104	Energy Technology

Practice Courses

ELE1911	Electrical and Electronic Practice A
ENG1901	Engineering Practice 1
ENG3902	Professional Practice 1
ENG4903	Professional Practice 2 ³
ENG4909	Work Experience – Professional
MEC2901	Mechanical Practice 1
MEC2902	Mechanical Practice 2
MEC3905	Mechatronic Practice2

POWER ENGINEERING

ELE1301	Computer Engineering
ELE1502	Electronic Circuits
ELE1801	Electrical Technology
MEC1201	Engineering Materials
ELE2103	Linear Systems and Control
ELE2303	Embedded Systems Design
ELE2504	Electronic Design and Analysis
ELE3105	Computer Controlled Systems
ELE3305	Computer Systems and Communications Protocols
ELE3803	Electrical Plant
ELE3804	Power System Protection
ELE3805	Power Electronics Principles and Applications
ELE2704	Electricity Supply Systems
ELE3807	Power Systems Analysis
ENG4004	Engineering Project and Operations Management

plus **four** electives

Electives

CIV1501	Engineering Statics
CIV2403	Geology and Geomechanics
CIV2605	Construction Engineering
ELE3107	Signal Processing
ELE3307	Real Time Systems
ENV2201	Land Studies
GIS1401	Geographic Data Presentation
GIS1402	Geographic Information Systems
MEC2106	Introduction to Thermo-Fluids
MEC4104	Energy Technology

Practice Courses

ELE1911	Electrical and Electronic Practice A
ELE2912	Electrical and Electronic Practice B
ELE2913	Electrical and Electronic Practice C
ELE3914	Electrical and Electronic Practice D
ELE3915	Electrical and Electronic Practice E
ENG1901	Engineering Practice 1
ENG3902	Professional Practice 1
ENG4903	Professional Practice 2 ³
ENG4909	Work Experience – Professional

- 1 This course is only offered on-campus in odd-numbered years (2013, 2015 etc.).
- 2 On-campus students should enrol in the external mode.
- 3 Students need to enrol in ENG4909 Work Experience – Professional to record their relevant work experience.
- 4 Offered in odd-numbered years only (2013, 2015 etc.).
- 5 Offered in even-numbered years only (2012, 2014 etc.).

Combined degree programs

Bachelor of Engineering and Bachelor of Business (BEBB)

CRICOS code:	030308J
Units to complete:	40
Campus:	Toowoomba

Bachelor of Engineering and Bachelor of Information Technology (BEBT)

CRICOS code:	030304B
Units to complete:	40
Campus:	Toowoomba

Bachelor of Engineering and Bachelor of Science (BEBS)

CRICOS code:	034159G
Units to complete:	40
Campus:	Toowoomba



Spatial Science programs

Associate Degree of Spatial Science (ADSS)

CRICOS code	053510F
Units to complete	16
Duration	2 years
Start date	February, July
Campus	Toowoomba
Entry requirements	Minimum of IELTS 6.0 or equivalent (no component lower than 5.5) Year 12 Senior Certificate or equivalent from a recognised institution A-level Mathematics is also recommended
Program articulation	To: Bachelor of Spatial Science Technology; Bachelor of Spatial Science



Bachelor of Spatial Science Technology (BSST)

CRICOS code	053512D
Units to complete	24
Duration	3 years
Start date	February, July
Campus	Toowoomba
Entry requirements	Minimum of IELTS 6.0 or equivalent (no component lower than 5.5) Year 12 Senior Certificate or equivalent from a recognised institution A-level Mathematics is also recommended
Program articulation	From: Associate Degree of Spatial Science; To: Bachelor of Spatial Science; Master of Spatial Science Technology



Bachelor of Spatial Science (BSPS)

CRICOS code	053511E
Units to complete	32
Duration	4 years
Start date	February, July
Campus	Toowoomba
Entry requirements	Minimum of IELTS 6.0 or equivalent (no component lower than 5.5) Year 12 Senior Certificate or equivalent from a recognised institution A-level Mathematics is also recommended A-level Physics is also recommended
Program articulation	From: Associate Degree of Spatial Science; Bachelor of Spatial Science Technology; To: Master of Spatial Science Research; Master of Spatial Science Technology

Program focus

ASSOCIATE DEGREE OF SPATIAL SCIENCE

Geographic Information Systems

This major provides you with the technical skills required to work in the expanding area of Geographic Information Systems (GIS). During your studies you will undertake studies in surveying, land studies, spatial analysis and modelling, problem-solving, data visualisation and presentation, information management, photogrammetry, remote sensing and GIS. Coursework can be credited towards a Bachelor of Spatial Science Technology (GIS) or Bachelor of Spatial Science (GIS).

Surveying

Surveying associates often work as support staff to professional surveyors. The program is designed to ensure that you will possess a broad knowledge of surveying and a large variety of practical surveying skills. All coursework can be credited towards a Bachelor of Spatial Science Technology (Surveying), or Bachelor of Spatial Science (Surveying).

Urban and Regional Planning

Planning assistants work as support staff to professional planners and provide planning assistance in Government agencies. This program is designed to ensure that graduates possess a broad knowledge of planning processes and practical planning skills including the operation and requirements of planning schemes, geographic information systems, environmental assessment, and community consultation processes. All coursework can be credited towards a Bachelor of Spatial Science (Urban and Regional Planning).

BACHELOR OF SPATIAL SCIENCE TECHNOLOGY

Geographic Information Systems

This major provides you with the skills to analyse geographic data and help people with decision-making in a range of areas, such as engineering, planning, environmental science, commerce and surveying. During your studies you will undertake investigation into surveying, land studies, spatial analysis and modelling, town planning, data visualisation and presentation, information management, photogrammetry, remote sensing and geographical information systems.

Surveying

This program provides you with the opportunity to apply new and increasingly sophisticated computing technology to surveying and mapping projects. In addition to the core analytical and scientific skills, you will undertake studies in global positioning systems, digital mapping, mine surveying, property surveying and geographic information systems. The program provides you with a good mixture of practical and theoretical training in surveying and mapping.

BACHELOR OF SPATIAL SCIENCE

Geographic Information Systems

The program provides you with the educational requirements to become a professional spatial scientist and equips you with a core of basic theoretical, scientific, analytical, managerial, professional, research and communication skills that will permit you to undertake an in-depth study of the fundamental science and practice of Geographic Information Systems (GIS). Additionally, you will obtain knowledge of the natural, legal, commercial, industrial and social environments in which you will function as a professional.

Surveying

This program provides you with the knowledge to apply new technologies, such as the satellite-based Global Positioning System and Geographic Information Systems, to a broad range of surveying projects, including land development, mapping, engineering and mining. You will also gain the skills required to find unique solutions to problems – solutions that are expected to be both socially and environmentally responsible. Using advanced skills and knowledge acquired in analysis, measurement science and computing, you will complete surveying and spatial information projects. The Bachelor of Spatial Science may be awarded with honours for high-achieving students.

Urban and Regional Planning

This program provides students with the knowledge and skills required to design communities and assess the impact of development on other residents. Students will gain knowledge of the regulatory controls that facilitate sustainable urban development, environmental planning and natural resource management.

Professional accreditation

The Bachelor of Spatial Science Technology (Surveying) program is accredited by the Surveyors Board of Queensland and is recognised in every Australian state and in New Zealand through reciprocal arrangements. The degree, together with relevant industry experience, enables registration as a graduate surveyor with the Boards of Surveyors in Australia and New Zealand. The Spatial Science Institute has accredited both program majors and graduates are eligible for membership with the Surveying and Spatial Sciences Institute Australia. For more information, please visit: www.spatialsciences.org

Program structure

ASSOCIATE DEGREE OF SPATIAL SCIENCES

COURSES TO BE STUDIED	UNITS
1 x major (including electives)	16
<i>plus</i> 2–3 x practice courses (0 units value)	
TOTAL	16

BACHELOR OF SPATIAL SCIENCE TECHNOLOGY

COURSES TO BE STUDIED	UNITS
Courses from Associate Degree of Spatial Sciences	16
<i>plus</i> 8 x additional major courses (including electives)	8
<i>plus</i> 3–4 x practice courses (0 units value)	
TOTAL	24

BACHELOR OF SPATIAL SCIENCES

COURSES TO BE STUDIED	UNITS
Courses from Associate Degree of Spatial Sciences and Bachelor of Spatial Science Technology	24
<i>plus</i> 8 x additional major courses (including electives)	8
<i>plus</i> 5–6 x practice courses (0 units value)	
TOTAL	32

GEOGRAPHIC INFORMATION SYSTEMS

Associate Degree of Spatial Sciences

CSC1401	Foundation Programming
ENG1002	Introduction to Engineering and Spatial Science Applications
ENG1101	Introduction to Engineering Problem Solving
ENM1500	Introductory Engineering Mathematics ¹
ENV2201	Land Studies
GIS1401	Geographic Data Presentation
GIS1402	Geographic Information Systems
GIS3405	Spatial Analysis and Modelling
GIS3407	GIS Programming and Visualisation
SVY1102	Surveying A
SVY1110	Introduction to Global Positioning System
SVY3200	Land Administration
SVY3202	Photogrammetry and Remote Sensing
<i>plus</i>	three electives

Electives

ACC1101	Accounting for Decision-Making
AGR2301	Agricultural Science
CIV2701	Road Design and Location
ENG2002	Technology, Sustainability and Society ²
ENG2102	Engineering Problem Solving and Analysis
ENG3003	Engineering Management
GIS3406	Remote Sensing and Image Processing ²
GIS4407	Web Based Geographic Information System ²
ENM1600	Engineering Mathematics ^{1,2}
MKT1001	Introduction to Marketing
REN1201	Environmental Studies
SVY1104	Survey Computations A
URP3201	Sustainable Urban Design and Development ²
URP4203	Urban and Regional Planning ²

Practice courses

SVY1901	Surveying and Spatial Science Practice 1
SVY2902	Surveying and Spatial Science Practice 2

Bachelor of Spatial Science Technology

CIS2002	Database Design and Implementation
ENG2002	Technology, Sustainability and Society
ENG2102	Engineering Problem Solving and Analysis
ENM1600	Engineering Mathematics 1
GIS3406	Remote Sensing and Image Processing
GIS3407	GIS Programming and Visualisation
GIS4407	Web Based Geographic Information System
SVY4309	Practice Management for Spatial Scientists
URP3201	Sustainable Urban Design and Development
URP4203	Urban and Regional Planning

plus **three** electives

Electives

ACC1101	Accounting for Decision-Making ³
AGR2301	Agricultural Science
CIS3001	Object-Oriented Programming with Java
CIV2701	Road Design and Location
ENG3003	Engineering Management
ENV4204	Environmental Technology
LAW2107	Environmental Law ³
MAT1502	Engineering Mathematics 2
MGT1000	Organisational Behaviour
MKT1001	Introduction to Marketing
REN1201	Environmental Studies
REN3302	Sustainable Resource Use
SVY1104	Survey Computations A

Practice courses

SVY1901	Surveying and Spatial Science Practice 1
SVY2902	Surveying and Spatial Science Practice 2
SVY2903	Surveying and Spatial Science Practice 3

Bachelor of Spatial Sciences

ACC1101	Accounting for Decision-Making
CSC2402	Object-Oriented Programming in C++
CSC2406	Web Technology
ENG4111	Research Project Part 1 ^{4,5}
ENG4112	Research Project Part 2 ^{4,6}
LAW2107	Environmental Law

plus **four** electives

Electives

AGR2301	Agricultural Science
CIS3001	Object-Oriented Programming with Java
CIV2701	Road Design and Location
ENG3003	Engineering Management
ENV4204	Environmental Technology
LAW2107	Environmental Law
MAT1102	Algebra and Calculus I
MGT1000	Organisational Behaviour
MKT1001	Introduction to Marketing
REN1201	Environmental Studies
REN3302	Sustainable Resource Use
SVY1104	Survey Computations A

Practice courses

ENG3902	Professional Practice 1
ENG4903	Professional Practice 2
SVY1901	Surveying and Spatial Science Practice 1
SVY2902	Surveying and Spatial Science Practice 2
SVY2903	Surveying and Spatial Science Practice 3

SURVEYING

Associate Degree of Spatial Sciences

CIV2701	Road Design and Location
ENG1002	Introduction to Engineering and Spatial Science Applications
ENG1101	Introduction to Engineering Problem Solving
ENM1500	Introductory Engineering Mathematics ¹
GIS1401	Geographic Data Presentation
GIS1402	Geographic Information Systems
SVY1102	Surveying A
SVY1104	Survey Computations A
SVY1110	Introduction to Global Positioning System
SVY2106	Geodetic Surveying A
SVY2301	Automated Surveying Systems
SVY2302	Mine Surveying
SVY2303	Construction Surveying
SVY3304	Cadastral Surveying

plus **two** electives

Electives

CIV2605	Construction Engineering
ENG2102	Engineering Problem Solving and Analysis
ENG3003	Engineering Management
ENM1600	Engineering Mathematics
ENV2201	Land Studies
GIS3405	Spatial Analysis and Modelling
REN1201	Environmental Studies
SVY3107	Geodetic Surveying B
SVY3200	Land Administration
URP3201	Sustainable Urban Design and Development

Practice courses

SVY1901	Surveying and Spatial Science Practice 1
SVY2902	Surveying and Spatial Science Practice 2
SVY2903	Surveying and Spatial Science Practice 3

Bachelor of Spatial Science Technology

ENG2002	Technology, Sustainability and Society
ENG2102	Engineering Problem Solving and Analysis
ENM1600	Engineering Mathematics ²
ENV2201	Land Studies ²
SVY3107	Geodetic Surveying B ²
SVY3200	Land Administration ²
SVY3202	Photogrammetry and Remote Sensing ²
URP3201	Sustainable Urban Design and Development

plus **two** electives

Electives

ACC1101	Accounting for Decision-Making
CIV2605	Construction Engineering
CSC1401	Foundation Programming
ENV2103	Hydraulics I
ENV4204	Environmental Technology
MAT1502	Engineering Mathematics 2
GIS3405	Spatial Analysis and Modelling
GIS3406	Remote Sensing and Image Processing
GIS3407	GIS Programming and Visualisation
GIS4407	Web Based Geographic Information System
REN1201	Environmental Studies
SVY4304	Land and Cadastral Law
SVY4309	Practice Management for Spatial Scientists
URP4203	Urban and Regional Planning

Practice courses

SVY1901	Surveying and Spatial Science Practice 1
SVY2902	Surveying and Spatial Science Practice 2
SVY2903	Surveying and Spatial Science Practice 3
SVY3904	Surveying and Spatial Science Practice 4 ⁹

Bachelor of Spatial Sciences

CSC1401	Foundation Programming ³
ACC1101	Accounting for Decision-Making ³
ENG4111	Research Project Part 1 ^{4,5}
ENG4112	Research Project Part 2 ^{4,6}
SVY2105	Survey Computations B
SVY4304	Land and Cadastral Law ³
SVY4309	Practice Management for Spatial Scientists ³
URP4203	Urban and Regional Planning ³

plus **two** electives

Electives

CIV1501	Engineering Statics
CIV2605	Construction Engineering
CIV2702	Municipal Services
CIV3703	Transport Engineering
ENV2103	Hydraulics I
ENV4204	Environmental Technology
GIS3405	Spatial Analysis and Modelling
GIS3406	Remote Sensing and Image Processing
GIS3407	GIS Programming and Visualisation
GIS4407	Web Based Geographic Information System
LAW2107	Environmental Law
MAT1102	Algebra and Calculus I
MGT1000	Organisational Behaviour
REN1201	Environmental Studies
REN3302	Sustainable Resource Use

Practice courses

ENG3902	Professional Practice 1
ENG4903	Professional Practice 2
SVY1901	Surveying and Spatial Science Practice 1
SVY2902	Surveying and Spatial Science Practice 2
SVY2903	Surveying and Spatial Science Practice 3
SVY3904	Surveying and Spatial Science Practice 4 ⁹

URBAN AND REGIONAL PLANNING**Associate Degree of Spatial Sciences**

CMG1001	Introduction to Construction Management and the Built Environment
ENG1002	Introduction to Engineering and Spatial Science Applications
ENG1101	Introduction to Engineering Problem Solving
ENV2201	Land Studies
GIS1401	Geographic Data Presentation
GIS1402	Geographic Information Systems
LAW1101	Introduction to Law
PRL2002	Community Consultation and Development
SVY1102	Surveying A
SVY1110	Introduction to Global Positioning System
URP1001	Introduction to Urban and Regional Planning
URP2001	Planning Structures and Statutory Planning
URP2001	Local Government Planning Practice and Technology

plus **three** electives

Electives

ACC1101	Accounting for Decision-Making ²
CLI1110	Weather and Climate
ECO1000	Economics ²
ENG2102	Engineering Problem Solving and Analysis ²
GIS3405	Spatial Analysis and Modelling
GIS4407	Web Based Geographic Information System ²
LAW2107	Environmental Law
MGT1000	Organisational Behaviour
POL3013	Sustainability and Politics
SVY3200	Land Administration ²
SVY3202	Photogrammetry and Remote Sensing ²
URP3201	Sustainable Urban Design and Development ²

Practice courses

SVY1901	Surveying and Spatial Science Practice 1
SVY2902	Surveying and Spatial Science Practice 2

Bachelor of Spatial Sciences

ACC1101	Accounting for Decision-Making
ECO1000	Economics
ECO2000	Macroeconomics for Business and Government
ENG2102	Engineering Problem Solving and Analysis
ENG4111	Research Project Part 1 ^{4,5}
ENG4112	Research Project Part 2 ^{4,6}
GIS4407	Web Based Geographic Information System
REN3302	Sustainable Resource Use
STA3100	Evaluating Information
SVY3200	Land Administration
SVY3202	Photogrammetry and Remote Sensing
SVY4309	Practice Management for Spatial Scientists
URP2002	Local Government Planning Practice and Technology
URP3201	Sustainable Urban Design and Development
URP4001	Movement Network Planning
URP4203	Urban and Regional Planning

plus **four** electives

Electives

AGR3304	Soil Science
ANT1001	Introductory Anthropology
ANT3006	Indigenous Peoples and the Nation State
CLI1110	Weather and Climate
CLI3301	Climate and Environment Risk Assessment
CLI3302	Adaptation to Climate Change
ECO3030	Sustainable Economies
GIS3405	Spatial Analysis and Modelling
GIS3406	Remote Sensing and Image Processing
LAW2107	Environmental Law
MGT8070	Property Development
MGT1000	Organisational Behaviour
POL3013	Sustainability and Politics
PRL3003	Public Sector and Public Service Communication
SVY4304	Land and Cadastral Law

Practice courses

SVY1901	Surveying and Spatial Science Practice 1 ⁷
SVY2902	Surveying and Spatial Science Practice 2 ⁷
SVY2903	Surveying and Spatial Science Practice 3 ⁷
ENG3902	Professional Practice 1
ENG4903	Professional Practice 2

- 1 Students who achieve a high level in Year 12 Mathematics, or an equivalent mathematics program, may be eligible to replace the study of ENG1500 Engineering Fundamentals with MAT1500 Engineering Mathematics 1. Please refer to the notes in the General Information – Undergraduate Program section of the Faculty's entry in this Handbook.
- 2 Although these courses are electives in the ADSS they are compulsory courses the BSST and BSPS programs.
- 3 Although these courses are electives in the BSST they are compulsory courses the BSPS program.
- 4 It is recommended that these courses are undertaken in the same academic year.
- 5 It is recommended that students in the Bachelor of Spatial Science should have completed ENG3902 prior to undertaking this course.
- 6 It is recommended that students in the Bachelor of Spatial Science should also be enrolled in ENG4903 while undertaking this course.
- 7 On-campus students should enrol in the external offering of this course.



As my goal is to become a successful engineer, I chose to come to USQ as it has a good quality program in Agricultural Engineering. I have taken some English language courses to further improve my English and this has been one of the most enjoyable parts of my USQ experience.

SOMA RASUL

MASTER OF ENGINEERING SCIENCE

COUNTRY OF ORIGIN: IRAQ

Postgraduate Engineering and Spatial Science

Engineering program pathways

GRADUATE CERTIFICATE IN
ENGINEERING SCIENCE [GCNS]



GRADUATE DIPLOMA OF
ENGINEERING SCIENCE [GDNS]



MASTER OF ENGINEERING SCIENCE [MENS]

GRADUATE CERTIFICATE IN
ENGINEERING TECHNOLOGY [GCEN]



MASTER OF ENGINEERING TECHNOLOGY
[METC]

Spatial Science pathways

GRADUATE CERTIFICATE IN
SPATIAL SCIENCE TECHNOLOGY [GCST]



GRADUATE DIPLOMA OF SPATIAL SCIENCE
TECHNOLOGY [GDST]



MASTER OF SPATIAL SCIENCE TECHNOLOGY
[MSST]



Graduate Certificate in Engineering Science (GCNS)

CRICOS code	067687K
Units to complete	4
Duration	0.5 year
Start date	February, July
Campus	Toowoomba
Entry requirements	Minimum of IELTS 6.5 or equivalent (no component lower than 6.0) 3-year degree in the relevant specialisation or equivalent <i>or</i> An appropriate 3 or 4-year engineering degree in a non-related specialisation or equivalent
Program articulation	To: Graduate Diploma of Engineering Science



Graduate Diploma of Engineering Science (GDNS)

CRICOS code	067688J
Units to complete	8
Duration	1 year
Start date	February, July
Campus	Toowoomba
Entry requirements	Minimum of IELTS 6.5 or equivalent (no component lower than 6.0) 3-year degree in engineering or spatial science, or equivalent <i>or</i> An appropriate 3 or 4-year engineering degree in another unrelated field, or equivalent
Program articulation	From: Graduate Certificate in Engineering Science; To: Master of Engineering Science



Master of Engineering Science (MENS)

CRICOS code	067689G
Units to complete	16
Duration	2 years
Start date	February, July
Campus	Toowoomba
Entry requirements	Minimum of IELTS 6.5 or equivalent (no component lower than 6.0) 3-year degree in engineering or spatial science, or equivalent <i>or</i> An appropriate engineering degree in a non-related specialisation, or equivalent
Program articulation	From: Graduate Certificate in Engineering Science; Graduate Diploma of Engineering Science

Program focus

GRADUATE CERTIFICATE (GCNS)/GRADUATE DIPLOMA (GDNS)

The Graduate Certificate in Engineering Science and the Graduate Diploma of Engineering Science are tailored to provide an exit point from the Master of Engineering Science program that will enable you as a domestic student to achieve different career goals without having to complete the entire masters or the program. The programs, through a specialised suite of technical courses, will equip you with academic, personal, professional, and technical knowledge of engineering and spatial science that will allow you to support practising professionals.

MASTER ENGINEERING SCIENCE (MENS)

The Master of Engineering Science is tailored to provide a broad knowledge of engineering and spatial science through a specialised suite of technical courses in nine different majors. The program is designed to provide an academic pathway to professional engineering for you if you are a qualified engineering technologist, or if you have a bachelor degree in a field allied to engineering. This program will also provide you with a pathway to professional registration as practising engineers in Australia.

Professional accreditation

MASTER OF ENGINEERING SCIENCE (MENS)

This program has provisional accreditation by Engineers Australia and graduates are eligible for Graduate membership at the Professional Engineer level.

Program structure

GRADUATE CERTIFICATE IN ENGINEERING SCIENCE (GCNS)

COURSES TO BE STUDIED	UNITS
Core course	1
<i>plus</i> major courses	3
TOTAL	4

GRADUATE DIPLOMA OF ENGINEERING SCIENCE

COURSES TO BE STUDIED	UNITS
Core courses	3
<i>plus</i> major courses	5
<i>plus</i> 2 x practice courses	
TOTAL	8

MASTER OF ENGINEERING SCIENCE

COURSES TO BE STUDIED	UNITS
7 x core courses	8
<i>plus</i> major courses	6
<i>plus</i> 2 x elective ¹	2
<i>plus</i> 5 x practice courses ^{1,2}	
TOTAL	16

CORE COURSES

GRADUATE CERTIFICATE IN ENGINEERING SCIENCE (GCNS)

ENG5001 Professional Skills in Engineering

GRADUATE DIPLOMA OF ENGINEERING SCIENCE (GDNS)

CGNS core course

plus

ENG3103 Engineering Problem Solving Computations

MAT2500 Engineering Mathematics 3

MASTER OF ENGINEERING SCIENCE (MENS)

GDNS core courses

plus

ENG4104 Engineering Problem Solving Simulations

ENG8001 Engineering and Surveying Research Methodology

ENG8411 Research Project and Dissertation Part A

ENG8412 Research Project and Dissertation Part B³

MAJORS

Agricultural Engineering⁴

ENG3103 Engineering Problem Solving Computations⁵

ENV3104 Hydraulics II

AGR3305 Precision and Smart Technologies in Agriculture

ENV5205 Solid and Liquid Waste Treatment¹

AGR4305 Agricultural Soil Mechanics

AGR3303 Agricultural Materials and Post-Harvest Technologies

ENV4106 Irrigation Science

Civil Engineering⁴

CIV3403 Geotechnical Engineering

CIV3505 Structural Analysis

CIV3506 Concrete Structures

CIV4508 Structural Design II

CIV5704 Road and Street Engineering

ENG3103 Engineering Problem Solving Computations⁵

ENV3104 Hydraulics II

Electrical and Electronic Engineering

ELE4605 Fields and Waves

ELE3107 Signal Processing

ELE3105 Computer Controlled Systems⁵

ELE3305 Computer Systems and Communications Protocols

ELE4606 Communication Systems

ENG4104 Engineering Problem Solving Simulations⁷

ENG8001 Engineering and Surveying Research Methodology⁷

ENG8101 Technological Impact and its Management⁸

ENG8104 Asset Management in an Engineering Environment⁹

ELE4607 Advanced Digital Communications^{10,9}

Environmental Engineering

AGR3304 Soil Science

ENG3103 Engineering Problem Solving Computations⁵

ENV3104 Hydraulics II

ENV4107 Water Resources Engineering

ENV4203 Public Health Engineering

ENV4204 Environmental Technology

ENV5205 Solid and Liquid Waste Treatment⁶

ENG4104 Engineering Problem Solving Simulations⁷

ENG8001 Engineering and Surveying Research Methodology⁷

Geographical Information Systems

ENG3103 Engineering Problem Solving Computations⁵

GIS3405 Spatial Analysis and Modelling

GIS3406 Remote Sensing and Image Processing

SVY4203 Urban and Regional Planning¹¹

SVY3202 Photogrammetry and Remote Sensing

GIS4407 Web Based Geographic Information System

ENG4104 Engineering Problem Solving Simulations⁷

ENG8001 Engineering and Surveying Research Methodology⁷

ENG8101 Technological Impact and its Management⁸

ENG8101 Technological Impact and its Management⁸

ENG8103 Management of Technological Risk⁹

Mechanical Engineering

ENG3103 Engineering Problem Solving Computations⁵

ENG4104 Engineering Problem Solving Simulations

MEC3102 Fluid Mechanics

MEC3302 Computational Mechanics in Design

MEC3303 System Design

MEC3403 Dynamics II

ENG8001 Engineering and Surveying Research Methodology⁷

ENG8103 Management of Technological Risk⁸

MEC4104 Energy Technology⁷

ENG8104 Asset Management in an Engineering Environment⁹

Power Engineering

ENG3103 Engineering Problem Solving Computations⁵

ELE3305 Computer Systems and Communications Protocols¹¹

ELE3307 Real Time Systems⁵

ELE3803 Electrical Plant

ELE3805 Power Electronics Principles and Applications

ELE3807 Power Systems Analysis

ENG4104 Engineering Problem Solving Simulations⁷

ENG8001 Engineering and Surveying Research Methodology⁷

ENG8104 Asset Management in an Engineering Environment⁸

ENG8103 Management of Technological Risk⁹

Structural Engineering

CIV3403 Geotechnical Engineering

CIV3505 Structural Analysis

CIV3506 Concrete Structures

CIV4508 Structural Design II

ENG3103 Engineering Problem Solving Computations⁵

ENG8802 Advanced Prestressed Concrete¹²

ENG8803 Mechanics and Technology of Fibre Composites

ENG4104 Engineering Problem Solving Simulations⁷

ENG8001 Engineering and Surveying Research Methodology⁷

Surveying

ENG3103 Engineering Problem Solving Computations⁵

SVY3202 Photogrammetry and Remote Sensing¹¹

SVY2105 Survey Computations B

SVY4203 Urban and Regional Planning¹¹

SVY3107 Geodetic Surveying B

SVY3304 Cadastral Surveying

ENG4104 Engineering Problem Solving Simulations⁷

ENG8001 Engineering and Surveying Research Methodology⁷

ENG8104 Asset Management in an Engineering Environment⁸

ENG8103 Management of Technological Risk⁹

SVY3201 Sustainable Urban Design and Development⁹

1 Elective and practice courses differ for each major. For specific course listings, please visit the handbook at:

www.usq.edu.au/handbook

2 Zero units value.

3 Two units.

4 This major is only available through the GCNS and the MENS.

5 Only available as part of the GCNS.

6 This course is not offered in the on-campus mode. On-campus students should enrol in the external mode of this course.

7 Only available as part of the GDNS.

8 Only available as part of the GDNS and MENS.

9 Only available as part of the MENS.

10 Only offered in even-numbered years.

11 Only available as part of the GCNS and GDNS.

12 Only offered in odd-numbered years.

Graduate Certificate in Engineering Technology (GCEN)

CRICOS code	030323K
Units to complete	4
Duration	0.5 year
Start date	February, July
Campus	Toowoomba
Entry requirements	<p>Minimum of IELTS 6.5 or equivalent (no component lower than 6.0)</p> <p>3-year degree in engineering, science or technology in the same field of study as their proposed major study</p> <p>or</p> <p>4-year degree in engineering, from a recognised college or university</p>
Program articulation	To: Master of Engineering Technology



Master of Engineering Technology (METC)

CRICOS code	066846G
Units to complete	12
Duration	1.5 years
Start date	February, July
Campus	Toowoomba
Entry requirements	<p>Minimum of IELTS 6.5 or equivalent (no component lower than 6.0)</p> <p>3-year degree in engineering, science or technology in the same field of study as their proposed major study</p> <p>or</p> <p>4-year degree in engineering, from a recognised college or university.</p>
Program articulation	From: Graduate Certificate in Engineering Technology

Program focus

GRADUATE CERTIFICATE IN ENGINEERING TECHNOLOGY (GCEN)

This four-unit Graduate Certificate program is appropriate if you wish to extend your knowledge in a specific area of engineering.

MASTER OF ENGINEERING TECHNOLOGY (METC)

This program is appropriate for you if you wish to extend your knowledge of a specific area of engineering. The masters program also includes provision for you to evaluate information critically, and to select and apply an appropriate methodology to a particular research problem.

The masters program builds on the Graduate Certificate and allows you to take either an Engineering Technology Studies pathway (12 coursework units) or undertake a project and prepare a dissertation (eight coursework units and a four-unit research project).

Students who complete only four units of coursework will be eligible for the award of Graduate Certificate in Engineering Technology. Students who complete the 12 units of coursework in the Engineering Technology Studies pathway and students who complete the dissertation will be eligible for the award of Master of Engineering Technology.

Program structure

GRADUATE CERTIFICATE IN ENGINEERING TECHNOLOGY (GCEN)

COURSES TO BE STUDIED	UNITS
4 x courses from 1 x METC major	4
TOTAL	4

MASTER OF ENGINEERING TECHNOLOGY (METC)

COURSES TO BE STUDIED	UNITS
Courses from GCEN	4
<i>plus</i> METC core course	1
<i>plus</i> 3 x METC major courses	3
<i>plus</i> Engineering Technology studies path ¹ or project and dissertation path ¹	4
TOTAL	12

METC CORE COURSE

ENG8001 Engineering and Surveying Research Methodology

METC MAJORS

Agricultural Engineering

AGR3303 Agricultural Materials and Post-Harvest Technologies
 AGR3304 Soil Science
 AGR3305 Precision and Smart Technologies in Agriculture
 AGR4305 Agricultural Soil Mechanics
 ENV3104 Hydraulics II
 ENV3105 Hydrology
 ENV4106 Irrigation Science
 ENV4107 Water Resources Engineering
 MAT2500 Engineering Mathematics 3
 MEC3303 System Design
 MEC3302 Computational Mechanics in Design
 MEC4406 Robotics and Machine Vision

Civil Infrastructure Engineering

CIV3403 Geotechnical Engineering
 CIV3505 Structural Analysis
 CIV3506 Concrete Structures
 CIV4508 Structural Design II
 CIV5704 Road and Street Engineering
 ENV3104 Hydraulics II
 ENV3105 Hydrology
 ENV4107 Water Resources Engineering
 ENV5205 Solid and Liquid Waste Treatment¹
 MAT2500 Engineering Mathematics 3
 ENG8806 Port Planning⁴

Computer Systems and Telecommunications Engineering

ELE2601 Telecommunications Principles
 ELE2303 Embedded Systems Design
 ELE3305 Computer Systems and Communications Protocols
 ELE4607 Advanced Digital Communications²
 CSC8415 Computer Network Programming
 CSC8407 Wireless and Internet Technology
 ELE3107 Signal Processing
 ELE3307 Real Time Systems
 ELE3506 Electronic Measurement
 ELE4606 Communication Systems
 MEC4406 Robotics and Machine Vision⁵

Environmental Engineering

AGR3304 Soil Science
 CIV3403 Geotechnical Engineering
 ENV3104 Hydraulics II
 ENV4204 Environmental Technology
 ENV3105 Hydrology
 ENV4106 Irrigation Science
 ENV4107 Water Resources Engineering
 ENV4203 Public Health Engineering
 ENV5205 Solid and Liquid Waste Treatment¹
 SVY4203 Urban and Regional Planning

Mechanical Engineering

ELE2103 Linear Systems and Control
 MEC3102 Fluid Mechanics
 MEC3302 Computational Mechanics in Design
 MEC4103 Heat Transfer
 MEC3203 Materials Technology
 MEC4104 Energy Technology
 MEC2401 Dynamics I
 MEC3204 Production Engineering
 MEC3303 System Design
 MEC3403 Dynamics II

Mechatronic Engineering

ELE2303 Embedded Systems Design
 ELE3105 Computer Controlled Systems
 ELE3305 Computer Systems and Communications Protocols
 MEC3203 Materials Technology
 MEC3302 Computational Mechanics in Design
 ELE3506 Electronic Measurement
 MEC3204 Production Engineering
 MEC3303 System Design
 ELE2103 Linear Systems and Control
 MEC4406 Robotics and Machine Vision⁵

Power Systems Engineering

ELE3803 Electrical Plant
 ENG3003 Engineering Management
 ELE3807 Power Systems Analysis
 ENV2201 Land Studies
 ECO8010 Corporations and Sustainable Development
 MGT8015 Corporate Occupational Health and Safety
 ELE3805 Power Electronics Principles and Applications
 ELE2704 Electricity Supply Systems
 ENG4004 Engineering Project and Operations Management
 ELE3506 Electronic Measurement
 ELE3107 Signal Processing

Structural Engineering

CIV3403 Geotechnical Engineering
 CIV3505 Structural Analysis
 CIV3506 Concrete Structures
 CIV3603 Construction Methods
 CIV4508 Structural Design II
 ENG3103 Engineering Problem Solving Computations
 ENG8802 Advanced Prestressed Concrete
 ENG8803 Mechanics and Technology of Fibre Composites
 MAT2500 Engineering Mathematics 3
 MEC2401 Dynamics I

Technology Management⁶

ENG8011 Assessment of Future Specialist Technology
 ENG8101 Technological Impact and its Management
 ENG8104 Asset Management in an Engineering Environment
 CIS8000 Global Information Systems Strategy
 ENG8103 Management of Technological Risk
 ENG8205 Technology Management Practice
 ENG8207 Technological Innovation and Development

Transdisciplinary Engineering

Elective courses from Engineering, Science or Technology³

ENGINEERING TECHNOLOGY STUDIES PATH

ENG8101 Technological Impact and its Management
 ENG8103 Management of Technological Risk
 ENG8104 Asset Management in an Engineering Environment
 ENG8205 Technology Management Practice

PROJECT AND DISSERTATION PATH

ENG8002 Project and Dissertation^{7,8}

- 1 Available externally only.
- 2 Only offered in even-numbered years.
- 3 Approved by Program Coordinator.
- 4 Only available through the METC.
- 5 Only available through the GCEN.
- 6 In the METC, those undertaking the Technology Management major will study four electives if they choose the Engineering Technology studies path.
- 7 Four units.
- 8 Permission to enrol in this course must be obtained from the Associate Dean [Research].

Spatial Science Postgraduate

Graduate Certificate in Spatial Science Technology (GCST)

CRICOS code	066078K
Units to complete	4
Duration	0.5 year
Start date	February, July
Campus	Toowoomba
Entry requirements	Minimum of IELTS 6.5 or equivalent (no component lower than 6.0) 3 or 4-year undergraduate degree in an approved discipline
Program articulation	To: Graduate Diploma of Spatial Science Technology; Master of Spatial Science Technology

Program focus

If you already hold an undergraduate qualification in another field, this four-unit program is intended to enable you to develop or extend your knowledge in either surveying or geographic information systems.

Program structure

COURSES TO BE STUDIED	UNITS
1 x major	4
TOTAL	4

Majors

GEOGRAPHIC INFORMATION SYSTEMS

GIS1402	Geographic Information Systems
GIS3404	Geographic Data Visualisation
<i>plus two of the following:</i>	
CSC1401	Foundation Programming
ENV2201	Land Studies
GIS3405	Spatial Analysis and Modelling
GIS3406	Remote Sensing and Image Processing
GIS4407	Web Based Geographic Information System
SVY1110	Introduction to Global Positioning System
SVY3200	Land Administration
SVY3202	Photogrammetry and Remote Sensing
SVY4309	Practice Management for Spatial Scientists
SVY4203	Urban and Regional Planning

SURVEYING

SVY1104	Survey Computations A
SVY2106	Geodetic Surveying A
<i>plus two of the following:</i>	
SVY3200	Land Administration
SVY1110	Introduction to Global Positioning System
SVY2105	Survey Computations B
SVY2301	Automated Surveying Systems
SVY2302	Mine Surveying
SVY2303	Construction Surveying
SVY3304	Cadastral Surveying
SVY4203	Urban and Regional Planning
SVY3107	Geodetic Surveying B
SVY3201	Sustainable Urban Design and Development
SVY3202	Photogrammetry and Remote Sensing
SVY4304	Land and Cadastral Law
SVY4309	Practice Management for Spatial Scientists

Graduate Diploma of Spatial Science Technology (GDST)

CRICOS code	072982E
Units to complete	8
Duration	1 year
Start date	February, July
Campus	Toowoomba
Entry requirements	Minimum of IELTS 6.5 or equivalent (no component lower than 6.0) 3 or 4-year degree, or equivalent, in an approved discipline
Program articulation	From: Graduate Certificate in Spatial Science Technology; To: Master of Spatial Science Technology

Program focus

The program is intended to enable students who already hold an undergraduate qualification in another field to develop or extend their knowledge in either surveying or in geographic information systems. The Graduate Diploma program is designed for those wishing to build competencies across a broader discipline area, than the Graduate Certificate in Spatial Science Technology.

Program structure

COURSES TO BE STUDIED	UNITS
1 x major	8
TOTAL	8

Majors

GEOGRAPHIC INFORMATION SYSTEMS

GIS1402	Geographic Information Systems
GIS3404	Geographic Data Visualisation
GIS3405	Spatial Analysis and Modelling
SVY3202	Photogrammetry and Remote Sensing
<i>Select four</i> from the following: ¹	
CIS2002	Database Design and Implementation
CSC1401	Foundation Programming
CSC2402	Object-Oriented Programming in C++
ENV2201	Land Studies
GIS3406	Remote Sensing and Image Processing
GIS4407	Web Based Geographic Information System
REN3302	Sustainable Resource Use
SVY1110	Introduction to Global Positioning System
SVY3200	Land Administration
SVY4203	Urban and Regional Planning
SVY4309	Practice Management for Spatial Scientists

SURVEYING MAJOR

SVY2106	Geodetic Surveying A
SVY1104	Survey Computations A
SVY2105	Survey Computations B
SVY3107	Geodetic Surveying B
<i>Select four</i> from the following: ¹	
CIV2701	Road Design and Location
ENV2201	Land Studies
SVY2301	Automated Surveying Systems
SVY3202	Photogrammetry and Remote Sensing
SVY1110	Introduction to Global Positioning System
SVY3201	Sustainable Urban Design and Development
SVY4304	Land and Cadastral Law
SVY3200	Land Administration
SVY4203	Urban and Regional Planning
SVY2302	Mine Surveying
SVY4309	Practice Management for Spatial Scientists
SVY3304	Cadastral Surveying
SVY2303	Construction Surveying

¹ Choice of courses needs approval of the Postgraduate Program Coordinator.

Master of Spatial Science Technology (MSST)

CRICOS code 062730G

Units to complete 12

Duration 1.5 years

Start date February, July

Campus Toowoomba

Entry requirements Minimum of IELTS 6.5 or equivalent (no component lower than 6.0)

3 or 4-year undergraduate degree, or equivalent, in an approved discipline

Program articulation From: Graduate Diploma of Spatial Science Technology; Graduate Certificate in Spatial Science Technology

Program focus

This postgraduate degree produces graduates who are skilled in spatial science investigations, evaluation and synthesis. It allows you to enhance your knowledge of a particular surveying or spatial science information discipline area for application, research or management purposes.

Program structure

COURSES TO BE STUDIED	UNITS
Group A courses	4
<i>plus</i> Group B courses	3
<i>plus</i> Group C courses	5
TOTAL	12

Majors

GEOGRAPHIC INFORMATION SYSTEMS

Group A Courses¹

Select four from the following:

GIS1402	Geographic Information Systems
GIS3404	Geographic Data Visualisation
GIS3405	Spatial Analysis and Modelling
GIS3406	Remote Sensing and Image Processing
GIS4407	Web Based Geographic Information System
SVY3202	Photogrammetry and Remote Sensing
SVY1110	Introduction to Global Position System

Group B Courses

plus three from the following:

CIS8000	Global Information Systems Strategy
CIS8010	Information Systems Project Management
ENG8101	Technological Impact and its Management
ENG8103	Management of Technological Risk
ENG8104	Asset Management in an Engineering Environment
ENV4204	Environmental Technology
LAW2107	Environmental Law
SVY3200	Land Administration
SVY3201	Sustainable Urban Design and Development
SVY4203	Urban and Regional Planning
SVY4309	Practice Management for Spatial Scientists

Group C Courses

ENG8001	Engineering and Surveying Research Methodology ²
ENG8002	Project and Dissertation

SURVEYING

Group A Courses

Select **four** from the following:

SVY1110	Introduction to Global Positioning System
SVY1104	Survey Computations A
SVY2105	Survey Computations B
SVY2106	Geodetic Surveying A
SVY3107	Geodetic Surveying B
SVY3202	Photogrammetry and Remote Sensing
SVY3304	Cadastral Surveying

Group B Courses

plus **three** from the following:

EC08012	Tools and Techniques for Sustainable Development
ENG8101	Technological Impact and its Management
ENG8103	Management of Technological Risk
ENG8104	Asset Management in an Engineering Environment
SVY3200	Land Administration
SVY3201	Sustainable Urban Design and Development
SVY4203	Urban and Regional Planning
SVY4304	Land and Cadastral Law
SVY4309	Practice Management for Spatial Scientists

Group C Courses

ENG8001	Engineering and Surveying Research Methodology
ENG8002	Project and Dissertation ²

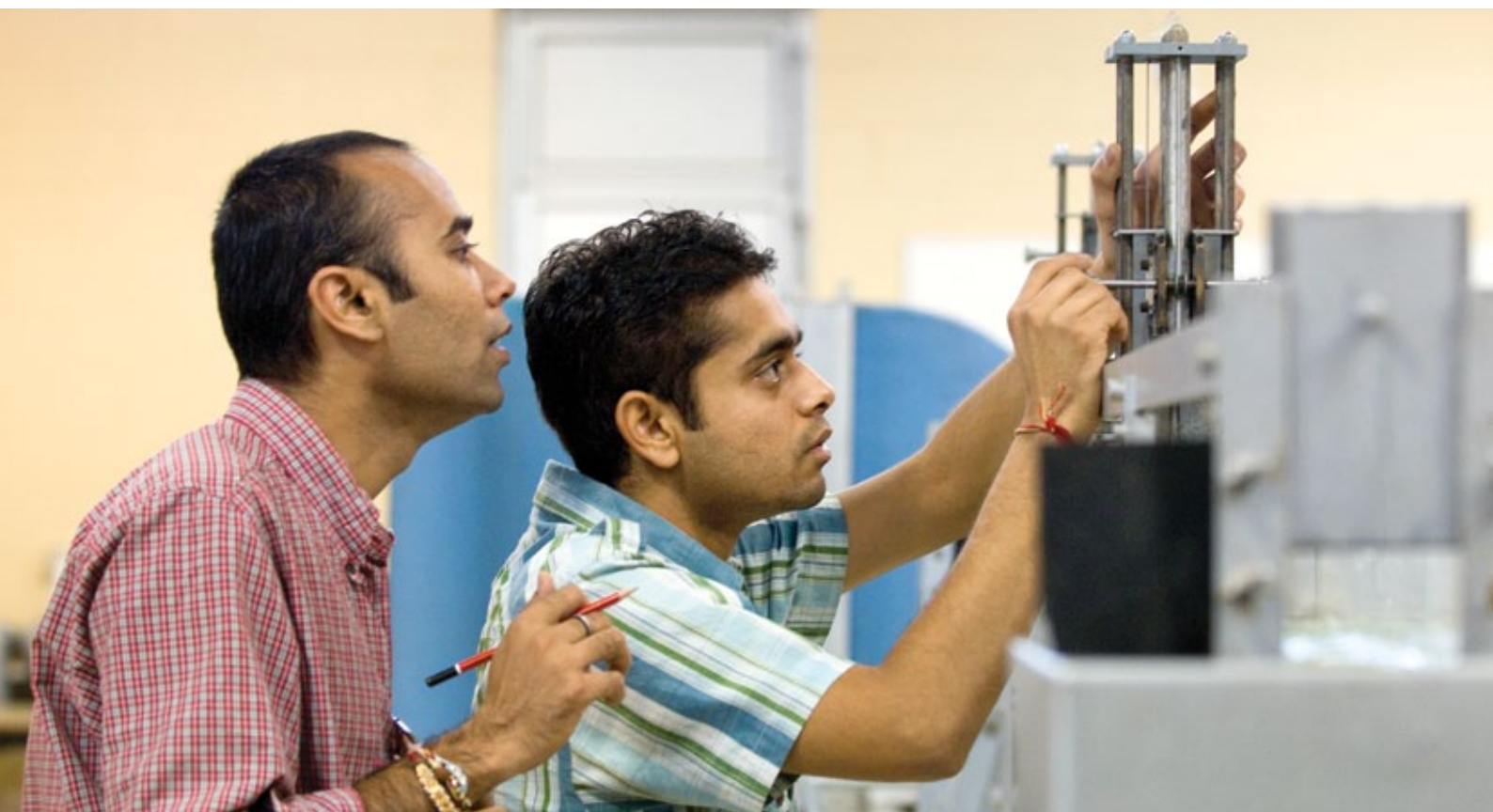
- 1 A student with previous undergraduate degree in the spatial sciences may opt to select fewer courses in Group A than required (and thus will need more courses from Group B), upon approval by the Postgraduate Program Coordinator.
- 2 Four units.

Other postgraduate Engineering and Spatial Science programs

For additional on-campus postgraduate Engineering and Spatial Science programs, please refer to the following:

RESEARCH

- Master of Engineering Research on page 141.
- Master of Spatial Science Research on page 142.
- Doctor of Philosophy on page 139.



Undergraduate Health

■ Bachelor of Health (BHEA)

CRICOS code: 075197F

Units to complete: 24

Duration: 3 years full-time

Start date: February

Campus: Fraser Coast¹, Toowoomba

Entry requirements: Minimum of IELTS 6.0 or equivalent (no component lower than 5.5)

Year 12 Senior Certificate or equivalent from a recognised institution

A-level mathematics

A-level biological science, chemistry, physics or multi-strand science or equivalent

NOTE

Due to on-campus requirements for sponsored students this program is not available.

NOTE

For clinical placements there are mandatory clinical requirements, including immunisation, CPR certificates and Police checks.

Program focus

BIOMEDICAL SCIENCE

If you are interested in a career which uses the application of biology in a medical context, then the Biomedical Science major in the Bachelor of Health (BHEA) may be just the program for you. As a biomedical scientist, you will be able to provide scientific support and research for medicine and support industries related to medicine, such as pharmaceutical and diagnostic companies. You will also develop a knowledge-base and the skills that will custom fit you for a career in medical research, pathology services, public health laboratories, diagnostic and pharmaceutical industries. You will have a broad education which allows diversification after graduation, including seeking placement into professional programs, such as medicine, pharmacy, veterinary science, dentistry, optometry, physiotherapy and occupational therapy.

LABORATORY MEDICINE

The Laboratory Medicine major in the Bachelor of Health (BHEA) aims to provide you with education and training for a career as a medical scientist in the private and public pathology laboratory sectors. This degree will also provide you with training for a career as a biomedical scientist with a research capability and/or a biomedical science support role. If you need flexibility in your program, all theory courses will be available online with a number of courses being offered in dual mode, that is, on-campus and by distance education. You will gain practical experience through structured placement in a pathology laboratory and/or by attendance at residential schools.

Program structure

BIOMEDICAL SCIENCE

COURSES TO BE STUDIED	UNITS
Core courses	20
<i>plus</i> 4 x Electives	4
TOTAL	24

LABORATORY MEDICINE

COURSES TO BE STUDIED	UNITS
Core courses	24
<i>plus</i> 52 days of clinical experience	
TOTAL	24

CORE COURSES

Biomedical Science

BI01101	Biology 1 ^{2,4}
BI01103	Pathology Studies
BI01104	Medical Microbiology and Immunology 1 ⁴
BI01204	Introduction to Biomedical Sciences
BI02106	Medical Microbiology and Immunology 2
BI02201	Biochemistry 1
BI02203	Human Physiology
BI02207	Genetics
BI02209	Cell Biology
BI02213	Pharmacology
BI03206	Medical Microbiology and Immunology 3
BI03301	Biochemistry 2
BI03309	Molecular Biology
BI03313	Human Physiology and Pharmacology in Disease 1
BI03323	Human Physiology and Pharmacology in Disease 2
CHE1110	Chemistry 1 ²
CHE2120	Chemistry 2 ²
CMS1100	Communicating in the Sciences
STA2300	Data Analysis
BI01203	Human Anatomy and Physiology
	or BI01205 Pathology Clinical Placement 1
<i>plus</i>	four Electives ³

Laboratory Medicine

BI01101	Biology 1 ^{2,4}
BI01103	Pathology Studies
BI01104	Medical Microbiology and Immunology 1 ^{2,4}
BI01204	Introduction to Biomedical Sciences
BI01205	Pathology Clinical Placement 1 ⁵
BI02105	Pathology Clinical Placement 2 ⁵
BI02106	Medical Microbiology and Immunology 2
BI02107	Cell & Molecular Biology 1
BI02108	Haematology 1
BI02214	Pathology Clinical Placement 3 ⁵
BI02215	Clinical Biochemistry 1
BI02216	Histopathology 1
BI02217	Transfusion Science
BI03105	Pathology Clinical Placement 4 ⁵
BI03106	Pathology Residential School 1 ⁶
BI03107	Haematology 2
BI03108	Histopathology 2
BI03206	Medical Microbiology and Immunology 3
BI03207	Cell & Molecular Biology 2
BI03208	Pathology Residential School 2 ⁶
BI03215	Clinical Biochemistry 2
CHE1110	Chemistry 1 ⁴
CHE2120	Chemistry 2 ⁴
STA2300	Data Analysis

- 1 Please note that some first year courses are available on-campus at Fraser Coast in the Biomedical Science major. Please check www.usq.edu.au/handbook for more details.
- 2 If studied externally, residential school attendance on-campus in Toowoomba is compulsory.
- 3 If students do not have the recommended Mathematics B level for entry then it is recommended that they undertake MAT1000 as an elective.
- 4 Each of these courses has a two-day residential school. Candidates with evidence of Recognised Prior Learning (RPL) may seek exemption from some courses and/or residential schools in the first year of the program.
- 5 Current employees of pathology service providers with a minimum of two years full-time or equivalent relevant technical experience may seek exemption from Pathology Clinical Placements courses 1 to 4 on the basis of approved industrial experience. This requires attendance at a pathology clinic. However, for candidates to be eligible for the award of Bachelor of Health (BHEA) and who are seeking course credits by exemption must satisfactorily complete a minimum of eight courses of the BHEA.
- 6 Requires attendance at USQ for the residential school.



■ Bachelor of Nursing (BNUR)

CRICOS code	059707M
Units to complete	24
Clinical experience	840 hours
Duration	3 years
Start date	February, July
Campus	Fraser Coast, Toowoomba
Entry requirements	Minimum of IELTS 6.5 or equivalent (no component lower than 6.0) Year 12 Senior Certificate or equivalent from a recognised institution A-level biology, chemistry, physics or multi-strand science and mathematics is recommended
	NOTE For clinical placements there are mandatory clinical requirements, including immunisation, CPR certificates and Police checks.
Exemptions	Enrolled nurses, Indigenous health care workers and students with prior degrees may apply for exemptions. For further information, please visit: www.usq.edu.au/handbook

Program focus

This degree prepares you for the nursing profession as a registered nurse through a combination of coursework, clinical simulation in well-resourced on-campus nursing laboratories and quality clinical experience in a wide variety of health care settings. Almost 50 percent of the program is devoted to clinical practice within simulated on-campus labs or in settings, such as large general hospitals, psychiatric hospitals, smaller country hospitals, aged care settings, community health services, specialty clinics and rehabilitation centres. This program offers practical skills in addition to a comprehensive theoretical body of knowledge and the development of a full range of clinical and interpersonal skills needed to function as an effective practitioner.

CLINICAL PLACEMENT

In undertaking this program, you will satisfactorily complete 840 hours of clinical experience as an assessment component of your clinical courses. This occurs in a variety of settings, both within the Toowoomba and Fraser Coast Health Districts, as well as in rural and remote settings. Clinical experience may incur your own personal expenses and will involve shift work and weekend work.

FLEXIBLE DELIVERY

The on-campus component of the Bachelor of Nursing is delivered with a timetable that allows you to blend your commitments. A proposed option (pending accreditation by the Nursing and Midwifery Board of Australia) is that for those of you who meet distance eligibility criteria, you may be able to undertake the Bachelor of Nursing by attending residential schools instead of weekly on-campus offerings.

Program structure

COURSES TO BE STUDIED	UNITS
Core courses	24
<i>plus</i> on-campus labs and workshops and 840 hours of clinical experience	
TOTAL	24

CORE COURSES

BIO1203	Human Anatomy and Physiology
CMS1008	Building Professional Nursing Attributes A ¹
MAT1008	Building Professional Nursing Attributes B ¹
NSC1500	Biophysical Sciences in Nursing
NSC2500	Pharmacology and Pathophysiology for Nurses
NUR1099	Professional Nursing for Older People
NUR1120	Social Determinants of Health
NUR1140	Responsible Nursing Practice
NUR1200	Concepts in Patient Care
NUR2000	Medications: Theory and Practice
NUR2100	Episodes of Nursing Practice
NUR2199	Clinical AA Situated Practice ²
NUR2200	Mental Health Nursing Care
NUR2300	Research Methods for Nursing
NUR2400	Nursing Models of Care
NUR2499	Clinical B: Nursing Care in Context ³
NUR2800	Simulated Nursing
NUR3010	Rehabilitation in Community Settings
NUR3020	Transition to Professional Practice
NUR3030	Indigenous Health and Cross Cultural Care
NUR3099	Clinical D: Nursing for Communities ³
NUR3120	Nurses as Leaders in Health Care Settings
NUR3200	Managing Complex Care
NUR3499	Clinical E: The Beginning Practitioner ³
NUR3599	Clinical C: Nursing Care for Mental Health ³

- 1 This course is worth 0.5 units.
- 2 This course is full clinical which is facilitated for four weeks.
- 3 Quotas exist for clinical courses. Enrolment in Semester 3 clinical courses is with permission only and preferences is given to students finishing with the Accelerated Progression.

■ Bachelor of Psychology in Business (BPSB)

CRICOS code 059204A

Units to complete 24

Duration 3 years

Start date February, July

Campus Springfield

Entry requirements Minimum of IELTS 6.0 or equivalent (no component lower than 5.5)

Year 12 Senior Certificate or equivalent from a recognised institution

Program focus

This program is ideal if you wish to develop a strong interdisciplinary knowledge-base in the areas of both psychology and business. This program offers you the opportunity to complete introductory and advanced-level courses in both psychology and human resource management, with the principal focus upon the role of psychology in business. One of the main benefits that you will receive from this combination is a strengthened appreciation of the connections between psychological principles and the management of human resources.

Program structure

COURSES TO BE STUDIED	UNITS
Core course	1
<i>plus</i> 13 x Psychology courses	13
<i>plus</i> 8 x Business courses	8
<i>plus</i> 2 x electives ¹	2
TOTAL	24

CORE COURSE

STA2300 Data Analysis

PSYCHOLOGY COURSES

PSY1010 Foundation Psychology A
 PSY1020 Foundation Psychology B
 PSY1030 Cross-Cultural and Indigenous Psychology
 PSY1101 Critical Thinking
 PSY1102 Interpersonal Skills
 PSY2010 Social Processes of Behaviour
 PSY2020 Motivation and Emotion
 PSY2050 Facilitation and Negotiation
 PSY2100 Research Methods in Psychology A
 PSY3050 Counselling Psychology
 PSY3101 Career Assessment and Development
 PSY3730 Industrial and Organisational Psychology
 PSY4090 Psychology Complementary Studies B

BUSINESS COURSES

MGT1000 Organisational Behaviour
 MGT1001 Foundations of Human Resource Management
 MGT2000 Staffing and Remuneration
 MGT2001 Management of Workplace Health and Safety
 MGT2002 Managing Organisations
 MGT2004 People Development
 MGT2006 Employment Relations
 MGT3002 Leading Organisational Change
*plus two electives*¹

¹ Must be Business or Psychology courses.



■ Bachelor of Psychology (Honours) (BPSH)

CRICOS code 062647C

Units to complete 32

Duration 4 years

Start date February, July

Campus Springfield

Entry requirements Minimum of IELTS 6.0 or equivalent (no component lower than 5.5)

Year 12 Senior Certificate or equivalent from a recognised institution

Program focus

This program is ideal if you wish to work as a psychologist. Throughout your degree you will study the scientific processes by which human behaviour is developed, manifested and modified. From the outset until the conclusion of your study, you will be involved in research projects in a developmental fashion, working in both group and individual research projects. Professional and work-ready skills are developed both internally through professional skills courses and externally through participation in Work Integrated Learning activities where you will work with psychologists and other professionals working in community or government organisations. Whilst similar to the Bachelor of Science (Psychology) and Bachelor of Science (Honours) (Psychology) in many respects, this program has more of a community and professional focus, and if you are accepted into the program you do not have to compete for entry into an honours program, provided that you maintain appropriate levels of academic performance throughout the first three years of study.

Program structure

COURSES TO BE STUDIED	UNITS
Core courses	30
<i>plus</i> 2 x Psychology electives	2
TOTAL	32

CORE COURSES

PSY1010	Foundation Psychology A
PSY1020	Foundation Psychology B
PSY1030	Cross-Cultural and Indigenous Psychology
PSY1101	Critical Thinking
PSY1102	Interpersonal Skills
PSY1104	Psychological Skills A
PSY1105	Psychological Skills B
PSY2010	Social Processes of Behaviour
PSY2020	Motivation and Emotion
PSY2030	Developmental Psychology
PSY2040	Human Information Processing
PSY2050	Facilitation and Negotiation
PSY2100	Research Methods in Psychology A
PSY2104	Psychological Skills C
PSY2105	Psychological Skills D
PSY3010	Assessment of Behaviour
PSY3030	Abnormal Behaviour
PSY3050	Counselling Psychology
PSY3104	Psychological Skills E
PSY3105	Psychological Skills F
PSY3111	Research Methods in Psychology B
PSY4001	Psychology Honours Project 1 ¹
PSY4002	Psychology Honours Project 2 ¹
PSY4020	Ethical and Professional Practice
PSY4030	Skills and Issues in Counselling
PSY4065	Positive Psychology: Theory and Application
PSY4070	Advanced Assessment
PSY4111	Multivariate Analysis
STA2300	Data Analysis

PSYCHOLOGY ELECTIVES

Select **two** from the following:

PSY3080	Human Factors ²
PSY3101	Career Assessment and Development ²
PSY3110	Clinical Health Psychology
PSY3120	History and Systems of Psychology ²
PSY3250	Sport Psychology ²
PSY3730	Industrial and Organisational Psychology

¹ 1.5 units.

² This course must be taken via distance education.

■ Bachelor of Biomedical Science (Honours) (BBMH)

CRICOS code 059203B

Units to complete 8

Duration 1 year

Start date February, July

Campus Toowoomba

Entry requirements Minimum of IELTS 6.0 or equivalent (no component lower than 5.5)
3-year Bachelor of Biomedical Science/Bachelor of Science (Biomedical Science) Degree or equivalent from a recognised institution with a minimum GPA of 5.0

Program focus

The Bachelor of Biomedical Science (Honours) gives you the opportunity to extend your knowledge and skills in a range of research areas within biomedical sciences. You will have the opportunity to conduct and report on a research project under the supervision of a staff member with the appropriate expertise. The program will also provide you with an appreciation of the professional standards required of the practising biomedical scientist, and the ethical

challenges presented by modern science and technology. You will participate in research teams, be introduced to advanced experimental and literature research methods and have opportunities to make contact with the wider scientific community in the local region, elsewhere in Australia and overseas.

Program structure

COURSES TO BE STUDIED	UNITS
Core courses	8 ¹
TOTAL	8

CORE COURSES

SCI4401	Science Honours Project A ^{2,3}
SCI4402	Science Honours Project B ^{2,3}
SCI4403	Special Study in Science ²
SCI4405	Research Practice and Ethics

- 1 This program comprises of four courses with a total value of eight units.
- 2 Students must consult the Program Coordinator on the selection of an appropriate project, and a suitable specialist topic for SCI4403.
- 3 This course is worth three units.

Other undergraduate Health programs

For additional Health programs, please refer to the following:

- Bachelor of Science (Psychology) on page 129.
- Bachelor of Science (Honours) (Psychology) on page 133.



Postgraduate Health

Graduate Diploma of Psychological Studies (GDPS)

CRICOS code 030311C

Units to complete 8

Duration 1 year

Start date February¹

Campus Toowoomba

Entry requirements Minimum of IELTS 6.5 or equivalent (no component lower than 6.0)

3-year bachelor degree or equivalent

Have completed the pre-requisite courses listed below (or their equivalent elsewhere) within the last five years prior to commencing the program:

PSY1010 Foundation Psychology A

PSY1020 Foundation Psychology B

PSY1030 Cross-Cultural and Indigenous Psychology

Program focus

This program will assist graduates of non-psychology programs to fulfil the Australian Psychology Accreditation Council (APAC) requirements relating to three-year undergraduate training. Graduates of the program will be eligible to apply for entry to fourth-year programs at USQ and other Australian universities. Entry into the Bachelor of Science (Honours) is competitive and not automatic.

Professional accreditation

This Graduate Diploma is accredited by the Australian Psychology Accreditation Council (APAC) as providing the equivalent of a major in psychology.

Program structure

COURSES TO BE STUDIED	UNITS
Core courses	7
<i>plus</i> 1 x elective	1
TOTAL	8

CORE COURSES

PSY2020	Motivation and Emotion
PSY2030	Developmental Psychology
PSY2040	Human Information Processing
PSY2100	Research Methods in Psychology A
PSY3010	Assessment of Behaviour
PSY3030	Abnormal Behaviour
PSY3111	Research Methods in Psychology B ²

ELECTIVES

PSY3050	Counselling Psychology ³
or	PSY3110 Clinical Health Psychology ⁴

- 1 International on-campus students are not able to enrol for Semester 2 intake due to visa requirements.
- 2 PSY2100 must be completed before enrolling in PSY3111.
- 3 Students who do NOT have a counselling background should enrol in PSY3050
- 4 Students who DO have a counselling background should enrol in PSY3110



Postgraduate Diploma of Professional Psychology (PDPP)

CRICOS code	075024E
Units to complete	8
Duration	1 year
Start date	February
Campus	Springfield
Entry requirements	<p>Minimum of IELTS 7.0 or equivalent (no component lower than 7.0)</p> <p>Completed an Australian Psychology Accreditation Council (APAC)-accredited four-year sequence in psychology within the last 10 years</p> <p>Be eligible for provisional registration as a psychologist with the Psychology Board of Australia</p> <p>Provide two satisfactory referee reports</p> <p>Be assessed in a face-to-face or via teleconferencing interview with a panel of departmental staff.</p>

Program focus

The Postgraduate Diploma of Professional Psychology (PDPP) has been developed to meet the needs of psychologists wishing to complete professional registration requirements under the 5+1 model, which involves one year of full-time university study at the postgraduate level followed by one year of supervised practice in the workplace to be eligible for registration requirements.

Professional accreditation

The PDPP will seek accreditation by the Australian Psychology Accreditation Council (APAC) as a fifth-year program in psychology.

Graduates will be eligible to apply for general registration with the Psychology Board of Australia after a further one year of full-time supervised practice.

Graduates will also be able to apply for full membership to the Australian Psychological Society after a period of supervised practice.

Program structure

COURSES TO BE STUDIED	UNITS
Core courses	5
<i>plus</i> 1 x elective	1
<i>plus</i> 2 x practical experience courses	2
TOTAL	8

CORE COURSES¹

PSY8010	Issues and Skills in Professional Practice
PSY8040	Individual Assessment
PSY8045	Clinical Assessment and Intervention I
PSY5050	Research Methods for Practitioners
PSY5060	Practice Across the Lifespan

ELECTIVES

PSY5030	Introduction to Psychoactive Drugs
<i>or</i>	PSY5040 Relapse Prevention

PRACTICAL EXPERIENCE COURSES

PSY8130	Practicum 1 ²
PSY8140	Practicum 2 ²

- All courses are offered as on-campus Saturday workshops.
- Students are required to accrue a minimum of 300 hours of practical experience with an additional minimum of 40 hours of supervision from a registered psychologist.

Master of Psychology (Clinical) (MPCL)

CRICOS code 056705D

Units to complete 16

Duration 2 years

Start date February

Campus Toowoomba

Entry requirements Minimum of IELTS 7.0 or equivalent (no component lower than 7.0)

Demonstrate achievement of a minimum of Second Class Honours Division A in an Australian Psychology Accreditation Council (APAC)-accredited four-year honours program or equivalent

Provide two satisfactory referee reports indicating the applicant's abilities to successfully undertake the professional and research components of the program

Be assessed in an interview with a panel of departmental staff as having the interpersonal skills required for professional coursework.

NOTE

Before commencing the program, students must have general registration with probationary conditions, or full registration from the Psychologists Board of Queensland.

Program focus

The Master of Psychology (Clinical) has been developed to meet the needs of psychologists wishing to specialise in Clinical Psychology. The aim of the program, therefore, is to provide advanced training in psychological assessment, clinical intervention and a range of professional skills within a scientist-practitioner framework.

Professional accreditation

Graduates may:

- apply for general registration with the Psychology Board of Australia after a period of supervised practice
- apply for full membership to the Australian Psychological Society after a period of supervised practice
- apply for admission to the College of Clinical Psychology of the Australian Psychological Society after a period of supervised practice.

Program structure

COURSES TO BE STUDIED	UNITS
Core courses	16
TOTAL	16

CORE COURSES

PSY8010	Issues and Skills in Professional Practice
PSY8020	Advanced Research Techniques
PSY8040	Individual Assessment
PSY8045	Clinical Assessment and Intervention I
PSY8050	Clinical Assessment and Intervention II
PSY8060	Health Psychology
PSY8065	Adult Psychopathology
PSY8071	Child and Adolescent Psychopathology
PSY8130	Practicum 1 ¹
PSY8140	Practicum 2 ¹
PSY8151	Masters Practicum 3 ^{1,2}
PSY8160	Psychology Masters Project A
PSY8170	Psychology Masters Project B ³

1 Students are required to accrue a minimum of 1000 hours of practicum experience, including at least 180 hours of supervision from a registered psychologist who is a member of the Australian Psychological Society Clinical College.

2 Two units.

3 Three units.

Other postgraduate Health programs

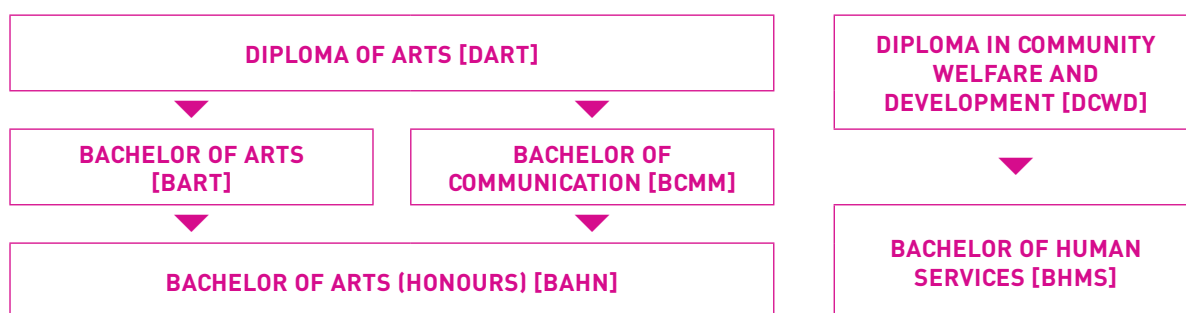
For additional postgraduate Health programs, please refer to the following:

- Graduate Certificate in Science on page 136.
- Master of Science on page 138.

RESEARCH

- Master of Science (Research) on page 143.
- Doctor of Philosophy on page 139.

Undergraduate Humanities and Communication



■ Diploma of Arts (DART)

CRICOS code	045302C
Units to complete	8
Duration	1 year
Start Date	February, July
Campus	Toowoomba, Fraser Coast ¹
Entry requirements	Minimum of IELTS 6.0 or equivalent (no component lower than 5.5) Year 12 Senior Certificate or equivalent from a recognised institution Students seeking to enrol in Music, Theatre or Visual Arts courses must pass the relevant audition/portfolio requirements

BACHELOR OF ARTS (BART)

The intellectual challenge and critical thinking skills developed by a study of arts has equipped our greatest thinkers, philosophers and policy makers for generations. The Bachelor of Arts (BART) program at USQ provides you with a broad-reaching plan of study, with options for you to specialise in two or three areas of study within Communications, Creative Arts, Humanities and International Relations, as well as optional and elective study choices from dozens of additional fields of study. Building on core studies in a range of academic skills, the BART offers you a flexible study pattern across several skill and knowledge-bases, while also allowing you to gain substantial progress toward career paths within specific disciplinary or professional fields. As a graduate of the BART, you should be able to apply both intellectual and practical skills to further study, research, and employment in a wide range of careers.

■ Bachelor of Arts (BART)

CRICOS code	009258A
Units to complete	24
Duration	3 years full-time
Start Date	February, July
Campus	Toowoomba, Springfield
Entry requirements	Minimum of IELTS 6.0 or equivalent (no component lower than 5.5) Year 12 Senior Certificate or equivalent from a recognised institution Students seeking to enrol in creative media, music, theatre or visual arts courses must pass the relevant audition/portfolio/interview requirements

Program focus

DIPLOMA OF ARTS (DART)

With a variety of study areas, the Diploma of Arts will give you an introduction to studying with arts. Completing this program will give you a basic qualification and enable you to transfer credits or exemptions towards a range of more specialised programs.

NOTE

Nursing and teaching practice courses are not available in this degree.

12-UNIT INTERDISCIPLINARY MAJORS

Archaeology

The Archaeology major provides you with an in-depth perspective on the past, as well as practical archaeological training, including field methods and laboratory analysis. As this major is hands-on, there is a compulsory residential school for some course offerings, giving you the chance to get real-life experience. The Archaeology major combines Anthropology and History courses and selected archaeological field methods courses from our partner institutions.

Australian Studies

This interdisciplinary major provides you with a broad perspective on issues linked to the Australian continent and its populations, its history and culture, its Indigenous peoples and its place in the modern global world. Drawing on diverse fields of study, including anthropology, communications and media studies, drama, English literature, history, Indigenous studies, international relations, and music, the major will equip you with the tools you need to address contemporary cultural and social issues of national importance, in terms of both national, regional and global contexts.

Contemporary International Studies

This interdisciplinary major looks at Australia's place in the international and the contemporary world. As you progress through the program, you will see how it draws on courses from history, international relations, languages, cultural studies and politics to provide a broad perspective on contemporary issues in our world today. You are encouraged to consider spending a semester studying abroad as part of this major.

Popular Culture

This interdisciplinary major allows you to study the various elements that formed and which make up popular culture today. You will be exposed to relevant courses from across the Faculty of Arts, from areas as diverse as creative arts, media studies, journalism, literature and history. If you are considering a career as a secondary teacher or as a worker in the media industry, you will find the combination of courses in this major will be particularly useful to your prospective career.

Writing and Society

This innovative interdisciplinary major allows you to study a diverse yet interconnected range of courses, all of which focus in some way on writing and its social dimensions. You are able to choose between and to combine writing in different forms, such as creative writing, writing for the media and public relations, editing and publishing, journalism and newly evolving media, such as webpages and blogs, all of which will be studied in a context of contemporary history, culture and literature.

8-UNIT MAJORS

Anthropology

This major provides you with understanding and insight into the nature of human behaviour and how people live and work together in various kinds of social groups. The study of Anthropology helps you learn to understand the physical and cultural similarities and differences between people.

Asian Studies

In this major, you will study an Asian language and its culture, and combine this with theoretical perspectives that apply to Asian institutional structures, policy frameworks, political systems and ideologies, economies and security regimes. You will also study the complexities of cross-cultural interaction and issues.

Communication and Media Studies

This major combines the study of human communication theory with the development of human communication skills. You will analyse the areas of language, film, television and culture, while learning about interpersonal, group and mass communication, and communication in multicultural societies. You will develop an understanding of communication problems in society by examining communication processes at all levels.

Creative Media

This major focuses on providing you with a creative environment to pursue your interest in the artistic use of computer driven digital technologies, with a focus on conceptualising, designing and applying self-generated projects sustained upon a firm technological base and professional application. You will work in the field, in the television studio, sound studios and design and computer labs to realise your projects.

English Literature

English has one of the longest and richest traditions of writing, and the English literature major offers a structured view of this large body of knowledge. The study of English literature also develops your skills in forming critical arguments, conducting research, and documenting evidence. Study in this area encourages you to be analytical and to develop a clear and expressive writing style in a range of modes. In completing this program, you will examine both the great texts and innovative and contemporary works of poetry, prose, drama, film, new media and critical essays.

German Language

See Language and Culture.

History

If you have an inquiring mind, this major provides just the challenge that you are after. The study of history is not unlike that of forensic science; you examine clues, assess the reliability of witnesses and seek out the reasons and truth behind an event. As a historian, you will have a unique insight into what events have happened and why. Through completion of this major, you will examine world civilisations, historic and contemporary Australia, race relations in Australian history, European and American history, and the 20th century.

Indigenous Studies

The major gives you an understanding of Australian Indigenous perspectives and ways of thinking, and allows you the opportunity to see the value and contribution of Indigenous Australians to contemporary Australian society. If you are also interested in studying nursing, education, anthropology or journalism, this major will be of particular interest to you.

Indonesian Language

In studying this major, you will develop formal and informal communication skills in the Indonesian language, learn grammar and language structures, and acquire a vocabulary of some 4500 commonly used words. Your skills for conversation, reading and writing will also be developed by learning about the language and culture through such mediums as contemporary Indonesian literature, popular newspapers and magazines. You don't need any prior knowledge of the language to succeed in studying this major.

International Relations

This major is designed to strengthen your understanding of Australian domestic and external affairs. As an international relations student, you will have the opportunity to examine a range of theoretical perspectives, including institutional structures, policy frameworks, political systems and ideologies, economies and security regimes in various regions. You will also study the complexities of cross-cultural interaction and issues, which will be developed analytically through issue-based, problem-solving approaches.

Journalism

This major prepares you for a career in journalism or a related field by giving you skills in reporting, writing, editing, designing and producing for the Web, television, radio, newspapers and magazines. You will acquire a wide range of knowledge and skills across multiple media, and with a focus on hands-on experience, you will be given the skills to work in the 21st century's digital newsrooms. You are also encouraged to link with industry by undertaking internships as journalists.

Language and Culture (German and Mandarin Chinese)

The Language and Culture major offers you the choice of studying either German or Mandarin Chinese. This major will equip you for the challenges and opportunities of global citizenship in the 21st century, teaching competencies in both language and cultural knowledge. This major will use your experience of language learning as a gateway into the broader study of German and Chinese history, politics, culture, traditions, customs and national identities. Language and Culture teaches foreign language skills as a means for you to acquire an enhanced cross-cultural awareness and to prepare you effectively for the real-life possibility of studying and living abroad.

Mandarin Chinese Language

See Language and Culture.

Music (Theory And History)

Studying the Music major, you will undertake several survey courses in music history and repertoires, including both classical and popular Western traditions and courses in both aural and written musicianship, including song-writing and harmony.

Public Relations

With this major you will gain the skills and knowledge to review communication policies within an organisation and develop and implement communication programs and strategies. This major will also equip you with skills required in the industry, such as creating public relations campaigns and improving organisation, public and media relations. This major will help you identify communication problems of organisations through appropriate research and strategic planning.

Theatre Theory

As a student of the Theatre major, you will study the history of theatre and its repertoires, and also examine the role of theatre in observing, mirroring and altering its cultural context.

Visual Arts Theory

In studying the Visual Arts Theory major, you will be introduced to the social, cultural, historical and philosophical issues affecting studio practice and its reception.

Program structure

DART

COURSES TO BE STUDIED	UNITS
Core courses	1
<i>plus</i> 2 x units from first discipline area	2
<i>plus</i> 2 x units from second discipline area	2
<i>plus</i> 2 x units from third discipline area	2
<i>plus</i> 1 x elective	1
TOTAL	8

BART

COURSES TO BE STUDIED	UNITS
Core courses	4
<i>plus</i> 2 x 8-unit majors	
<i>plus</i> 1 x 4-unit minor <i>or</i> 4 x electives	
<i>or</i> 1 x 8-unit major	
<i>plus</i> 1 x 12-unit interdisciplinary major	
<i>or</i> 1 x 12-unit interdisciplinary major	
<i>plus</i> 2 x 4-unit minor <i>or</i> 1 x 4-unit minor <i>plus</i> 4 x electives <i>or</i> 8 x electives ²	20
<i>or</i> 1 x 8-unit major	
<i>plus</i> 3 x 4-unit minors <i>or</i> another grouping of minors and electives	
TOTAL	24

CORE COURSES

DART

CMS1000 Communication and Scholarship^{3,4}
or CMS1009 Communication in Academic and Professional Contexts^{3,4,5}

BART

CMS1000 Communication and Scholarship
EDC2200 Indigenous Perspectives
HMT1000 History of Western Ideas
HMT2000 Ethical Issues and Human Rights

MAJORS

DART

Students may enrol in any seven courses for which they have met any pre-requisite requirements. However, where students wish to progress to full-degree programs, it is strongly recommended that they select courses from at least two–three different majors (i.e. discipline area) in order to ensure a smooth progression to degree programs. Students may choose to complete a major by taking seven units of study in the one discipline, but this will normally require completion of the program over more than one year of study. Such completed majors will be noted on the diploma testamur.

BART**12-UNIT INTERDISCIPLINARY MAJOR COURSES****Archaeology T**

ANT1000 World Archaeology: An Introduction

HIS1000 World Civilisations to 1500CE

plus two from the following:

ANT1001 Introductory Anthropology

HIS1001 Introduction to Australian History

HIS1003 World History Since 1500CE

plus eight from the following:ANT2004 The Anthropology of Power and Conflict⁶

ANT2007 Ethnographic Methods: Making Anthropology

ANT3000 Archaeology of Indigenous Australia

ANT3001 Anthropology of Order: Making Sense⁷ANT3006 Indigenous Peoples and the Nation State⁶

ARPA343 Archaeological Field Methods (UNE course)

HIS2001 Race Relations in Australian History

HIS2005 Europe: History of an Idea

KNL2001 Indigenous Knowledge and Australian Heritage

Australian Studies T

ENL1001 Australian Stories

HIS1001 Introduction to Australian History

plus seven from the following:

ANT1001 Introductory Anthropology

CMS2017 Australian Television

HIS2000 Contemporary Australia

HIS2001 Race Relations in Australian History

KNL1001 Indigenous Cultural Identity

KNL1002 Torres Strait Islander Studies

KNL2001 Indigenous Knowledge and Australian Heritage

POL1000 Government, Business and Society

THE2005 Australian Drama

plus three from the following:ANT3000 Archaeology of Indigenous Australia⁷

ENL3005 The Australian Novel 1975–2010

INR3000 Australian Foreign Relations

KNL3001 Indigenous Australian Cultures and Communities

MUI3007 Music in Australia

Contemporary International Studies T*Select four* from the following:

HIS1003 World History Since 1500CE

INR1000 International Relations in a Globalizing Era

INR1001 Global Transitions and Human Security

POL1000 Government, Business and Society

IND1000 Indonesian 1A

or LAC1001 Language Survival Skills

IND2000 Indonesian 1B

or LAC1002 Language, Peoples and Places*plus eight* from the following:

HIS2005 Europe: History of an Idea

HIS3002 The Twentieth Century⁷HIS3003 Contemporary America⁶HIS3004 Approaches To History⁹

INR2000 Issues in a Globalizing World

INR2002 Contemporary Issues in Asia

INR3000 Australian Foreign Relations

INR3002 Nationalism and Revolution in Southeast Asia⁶INR3003 War and Terrorism: Introduction to Strategic Studies⁷

INR3004 Change in Contemporary China

POL2000 Political and Economic Ideas

POL2001 Politics and International Business

POL3013 Sustainability and Politics

IND2021 Intermediate Indonesian A

or LAC2001 Language, Culture and Custom

IND2022 Intermediate Indonesian B

or LAC2002 Language, History and IdentityHMT3001 Independent Study Project A⁸*or* HMT3002 Independent Study Project B⁸**Popular Culture T***Select four* from the following:

CMS1010 Introduction to Communication Studies

CMS1012 Introduction to Media Studies

ENL1000 Introduction to Literature

ENL1001 Australian Stories

JRN1000 Journalism Practice

MEA1004 Cinematic Language

plus six from the following:

CMS2017 Australian Television

CMS2018 Audience and Industry¹⁰

CMS2019 Global Hollywood

ENL2003 The Art of Storytelling

JRN2010 News Literacy

MUI2006 Introduction to Popular Music

THE2002 Community and Political Theatre

VSA2000 Perspectives in Contemporary Art

plus two from the following:

CMS3013 New Media

ENL3005 The Australian Novel 1975–2010

HIS3003 Contemporary America⁶

Writing and Society T

Select **two** from the following:

- CMS1010 Introduction to Communication Studies
- ENL1000 Introduction to Literature
- HIS1001 Introduction to Australian History
- JRN1000 Journalism Practice
- PRL1002 Principles and Practice of Public Relations

plus **two** from the following:

- CWR1000 Creative Writing 1
- ENL1001 Australian Stories
- JRN2010 News Literacy

plus **two** from the following:

- CMS2017 Australian Television
- CWR2001 Creative Writing 2
- JRN2001 Publication Layout and Design
- MEA2000 Scriptwriting
- PRL2003 Writing for Public Relations

plus **two** from the following:

- CWR2002 Creative Writing 3
- ENL2003 The Art of Storytelling
- HIS2000 Contemporary Australia
- JRN2003 Feature Writing
- JRN2006 Media Law and Ethics

plus **four** from the following:

- BCA3000 BCA Project A
- BCA3001 BCA Project B
- BCA3002 Arts Business Practice
- CMS2022 Communication and Power
- CMS3001 Global Conflict Communication
- CMS3013 New Media
- ENL3005 The Australian Novel 1975–2010
- THE2005 Australian Drama¹⁴

8-UNIT MAJOR COURSES

Anthropology T

- ANT1000 World Archaeology: An Introduction
- ANT1001 Introductory Anthropology
- ANT2002 Anthropology of Illness and Health⁷
- ANT2004 The Anthropology of Power and Conflict⁶
- ANT2005 Anthropology of Religion and Belief: Practices, Contexts, Diversity⁶
- ANT2007 Ethnographic Methods: Making Anthropology
- ANT3000 Archaeology of Indigenous Australia⁷
- ANT3001 Anthropology of Order: Making Sense⁷
- ANT3006 Indigenous Peoples and the Nation State⁶

Asian Studies T

- INR2002 Contemporary Issues in Asia
- INR3002 Nationalism and Revolution in Southeast Asia⁶
- INR3004 Change in Contemporary China
- HMT3001 Independent Study Project A
or HMT3002 Independent Study Project B
- IND1000 Indonesian 1A
or LAC1001 Language Survival Skills
- IND2000 Indonesian 1B
or LAC1002 Language, Peoples and Places
- IND2021 Intermediate Indonesian A
or LAC2001 Language, Culture and Custom
- IND2022 Intermediate Indonesian B
or LAC2002 Language, History and Identity

Communication and Media Studies T

- CMS1010 Introduction to Communication Studies¹⁰
- CMS1012 Introduction to Media Studies
- CMS2017 Australian Television
- CMS2018 Audience and Industry¹⁰
- CMS2019 Global Hollywood
- CMS2022 Communication and Power
- CMS3001 Global Conflict Communication
- CMS3013 New Media

Creative Media T

- BCA3000 BCA Project A
- BCA3001 BCA Project B
- MEA1000 Elements of Multimedia
- MEA1001 Single Camera Production
- MEA1002 Creative Editing
- MEA1004 Cinematic Language
- MEA2000 Scriptwriting
- MEA2001 Location Sound and Image

English Literature T

- ENL1000 Introduction to Literature
- ENL1001 Australian Stories
- ENL2002 Romanticism
- ENL2003 The Art of Storytelling
- ENL3000 Modern Literature
- ENL3004 The Literary Canon: How to Read Great Books
- ENL3005 The Australian Novel 1975–2010
- HMT3001 Independent Study Project A
or HMT3002 Independent Study Project B

History¹¹ T

- HIS1000 World Civilisations to 1500 CE
- HIS1001 Introduction to Australian History
- HIS1003 World History Since 1500CE
- HIS2000 Contemporary Australia
- HIS2001 Race Relations in Australian History
- HIS2005 Europe: History of an Idea
- HIS3002 The Twentieth Century⁷
- HIS3003 Contemporary America⁶
- HIS3004 Approaches to History⁹
- HMT3001 Independent Study Project A
or HMT3002 Independent Study Project B

Indigenous Studies T

- ANT3000 Archaeology of Indigenous Australia⁷
- ANT3006 Indigenous Peoples and the Nation State⁶
- HIS2001 Race Relations in Australian History
- KNL1001 Indigenous Cultural Identity
- KNL1002 Torres Strait Islander Studies
- KNL2001 Indigenous Knowledge and Australian Heritage
- KNL3001 Indigenous Australian Cultures and Communities
- PSY1030 Cross-Cultural and Indigenous Psychology

Indonesian Language T

- IND1000 Indonesian 1A
- IND2000 Indonesian 1B
- IND2021 Intermediate Indonesian A
- IND2022 Intermediate Indonesian B
- IND3001 Advanced Indonesian A
- IND3002 Advanced Indonesian B¹²
- LIN5000 The Nature of Language

International Relations T

INR1000	International Relations in a Globalizing Era
INR1001	Global Transitions and Human Security
INR2000	Issues in a Globalizing World
INR2002	Contemporary Issues in Asia
INR3000	Australian Foreign Relations
INR3003	War and Terrorism: Introduction to Strategic Studies ⁷ or INR3002 Nationalism and Revolution in Southeast Asia ⁶

plus **two** from the following¹³

HMT3001	Independent Study Project A ⁸
HMT3002	Independent Study Project B ⁸
INR3002	Nationalism and Revolution in Southeast Asia ⁶
INR3003	War and Terrorism: Introduction to Strategic Studies ⁷
INR3004	Change in Contemporary China
POL2001	Politics and International Business

Journalism T S

JRN1000	Journalism Practice
JRN2000	News Reporting
JRN2002	Radio Journalism
JRN2003	Feature Writing
JRN2006	Media Law and Ethics
JRN2010	News Literacy
JRN2001	Publication Layout and Design or JRN2005 Broadcast Reporting
HMT3001	Independent Study Project A or JRN3001 Online Journalism

Language and Culture T

LAC1001	Language Survival Skills
LAC1002	Language, Peoples and Places
LAC2001	Language, Culture and Custom
LAC2002	Language, History and Identity

Select **three** units from the following two options:

Option 1

LAC3002	Language and Culture Special Project
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plus **two** units from the following:

LAC3003	Language and Culture Special Project A ¹²
LAC3004	In-Country Study/Professional Placement
LIN5000	The Nature of Language

Option 2

LAC3003	Language and Culture Special Project A ¹²
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plus **one** other course from:

LAC3002	Language and Culture Special Project
LAC3004	In-Country Study/Professional Placement
LIN5000	The Nature of Language

Music (Theory and History) T

BCA3002	Arts Business Practice
MUI1000	Aural Skills and Tonal Harmony
MUI1003	Turning Points in Western Music
MUI1004	Aural Skills and Advanced Tonal Harmony
MUI2000	Musical Contexts from 1900 to the present: Concert music, Jazz and Music Theatre
MUI2002	Song-writing and Musicianship
MUI2005	Introduction to Music Technology
MUI2006	Introduction to Popular Music

Public Relations T

PRL1002	Principles and Practice of Public Relations
PRL1003	Reputation Management
PRL2001	Issues and Crisis Management
PRL2002	Community Consultation and Development
PRL2003	Writing for Public Relations
PRL2004	Issues in Organisational Communication
PRL3001	Public Relations Campaign Development
PRL3003	Public Sector and Public Service Communication

Theatre Theory T

BCA3002	Arts Business Practice
THE1001	Introduction to History and Theory of Drama 1
THE1002	Introduction to History and Theory of Drama 2
THE2002	Community and Political Theatre
THE2005	Australian Drama ¹⁴
THE2006	Theatre Manifesto ¹⁵
THE2007	Renaissance Drama ¹⁶
THE2008	Modern Drama ¹⁷

Visual Arts Theory T

BCA3002	Arts Business Practice
VSA1000	Introduction to Art Theory
VSA1003	Soft Architecture
VSA1021	Art and Design
VSA2000	Perspectives in Contemporary Art
VSA2001	Artists, Works and Processes
VSA3021	Contemporary Art Theory 1
VSA3022	Contemporary Art Theory 2

- 1 Not all courses are available at Fraser Coast.
- 2 Subject to pre-requisites.
- 3 Or equivalent.
- 4 This course is for intending Arts students. Other students should see their relevant faculty for advice.
- 5 Available on-campus at Springfield only.
- 6 Offered in odd-numbered years.
- 7 Offered in even-numbered years.
- 8 Students considering honours in International Relations are advised to study one of these courses.
- 9 Students considering honours in History are advised to study this course.
- 10 Available on-campus at Springfield.
- 11 At least two courses must be Level three courses.
- 12 This course is equivalent to two units.
- 13 Course must be one not previously studied in the International Relations major.
- 14 Offered in even-numbered years e.g. 2012, 2014. Alternates in odd-numbered years with THE2006.
- 15 Offered in odd-numbered years e.g. 2013, 2015. Alternates in even-numbered years with THE2005.
- 16 Offered in odd-numbered years e.g. 2013, 2015. Alternates in even-numbered years with THE2008.
- 17 Offered in even-numbered years e.g. 2012, 2014. Alternates in odd-numbered years with THE2007.

■ Bachelor of Arts (Honours) (BAHN)

CRICOS code	030289G
Units to complete	8
Duration	1 year
Start Date	February, July
Campus	Toowoomba
Entry requirements	Minimum of IELTS 6.0 or equivalent (no component lower than 5.5) 3-year Bachelor of Arts Degree or equivalent from a recognised institution GPA 5.0 or minimum credit Year 12 Senior Certificate or equivalent from a recognised institution
Program articulation	From: Bachelor of Arts; Bachelor of Communication

Program focus

ANTHROPOLOGY

Anthropology (Honours) offers you coursework in advanced anthropology and research methods, as well as a dissertation on an area of particular interest.

COMMUNICATION

Communication (Honours) offers theoretical and philosophical foundations for study and research of mass communication and contemporary media forms. You can choose from a variety of areas for your dissertation topic, including cinema, television, press, popular culture, radio, advertising and multimedia texts.

ENGLISH LITERATURE

English Literature (Honours) focuses on critical and cultural theory, and classical literature and film. Throughout your studies, you will investigate the nature and operation of cultural institutions and the cultural production of meaning.

HISTORY

As a History (Honours) student, you will have the opportunity to complete coursework in research design and method and history specialist topics, as well as a dissertation on an area of particular personal interest.

INTERNATIONAL RELATIONS

In this major, you will be able to undertake coursework units in research design and discipline-based subjects, as well as complete a dissertation on an area of particular personal interest.

THEATRE

The Bachelor of Arts (Honours) in Theatre enables you to focus on one of the following fields: dramatic theory and history; classical drama; European Renaissance drama; modern world drama; drama for children and young people; or contemporary Australian drama.

Program structure

COURSES TO BE STUDIED	UNITS
1 x major	8
TOTAL	8

ANTHROPOLOGY

ANT4001	Advanced Contemporary Anthropological Theory ¹
ANT4002	Contemporary Issues and Debates in Anthropology
HMT4001	Honours Dissertation A ¹
HMT4002	Honours Dissertation B ¹
HMT4005	Research Design

COMMUNICATION

CMS4001	Issues in Professional Communication ²
CMS4006	OzFilm: Image and Industry ²
ENL4001	Cultural Theory and Popular Culture
HMT4001	Honours Dissertation A ¹
HMT4002	Honours Dissertation B ¹
HMT4005	Research Design

ENGLISH LITERATURE

ENL4000	Critical Theory: Pure and Applied
ENL4001	Cultural Theory and Popular Culture
ENL4012	Transforming Classics
HMT4001	Honours Dissertation A ¹
HMT4002	Honours Dissertation B ¹
HMT4005	Research Design

HISTORY

HIS4001	War and Society
HIS4002	Themes in Transnational History
HIS4004	European Women's History
HMT4001	Honours Dissertation A ¹
HMT4002	Honours Dissertation B ¹
HMT4005	Research Design

INTERNATIONAL RELATIONS

HIS4001	War and Society
HMT4001	Honours Dissertation A ¹
HMT4002	Honours Dissertation B ¹
HMT4005	Research Design
INR4010	International Relations: Guided Topics
INR4011	Australia and Asia – Issues

THEATRE

ENL4001	Cultural Theory and Popular Culture
HMT4001	Honours Dissertation A ¹
HMT4002	Honours Dissertation B ¹
HMT4005	Research Design
THE4001	Shakespearean Negotiations
THE4002	The Body: Representation and Imposition

¹ This course is equivalent to two units.

² This course is only available online.

■ Bachelor of Communication (BCMM)

CRICOS code	069699A
Units to complete	24
Duration	3 years
Start Date	February, July
Campus	Toowoomba
Entry requirements¹	Minimum of IELTS 6.0 or equivalent (no component lower than 5.5) Year 12 Senior Certificate or equivalent from a recognised institution
Program articulation	To: Bachelor of Arts (Honours)

Program focus

The Bachelor of Communication (BCMM) offers you a wide range of majors, with opportunities to specialise in Public Relations, Journalism, Communication and Media Studies, and Creative Media. These majors can be complemented by a choice of majors from other disciplines within the Faculty, including Anthropology, English Literature, History, Indonesian, International Relations, Language and Culture (Chinese Mandarin or German), Music (Practice or Theory), Social Science, Theatre (Practice or Theory), and Visual Arts (Practice or Theory). You will be able to study beyond the Faculty of Arts by taking majors in Science and Education and minors in Business and Engineering. Core studies will also be provided for you in a range of academic skills early in the program. The BCMM thus offers you a flexible study pattern across several skill and knowledge-bases, while also allowing you to gain substantial progress towards your career path within specific disciplinary or professional fields. As a graduate of the BCMM, you should be able to apply both analytical and practical skills to further study, research, and employment in a wide range of careers.

COMMUNICATION AND MEDIA STUDIES (8 UNITS)

This major combines the study of human communication theory with the development of human communication skills. You will be able to analyse the areas of language, film, television and culture, while learning about interpersonal, group and mass communication, and communication in multicultural societies. You will develop an understanding of communication problems in society by examining communication processes at all levels.

CREATIVE MEDIA (8 UNITS)

If you are interested in a career in the media and multimedia industry, Creative Media offers you a wide range of courses to suit your individual career goals. Completing this major could lead you into careers that involve animation, television production, scriptwriting, web design and media teaching. You will be encouraged to write, develop and produce your own projects while gaining a valuable understanding of the business side of creative arts. If you are planning on majoring in Journalism and Public Relations, you will find Creative Media a valuable companion major in terms of gaining practical media experience and insight. This will provide you, as a graduate, with greater versatility which will increase your opportunities in careers as journalists, public relations and communication specialists.

JOURNALISM

This major prepares you for a career in journalism or a related field by reporting, writing, editing, designing and producing for the Web, television, radio, newspapers and magazines. You will acquire a wide range of knowledge and skills across multiple media, and with a focus on hands-on experience, you will be given the skills to work in the 21st century's digital newsrooms. You are also encouraged to link with industry by undertaking internships as journalists.

PUBLIC RELATIONS

As a student of the Public Relations major, you will gain the skills and knowledge to review communication policies within an organisation and develop and implement communication programs and strategies. This major will also equip you with skills required in the industry, such as issues management, specialist writing, how to create public relations campaigns and how to improve public and media relations. You will identify communication problems of organisations through appropriate research and strategic planning, and develop strategies to overcome these problems.

Program structure

COURSES TO BE STUDIED	UNITS
Core courses	4
<i>plus</i> 1 x first major	12
<i>plus</i> 1 x second major <i>or</i> 2 x 4-unit minors	8
TOTAL	24

CORE COURSES

CMS1000	Communication and Scholarship
CMS1010	Introduction to Communication Studies
JRN2010	News Literacy
PRL1002	Principles and Practice of Public Relations

12-UNIT MAJORS

Journalism

JRN1000	Journalism Practice
JRN2000	News Reporting
JRN2001	Publication Layout and Design
JRN2002	Radio Journalism
JRN2006	Media Law and Ethics
HMT3001	Independent Study Project A or HMT3002 Independent Study Project B
JRN2003	Feature Writing or JRN2005 Broadcast Reporting
JRN3001	Online Journalism or JRN3002 Broadcast Newsroom

plus **four** from the following:

CMS1012	Introduction to Media Studies
HIS1001	Introduction to Australian History
HIS1003	World History Since 1500CE
INR1000	International Relations in a Globalizing Era
INR1001	Global Transitions and Human Security
INR3000	Australian Foreign Relations
POL1000	Government, Business and Society
POL2000	Political and Economic Ideas
POL2001	Politics and International Business

Public Relations

CMS1012	Introduction to Media Studies
MKT1001	Introduction to Marketing
PRL1003	Reputation Management
PRL2001	Issues and Crisis Management
PRL2002	Community Consultation and Development
PRL2003	Writing for Public Relations
PRL2004	Issues in Organisational Communication
PRL3001	Public Relations Campaign Development
PRL3002	Public Relations Project
PRL3003	Public Sector and Public Service Communication
PRL3012	Public Relations Research
TOU3010	Event Management

8-UNIT MAJORS

Communication and Media Studies

CMS1012	Introduction to Media Studies
CMS2017	Australian Television
CMS2018	Audience and Industry ²
CMS2019	Global Hollywood
CMS2022	Communication and Power
CMS3001	Global Conflict Communication
CMS3013	New Media
JRN2006	Media Law and Ethics ³ or PRL2004 Issues in Organisational Communication ⁴

Creative Media

Select **eight** from the following:

BCA3000	BCA Project A5
BCA3001	BCA Project B5
BCA3002	Arts Business Practice ⁵
MEA1000	Elements of Multimedia
MEA1001	Single Camera Production
MEA1002	Creative Editing
MEA1004	Cinematic Language
MEA2000	Scriptwriting
MEA2001	Location Sound and Image
MEA2002	Screen Aesthetics
MEA2003	Through the Lens
MEA2004	Animation
MEA2005	2D and 3D Modelling
MEA2006	Sound and Mix
MEA3000	Advanced Screen Media
MEA3001	Digital Art Studio

Journalism

JRN1000	Journalism Practice
JRN2000	News Reporting
JRN2001	Publication Layout and Design
JRN2002	Radio Journalism
JRN2006	Media Law and Ethics
HMT3001	Independent Study Project A or HMT3002 Independent Study Project B
JRN2003	Feature Writing or JRN2005 Broadcast Reporting
JRN3001	Online Journalism or JRN3002 Broadcast Newsroom

Public Relations

PRL1003	Reputation Management
PRL2001	Issues and Crisis Management
PRL2002	Community Consultation and Development
PRL2003	Writing for Public Relations
PRL2004	Issues in Organisational Communication
PRL3001	Public Relations Campaign Development
PRL3002	Public Relations Project
PRL3003	Public Sector and Public Service Communication

Education

EDC1100	Lifespan Development and Learning
EDC1200	Self, Education and Society
EDC1300	Perspectives in Education
EDC2200	Indigenous Perspectives
EDX1170	Foundations of Language and Literacies

plus **two** 2nd-year courses from Bachelor of Education (BEDU) with Faculty of Education permission⁶

plus **one** 3rd-year course from Bachelor of Education (BEDU) with Faculty of Education permission⁶

Science

Bachelor of Communication students can also take an 8-unit major from the following Faculty of Sciences majors. Students should refer to the enrolment patterns for these majors at:

www.usq.edu.au/handbook

- Biology
- Computing
- Human Physiology
- Mathematics
- Physical Sciences
- Environment and Sustainability

NOTE

Psychology cannot be taken as an 8-unit major, although, students can take a 4-unit Psychology minor.

- 1 Entry to the Creative Media major is subject to a successful interview during Orientation Week. Students enrolling in the Creative Media major must choose eight courses in consultation with Creative Media Discipline Head.
- 2 Available on-campus at Springfield.
- 3 Students studying the Public Relations major must enrol in this course.
- 4 Students studying the Journalism major must enrol in this course.
- 5 Before enrolling in this course students must check that they have satisfied the 'Recommended Prior Study' or 'Other Enrolment' requirements set out in the 'Other Requisites' section of the course specification.
- 6 Students should contact the Program Coordinator, Bachelor of Communication, who will liaise with Faculty of Education staff about appropriate courses.

■ Bachelor of General Studies (BGEN)

CRICOS code 030303C

Units to complete 24

Duration 3 years

Start Date February, July

Campus Fraser Coast¹, Springfield, Toowoomba

Entry requirements² Minimum of IELTS 6.0 or equivalent (no component lower than 5.5)
Year 12 Senior Certificate or equivalent from a recognised institution

Program articulation: To: other USQ programs with appropriate credit, as well as a range of graduate certificate, graduate diploma or coursework masters programs in designated areas

Program focus

The Bachelor of General Studies is designed to offer you a wide range of study areas and disciplines. If you have completed school but wish to sample a range of university subjects before embarking on a more specialised degree program, this degree is perfect for you. This program offers you a variety of choices and flexibility which helps you enter into a wide range of career and study options, including transfer to other degree programs. You can study courses chosen from a mix of the following discipline categories: biological sciences, business, education, environment and sustainability, engineering and spatial sciences, humanities, physical sciences, psychology and social sciences.

Program structure

COURSES TO BE STUDIED	UNITS
Core courses	3
<i>plus</i> 6–8 x units from first discipline area	6–8
<i>plus</i> 3 x units from second discipline area	3
<i>plus</i> 3 x units from third discipline area	3
<i>plus</i> 3 x units from fourth discipline area	3
<i>plus</i> 4–6 x electives ³	4–6
TOTAL	24

CORE COURSES

CMS1000 Communication and Scholarship
or CMS1009 Communication in Academic and Professional Contexts⁴
plus two other core course selected from approved courses

MAJOR /DISCIPLINE AREAS

The following discipline areas will make up the major of your program: Biological and Physical Science, Business, Education, Engineering, Environment and Sustainability, Humanities, Psychology, Social Sciences, Spatial Sciences. For more detailed course listings, please visit the handbook at: www.usq.edu.au/handbook

- 1 Not all courses in this program are available on-campus at Fraser Coast.
- 2 Some majors or disciplines may require further entry requirements.
- 3 May be chosen from any discipline area including those previously selected.
- 4 Springfield campus only.





I enjoyed studying in Australia and therefore I transferred from my one year exchange program to complete my bachelor degree with USQ. I have met so many great people - from fellow students to staff at the university. All the friendly people around me who were willing to help in all circumstances really made my study experience more achievable and a wonderful memory to look back on.

ANNELIE EMMERSON

BACHELOR OF MASS COMMUNICATION
GRADUATE

COUNTRY OF ORIGIN: SWEDEN

Diploma of Community Welfare and Development (DCWD)

CRICOS code	065020C
Units to complete	8
Duration	1 year
Start Date	February, July
Campus	Fraser Coast
Entry requirements	Minimum of IELTS 6.0 or equivalent (no component lower than 5.5) Year 12 Senior Certificate or equivalent from a recognised institution
Program articulation	To: Bachelor of Human Services



Bachelor of Human Services (BHMS)

CRICOS code	070616K
Units to complete	24
Duration	3 years
Start Date	February, July
Campus	Fraser Coast, Springfield, Toowoomba
Entry requirements	Minimum of IELTS 6.0 or equivalent (no component lower than 5.5) Year 12 Senior Certificate or equivalent from a recognised institution
Program articulation	From: Diploma in Community Welfare and Development

Program focus

DIPLOMA IN COMMUNITY WELFARE AND DEVELOPMENT (DCWD)

The Diploma of Community Welfare and Development (DCWD) has been designed to provide you with an enhanced understanding of basic issues and principles in the community development environment. Through completion of this program, you will also develop knowledge of issues that affect Aboriginal and Torres Strait Islander people, human rights, interpersonal communication and sustainability.

BACHELOR OF HUMAN SERVICES (BHMS)

If you are looking for an interesting and rewarding career which allows you to work as a professional with a range of individuals and groups within the community, the Bachelor of Human Services at USQ will give you the skills you need. Specifically designed to enhance your understanding of the issues, principles and policies which impact upon the community services sector, this program also gives you access to the relevant skills, values, knowledge and theoretical framework. You can choose to direct your studies towards a particular area of professional human services that interests you, with opportunities also available to focus your study on marginalised groups.

Program structure

DIPLOMA IN COMMUNITY WELFARE AND DEVELOPMENT

COURSES TO BE STUDIED	UNITS
Core courses	6
<i>plus</i> 2 x electives ¹	2
TOTAL	8

BACHELOR HUMAN SERVICES

COURSES TO BE STUDIED	UNITS
Courses from Diploma in Community Welfare and Development, including additional Bachelor of Human Services core courses	8
<i>plus</i> 1 x 8-unit major	
<i>plus</i> 1 x second 8-unit major	
<i>or</i> 2 x 4-unit minors	
<i>or</i> 1 x 4-unit minor <i>plus</i> 4 x electives	16
<i>or</i> 1 x 12 unit major	
<i>plus</i> 1 x 4-unit minor	
<i>or</i> 4 x electives	
TOTAL	24

CORE COURSES

Diploma in Community Welfare and Development

CDS1000	Introduction to Community Welfare and Development
CDS1001	Human Relations and Communications
CDS2000	Ethical Issues and Human Rights in Human Services
CDS2001	Sustainability Concepts and Issues
CMS1000	Communication and Scholarship
EDC2200	Indigenous Perspectives

Bachelor of Human Services

CDS2002	Independent Project 1
CMS1009	Communication in Academic and Professional Contexts ²
PSY1010	Foundation Psychology A
REN1201	Environmental Studies ³

MAJORS

Child and Family **S FC**

CDS3001	Assessment and Report Writing in Counselling
CDS3002	Counselling Theory and Practice
EDO2104	Families and Society
EDU5325	Child Abuse and Neglect: Intervention, Protection and Prevention
EDU5335	Emotional and Behavioural Problems of Children and Adolescents
PSY1020	Foundation Psychology B
PSY1030	Cross-Cultural and Indigenous Psychology
EDC1100	Lifespan Development and Learning or PSY2030 Developmental Psychology

NOTE

Students aiming for a career in Child and Family major may additionally consider the following elective alongside their Child and Family major: LAW1101 Introduction to Law (elective).

NOTE

The Child and Family major covers similar subjects to the Counselling major, but without the requirements of face-to-face attendance.

Community Development **S T**

CMS2022	Communication and Power
CMS3001	Global Conflict Communication
LAW1101	Introduction to Law
PRL2002	Community Consultation and Development
PRL2004	Issues in Organisational Communication
PSY2010	Social Processes of Behaviour
SOC1000	Approaches to the Social Sciences
SOC3000	Collaborative Community Problem Solving

Counselling **S FC**

CDS1002	Counselling Skills
CDS3000	Independent Project 24
CDS3001	Assessment and Report Writing in Counselling
CDS3002	Counselling Theory and Practice
CDS3004	Counselling Theory and Practice 2
CDS3005	Counselling Theory and Practice 3
PSY1020	Foundation Psychology B
PSY2020	Motivation and Emotion
PSY3030	Abnormal Behaviour
PSY3050	Counselling Psychology
EDC1100	Lifespan Development and Learning or PSY2030 Developmental Psychology

Human Resource Management **S T**

MGT1001	Foundations of Human Resource Management
MGT2000	Staffing and Remuneration
MGT2001	Management of Workplace Health and Safety
MGT2002	Managing Organisations
MGT2004	People Development
MGT2006	Employment Relations
MGT3001	Global Management
MGT3002	Leading Organisational Change ⁵

Indigenous Studies **T**

ANT3000	Archaeology of Indigenous Australia ⁶
ANT3006	Indigenous Peoples in the Nation State ⁷
HIS2001	Race Relations in Australian History
KNL1001	Indigenous Cultural Identity
KNL1002	Torres Strait Islander Studies
KNL2001	Indigenous Knowledge and Australian Heritage
KNL3001	Indigenous Australian Cultures and Communities
PSY1030	Cross-Cultural and Indigenous Psychology

- 1 One elective must be selected from the BHMS core or any major courses.
- 2 Students can choose CMS1009 or CMS1000 as part of the BHMS core courses.
- 3 Students can choose REN1201 or CDS2001 as part of the BHMS core courses.
- 4 This course is worth 2 units.
- 5 This is a capstone course and students should not enrol in it until they have completed at least six of the other courses in the Human Resource Management major.
- 6 This course will be offered in even-numbered years.
- 7 This course will be offered in odd-numbered years.

■ Bachelor of Social Science (BSSC)

CRICOS code 059206K

Units to complete 24

Duration 3 years

Start Date February, July

Campus Toowoomba

Entry requirements Minimum of IELTS 6.0 or equivalent (no component lower than 5.5)

Year 12 Senior Certificate or equivalent from a recognised institution

Program focus

As a social scientist, you will study people, groups of people, and interactions between people. The Bachelor of Social Science (BSSC) will equip you with the skills needed to work within the public sector and non-government organisations to deliver community welfare and social justice.

INTERDISCIPLINARY SOCIAL SCIENCE

This major will help you to develop critical appraisal and theorising skills to make more sense of our lives, especially in the rapidly changing labour market. Throughout your studies, you will also be provided with a broad understanding of people, society, and human services within society. This major will also provide you with the knowledge and understanding of the boundaries of different social-scientific disciplines to form your own opinions about the strengths and weaknesses of disciplinary and interdisciplinary social science.

SOCIAL JUSTICE

The Social Justice major will give you insight into the impact of human social and cultural structures, processes and relations on a range of human problems, including inequality, illness, poverty, the environment, issues of power and control, violence and war. You will be empowered with a range of skills, attitudes and the knowledge to promote social justice, through, for example: building and maintaining non-violent human relationships at all levels of society, sustaining human development by seeking positive and fairer societies, promoting human rights, fostering reconciliation between Indigenous and non-Indigenous people, addressing problems of ethnic and gender violence, contributing to economic justice, and promoting environmental sustainability.

ANTHROPOLOGY

This major provides you with understanding and insight into the nature of human behaviour and how people live and work together in various kinds of social groups. The study of anthropology helps you learn to understand the physical and cultural similarities and differences between people.

ASIAN STUDIES

In this major, you will study a combination of an Asian language and its culture, together with theoretical perspectives that apply to Asian institutional structures, policy frameworks, political systems and ideologies, economies and security regimes. You will also be given the opportunity to study the complexities of cross-cultural interaction and issues.

BEHAVIOURAL SCIENCE

This major is designed to help you develop an in-depth understanding of human behaviour and experiences.

COMMUNICATION AND MEDIA STUDIES

In studying the Communication and Media Studies major, you will focus on the study of human communication theory with the development of human communication skills. You will analyse the areas of language, film, television and culture, while learning about interpersonal, group and mass communication, and communication in multicultural societies. You will develop an understanding of communication problems in society by examining communication processes at all levels.

HISTORY

If you have an inquiring mind, this major provides just the challenge that you are after. The study of history is not unlike that of forensic science; you will examine clues, assess the reliability of witnesses and seek out the reasons and truth behind an event. As a historian, you will have a unique insight into what events have happened and why. Through completion of this major, you will examine world civilisations, historic and contemporary Australia, race relations in Australian history, European and American history, and the 20th century.

INDIGENOUS STUDIES

This major gives you an understanding of Australian Indigenous perspectives and ways of thinking, and provides you the opportunity to see the value and contribution of Indigenous Australians to contemporary Australian society. If you are also interested in studying nursing, education, anthropology or journalism, this major will be of particular interest to you.

INTERNATIONAL RELATIONS

This major is designed to strengthen your understanding of Australian domestic and external affairs. As an international relations student, you will have the opportunity to examine a range of theoretical perspectives, including institutional structures, policy frameworks, political systems and ideologies, economies and security regimes in various regions. You will also study the complexities of cross-cultural interaction and issues, which will be developed analytically through issue-based, problem-solving approaches.

LANGUAGE AND CULTURE (GERMAN AND MANDARIN CHINESE)

The Language and Culture major offers you the choice of study in either German or Mandarin Chinese. This major will equip you for the challenges and opportunities of global citizenship in the 21st century, teaching competencies in both language and cultural knowledge, and will use your experience of language learning as a gateway into the broader study of German and Chinese history, politics, culture, traditions, customs and national identities. Language and Culture teaches foreign language skills as a means for you to acquire an enhanced cross-cultural awareness and to prepare you effectively for the real-life possibility of studying and living abroad.

Program structure

COURSES TO BE STUDIED	UNITS
Core courses	4–6
<i>plus</i> 1 x interdisciplinary Social Science major <i>or</i> 1 x Social Justice major	8
<i>plus</i> 1 x second major	8
<i>plus</i> 2 x electives <i>or</i> 1 x 4-unit minor	2–4
TOTAL	24

CORE COURSES¹

CMS1000	Communication and Scholarship
HMT1000	History of Western Ideas
HMT2000	Ethical Issues and Human Rights
SOC1000	Approaches to the Social Sciences
SOC3000	Collaborative Community Problem Solving
ANT1001	Introductory Anthropology ² <i>or</i> SOC1001 Conflict and Peace ³

Interdisciplinary Social Science

Select **four** from the following:

ANT1001	Introductory Anthropology ⁴
ANT2007	Ethnographic Methods: Making Anthropology
KNL1001	Indigenous Cultural Identity
KNL1002	Torres Strait Islander Studies
KNL2001	Indigenous Knowledge and Australian Heritage
PRL2002	Community Consultation and Development
PRL2004	Issues in Organisational Communication

plus two from the following:

KNL3001	Indigenous Australian Cultures and Communities
POL3013	Sustainability and Politics
PRL3012	Public Relations Research
STA3100	Evaluating Information

plus two from the following:

LAW1202	Law in Context
POL1000	Government, Business and Society
POL2000	Political and Economic Ideas
POL2001	Politics and International Business
PSY1030	Cross-Cultural and Indigenous Psychology
PSY2010	Social Processes of Behaviour

Social Justice

KNL2001	Indigenous Knowledge and Australian Heritage
SOC1001	Conflict and Peace ⁴

plus two or more courses from the following:

ANT3006	Indigenous Peoples and the Nation State
CMS2022	Communication and Power
CMS3001	Global Conflict Communication
KNL3001	Indigenous Australian Cultures and Communities

plus courses from the following, to make a **total of eight**:

ANT2002	Anthropology of Illness and Health
ANT2004	The Anthropology of Power and Conflict ⁵
ANT2005	Anthropology of Religion and Belief: Practices, Contexts, Diversity ⁵
HIS2000	Contemporary Australia
HIS2001	Race Relations in Australian History
INR1000	International Relations in a Globalizing Era
INR1001	Global Transitions and Human Security
PRL2002	Community Consultation and Development
PRL2004	Issues in Organisational Communication

SECOND MAJORS

Anthropology⁶

ANT1000	World Archaeology: An Introduction
ANT1001	Introductory Anthropology
ANT2002	Anthropology of Illness and Health
ANT2004	The Anthropology of Power and Conflict ⁵
ANT2005	Anthropology of Religion and Belief: Practices, Contexts, Diversity ⁵
ANT2007	Ethnographic Methods: Making Anthropology
ANT3000	Archaeology of Indigenous Australia ⁷
ANT3001	Anthropology of Order: Making Sense ⁷
ANT3006	Indigenous Peoples and the Nation State ⁵

Asian Studies

INR2002	Contemporary Issues in Asia
INR3002	Nationalism and Revolution in Southeast Asia
INR3004	Change in Contemporary China
HMT3001	Independent Study Project A <i>or</i> HMT3002 Independent Study Project B
IND1000	Indonesian 1A <i>or</i> LAC1001 Language Survival Skills ⁷
IND2000	Indonesian 1B <i>or</i> LAC1002 Language, Peoples and Places ⁷
IND2021	Intermediate Indonesian A <i>or</i> LAC2001 Language, Culture and Custom ⁷
IND2022	Intermediate Indonesian B <i>or</i> LAC2002 Language, History and Identity ⁸

Behavioural Science

PSY2020	Motivation and Emotion
PSY2030	Developmental Psychology
PSY2100	Research Methods in Psychology A
PSY3030	Abnormal Behaviour
PSY3050	Counselling Psychology
PSY3110	Clinical Health Psychology
PSY3250	Sport Psychology
PSY3730	Industrial and Organisational Psychology

Communication and Media Studies

CMS1010	Introduction to Communication Studies
CMS1012	Introduction to Media Studies
CMS2017	Australian Television
CMS2018	Audience and Industry
CMS2019	Global Hollywood
CMS3001	Global Conflict Communication
CMS3013	New Media
CMS2022	Communication and Power <i>or</i> CMS3001 Global Conflict Communication

History

HIS1000	World Civilisations to 1500 CE
HIS1001	Introduction to Australian History
HIS1003	World History Since 1500CE
HIS2000	Contemporary Australia
HIS2001	Race Relations in Australian History
HIS2005	Europe: History of an Idea

plus two from the following:

HIS3002	The Twentieth Century
HIS3003	Contemporary America
HIS3004	Approaches to History ⁹

Indigenous Studies

ANT3000	Archaeology of Indigenous Australia
ANT3006	Indigenous Peoples and the Nation State
HIS2001	Race Relations in Australian History
KNL1001	Indigenous Cultural Identity
KNL1002	Torres Strait Islander Studies
KNL2001	Indigenous Knowledge and Australian Heritage
KNL3001	Indigenous Australian Cultures and Communities
PSY1030	Cross-Cultural and Indigenous Psychology

International Relations

INR1000	International Relations in a Globalizing Era
INR1001	Global Transitions and Human Security
INR2000	Issues in a Globalizing World
INR2002	Contemporary Issues in Asia
INR3000	Australian Foreign Relations
INR3002	Nationalism and Revolution in Southeast Asia
or INR3003	War and Terrorism: Introduction to Strategic Studies

plus two from the following:¹⁰

INR3002	Nationalism and Revolution in Southeast Asia
INR3003	War and Terrorism: Introduction to Strategic Studies
INR3004	Change in Contemporary China
POL2001	Politics and International Business
HMT3001	Independent Study Project A
or HMT3002	Independent Study Project B

Language and Culture

LAC1001	Language Survival Skills
LAC1002	Language, Peoples and Places
LAC2001	Language, Culture and Custom
LAC2002	Language, History and Identity
LAC3001	Language and the Contemporary World
LAC3004	In-Country Study/Professional Placement
LIN5000	The Nature of Language
LAC3002	Language and Culture Special Project
or LAC3003	Language and Culture Special Project A

- Students may reduce the number of core courses to four, if they complete a recognised minor. The four courses must include CMS1000 Communication and Scholarship, SOC1000 Approaches to the Social Sciences and SOC3000 Collaborative Community Problem Solving.
- Semester 1 only.
- Semester 2 only.
- This course must be taken if not taken as a core course.
- Offered in odd-numbered years only.
- To complete a first major in Anthropology students must choose eight of the nine courses offered here, which must include ANT1001, ANT1000, ANT2007, and at least two courses at third level.
- Offered in even-numbered years only.
- Mandarin Chinese stream.
- HIS3004 is recommended for students considering study in history at honours level.
- Course cannot be one previously studied in the International Relations major.

Combined/Double degree programs

Bachelor of Arts and Bachelor of Business (BABZ)

CRICOS code:	075195G
Units to complete:	32
Campus:	Toowoomba, Springfield ¹

Bachelor of Arts and Bachelor of Laws (BALW)

CRICOS code:	075196G
Units to complete:	40
Campus:	Toowoomba, Springfield ¹

Bachelor of Arts and Bachelor of Science (BABS)

CRICOS code:	030290C
Units to complete:	32
Campus:	Toowoomba

Other undergraduate Humanities and Communication programs

For additional Humanities and Communication programs, please refer to the following:

- Bachelor of Applied Media on page 45.
- Bachelor of Creative Arts (Creative Media) (Creative Media – Multimedia) (Music) (Theatre) (Visual Arts) on page 46.

¹ Not all specialisations and majors in this program are available on-campus

Postgraduate Humanities and Communication

■ Master of Arts (MSTA)

CRICOS code 072983D

Units to complete 8

Campus Toowoomba

Duration 1 year

Start date February, July

Entry requirements Minimum of IELTS 6.5 or equivalent (no component lower than 6.0)

Three year bachelor degree or equivalent

NOTE

Some consideration for significant professional practice may be given to applicants at the discretion of the Program Coordinator.

Applicants for entry into the following Master of Arts majors must have completed a major in their discipline area or have equivalent professional experience: Anthropology, Applied Media, Creative Media, English Literature, Journalism, Music, Theatre and Visual Arts.

Student intending to undertake research or project work should note that selection of any research topic is subject to the availability of an appropriate supervisor and students must accept faculty guidance in their selection.

Program articulation From: Bachelor of Arts; Bachelor of Creative Arts; To: Doctor of Philosophy

Program focus

The Master of Arts provides you with an advanced-level program of study if you would like to specialise in the areas of anthropology, applied media, communication and media studies, corporate communication, creative media, editing and publishing, English literature, history, international relations, journalism, music, social sciences, theatre or visual arts. You also have the option to undertake an interdisciplinary major and research project or project in consultation with the Master of Arts Program Coordinator. This program involves an intellectual engagement with appropriately theoretical and/or practical aspects of your chosen disciplines, and a range of research, coursework and project-based pathways are available.

ANTHROPOLOGY

Anthropology offers coursework in advanced anthropology and research methods, as well as a dissertation on an area of particular interest.

ENGLISH LITERATURE

English Literature focuses on critical and cultural theory, and classical literature and film. The program investigates the nature and operation of cultural institutions and the cultural production of meaning.

HISTORY

History offers coursework in research design and method and history specialist topics, as well as a dissertation on an area of particular personal interest.

INTERDISCIPLINARY

The interdisciplinary pathway allows you the flexibility to meet your own professional and educational requirements by developing an individual study program. You can choose eight courses from across the range of coursework units offered in the Master of Arts, and also have the option of writing a two-unit project, dissertation or exegesis in a specific area of research interest.

INTERNATIONAL RELATIONS

International Relations offer coursework units in research design and discipline-based subjects, as well as a four or two-unit dissertation on an area of particular personal interest.

SOCIAL SCIENCES

Social Sciences offer coursework in advanced Social Sciences and research methods, as well as a dissertation on an area of particular interest.

OTHER MAJORS

Other majors available via distance education only include Corporate Communication, Editing and Publishing, Journalism, and Public Relations. For details about on-campus majors not included in the area of Humanities and Communication, please see the listings for this program under Creative Arts on page 50.

Program structure

COURSES TO BE STUDIED	UNITS
6-8 core courses	8
TOTAL	8

ANTHROPOLOGY

ANT4001	Advanced Contemporary Anthropological Theory ¹
ANT4002	Contemporary Issues and Debates in Anthropology
HMT4005	Research Design
MAR8001	Masters Dissertation A ¹
MAR8002	Masters Dissertation B ¹
MAR8002	Masters Dissertation B ¹ or MAR8004 Masters Project B ¹

ENGLISH LITERATURE (COURSEWORK AND 4-UNIT RESEARCH)

ENL4000	Critical Theory: Pure and Applied
ENL4001	Cultural Theory and Popular Culture
ENL4012	Transforming Classics
HMT4005	Research Design
MAR8001	Masters Dissertation A ¹
MAR8002	Masters Dissertation B ¹

ENGLISH LITERATURE (COURSEWORK AND 2-UNIT RESEARCH)

ENL4000	Critical Theory: Pure and Applied
ENL4001	Cultural Theory and Popular Culture
ENL4012	Transforming Classics
HMT4005	Research Design
MAR8005	Dissertation, Exegesis or Project
THE4001	Shakespearean Negotiations

plus one elective from the courses offered in the Master of Arts

ENGLISH LITERATURE (COURSEWORK)

CMS4006	OzFilm: Image and Industry ²
CWR4001	Advanced Creative Writing
ENL4000	Critical Theory: Pure and Applied
ENL4001	Cultural Theory and Popular Culture
ENL4012	Transforming Classics
HMT4005	Research Design
THE4001	Shakespearean Negotiations

plus one elective from the courses offered in the Master of Arts

HISTORY (RESEARCH)

HIS4001	War and Society
HIS4002	Themes in Transnational History
HIS4004	European Women's History
HMT4005	Research Design
MAR8001	Masters Dissertation A ¹
MAR8002	Masters Dissertation B ¹

HISTORY (COURSEWORK AND 2-UNIT RESEARCH)

HIS4001	War and Society
HIS4002	Themes in Transnational History
HIS4004	European Women's History
HMT4005	Research Design
MAR8005	Dissertation, Exegesis or Project ¹

plus two from the following:

ENL4001	Cultural Theory and Popular Culture
ENL4012	Transforming Classics
INR4010	International Relations: Guided Topics
INR4011	Australia and Asia – Issues
SOC8000	Identity, Self and Society
SOC8001	Islam and the West
THE4001	Shakespearean Negotiations

INTERDISCIPLINARY

A selection of courses within the Master of Arts or other suitable courses (up to two) from another faculty may be made in consultation with the Program Coordinator of the Master of Arts. Two pathways are available: 8 units of coursework, or 6 units of coursework and 2 units of exegesis, dissertation or project.

INTERNATIONAL RELATIONS (COURSEWORK AND 4 UNITS OF RESEARCH)

HIS4001	War and Society
HMT4005	Research Design
INR4010	International Relations: Guided Topics
INR4011	Australia and Asia - Issues
MAR8001	Masters Dissertation A ¹
MAR8002	Masters Dissertation B ¹

INTERNATIONAL RELATIONS (COURSEWORK AND 2-UNIT DISSERTATION OR PROJECT)

HIS4001	War and Society
HIS4002	Themes in Transnational History
HMT4005	Research Design
INR4010	International Relations: Guided Topics
INR4011	Australia and Asia -- Issues
MAR8005	Dissertation Exegesis or Project ¹
ECO8060	Business in the International Economy
	<i>or</i> POL8013 Environmental Politics and Policy
	<i>or</i> SOC8001 Islam and the West

SOCIAL SCIENCES

ENL4001	Cultural Theory and Popular Culture
HMT4005	Research Design
MAR8001	Masters Dissertation A ¹
MAR8002	Masters Dissertation B ¹
SOC8000	Identity, Self and Society
SOC8001	Islam and the West

¹ This course is equivalent to two units.

² This course is only available via distance education

Other postgraduate Arts programs

For additional postgraduate Arts programs, please refer to the following:

- Master of Arts (Applied Media, Creative Media, Music, Theatre, Visual Arts) on page 50.

RESEARCH

- Doctor of Philosophy on page 139.

Undergraduate Information Technology

■ Bachelor of Information Technology (BITC)

CRICOS code 007490J

Units to complete 24

Duration 3 years

Start Date February, July

Campus Toowoomba

Entry requirements Minimum of IELTS 6.0 or equivalent (no component lower than 5.5)

Year 12 Senior Certificate or equivalent from a recognised institution

A-level mathematics is recommended for Applied Computer Science, and Networking and Security majors

Program focus

APPLIED COMPUTER SCIENCE

As a graduate from the Applied Computer Science major, you will be equipped with fundamental skills in computer science, applied to the domain of modern Web applications and services. You will become well-prepared to solve generic problems in the broad area of computing. You will be ideally placed to design and implement software systems, database structures and applications, and Web services and interfaces. Achievement of the objectives will allow you to be a graduate of high academic and scientific standard, who is capable of competing for employment in a professional area and pursuing career development in government institutions and IT industries.

INFORMATION SYSTEMS DEVELOPMENT

The Information Systems Development major provides you with a gateway to a wide range of dynamic careers in information technology. As a graduate, you will find yourself to be highly versatile and adaptable and adept at addressing technical and business issues. The major incorporates a significant analysis and design component and remains firmly based within a business context while fostering an understanding of the broader architecture of information systems and the principles of modern software engineering practice. You will be optimally placed to succeed in the vast array of IT careers on offer, ranging from highly technical roles, such as enterprise architect, to roles focused on business processes. You will achieve a deep understanding of IT infrastructure via detailed study of the .NET framework and Java development environments and network management in tandem with a one-year database sequence. The database sequence provides those interested with the opportunity to pursue two Oracle certifications.

INFORMATION TECHNOLOGY MANAGEMENT

The Information Technology Management major is highly focused on Information Systems (IS) as a key strategic enabler of business success, and teaches you how to leverage IS to identify and solve business problems. The major serves as a pathway into a variety of rapidly emerging IS career paths where business skills, for example communication, problem-solving and teamwork, are most important. As an Information Technology Management student, you will develop skills in electronic commerce, systems analysis, database design and implementation, security, network management, service management and enterprise resource systems. In this major, you will study leading-edge business packages and tools, such as Oracle, SAP and ISO20000, and will be provided with the opportunity to pursue professional certification in a number of these areas.

NETWORKING AND SECURITY

The Networking and Security major equips you with state-of-the-art skills in network design, network management, security and system development and administration. You will be familiar with problem-solving in computer networks, VoIP, video conferencing, network services administration, and will be aided in developing the professional skills to apply them in the communication sector, healthcare, government institutions, and IT firms. Achievement of the objectives will result in you graduating with a high academic and scientific standard, capable of competing for employment in a professional area and pursuing career development in IT industries and government institutions.

Professional accreditation

The Bachelor of Information Technology program is accredited at professional level by the Australian Computer Society and, through the Seoul Accord, is recognised in other countries.

Program structure

COURSES TO BE STUDIED	UNITS
Core courses	8
<i>plus</i> 1 x major	8
<i>plus</i> 1 x second major <i>or</i> 2 x 4-unit minors ¹ <i>or</i> 1 x 4-unit minor ¹ <i>plus</i> 4 x electives <i>or</i> 8 x electives ²	8
TOTAL	24

CORE COURSES

CIS1000	Information Systems Concepts
CIS3002	Business Analysis
CMS1000	Communication and Scholarship
CSC1401	Foundation Programming
CSC2407	Introduction to Software Engineering
<i>plus three from the following:</i> ³	
ACC1101	Accounting for Decision-Making
CSC2402	Object-Oriented Programming in C++
CSC2406	Web Technology
ECO1000	Economics
ELE1301	Computer Engineering
FIN1101	Introduction to Corporate Finance
LAW1101	Introduction to Law
MAT1100	Foundation Mathematics
MAT1101	Discrete Mathematics for Computing
MGT1000	Organisational Behaviour
MKT1001	Introduction to Marketing
POL1000	Government, Business and Society
STA2300	Data Analysis

MAJOR COURSES

Applied Computer Science

CSC2401	Algorithms and Data Structures
CSC2402	Object-Oriented Programming in C++
CSC2404	Operating Systems
CSC2408	Software Development Tools
CSC3400	Database Systems
CSC3403	Comparative Programming Languages
CSC3412	System and Security Administration
CSC3419	XML and the Web

Information Systems Development

CIS1101	Business Online
CIS2000	Systems Analysis and Design
CIS2002	Database Design and Implementation
CIS2003	Component Based Software Development
CIS3001	Object-Oriented Programming with Java
CIS3003	Networks and Distributed Systems
CIS3007	Enterprise Systems Development and Architecture
CIS3010	Oracle Development

Information Technology Management

CIS1101	Business Online
CIS2000	Systems Analysis and Design
CIS2002	Database Design and Implementation
CIS2005	Principles of Information Security
CIS3003	Networks and Distributed Systems
CIS3008	Information Technology Service Management
CIS3009	Enterprise Systems in Practice
CIS3011	Information Systems Project
	<i>or BUS3000 Work Integrated Learning</i>

Networking and Security

CSC2404	Operating Systems
CSC2408	Software Development Tools
CSC3400	Database Systems
CSC3407	Network Fundamentals and Routing
CSC3412	System and Security Administration
CSC3413	Network Design and Analysis
CSC3420	Mobile Internet Technology
CSC3427	Switching, Wireless and WAN Technologies

- 1 Students who wish to take a minor study not listed in the recommended minors must obtain permission from the Program Coordinator.
- 2 Students not completing a double major must select four units of elective courses from courses offered at undergraduate level from Faculty of Business and Law or Faculty of Sciences undergraduate programs or, with the approval of the Program Coordinator, from undergraduate programs offered by other faculties at the University of Southern Queensland. Pre-requisite enrolment requirements must be satisfied for any course selected. CSC1402 Foundation Computing will not be approved as an elective.
- 3 Students taking the Applied Computer Science or Networking and Security major must take MAT1101 and CSC2406 as two of the three courses.

Combined/Double degree programs

Bachelor of Business and Bachelor of Information Technology (BBIT)

CRICOS code:	069697C
Units to complete:	32
Campus:	Toowoomba

Bachelor of Commerce and Bachelor of Information Technology (BCIT)

CRICOS code:	069698B
Units to complete:	32
Campus:	Toowoomba

Bachelor of Arts and Bachelor of Science (BABS)

CRICOS code:	030290C
Units to complete:	32
Campus:	Toowoomba

Bachelor of Engineering and Bachelor of Information Technology (BEBT)

CRICOS code:	030304B
Units to complete:	40
Campus:	Toowoomba

Other undergraduate Information Technology programs

For additional Information Technology programs please refer to the following:

- Computer Systems Engineering major under the Associate Degree of Engineering, Bachelor of Engineering Technology and Bachelor of Engineering on pages 66 and 74.
- Bachelor of Creative Arts (Creative Media – Multimedia) on page 46.
- Bachelor of Science (Computing) (Information Technology) on page 129.

Postgraduate Information Technology



Master of Information Systems (MIST)

CRICOS code 069704J

Units to complete 12

Duration 1.5–2 years

Start date February, July

Campus Toowoomba

Entry requirements Minimum of IELTS 6.0 or equivalent (no component lower than 5.5)
Introductory knowledge of computing consistent with that found in CIS1000 Information Systems Concepts
3-year bachelor degree or equivalent in an area other than computing
or
Graduate Certificate in Business
or Graduate Diploma of Business (Information Systems)
or equivalent

Program focus

MIST

The Master of Information Systems is offered in order to cater for the strong demand of non-information technology degree holders to acquire professional information technology qualifications.

MISX

The Master of Information Systems Extended is offered in order to cater for the strong demand for information technology qualifications.

Professional accreditation

The Master of Information Systems and the Master of Information Systems Extended programs are accredited at professional level by the Australian Computer Society and, through the Seoul Accord, is recognised in other countries.

Master of Information Systems Extended (MISX)

CRICOS code 069705G

Units to complete 16

Duration 2 years

Start date February, July

Campus Toowoomba

Entry requirements Minimum of IELTS 6.5 or equivalent (no component lower than 6.0)
2-year diploma or equivalent in an area other than computing
or
Graduate Certificate in Business
or Graduate Diploma of Business (Information Systems)
or equivalent introductory knowledge of computing consistent with that found in CIS1000 Information System Concepts

Program accreditation

These programs are accredited at professional level by the Australian Computer Society and are recognised in other countries.

Program structure

MIST

COURSES TO BE STUDIED	UNITS
Core courses	2
<i>plus</i> 4 x units of courses from List 1	4
<i>plus</i> 6 x units of courses from List 2	6
TOTAL	12

MISX - GENERAL INFORMATION TECHNOLOGY

COURSES TO BE STUDIED	UNITS
Core courses	2
<i>plus</i> 8 x units of courses from List 1	8
<i>plus</i> 6 x units of courses from List 2	6
TOTAL	16

MISX - INFORMATION SYSTEMS DEVELOPMENT, INFORMATION TECHNOLOGY MANAGEMENT

COURSES TO BE STUDIED	UNITS
Compulsory courses	8
<i>plus</i> 2 x units of courses from List 1	2
<i>plus</i> 6 x units of courses from List 2	6
TOTAL	16

CORE COURSES

CIS2000	Systems Analysis and Design
CIS2002	Database Design and Implementation

MIST

General Information Technology

List 1

Select **four** from the following:

CIS1101	Business Online
CIS2003	Component Based Software Development
CIS2005	Principles of Information Security
CIS3001	Object-Oriented Programming with Java
CIS3002	Business Analysis
CIS3003	Networks and Distributed Systems
CIS3007	Enterprise Systems Development and Architecture
CIS3008	Information Technology Service Management
CIS3009	Enterprise Systems in Practice
CIS3010	Oracle Development
CIS3011	Information Systems Project

List 2

Select **six** from the following:

CIS8000	Global Information Systems Strategy
CIS8004	Business Systems Planning and Implementation
CIS8008	Business Intelligence
CIS8009	Management of Business Data Communications and Telecommunications
CIS8010	Information Systems Project Management
CIS8011	Digital Innovation
CIS8018	Strategic Information Security
CIS8100	Digital Enterprise

Information Systems Development

List 1

Select **four** from the following:

CIS1101	Business Online
CIS2003	Component Based Software Development
CIS3001	Object-Oriented Programming with Java
CIS3003	Networks and Distributed Systems
CIS3007	Enterprise Systems Development and Architecture
CIS3010	Oracle Development

plus six courses from List 2 of the General Information Technology major

Information Technology Management

List 1

Select **four** from the following:

CIS1101	Business Online
CIS2005	Principles of Information Security
CIS3003	Networks and Distributed Systems
CIS3008	Information Technology Service Management
CIS3009	Enterprise Systems in Practice
CIS3011	Information Systems Project

plus six courses from List 2 of the General Information Technology major

MISX

General Information Technology

Select **eight** courses from List 1 of the MIST General Information Technology major

plus six courses from List 2 of the MIST General Information Technology major

Information Systems Development

Compulsory courses

CIS1101	Business Online
CIS2000	Systems Analysis and Design
CIS2002	Database Design and Implementation
CIS2003	Component Based Software Development
CIS3001	Object-Oriented Programming with Java
CIS3003	Networks and Distributed Systems
CIS3007	Enterprise Systems Development and Architecture
CIS3010	Oracle Development

List 1

Select **two** from the following:

CIS2005	Principles of Information Security
CIS3002	Business Analysis
CIS3008	Information Technology Service Management
CIS3009	Enterprise Systems in Practice
CIS3011	Information Systems Project

plus six courses from List 2 of the MIST General Information Technology major

Information Technology Management

Compulsory courses

CIS1101	Business Online
CIS2000	Systems Analysis and Design
CIS2002	Database Design and Implementation
CIS2005	Principles of Information Security
CIS3003	Networks and Distributed Systems
CIS3008	Information Technology Service Management
CIS3009	Enterprise Systems in Practice
CIS3011	Information Systems Project

List 1

Select **two** from the following:

CIS2003	Component Based Software Development
CIS3001	Object-Oriented Programming with Java
CIS3002	Business Analysis
CIS3007	Enterprise Systems Development and Architecture
CIS3010	Oracle Development

plus six courses from List 2 of the MIST General Information Technology major

Exemptions

MIST

A maximum of 6 exemptions based on completed equivalent postgraduate study from a recognised institution or relevant completed undergraduate study may be granted for the MIST. A maximum of 4 units of exemptions will be granted for undergraduate study.

MISX

A maximum of 8 units of exemption may be granted for the MISX based on completed equivalent postgraduate study from a recognised institution or on basis of relevant completed undergraduate study. A maximum of 4 exemptions based on undergraduate study will be considered.



The best thing about studying at USQ is the multicultural experience and the emphasis on practical knowledge rather than just theory. You should start your career with USQ. I have no words to describe the quality of education here - it really has met all of my expectations.

RUSHI PATEL

MASTER OF COMPUTING

COUNTRY OF ORIGIN: INDIA

Graduate Diploma of Information Technology (GDTI)

CRICOS code	008698G
Units to complete	8
Duration	1 year
Start date	February, July
Campus	Toowoomba
Entry requirements	<p>Minimum of IELTS 6.5 or equivalent (no component lower than 6.0)</p> <p>3-year bachelor degree or equivalent from a recognised university in an area other than computing</p> <p>or</p> <p>An equivalent qualification or relevant work experience</p>
Program articulation	To: Master of Computing; Master of Computing Technology; Master of Computing Technology (Extended)



Master of Computing (MCOP)

CRICOS code	066847G
Units to complete	12
Duration	1.5 years
Start date	February, July
Campus	Toowoomba
Entry requirements	<p>Minimum of IELTS 6.5 or equivalent (no component lower than 6.0)</p> <p>3-year bachelor degree from a recognised university in the field of computing¹</p> <p>or</p> <p>USQ Graduate Diploma of Information Technology/Graduate Diploma of Professional Computing/Graduate Diploma of Advanced Computing¹</p>
Program articulation	From: Graduate Diploma of Information Technology (Faculty of Sciences)

Program focus

GDIT

The Graduate Diploma of Information Technology provides professional qualifications in computing for graduates from disciplines other than computing or information systems.

MCOP

This program provides students with the opportunity to add to their knowledge and skills obtained in an undergraduate program in computing. This will be accomplished by students undertaking coursework of a different type or at a higher level than in their undergraduate program. In addition, students studying the Master of Computing will undertake a four-unit project, and research training to qualify them for PhD studies.

Program accreditation

GDTI

This program is accredited at Associate level by the Australian Computer Society and, through the Seoul Accord, is recognised in other countries.

MCOP

This program is accredited at Professional level by the Australian Computer Society and, through the Seoul Accord, is recognised in other countries.

Program structure

GDTI

COURSES TO BE STUDIED	UNITS
Core courses	4
<i>plus</i> 4 x electives	4
TOTAL	8

MCOP

COURSES TO BE STUDIED	UNITS
8 x coursework courses (Max exemption from completed GDTI is 4 courses)	8
<i>plus</i> 1 x research project	4
TOTAL	12

GDIT

Core Courses

CIS1000	Information Systems Concepts
CSC1401	Foundation Programming
CSC2407	Introduction to Software Engineering
MAT1101	Discrete Mathematics for Computing

Electives²

Select **four** from the following:

CSC2401	Algorithms and Data Structures
CSC2402	Object-Oriented Programming in C++
CSC2404	Operating Systems
CSC2406	Web Technology
CSC2408	Software Development Tools
CSC3400	Database Systems
CSC3403	Comparative Programming Languages
CSC3407	Network Fundamentals and Routing
CSC3412	System and Security Administration
CSC3413	Network Design and Analysis
CSC3419	XML and the Web
CSC3420	Mobile Internet Technology
CSC3427	Switching, Wireless and WAN Technologies
MAT2409	High Performance Numerical Computing

MCOP

Coursework Courses

Select **eight** of the following courses³

CSC3400	Database Systems
CSC3403	Comparative Programming Languages
CSC3407	Network Fundamentals and Routing
CSC3412	System and Security Administration
CSC3413	Network Design and Analysis
CSC3427	Switching, Wireless and WAN Technologies
CSC8407	Wireless and Internet Technology
CSC8408	e-Commerce Technology
CSC8409	XML and Semantic Web Services
CSC8410	Independent Studies in Computing/Mathematics/ Statistics A
CSC8411	Independent Studies in Computing/Mathematics/ Statistics B
CSC8415	Computer Network Programming
CSC8416	Advanced Programming in Java
CSC8417	Advanced Web Data Management
CSC8419	Cryptography and Security
CSC8420	Mobile Systems
CSC8480	Computing Complementary Studies A
CSC8490	Computing Complementary Studies B

Research Project Courses

MSC8001	Research Project Methodology ⁴
MSC8002	Research Project Dissertation ⁴

1 Or an approved equivalent.

2 At least two courses must be from Level 3.

3 At least four courses must be from Level 8.

4 Two units.



Master of Computing Technology (MCOT)

CRICOS code	069702M
Units to complete	12
Duration	1.5 years
Start date	February, July
Campus	Toowoomba
Entry requirements	Minimum of IELTS 6.0 or equivalent (no component lower than 5.5) 3-year bachelor degree from a recognised university ¹ Introductory knowledge of computing ²
Program articulation	From: Graduate Diploma of Information Technology (Faculty of Sciences)



Master of Computing Technology (Extended) (MCTE)

CRICOS code	069703K
Units to complete	16
Duration	2 years
Start date	February, July
Campus	Toowoomba
Entry requirements	Minimum of IELTS 6.0 or equivalent (no component lower than 5.5) 3-year bachelor degree from a recognised university ¹ Introductory knowledge of computing ²
Program articulation	From: Graduate Diploma of Information Technology (Faculty of Sciences)

Program focus

MCOT

The Master of Computing Technology (MCOT) is a vocationally and academically-oriented program. With majors in Networking and System Security, Software Engineering and Web Technology, MCOT provides graduates with skills and knowledge in key areas of computing which relate to their needs and the needs of their profession or industry.

MCTE

The Master of Computing Technology (MCTE) is a vocationally and academically-oriented program. With majors in Networking and System Security, Software Engineering and Web Technology, MCTE provides graduates with skills and knowledge in key areas of computing which relate to their needs and the needs of their profession or industry.

NOTE

Students wishing to enrol in the USQ Doctor of Philosophy (PhD) program must complete the Master of Computing Technology (Extended) which includes MSC8001 and MSC8002. Please see the Program Articulation section of the Handbook at

www.usq.edu.au/handbook

Program structure

MCOT

COURSES TO BE STUDIED	UNITS
Major courses (optional) ³	10
<i>plus</i> 2 x electives	2
TOTAL	12

MCTE

COURSES TO BE STUDIED	UNITS
Major courses (optional) ³	8
<i>plus</i> 2 x electives	2
<i>plus</i> 4 x CSC electives ⁴	4
TOTAL	16

NETWORKING AND SYSTEM SECURITY MAJOR

MCOT

CSC2402	Object-Oriented Programming in C++
CSC2408	Software Development Tools
CSC3407	Network Fundamentals and Routing
CSC3412	System and Security Administration
CSC3413	Network Design and Analysis
CSC3427	Switching, Wireless and WAN Technologies
CSC8407	Wireless and Internet Technology
CSC8408	e-Commerce Technology
CSC8415	Computer Network Programming
CSC8419	Cryptography and Security
<i>plus</i> two	Level 8 electives ⁵

MCTE

Students must complete the 12 courses listed under the Networking and System Security major in the Master of Computing Technology, plus four CSC electives subject to the restrictions listed in the Program Structure section of the Handbook at www.usq.edu.au/handbook

Students wishing to enrol in the USQ Doctor of Philosophy (PhD) program must complete MSC8001 and MSC8002 as the 4 x CSC electives.

SOFTWARE AND THE WEB MAJOR

MCOT

CSC2406	Web Technology
CSC2407	Introduction to Software Engineering
CSC2408	Software Development Tools
CSC3400	Database Systems
CSC3403	Comparative Programming Languages
CSC3407	Network Fundamentals and Routing
CSC8409	XML and Semantic Web Services
CSC8416	Advanced Programming in Java
CSC8417	Advanced Web Data Management
CSC8420	Mobile Systems

plus two Level 8 electives⁵

MCTE

Students must complete the 12 courses listed under the Networking and System Security major in the Master of Computing Technology, plus four CSC electives subject to the restrictions listed in the Program Structure section of the Handbook at www.usq.edu.au/handbook. Students wishing to enrol in the USQ Doctor of Philosophy (PhD) program must complete MSC8001 and MSC8002 as the 4 x CSC electives.

- 1 Or an approved equivalent.
- 2 Consistent with MAT1101, CSC1401 and CIS1000.
- 3 Students may undertake a major in Network and System Security or Software and the Web by completing the associated courses. A major represents a grouping of related courses. Note that it is not compulsory to undertake a major in this program.
- 4 CSC courses are courses with course codes starting with CSC, for example CSC3413 Network design and Analysis or CSC8416 Advanced Programming in Java.
- 5 These electives should be Level 8 courses and approval from the Program Coordinator is required if the courses are not CSC courses.

Other postgraduate Information Technology programs

For additional on-campus postgraduate programs related to IT, please refer to the following:

- Postgraduate Certificate in Business (Information Systems) on page 35.
- Graduate Certificate in Engineering Technology (Computer Systems and Telecommunications Engineering) on page 88.
- Graduate Diploma of Business (Information Systems) on page 34.
- Master of Business Administration (Information Systems) on page 40.
- Master of Business (Information Systems) on page 37.
- Master of Engineering Technology (Computer Systems and Telecommunications Engineering) on page 88.
- Master of Project Management (Information Systems) on page 42.

RESEARCH

- Master of Business Research on page 140.
- Doctor of Philosophy on page 139.

Undergraduate Sciences

■ Bachelor of Science (BSCI)

CRICOS code	042230E
Units to complete	24
Duration	3 years
Start Date	February, July
Campus	Fraser Coast ^{1,2} , Toowoomba ¹
Entry requirements	Minimum of IELTS 6.0 or equivalent (no component lower than 5.5) Year 12 Senior Certificate or equivalent from a recognised institution A-level mathematics ³ or equivalent A-level biological science, chemistry, physics, or multi-strand science or equivalent, depending on major selected

Program focus

12-UNIT MAJORS

Information Technology

The Information Technology major will help to develop your skills and knowledge in software development, programming languages, networking and the design and implementation of computer systems and information systems.

Mathematics and Statistics

This major allows you to develop skills in mathematics and statistics and examine the fundamentals of pure and applied mathematics, theoretical and applied statistics, mathematical modelling and operations research. You will learn how to use computational methods as an aid to the processes of analysis, modelling and decision-making.

Psychology⁵

Whilst becoming a registered psychologist requires further training, this major gives you the foundation needed to begin to understand how people develop throughout their lives; behave in groups, organisations and communities; see, think, hear, feel, learn and remember; relate and interact with others; and cope with anxiety, ageing, death, divorce, disability, disaster, accidents and other life events. Accredited by the Australian Psychology Accreditation Council (APAC) as providing the first three years of the necessary requirements for full membership of the Australian Psychological Society (APS) and the first three years of the necessary requirements for full registration as a psychologist in Australia, this major is ideal if you are wishing to pursue a career as a psychologist. Full membership of the Australian Psychological Society requires six years of appropriate university study: an honours year plus a masters degree, or substantial progress towards a doctorate. Full registration as a psychologist requires an honours year plus two years of supervised practice; or an honours year plus a masters or doctorate degree.

8-UNIT MAJORS

Biology⁴

The Biology major in the Bachelor of Science (BSCI) provides you with a broad knowledge in biology, chemistry and communications, and a more detailed knowledge in disciplines, such as biochemistry, genetics, microbiology and physiology.

Computing

This major provides flexibility to meet your needs if you are wishing to combine some computing studies with other science disciplines. This major will be of particular value to you if you are seeking a career in teaching secondary science and computing.

Environment and Sustainability

The Environment and Sustainability major draws on the disciplines of climatology, ecology and conservation to provide you with a relevant and applied understanding of the natural environment, its biodiversity and human impacts. The major focuses on practical approaches to resource management, biodiversity conservation and climate change mitigation and adaptation. On successful completion of this major, you will have a detailed knowledge of major environmental issues, key climate mechanisms, core ecological principles and human (socio-political) factors impacting upon the global environment, and enable you to apply this knowledge in natural resource management and related disciplines.

Human Physiology⁴

To strengthen your appreciation of the connections between psychological and physiological aspects of human health, you may combine this major with another discipline area, such as Psychology.

Mathematics

An ideal option if you wish to pursue a double major or double degree path, this major enables you to combine the rigour and logic of a scientific approach, which is an integral part of mathematical studies, with the specifics of a professional area of a particular interest. You will be able to undertake a second major which can be chosen from any of the other eight-course majors defined for the Bachelor of Science, or (with the approval of the Program Coordinator) from other eight-course majors from other undergraduate programs in the University.

OTHER MAJORS

Other majors available via distance education include: Physical Sciences.

Professional accreditation

The Information Technology major and the Computing major of this program are accredited at professional level by the Australian Computer Society and, through the Seoul Accord, is recognised in other countries. The Bachelor of Science (Psychology) major is fully accredited by the Australian Psychology Accreditation Council as a three-year sequence of study.

Program structure

COURSES TO BE STUDIED	UNITS
Core courses ³	4
<i>or</i> 1 x 12-unit major	
<i>plus</i> 1 x 8-unit major	
<i>or</i> 1 x 4-unit minor <i>plus</i> 4 x electives	
<i>or</i> 8 x electives	20
<i>or</i> 1 x first 8-unit major	
<i>plus</i> 1 x second 8-unit major <i>plus</i> 4 x electives	
<i>or</i> 12 x electives	
TOTAL	24

CORE COURSES

Biology, Human Physiology³

CSC1402	Foundation Computing
STA2300	Data Analysis
CMS1000	Communication and Scholarship
<i>or</i>	CMS1100 Communicating in the Sciences ⁶

Computing, Information Technology

CMS1000	Communication and Scholarship
CSC1401	Foundation Programming
MAT1101	Discrete Mathematics for Computing
STA2300	Data Analysis

Environment and Sustainability

CSC1402	Foundation Computing
STA2300	Data Analysis
CMS1000	Communication and Scholarship
<i>or</i>	CMS1100 Communicating in the Sciences ⁶
MAT1100	Foundation Mathematics
<i>or</i>	MAT1102 Algebra and Calculus I

Mathematics, Mathematics and Statistics

CMS1000	Communication and Scholarship
CSC1401	Foundation Programming
MAT1101	Discrete Mathematics for Computing
STA2300	Data Analysis

Physical Sciences

CSC1402	Foundation Computing
STA2300	Data Analysis
CMS1000	Communication and Scholarship
<i>or</i>	CMS1100 Communicating in the Sciences ⁶
MAT1000	Mathematics Fundamentals
<i>or</i>	MAT1100 Foundation Mathematics

Psychology

CMS1000	Communication and Scholarship
CSC1402	Foundation Computing
PSY1030	Cross-Cultural and Indigenous Psychology
STA2300	Data Analysis

Information Technology (12 Units)

CIS1000	Information Systems Concepts
CSC2401	Algorithms and Data Structures
CSC2402	Object-Oriented Programming in C++
CSC2408	Software Development Tools
ELE1301	Computer Engineering
<i>plus seven</i>	from the following: ⁷
CSC2404	Operating Systems
CSC2406	Web Technology
CSC2407	Introduction to Software Engineering
CSC3400	Database Systems
CSC3403	Comparative Programming Languages
CSC3407	Network Fundamentals and Routing
CSC3412	System and Security Administration
CSC3413	Network Design and Analysis
CSC3419	XML and the Web
CSC3420	Mobile Internet Technology
CSC3427	Switching, Wireless and WAN Technologies

Mathematics and Statistics (12 Units)

MAT1102	Algebra and Calculus I
MAT1200	Operations Research 1
MAT2100	Algebra and Calculus II
MAT2409	High Performance Numerical Computing
MAT3103	Mathematical Modelling and Dynamical Systems ⁹
MAT3104	Mathematical Modelling in Financial Economics ⁸
MAT3105	Harmony of Partial Differential Equations ⁹
MAT3201	Operations Research 2 ⁸
STA2301	Distribution Theory
STA2302	Statistical Inference
STA3300	Experimental Design
STA3301	Statistical Models

Psychology (12 Units)

PSY1010	Foundation Psychology A
PSY1020	Foundation Psychology B
PSY2010	Social Processes of Behaviour
PSY2020	Motivation and Emotion
PSY2030	Developmental Psychology
PSY2040	Human Information Processing
PSY2100	Research Methods in Psychology A
PSY3010	Assessment of Behaviour
PSY3030	Abnormal Behaviour
PSY3050	Counselling Psychology
PSY3110	Clinical Health Psychology
PSY3111	Research Methods in Psychology B

Biology (8 Units)

BI01101 Biology 1
 BI02103 Biology 2

plus two from the following:

BI01104 Medical Microbiology and Immunology 1
 BI02201 Biochemistry 1
 BI02207 Genetics
 CHE1110 Chemistry 1
 CHE2120 Chemistry 2
 REN2200 Ecology for Sustainability

plus four from the following:⁷

BI02202 Plant Physiology
 BI02203 Human Physiology
 BI02209 Cell Biology
 BI02213 Pharmacology
 BI03301 Biochemistry 2
 BI03333 Cardiorespiratory and Sports Physiology
 REN1201 Environmental Studies
 REN2200 Ecology for Sustainability
 REN3301 Biodiversity and Conservation¹⁰
 REN3302 Sustainable Resource Use

Computing (8 Units)

CIS1000 Information Systems Concepts
 CSC2401 Algorithms and Data Structures
 CSC2402 Object-Oriented Programming in C++
 CSC2408 Software Development Tools
 ELE1301 Computer Engineering

plus three from the following:

CSC3400 Database Systems
 CSC3403 Comparative Programming Languages
 CSC3407 Network Fundamentals and Routing
 CSC3412 System and Security Administration
 CSC3413 Network Design and Analysis
 CSC3419 XML and the Web
 CSC3420 Mobile Internet Technology
 CSC3427 Switching, Wireless and WAN Technologies

Environment and Sustainability (8 Units)

CLI1110 Weather and Climate
 CLI2201 Climate Change and Variability
 CLI3301 Climate & Environment Risk Assessment
 CLI3302 Adaptation to Climate Change
 REN1201 Environmental Studies¹¹
 REN2200 Ecology for Sustainability
 REN3301 Biodiversity and Conservation¹¹
 REN3302 Sustainable Resource Use¹¹

Human Physiology (8 Units)

BI01101 Biology 1
 BI01203 Human Anatomy and Physiology
 BI02203 Human Physiology
 BI02213 Pharmacology
 BI03313 Human Physiology and Pharmacology in Disease 1
 BI03323 Human Physiology and Pharmacology in Disease 2

plus two from the following:

BI01204 Introduction to Biomedical Sciences
 BI03333 Cardiorespiratory and Sports Physiology
 BI03620 Physiology and Pathophysiology 1
 BI03630 Physiology and Pathophysiology 2

Mathematics (8 Units)

MAT1102 Algebra and Calculus I
 MAT1200 Operations Research 1
 MAT2100 Algebra and Calculus II
 MAT2409 High Performance Numerical Computing
 MAT3103 Mathematical Modelling and Dynamical Systems⁹
 MAT3104 Mathematical Modelling in Financial Economics⁸
 MAT3105 Harmony of Partial Differential Equations⁹
 MAT3201 Operations Research 2⁸

Physical Sciences (8 Units)

CLI2201 Climate Change and Variability
 PHY1104 Physics Concepts 1
 PHY1911 Physics Concepts 2
 PHY2204 Astronomy and Astrophysics
 PHY2206 Medical Physics
 PHY3303 Modern Physics
 PHYS313 Applied Photonics¹²

plus one from the following:

PHYS207 Fluid Mechanics¹²
 PHYS211 Electronics¹²
 SPX202 Biomechanics¹³

- 1 Students may commence studying the Human Biology major in Semester 3, studying courses via distance education and on-campus and then continuing the program next year at the Toowoomba campus. The full complement of courses are not available in Semester 3; therefore, full-time students may not be able to complete in three years if commencing in Semester 3.
- 2 Please note that Fraser Coast campus students can only study first-year Bachelor of Science (Biology) and Bachelor of Science (Human Biology) at Fraser Coast campus. Students will then need to transfer to the Toowoomba campus to complete their studies. Both these programs are only available for the Semester 1 intake at the Fraser Coast campus. Semester 2 intake is only applicable to students studying at the Toowoomba campus.
- 3 The Human Biology, Human Physiology and Biology majors only have three core courses. If students do not have the recommended Mathematics B level for entry then they will be required to undertake MAT1000 as an elective. Alternatively, an additional elective may be required to be taken to complete the 24 units to graduate.
- 4 The majors in Human Biology, Biology and Human Physiology are not available by distance education.
- 5 First-year Psychology will be offered by mixed mode with four non-Psychology courses offered on-campus at Fraser Coast, and four Psychology courses in the external mode.
- 6 Students can study CMS1000 externally instead of CMS1100 in Semester 3.
- 7 At least three courses must be Level 3 courses.
- 8 This course is offered in odd-numbered years only.
- 9 This course is offered in even-numbered years only.
- 10 Only available on-campus at Springfield campus.
- 11 Available on-campus at Springfield and Toowoomba campuses.
- 12 These courses are offered by the University of New England and made available to USQ students (requiring cross-institutional enrolment into the specified university).
- 13 These courses or equivalent are offered by the University of the Sunshine Coast and made available to USQ students (requiring cross-institutional enrolment into the specified university).



Bachelor of Science (Honours) (BSCH)

CRICOS code 043510M

Units to complete 8

Duration This program must be completed within two years of first enrolling

Start Date February¹, July

Campus Toowoomba²

Entry requirements Minimum of IELTS 6.0 or equivalent (no component lower than 5.5)

3-year Bachelor of Science Degree or equivalent from a recognised institution with a minimum GPA of 5.0 (Credit) completed a maximum of 3 years prior to application

Additional requirements Psychology major: candidates must have completed a program of study approved by the Australian Psychology Accreditation Council (APAC) as constituting the first 3 years (or equivalent) of study in psychology within the last 3 years

Biology major: candidates must have submitted, and had approved, a project proposal for which an appropriate supervisor is available before commencing studies

Program focus

The Bachelor of Science (Honours) gives you the opportunity to extend your knowledge and skills in a specific discipline area that interests you. You will have the opportunity to conduct and report on a research project under the supervision of a staff member with the appropriate expertise. The program will give you an appreciation of the professional standards required of the practising scientist, and the ethical challenges presented by modern science and technology. You will also participate in research teams, be introduced to advanced experimental and literature research methods, and have opportunities to make contact with the wider scientific community in the local region, elsewhere in Australia and overseas. Majors are available in:

- Applied Mathematics/Statistics
- Biology, Chemistry, Climatology and Physics
- Psychology.

NOTE

The availability of these majors are subject to the availability of a suitable supervisor for an appropriate project.

Professional accreditation

PSYCHOLOGY MAJOR

The Bachelor of Science (Honours) Psychology major is available in both on-campus and external mode, and is fully accredited by the Australian Psychology Accreditation Council (APAC) as a fourth-year program in psychology. As a graduate of the Bachelor of Science (Honours) program, students will be eligible to apply for provisional registration as a psychologist with the Psychology Board of Australia. However, there is a requirement to complete a further two years of supervised practice or an approved masters program after initial registration. Graduates are also eligible to apply to the Australian Psychological Society for Associate Membership.

If graduates achieve a high level of honours (either First Class or Second Class, Division A), they would be eligible to apply for a masters program or PhD at USQ and other universities.

Program structure

COURSES TO BE STUDIED	UNITS
1 x major ³	8
TOTAL	8

APPLIED MATHEMATICS/STATISTICS

CSC8410	Independent Studies in Computing/Mathematics/Statistics A
CSC8411	Independent Studies in Computing/Mathematics/Statistics B
MAT8180	Mathematics/Statistics Complementary Studies A
MAT8190	Mathematics/Statistics Complementary Studies B
MSC8001	Research Project Methodology ⁴
MSC8002	Research Project Dissertation ⁴

BIOLOGY/CHEMISTRY/CLIMATOLOGY AND PHYSICS

SCI4401	Science Honours Project A ⁵
SCI4402	Science Honours Project B ⁵
SCI4403	Special Study in Science
SCI4405	Research Practice and Ethics

PSYCHOLOGY⁶

PSY4001	Psychology Honours Project 1 ⁷
PSY4002	Psychology Honours Project 2 ⁷
PSY4020	Ethical and Professional Practice ⁸
PSY4030	Skills and Issues in Counselling ⁸
PSY4070	Advanced Assessment
PSY4111	Multivariate Analysis ⁸
PSY4040	Advanced Psychological Theory ^{8,9} or PSY4065 Positive Psychology: Theory and Application ¹⁰

- 1 The Psychology honours program usually has a Semester 1 intake.
- 2 Only the Psychology major is available externally and compulsory residential school attendance is required on-campus in Toowoomba four times yearly. Overseas students can only complete the Psychology honours program as full-time on-campus students.
- 3 The availability of these majors is subject to the availability of a suitable supervisor for an appropriate project.
- 4 Two units.
- 5 Three units.
- 6 The Psychology major has a compulsory residential school at the Toowoomba campus.
- 7 This course is worth 1.5 units.
- 8 Students intending to study this course by distance education must attend two residential schools, of one week's duration each, in the relevant semester.
- 9 This course is only offered at Toowoomba campus.
- 10 This course is only offered at Springfield campus.

■ Bachelor of Technology (Wine) (BTWN)

CRICOS code 066077M

Units to complete 24

Duration 3 years

Start date February

Campus Toowoomba¹

Entry requirements Minimum of IELTS 6.0 or equivalent (no component lower than 5.5)

Year 12 Senior Certificate or equivalent from a recognised institution

Mathematics B and biological science or chemistry or equivalent is recommended

Program focus

In this program you will develop your knowledge and skills in winemaking, wine science, viticulture, wine business and wine appraisal. You can complete your studies full-time, or part-time while working in the wine industry. Courses cover key theoretical concepts and provide intensive, industry-focused practical experience. Unique features of this program include integrated studies in wine business and weather, climate and climate change, as well as intensive, integrated practical and industry experience.

Program structure

COURSES TO BE STUDIED	UNITS
Core courses	22
<i>plus</i> 2 x electives	2
TOTAL	24

CORE COURSES

BIO1101	Biology 1 ²
BIO2202	Plant Physiology ²
CHE1110	Chemistry 1 ²
CHE2120	Chemistry 2 ²
CLI1110	Weather and Climate
MKT3006	Small and Medium Enterprise Development
MKT1001	Introduction to Marketing
SCI3302	Industry Placement
STA2300	Data Analysis
WIN1101	Grape and Wine Production
WIN2102	Wine Composition, Stability and Analysis
WIN2201	Wine Analysis Practice ³
WIN2202	Winemaking Practice 1
WIN2203	Viticultural Practice 1
WIN2204	Wine Biochemistry
WIN2205	Viticultural Principles
WIN2206	Wine Microbiology
WIN3301	Sensory Analysis
WIN3302	Viticultural Production
WIN3303	Wine Production
WIN3304	Viticultural and Winemaking Practice 2
WIN3306	Sensory Analysis Practice

plus two electives

BUSINESS ELECTIVES

MKT1002	Consumer Behaviour
MKT2001	Promotion Management
MKT2002	Global Marketing
MKT2004	Marketing Channels
MKT3001	Applied Business Research
MKT3007	Marketing Strategy
TOU3010	Event Management

- 1 This program is not available fully on-campus or fully by distance education; to complete the program students will need to undertake courses in a mix of external and on-campus modes.
- 2 For some of the courses listed, you will need to attend residential schools. These will be in two blocks (Semester 1 – BIO1101 and CHE1110; Semester 2 – CHE2120 and BIO2202). International and domestic students residing overseas who want to carry forward all practical components into the final year will need to study these courses in first year; these courses will carry incomplete grades until the practical components are completed.
- 3 Offered in Semester 3 only.

■ Combined/Double degree programs

Bachelor of Commerce and Bachelor of Science (BCSC)

CRICOS code: 074633K
Units to complete: 32
Campus: Toowoomba

Bachelor of Arts and Bachelor of Science (BABS)

CRICOS code: 030290C
Units to complete: 32
Campus: Toowoomba

Bachelor of Engineering and Bachelor of Science (BEBS)

CRICOS code: 034159G
Units to complete: 40
Campus: Toowoomba

Other undergraduate Science programs

For additional Science programs, please refer to the following:

- Bachelor of Nursing on page 95.
- Bachelor of Psychology in Business on page 96.
- Bachelor of Psychology (Honours) on page 97.
- Bachelor of Health on page 93.
- Bachelor of Biomedical Science (Honours) on page 98.
- Bachelor of Information Technology on page 120.



Postgraduate Sciences

Graduate Certificate in Science (GCSC)

CRICOS code 069701A

Units to complete 4

Duration 0.5 year

Start date February, July

Campus Toowoomba

Entry requirements Minimum of IELTS 6.5 or equivalent (no component lower than 6.0)

3-year degree from an Australian university or equivalent

Program focus

The Graduate Certificate in Science focuses on providing educators, science communicators and others with an opportunity to further their knowledge in areas critical to their professional responsibilities and interests.

Program structure

COURSES TO BE STUDIED	UNITS
Any four units from undergraduate science, computing and mathematics courses ¹	4
TOTAL	4

Courses can be chosen from one, or a combination of, the following disciplines:

- Biology
- Biomedical Sciences
- Chemistry
- Computing
- Environment and Sustainability
- Mathematics
- Physics

NOTE

Other areas of study are available through distance and online modes. Please check www.usq.edu.au/handbook for a complete listing.

Practical experience

Students will obtain practical and/or field work experience as part of individual courses studied.

- 1 You may also select a fourth course in science or maths education, with the approval of the Program Coordinator and the Faculty of Education.



Graduate Diploma of Mathematics (GDMA)

CRICOS code 031448M

Units to complete 8

Duration 1 year

Start date February, July

Campus Toowoomba

Entry requirements Minimum of IELTS 6.5 or equivalent (no component lower than 6.0)
3-year bachelor degree or equivalent in a non-mathematics discipline

or

An approved qualification at least equivalent to the above

NOTE

Applicants whose degree or equivalent qualification includes a major in mathematics or statistics will not normally be eligible for admission. In such instances, a case for admission will need to be made to the Head of Department.

Program focus

This program gives graduates from a non-mathematical area the opportunity to gain knowledge and skills in areas of mathematics that are relevant to their professional or industrial careers.

Program structure

COURSES TO BE STUDIED	UNITS
Mathematics and Statistics courses	8
TOTAL	8

MATHEMATICS AND STATISTICS COURSES

Students must complete any **eight** courses from the following, with at least **two** courses from Level 3 and at least **five** courses are from the Mathematics and Statistics major of the Bachelor of Science:

Level 1

CSC1401	Foundation Programming
MAC1901	Mathematics for Teachers
MAT1101	Discrete Mathematics for Computing
MAT1200	Operations Research 1 ¹
MAT1100	Foundation Mathematics
	or MAT1500 Engineering Mathematics 1
MAT1102	Algebra and Calculus I ¹
	or MAT1502 Engineering Mathematics 2

Level 2

CSC2401	Algorithms and Data Structures
CSC2402	Object-Oriented Programming in C++
MAT2409	High Performance Numerical Computing ¹
STA2300	Data Analysis
STA2301	Distribution Theory ¹
STA2302	Statistical Inference ¹
MAT2100	Algebra and Calculus II ¹
	or MAT2500 Engineering Mathematics 3

Level 3

MAT3103	Mathematical Modelling and Dynamical Systems ^{1, 2}
MAT3104	Mathematical Modelling in Financial Economics ^{1, 3}
MAT3105	Harmony of Partial Differential Equations ^{1, 2}
MAT3201	Operations Research 2 ^{1, 3}
STA3300	Experimental Design ¹
STA3301	Statistical Models ¹

¹ This course is part of the Mathematics and Statistics major of the Bachelor of Science.

² Available in even-numbered years (e.g. 2012, 2014).

³ Available in odd-numbered years (e.g. 2013, 2015).

■ Master of Science (MSCC)

CRICOS code 072518G

Units to complete 8

Duration 1 year

Start date February, July

Campus Toowoomba

Entry requirements Minimum of IELTS 6.5 (no component lower than 6.0) or equivalent

Bachelor degree or equivalent qualification from a recognised university

Program focus

BIOTECHNOLOGY MAJOR

This eight-unit program provides graduates with knowledge of selected basic concepts and skills associated with the areas of biotechnology. The program aims to produce graduates who are equipped with the essential scientific knowledge in one of these fields, and an appreciation of the latest literature and technologies.

OTHER MAJOR

The Climate Adaptation major is available via on-campus study and distance education, but only 4 courses are offered on-campus. Therefore, this major is not suitable for international students who wish to study on-campus.

Program structure

COURSES TO BE STUDIED	UNITS
Biotechnology major courses ¹	8
TOTAL	8

NOTE

Different combinations of biotechnology major courses offer specialisations in Molecular Biology, Bioinformatics, Agricultural Biotechnology and Pharmaceutical Development.

NOTE

Program structure is under review and some of the listed courses may not be available in 2013, including BIO2209 and BIO3309.

BIOTECHNOLOGY MAJOR COURSES

Select **eight** from the following:

BIO2209	Cell Biology ²
BIO3309	Molecular Biology ²
BIO8104	Special Study in Biomedical Science
BIO8105	Cardiovascular Science
BIO8211	Bioinformatics
BIO8412	Biotechnology in Sustainable Systems
BIO8414	Drug Design and Discovery
BIO8415	Drug Development and Commercialisation
BIO8416	Biotechnology Project
SCI4403	Special Study in Science
SCI4405	Research Practice and Ethics

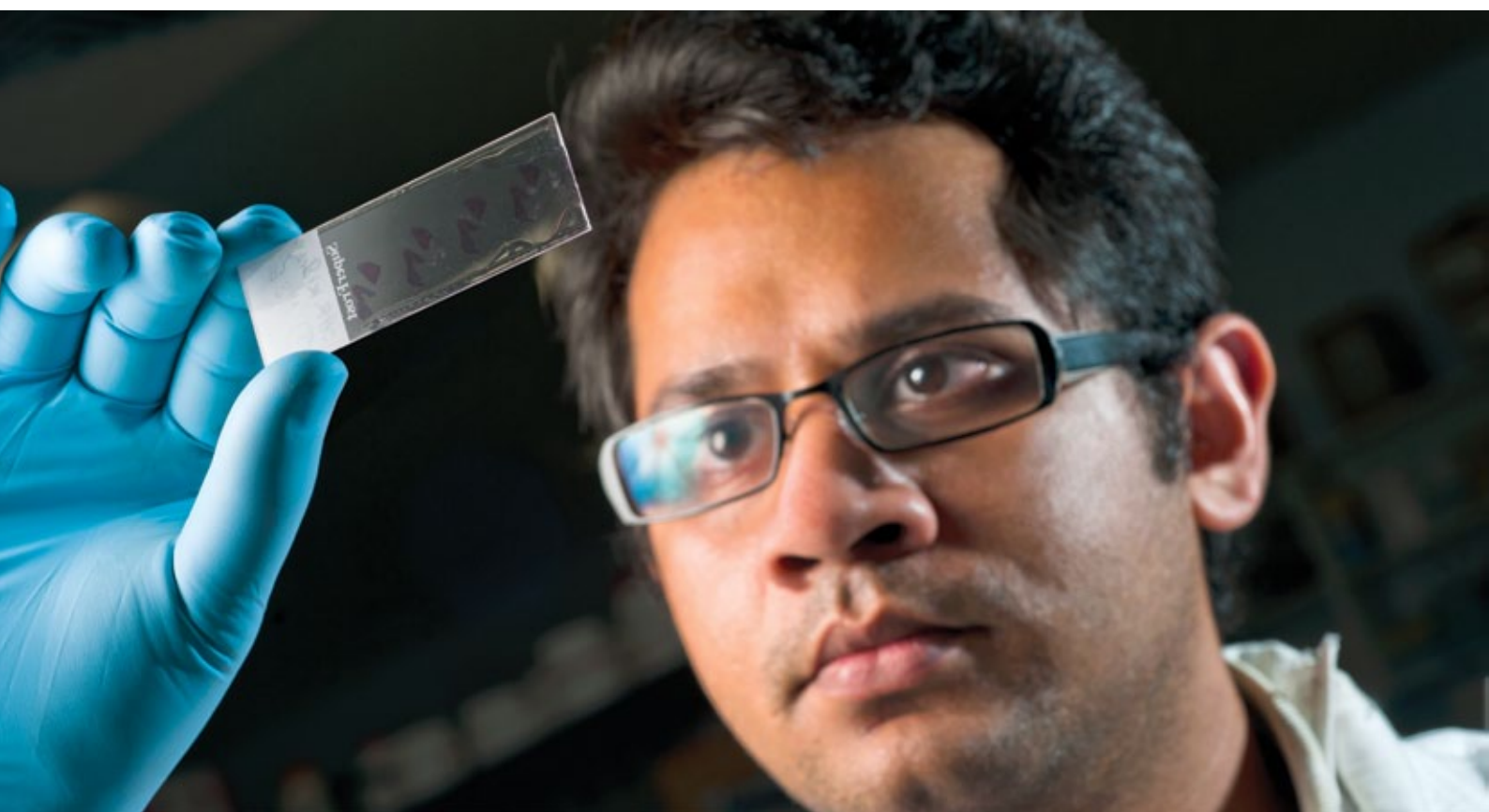
or Elective from the Faculty of Business and Law or other approved elective

NOTE

Other areas of study are available through distance and online modes. Please check www.usq.edu.au/handbook for a complete listing.

¹ At least 4 of the courses must be Level 8.

² Laboratory or residential school components.



Research Programs

■ Doctor of Philosophy (DPhD)

CRICOS code	031453C
Units to complete	24
Duration	3 years
Start date	February, July
Campus	Fraser Coast, Springfield, Toowoomba
Entry requirements	<p>Minimum of IELTS 6.5 or equivalent (no component lower than 6.0)</p> <p><i>plus</i></p> <p>Bachelor degree with First Class Honours or Second Class Honours (Division A) or equivalent</p> <p>Masters degree (with a research component)</p> <p>Other qualifications equivalent to First Class Honours, together with evidence of professional standing.</p> <p>Normally, all students will be enrolled as provisional candidates, with their status being reviewed within 12 months full-time or 24 months part-time enrolment.</p> <p>Application forms and advice on procedures for enrolment may be obtained from the International Recruitment and Admissions office. Intending students are advised to allow several months for discussion with potential supervisors and for consideration of the application prior to the commencement of the program.</p>

Program focus

The Doctor of Philosophy is a research degree offered by all faculties across the University. It will provide you with a high level of training to become an effective and competent researcher in your discipline of interest.

Program structure

COURSES TO BE STUDIED	UNITS
Research project	24
TOTAL	24

Supervision

This program is based on supervision by a principal and an associate supervisor; therefore, it is essential that intending candidates clarify their topic for research and seek an academic staff member able to provide supervision.

Master of Business Research

CRICOS code 059566G

Units to complete 12

Duration 1.5 years

Start date February, July

Campus Toowoomba

Entry requirements Minimum of IELTS 6.5 or equivalent (no component lower than 6.0)
3-year bachelor-appropriate degree in business, commerce or a related field from a recognised university
Minimum GPA of 5.0 on a 7.0 point scale in undergraduate degree, or minimum 5.5 for the second and third years of the degree

Applicants intending to undertake a dissertation in information systems must have prior studies in information systems or computing. On application, candidates must be able to provide an outline of the dissertation topic they intend to pursue.

NOTE

Admission is dependent upon the Faculty's capacity to supervise the proposed projects. Prospective candidates should consult with the Associate Dean (Research) before preparing their project proposals. Research concentrations within the Faculty of Business and Law are updated periodically.

Program focus

The Master of Business Research is a research degree that aims to train you in business research either for academic or management purposes. The task as a Master of Business Research student is to undertake a significant piece of research and report it in a scholarly dissertation. The Master of Business Research aims to provide you with opportunities to explore the resolution of particular management problems using specialist knowledge and advanced techniques through conducting research in a specialised area of business, management or information systems.

Program structure

COURSES TO BE STUDIED	UNITS
Coursework courses	4
<i>plus</i> dissertation courses	8
TOTAL	12

COURSEWORK COURSES

BUS8401	Research Methodology 1
BUS8402	Research Methodology 2
BUS8403	Research Methodology 3
BUS8404	Research Methodology 4

DISSERTATION COURSES¹

BUS8201	Masters Dissertation A ²
BUS8202	Masters Dissertation B ³

- ¹ The dissertation allows students to undertake in-depth, independent investigation in a chosen area of business. To complete the dissertation, students will be required to select a topic, develop a proposal, carry out supervised research on the topic using an appropriate research method and present the results in a dissertation of no more than 40 000 words.
- ² After successful completion of the coursework courses part-time candidates enrol in BUS8201 (comprising of two units) for each semester. This will normally be for a total of four semesters.
- ³ After successful completion of the coursework courses full-time candidates enrol in BUS8202 (comprising of four units) for each semester. This will normally be for a total of two semesters.

Master of Engineering Research (MENR)

CRICOS code 066076A

Units to complete 12

Duration 1.5 years

Start date February, July

Campus Toowoomba

Entry requirements Minimum of IELTS 6.5 or equivalent (no component lower than 6.0)

plus

4-year bachelor degree in engineering awarded by an Australian university or equivalent

Demonstrated high level of academic performance in undergraduate studies

or

Bachelor degree in science, applied mathematics, or a related field of study awarded by an Australian university or equivalent

Demonstrated high level of academic performance in undergraduate studies

Completed a qualifying program of engineering studies, as approved by the Dean of the Faculty of Engineering and Surveying

or

Minimum 5 years' experience as a professional engineer in a position of responsibility plus documentary evidence, such as technical publications, to the satisfaction of the Dean of the Faculty of Engineering and Surveying

Interview with the Dean of the Faculty of Engineering and Surveying, or his/her nominee, to assess the candidate's chance of success in the program

Program articulation To: Doctor of Philosophy

Program focus

This program is a research degree which allows students to develop critical research skills in their area of specialisation. A dissertation is produced, based on the research undertaken.

Program structure

COURSES TO BE STUDIED	UNITS
Core course	1
<i>plus</i> research courses	11
TOTAL	12

CORE COURSE

ENG8001 Engineering and Surveying Research Methodology

RESEARCH COURSES

plus 11 units from the following:

- ENG9011 Independent Research in Engineering and Surveying 1
- ENG9012 Independent Research in Engineering and Surveying 2
- ENG9021 Independent Research in Engineering and Surveying 1¹
- ENG9022 Independent Research in Engineering and Surveying 2¹
- ENG9023 Independent Research in Engineering and Surveying 3¹
- ENG9041 Independent Research in Engineering and Surveying 1²
- ENG9042 Independent Research in Engineering and Surveying 2²
- ENG9043 Independent Research in Engineering and Surveying 3²

1 Two units.

2 Four units.



Master of Spatial Science Research (MSSR)

CRICOS code 066079J

Units to complete 12

Duration 1.5 years

Start date February, July

Campus Toowoomba

Entry requirements Minimum of IELTS 6.5 or equivalent (no component lower than 6.0)

plus

Graduate diploma or 4-year bachelor degree in surveying, geomatics, science or engineering awarded by Australian university, or equivalent

Demonstrated high level of academic performance in these studies

or

3-year bachelor degree in science, geographic information systems or related field of study awarded by an Australian university, or equivalent

Demonstrated high level of academic performance in undergraduate studies

Completed a qualifying program of spatial science studies approved by the Dean of the Faculty of Engineering and Surveying, achieving a minimum GPA of 5.0

or

Minimum 5 years' professional experience in the field of spatial science plus documentary evidence, such as technical publications, to the satisfaction of the Dean of the Faculty

Interview with the Dean of the Faculty of Engineering and Surveying, or his/her nominee, to assess the candidate's chance of success in the program

Program articulation To: Doctor of Philosophy

Program focus

This program is a research degree that produces graduates who are skilled in spatial sciences investigation, evaluation and synthesis. It will allow you to enhance and extend your knowledge of a particular surveying or geographic information systems discipline area.

Program structure

COURSES TO BE STUDIED	UNITS
Core courses	1
<i>plus</i> research courses	11
TOTAL	12

CORE COURSE

ENG8001 Engineering and Surveying Research Methodology

RESEARCH COURSES

Select **11** units from the following:

ENG9011	Independent Research in Engineering and Surveying 1
ENG9012	Independent Research in Engineering and Surveying 2
ENG9021	Independent Research in Engineering and Surveying 1 ¹
ENG9022	Independent Research in Engineering and Surveying 2
ENG9023	Independent Research in Engineering and Surveying 3 ¹
ENG9041	Independent Research in Engineering and Surveying 1 ²
ENG9042	Independent Research in Engineering and Surveying 2 ²
ENG9043	Independent Research in Engineering and Surveying 3 ²

1 Two units.

2 Four units.

Master of Science (Research) (MSCR)

CRICOS code 070618G

Units to complete 12

Duration 1.5 years

Start date February, July

Campus Toowoomba

Entry requirements **MASTER OF SCIENCE (RESEARCH) (APPLIED RESEARCH)**

Minimum of IELTS 6.5 or equivalent (no component lower than 6.0)

plus

3-year degree at an Australian university or equivalent, with a minimum GPA of 4.5/7.0 in a relevant discipline

MASTER OF SCIENCE (RESEARCH) (ADVANCED RESEARCH)

Minimum of IELTS 6.5 or equivalent (no component lower than 6.0)

plus one of the following:

4-year degree at an Australian university or equivalent, with a minimum GPA of 4.5/7.0 in a relevant discipline

3-year degree at an Australian university or equivalent, plus completion of coursework masters, with a minimum GPA of 4.5/7.0 in a relevant discipline

3-year degree at an Australian university or equivalent plus completion of a postgraduate diploma in a relevant area or have completed a postgraduate certificate in a relevant area together with the equivalent of a minimum of two years' work experience deemed appropriate by the Dean, or have very substantial industry experience deemed to be appropriate by the Dean

NOTE

Acceptance will be subject to availability of, and endorsement by, a USQ Supervisor.

NOTE

Students who are not considered to have sufficient previous knowledge may be required to undertake a limited number of additional relevant courses. All students must discuss their enrolment pattern with the Program Coordinator prior to nominating courses on their enrolment form.

Program focus

This program provides opportunities for you to undertake advanced study and to produce a research-based dissertation in a science-based discipline. The emphasis of the program is to develop the appropriate knowledge and skills to undertake independent research and professional practice.

APPLIED RESEARCH MAJOR

This major is a combination of coursework and related research which will provide and enhance student knowledge across a range of science-based disciplines

ADVANCED RESEARCH MAJOR

This major is designed to provide students who have already undertaken substantial prior studies in a relevant area with the opportunity to focus on a significant research project in a related area. Students in the Advanced Research major may be eligible to apply to transfer to the PhD program based on outstanding performance and supervisor approval.

NOTE

Transfer between the two majors is not possible.

NOTE

Students in the MSCR (Advanced Research) program who achieve a GPA of at least 6.0 averaged across SCI9011 Research Project A, SCI9012 Research Project B and SCI9013 Research Project C and who have successfully completed eight units in the program may, with their supervisor's approval, seek to apply to transfer to the PhD program.

Program structure

COURSES TO BE STUDIED	UNITS
1 x coursework research training	1
3 x coursework electives	
<i>plus</i> 8-unit research project	11
<i>or</i> 11-unit research program	
TOTAL	12

COURSEWORK RESEARCH TRAINING

Select one from the following:

HSC8050 Research Methodology for the Human Sciences

SCI4405 Research Practice and Ethics

or Equivalent as approved by Program Coordinator

ELECTIVE COURSES

Select three elective courses in consultation with the supervisor and Program Coordinator.

8-UNIT RESEARCH PROJECT

SCI9012 Master of Science Research Project B²

SCI9014 Master of Science Research Project D²

SCI9015 Master of Science Research Project E²

SCI9016 Master of Science Research Project F²

11-UNIT RESEARCH PROJECT

SCI9011 Master of Science Research Project A¹

SCI9012 Master of Science Research Project B²

SCI9013 Master of Science Research Project C²

SCI9014 Master of Science Research Project D²

SCI9015 Master of Science Research Project E²

SCI9016 Master of Science Research Project F²

¹ One unit.

² Two units.



USQ has many things that make it one of the best universities in the world such as flexible learning, interesting programs, and highly experienced staff with great teaching quality. I came to USQ to improve my knowledge and enhance my practical skills in order to support my career. Not only have I found what I was looking for within USQ but I have also built new relationships with new friends (staff and students) here in the Faculty of Engineering and Surveying.

JASIM AL-BAGHDADI

DOCTOR OF PHILOSOPHY
(ENGINEERING AND SURVEYING)

COUNTRY OF ORIGIN: IRAQ

Undergraduate Entry Requirements

Previous academic qualifications are recognised for standard entry and are based on comparisons with Australian Year 12 level examinations.

You should note that specific degree programs may have additional entry requirements, such as a level of pre-requisite knowledge in a particular course area.

Standard undergraduate entry by country

COUNTRY	QUALIFICATION	MINIMUM ENTRY REQUIREMENTS
Australia	Year 11 and 12 Senior Certificate <i>or</i> Preparatory/ Foundation course in appropriate subjects	
Bahrain	Successful completion of a recognised one-year pre-university program <i>or</i> Successful completion of one year of study at a recognised tertiary institution in addition to completion of High School studies	
Bangladesh	Higher Secondary Certificate <i>or</i> Intermediate Certificate	60% overall grade in best 4 academic subjects
Botswana	GCE A Levels	2 x D levels or equivalent
Brunei	GCE A Levels	2 x D levels or equivalent
Canada	Provincial High School Diploma <i>or</i> Ontario Secondary School Diploma	Above average pass = 60% Successful completion of 6 OACs with 60% average
China	Senior High School Certificate	70% or equivalent
Denmark	Senior High School (Studentereksamen)	Average grade of 8.0 on 11-point scale
Ethiopia	GCE A Levels	2 x D or equivalent
Fiji	NCEA (42 points) <i>or</i> NZ Uni Bursaries Exam <i>or</i> Fiji Form 6 and Form 7	Credit/pass/level 3 with aggregate 75 in best 5 subjects Aggregate 270 in best 4 subjects and aggregate 250 – maximum of 4 subjects
France	Baccalaureate de l'enseignement du second degre	Successful completion – 10/20
Germany	Senior High School (Abitur) or equivalent	Successful completion GPA 4
Ghana	GCE A Levels <i>or</i> West African Senior School Certificate or HKLAE A levels	2 x D levels or equivalent with aggregate of 25 in best 6 subjects
Hong Kong	HKDSE <i>or</i> GCE A Levels	Minimum Level 3 in best 4 subjects (excluding Chinese, including 2 electives) 2 x D levels or equivalent
India	Higher Secondary Certificate <i>or</i> Indian School Certificate <i>or</i> All India Senior School Certificate	60% overall grade in best 4 academic subjects 60% overall grade in best 4 academic subjects 60% overall grade in best 4 academic subjects
Indonesia	Completion of SMA3 Levels <i>or</i> GCE A Levels <i>or</i> Secondary School Certificate of Graduation SKHUN/STK) <i>or</i> Secondary School Certificate of Completion (Ijazah formerly STTB)	GPA of 7.5 for 5 academic subjects 2 x D or equivalent average score of 6 plus a minimum score of 5 in each subject
International Baccalaureate – All countries	IB Diploma	Successful completion with minimum score 24
Iran	Successful completion of the Iranian Higher Diploma <i>or</i> Successful completion of a recognised one-year pre-university program <i>or</i> Successful completion of one year of study at a recognised tertiary institution in addition to completion of High School studies	

COUNTRY	QUALIFICATION	MINIMUM ENTRY REQUIREMENTS
Iraq	Successful completion of a recognised one-year pre-university program	
	<i>or</i> Successful completion of one year of study at a recognised tertiary institution in addition to completion of High School studies	
Japan	Upper Secondary School Certificate (Kotogakko)	GPA 3.0 (5-point scale) – overall grade – 80
Jordan	The General Secondary Education Certificate	Overall average of 80% with passes in 3 academic subjects
Kenya	GCE A Levels	2 x D levels or equivalent
Korea	Senior High School	80% (B average)
	<i>or</i> Upper Secondary School	80% (B average)
Kuwait	Successful completion of a recognised one-year pre-university program	
	<i>or</i> Successful completion of one year of study at a recognised tertiary institution in addition to completion of High School studies	
Libya	Successful completion of a recognised one-year pre-university program	
	<i>or</i> Successful completion of one year of study at a recognised tertiary institution in addition to completion of High School studies	
Malaysia	GCE A levels	2 x D levels or equivalent
	<i>or</i> UEC	<i>or</i> at least 6 subjects with a score of B5 or better in at least 5 of these subjects (cannot include more than one of Chinese Language or Bahasa Malaysia)
	<i>or</i> STPM	<i>or</i> GPA 2.0 or better for best 4 principal subjects, including Bahasa Malaysia and General Knowledge Paper Mauritius GCE A levels, 2 x D levels or equivalent
Mauritius	GCE A levels	2 x D levels or equivalent
Myanmar	Intermediate Certificate	'A' List (overall grade average 60%)
Nepal	Proficiency/Intermediate Certificate – will be assessed on a case-by-case basis for direct entry	60% overall grade in best 4 academic subjects
	<i>or</i> successful completion of a recognised one-year pre-university program	
	<i>or</i> successful completion of one year of study at a recognised tertiary institution in addition to completion of High School studies	
Netherlands	Diploma of Pre-university	Grade average of 6.0
	<i>or</i> Voorbereidend Wetenschappelijk Onderwijs (VWO Diploma	
New Zealand	Completion of Form 7 and successful completion of the National Certificate of Education Achievement (NCEA)	
Nigeria	GCE A Levels	2 x D levels
	<i>or</i> WACE	2 x D levels or equivalent with aggregate 22 or less in best 6 subjects
Norway	Senior High School	GPA 3.5 (6 point scale)
Oman	Successful completion of a recognised one-year pre-university program studies	
	<i>or</i> Successful completion of one year of study at a recognised tertiary institution in addition to completion of High School	
Pakistan	GCE A levels	2 x D levels or equivalent
	<i>or</i> Higher Secondary School Intermediate Certificate	60% overall grade in best 4 academic subjects
Philippines	Year 12 equivalent + SAT	Composite minimum score of 1250
	<i>or</i> successful completion of a recognised one-year pre-university program	
	<i>or</i> successful completion of one year of study at a recognised tertiary institution in addition to completion of High School studies	

COUNTRY	QUALIFICATION	MINIMUM ENTRY REQUIREMENTS
Papua New Guinea	Satisfactory completion of PNG HSC from Port Moresby International School (POMIS) (ACT Curriculum) or equivalent	
Russia	Certificate of Secondary Education (Svidetel'stvo Srednem Obrazovanii) <i>or</i> Attestat ob okonchanih olnoj srednej shkoly <i>or</i> (Attestat Zrelosti) <i>or</i> Certificate of Secondary (Complete) Education (Attestat o Srednem (polnom) Obschem Obrazovanii) awarded on completion of general secondary schooling	
Saudi Arabia	The General Secondary Education Certificate awarded by the Ministry of Education in any stream after three years of full-time study <i>or</i> successful completion of a recognised one-year pre-university program <i>or</i> successful completion of one year of study at a recognised tertiary institution in addition to completion of High School studies	
Singapore	GCE A levels	2 x D levels or equivalent
South Africa	GCE A Levels	2 x D levels or equivalent
Sri Lanka	Sri Lankan GCE A levels	Passing in 3 Academic subjects with 3 'S' passes
Sweden	Student Examen <i>or</i> Avgangsbetyg Leaving Certificate	Pass Grade
Taiwan	Senior High School Diploma	B average (70%)
Tanzania	GCE A Levels	2 x D levels or equivalent
Thailand	Matayom 6	GPA of 3.0 (4 point scale)
Turkey	High School Diploma	B – Good
UAE	Successful completion of a recognised one-year pre-university program <i>or</i> successful completion of one year of study at a recognised tertiary institution in addition to completion of High School studies	
UK	GCE A levels	2 x D levels or equivalent
USA	High School Diploma + SAT	SAT Composite Score 1250
Vietnam	Satisfactory completion of Senior Secondary School	
Zambia	GCE A levels	2 x D levels or equivalent
Zimbabwe	GCE A levels	2 x D levels or equivalent

Special entry professional qualifications

Individual consideration will be given if you do not satisfy the entry requirements, but possess professional qualifications gained through examinations. You must provide certified documentary evidence of these qualifications and documents providing an outline of course content. Work experience only is not normally a basis for special entry.

Further information

Some programs have additional entry requirements. Please refer to the USQ website at:

www.usq.edu.au/international/apply/entry-requirements

Before applying to study

Prior to applying to study at USQ, it is recommended that you first select a program that meets your career objectives, then check the English language entry requirements and other information provided below, as well as the important dates at the back of this guide.

English language requirements

To be admitted to academic programs at USQ, you must demonstrate your proficiency in the use of English language with one of the following:

1. Successful completion of one of the English language tests shown in the table below.

or

2. Successful completion (over a period of at least two years of full-time study) of one of the following in which English was the language of instruction:

- high/secondary school or college equivalent
- 'A' level
- any post-secondary program.

NOTE

This does not apply to students wishing to study a Bachelor of Nursing, Graduate Diploma of Learning and Teaching or Doctorate (PhD) Degree.

or

3. Successful completion of a foundation studies program offered by an Australian university or equivalent.

If you do not meet USQ's English language entry requirements, you should consider undertaking a USQ pathway program, such as EAP 1 and 2. After successful completion you will gain direct entry into a USQ degree program.

NOTE

Approved English language tests noted on the next page must have been completed within the previous two years and the most recent demonstration of English proficiency will be used.



English Language Requirements

TEST	CATEGORY 1	CATEGORY 2	CATEGORY 3
	Undergraduate All undergraduate programs except Bachelor of Education, Bachelor of Laws, Bachelor of Nursing	Undergraduate Bachelor of Education, Bachelor of Laws, Bachelor of Nursing	
	Postgraduate (Coursework) Master of Information Systems, Master of Information Systems and Master of Project Management, Master of Professional Accounting, Master of Computing Technology, Master of Computing Technology Extended, Graduate Diploma of Business	Postgraduate (Coursework) All postgraduate coursework programs except those nominated in Categories 1 and 3	Postgraduate (Coursework) and Postgraduate (Research) Master of Psychology (Clinical) and Graduate Diploma of Learning and Teaching
	Professional Development courses All courses	Postgraduate (Research) All masters and doctoral programs by research	
IELTS Academic	6.0 (or better) (no component lower than 5.5)	6.5 (or better) (no component lower than 6.0)	7.0 (no component lower than 7.0)
TOEFL (paper-based)	550 (or better) (with minimum test of written English score of 4.5)	570 (or better) (with minimum test of written English score of 5)	600 (with minimum test of written English score of 5)
TOEFL (electronic)	213 (or better) (with minimum essay rating of 4.5)	230 (or better) (with minimum essay rating of 5)	250 (with minimum essay rating of 5)
TOEFL (Internet-based)	80 (or better) (with minimum of 19 in all bands)	90 (or better) (with minimum of 20 in all bands)	95 (or better) (with minimum of 22 in all bands)
Pearson (PTE Academic)	50 (or better) (with no communicative score lower than 50)	58 (or better) (with no communicative score lower than 58)	65 (or better) (with no communicative score lower than 65)
Singapore, Hong Kong, British 'O' Level English	'C' or better	'C' or better	'C' or better

Credit for past study

Course exemptions

- For the partial fulfilment of program requirements, USQ will consider your relevant studies, work experience and job training deemed equivalent in objectives, standard and/or content.
- Exemptions may be granted for relevant studies successfully completed in the past five years. In some circumstances, exemptions may be considered for studies successfully completed in the past 10 years.
- Exemptions are subject to any existing agreements with Education Partners, or on an individual case by case basis.

Notes on exemptions

- Any change to exemption policy is not retrospective. Any exemptions already processed will not be subject to change, and any new applications will be considered on the basis of the policy at that time.
- Assessment of the relative standing of overseas academic qualifications will be obtained from the National Office of Overseas Skills Recognition (NOOSR), Canberra. The decision of this office will be regarded as final.

- For awards from private and commercially accredited tertiary institutions, assessment will be made on an individual basis. You should provide as much information as possible, including entry standard, duration of program, method of assessment, structure of program and any recognition by other tertiary institutions or professional bodies.

Scholarships

USQ offers a number of international scholarships for undergraduate, postgraduate, and research (PhD) degrees. You will need to apply for a scholarship well in advance of beginning your studies.

For information about scholarships available and application closing dates, please refer to the USQ website:

www.usq.edu.au/scholarships

The Australian Government, through AusAID, provides Official Development Assistance to 75 countries, with a strong focus on the Asia-Pacific region. Please contact your local Australian Embassy or Diplomatic Mission Post for details.

Further information about AusAID scholarships can be found at: **www.ausaid.gov.au**

Information for on-campus students

Australian student visa

If you are coming to Australia to study for 12 weeks or more, you must first obtain a student visa (Australian and New Zealand passport holders are exempt).

The Australian Government operates an overseas student program that allows people who are not Australian citizens or Australian permanent residents to study in Australia. The Australian Government approves student visas and is responsible for determining the requirements for the granting of a student visa.

To be eligible for a student visa, you must be accepted for full-time study for the whole or part of the education program you intend to undertake with USQ. To be granted a student visa, you must provide evidence that satisfies the assessment factors established by the Australian Government that apply to you. Assessment factors include: your ability to pay for your program, your level of English language, the likelihood you will comply with the conditions of your visa, and any other matters considered relevant to assessing your application.

If you are applying for a Bachelor, Master or Doctoral degree your application will be assessed under Streamlined Visa Process (SVP) arrangements, which offers faster visa processing. This includes applications made in conjunction with any other programs, eg English. Visa applications for other programs are assessed according to the Australian Government country assessment levels.

The Australian Government has five assessment levels to assess your visa application. These levels are set according to your country of nationality and the type of education you want to undertake. USQ is part of the Higher Education Sector, so you must meet the requirements under this section of assessment levels to be able to study with us.

For more information on assessment levels, refer to:

www.immi.gov.au/students/index.htm

You must also satisfy the general requirements that are applicable to all student visa applicants. These include you being of good character and health and having acceptable health insurance (this is done as part of your USQ admissions process), and no outstanding debts to the Commonwealth of Australia.

Family

Members of your family are permitted to live with you in Australia, under certain conditions, which are set out in the Australian Government website at: www.immi.gov.au

If your family intend to live with you in Australia while you study, they must meet the same general student visa requirements as you, and have their application assessed according to your assessment level, even if they are of a different nationality.

A family member may be:

- a spouse of the applicant
- a dependant child of the applicant, or of the applicant's spouse, who is unmarried and has not turned 18.

All members of your family must be declared on your visa application, whether or not they intend to travel to Australia at any time. They will be treated as financially dependent on you for the purpose of assessing your financial ability for a student visa and for the purpose of supporting them.

The expected annual costs that are taken into account when assessing your ability to fund your education and stay in Australia include:

- tuition costs
- living costs of AUD18 610 per annum if you are unaccompanied
- an additional AUD6515 per annum if you have a spouse that will come with you
- a further AUD3720 per annum if you have at least one child (plus AUD8000 per annum or the cost of schooling, if your child is of school age)
- a further AUD2790 per annum for each additional child (plus AUD8000 for the cost of schooling, if your child is of school age)
- individual travel costs to Australia, which vary, depending on your geographic location.

If you have school-aged children staying in Australia for more than three months, you must enrol them in either a State Government or Private (non-government) school.

Financial contributions are required if you require your children to be schooled and you do not have permanent residency status in Australia. AusAID Scholarship recipients are exempt from paying school fees if their children are enrolled in a State Government school.

Medical insurance

USQ and Worldcare have arranged a special package and price for all new international students, who will be guaranteed health cover for the entire length of their stay.

If you are accompanied by a spouse and/or dependant children, you will need to pay a family premium. You must pay the appropriate premium to USQ before leaving your home country.

There are several companies that provide health cover. USQ's preferred provider is Worldcare. For further information, please refer to the following website:

www.oshworldcare.com.au

Working in Australia and studying

If you were granted a student visa on or after 26 April 2008, you will have received permission to work with your visa grant. This will apply to both yourself and any family members travelling with you on your student visa. As a result, you do not need to apply again once you arrive in Australia. For further information, refer to: www.immi.gov.au/students

Study requirements

If you plan to study on-campus in Australia, the Australian Government requires you to complete your studies within the CRICOS-registered duration of your program, or the completion date specified on the electronic Confirmation of Enrolment (eCOE), whichever duration is shorter.

As an Australian education provider, USQ must abide by the ESOS Act and The National Code 2007. For further information, please refer to: www.aei.gov.au/AEI/ESOS

To comply with Australian Government regulations (National Code 2007 – Standard 9: Completion within the expected duration of study), you:

- need to maintain a full-time enrolment in each compulsory semester
- need to complete your studies within the CRICOS-registered duration of the program, or the completion date specified in your electronic Confirmation of Enrolment, whichever is the shorter duration
- can study up to, but not more than, 25 percent of your program by distance education or online
- must be enrolled in at least one on-campus course in any compulsory semester.

You can check the duration for each degree program in this prospectus, or from the CRICOS website at:

<http://cricos.deewr.gov.au>

For further information, please refer to the USQ website:

www.usq.edu.au/international/programs

Visa contacts

For all information and advice on applying for your visa, ask USQ's approved referral agents, or make contact with your nearest Australian Embassy, High Commission or Consulate.

Australian Embassies, High Commissions or Consulates:
www.immi.gov.au/contacts/overseas

Visa assessment and general requirements:
www.immi.gov.au/students

USQ approved referral agents:
www.usq.edu.au/international/representatives

Student Services and Amenities Fee

In accordance with new Australian Government legislation, you will be charged a Student Services and Amenities Fee to cover services, such as employment and career advice, health services, financial advice and other support services. The Student Services and Amenities Fee for 2013 has not yet been determined, but it is likely to be similar to the maximum fee of AUD263 per student in 2012. This cost is included as part of your 2013 tuition fees. For more information about the Student Services and Amenities fee at USQ, please visit: www.usq.edu.au/international/fees



How to apply

Follow the steps below to help ensure your application is processed without any delays.

1. Prior to applying

Prior to applying to study at USQ, it is recommended that you do the following:

1. Select a program that meets your career objectives.
2. Check:
 - English entry requirements
 - Program-specific entry requirements
 - Requirements to obtain a student visa, if intending to study on-campus in Australia.
3. Check the important dates.

2. Submitting your application

You can submit your application via USQ's online application system: <http://icon.usq.edu.au> Simply register your details and follow the steps through the application process. Once your application has been submitted, it will be assessed by one of our friendly USQ staff.

3. Accepting your offer

Once you have received your Offer Letter, you will need to return your signed Acceptance of Offer form directly to USQ International Admissions, or through your USQ representative (recruitment agent or Education Partner).

4. Payment

Along with your Acceptance of Offer, you will need to provide payment.

Need help?

Contact us via email, or call us on **+61 7 4631 5543** or **1800 105 359** (within Australia).

Application deadlines

Entry to USQ academic programs is highly competitive, with the University receiving thousands of applications each year; so you are encouraged to apply well in advance of your preferred start date. Please refer to important dates and fees for more information.

Many courses have student quotas which may be filled before the start of semester. If you apply after these quotas are filled, you may not be able to study your first preference. You should ensure that you apply in time to meet visa requirements.

Semester start dates are as follows:

- Semester 3 – 12 November 2012
- Semester 1 – 25 February 2013
- Semester 2 – 15 July 2013

Tuition fees

How do I pay my tuition fees?

You have the option of paying fees by telegraphic transfer, bank draft or credit card. USQ accepts Bankcard, MasterCard, Visa or American Express.

Please note that your first semester of tuition fees needs to be paid directly to USQ in advance of receiving your eCOE (electronic Confirmation of Enrolment).

What if I change my mind?

Full refunds are available; however, time limit conditions apply. If you are applying for a refund, you are strongly advised to consult the USQ International Student Refunds on page 154 to ensure that you have an appropriate reason for requesting a refund.

NOTE

International students studying on-campus in Australia are charged on-campus fees; regardless of whether the student has enrolled in individual courses by distance education or online.

USQ Contacts

POTENTIAL STUDENT CONTACT

Phone: **+61 7 4631 5543**

Fax: **+61 7 4635 9225**

Email: international@usq.edu.au

AFTER YOUR APPLICATION HAS BEEN SUBMITTED

Phone: **+61 7 4631 2146**

Fax: **+61 7 4636 2211**

Email: ioadmissions@usq.edu.au

ENQUIRIES REGARDING ACCEPTANCE OF OFFER OR ECOES

Phone: **+61 7 4631 1569**

Fax: **+61 7 4636 9225**

Email: ioacceptoffer@usq.edu.au



Refunds

Tuition fees

1. Total refunds

- 1.1. In the event that an offer of a place is withdrawn or the institution is unable to provide the course, all tuition fees paid for the semester are fully refundable. In the case of a student transferring providers, the USQ Refund Policy may not apply. Please refer to the appropriate USQ policy at the time of request to transfer.
- 1.2. A student who fails to meet degree/diploma progression rules and who is thus not permitted to re-enrol will be eligible for a refund of fees if paid in advance of notification of exclusion.
- 1.3. A notice of withdrawal due to exceptional circumstances (see 2 below) may be accepted as grounds for a total refund of tuition fees paid for the semester.

2. Grounds for refunds

A notice of withdrawal due to exceptional circumstances may be accepted as grounds for either a total or partial refund of fees, subject to the provision of acceptable documentary evidence in support of the application for a refund, including:

- 2.1. Inability to obtain a student visa
- 2.2. Illness or disability
- 2.3. Death of the student or a close family member (parent, sibling, spouse or child)
- 2.4. Political, civil or natural event that prevents full payment of fees.

3. No refunds

A student who withdraws from a course after the census date (see Important dates) for whatever reason shall not be eligible for a refund.

4. Fee refunds for international students who obtain permanent resident status in Australia

- 4.1 An international student who is granted permanent resident status in Australia and who is a resident in Australia for the duration of the course may be given the option of becoming a Commonwealth supported student when enrolled in a Commonwealth supported program. They will be required to pay their Student Contribution Amount upfront without discount, and will not be given the option to obtain a HECS-HELP loan.

If the student is the holder of a permanent humanitarian visa, they will be eligible for a discount on upfront payments and will be eligible for a HECS-HELP loan. In non-Commonwealth supported programs, Australian permanent residents are liable for tuition/direct fees applicable to domestic students.

- 4.2 If the student obtains permanent resident status after the census date in a semester, the student will be classified as an international student for the remainder of that semester. The student will be liable to pay the tuition fees applying to international students for that semester. From the following semester, the student will be classified as a permanent resident and will be liable for the Student Contribution Amount in accordance with the Higher Education Guidelines, or full fees applying to domestic students.

For specific information on fee refunds for permanent residents, please refer to the Policy on Refund of Fees at: <http://policy.usq.edu.au/portal/custom/detail/refund-of-student-fees/>

5. Payment of refunds

- 5.1 Request for a refund must be in writing.
- 5.2 If a student is transferring to another recognised educational institution within Australia, then applicable refund due may be transferred to that institution.

Otherwise, all refunds will be made in the student's home country, except in exceptional circumstances.
- 5.3 Refunds will be made payable to the student, unless authorised otherwise, by the student in writing. It is not permissible to transfer funds directly from the student's own account to that of another student.
- 5.4 The student can request the refund to be in their preferred currency. If this information is not provided, or where USQ is unable to transfer the preferred currency due to international banking limitations or where the cost of transfer would result in excessive international bank charges for either party, USQ will select the most appropriate foreign currency. This will be made in the student's home country, except in exceptional circumstances.

6. Appeals process related to fee refunds

There is a clearly defined appeals process relating to the refund of fees, whereby the institution's decisions regarding fee refunds can be appealed if the student believes that the institution has not honoured its stated fee refunds policy, or not all of the relevant information has been taken into account. For more information, refer to section 3.9 of the Enrolment policy at:

<http://policy.usq.edu.au/portal/custom/detail/enrolment>

7. Alternative remedies

- 7.1 Where a student agrees to the terms of the USQ Refund Policy, such agreement does not remove the right to take further action under Australia's consumer protection laws.
- 7.2 The University's resolution processes (set out in clause 6 above) do not circumscribe the student's right to pursue other remedies.

8. Payment of refund to be made within in a timely manner

Any refund of 'cleared funds' due and payable to a student under these provisions will be processed in a timely manner from when the request is received in writing at the international office of the University of Southern Queensland.

9. Provider Default

Students are advised that a default by the registered provider (the University) cannot be covered by a written agreement between the provider and the student. Such situations are covered by the provisions of the ESOS Act 2000 and the ESOS Regulations 2001.

■ Non-tuition fees refund procedures

1. Accommodation fees

1.1. ON-CAMPUS USQ RESIDENTIAL COLLEGES

Accommodation fees are payable one semester in advance.

In the event that a student terminates their residency after having entered College, no refunds of fees will be made for their early departure, nor any release made from their liability for a full semester fee, except where, during the semester:

- 1.1.1. the student becomes no longer an enrolled student of the University
- 1.1.2. the University changes the enrolment status of the student from on-campus to external studies
- 1.1.3. the University defers the student's enrolment to another semester or year

- 1.1.4. the student is able to substantiate extenuating circumstances justifying their conclusion of their contract with the University.

Any release of a student from their contractual obligation made in accordance with this rule will be subject to the approval of the Director of Residential Colleges.

1.2. OFF-CAMPUS ACCOMMODATION – RESIDENTIAL TENANCIES

The refunds payable are consistent with the rules and regulations implemented by the Residential Tenancy Authority of Queensland and can be viewed online at:

www.rta.qld.gov.au

1.3. OFF-CAMPUS ACCOMMODATION – HOMESTAY

All accommodation fees are paid one week in advance with no partial refund payable in the event of departure before expiration of the week.

2. OSHC student health care

As a student, you can apply in writing for a refund of the unexpired portion of your premium if:

- 2.1. you paid your premium and did not come to Australia
- 2.2. your student visa was not extended
- 2.3. you returned to your country of origin before the end of your approved stay for reasons outside your control
- 2.4. you have been granted permanent resident status in Australia.

For specific information, please refer to the Policy on Refund of Fees at:

<http://policy.usq.edu.au/portal/custom/detail/refund-of-student-fees/>



Important Dates

2013	2014	UNIVERSITY DATES
SEMESTER 1		
11–15 February	17–21 February	Recommended arrival date for international students
18–22 February	24–28 February	Orientation program for Semester 1
25 February	3 March	Semester 1 starts
1 March	7 March	Last date for USQ to receive a request to add courses
2–12 April	7–18 April	Mid-semester recess
2–12 April	7–18 April	Residential schools
10–21 June	16–27 June	Semester 1 examination period
24 June–12 July	30 June–18 July	Recess (through to Semester 2)
SEMESTER 2		
1–5 July		Recommended arrival date for international students
8–12 July	14–18 July	Orientation program for Semester 2
15 July	21–25 July	Semester 2 starts
19 July	25 July	Last date for USQ to receive a request to add courses
23 September–4 October	22 September–3 October	Mid-semester recess
23 September–4 October	22 September–3 October	Residential schools
28 October–8 November	3–7 November	Semester 2 examination period
SEMESTER 3		
3–6 November	8–12 November	Recommended arrival date for international students
6–8 November	12–14 November	Mini orientation program for Semester 3
8 November	14 November	Last date for USQ to receive a request to add courses
11 November	17 November	Semester 3 starts
27 January – 7 February 2014	2–13 February 2015	Semester 3 examination period
2013		
2014		
PUBLIC HOLIDAY		
1 January	1 January	New Year's Day
26 January (28 January: holiday)	26 January (27 January: holiday)	Australia Day
11 April		Toowoomba Show Holiday
29 March	18 April	Good Friday
30 March	19 April	Easter Saturday
1 April	20 April	Easter Monday
25 April	25 April	Anzac Day
6 May	5 May	Labour Day
7 October	6 October	Queen's Birthday
25 December	25 December	Christmas Day Holiday
26 December	26 December	Boxing Day Holiday

PLEASE TICK THE PURPOSE OF THIS APPLICATION

Applying to USQ for the first time Application to transfer to a different program

USQ Student No.

1. Personal Details (Please PRINT capital letters)

Preferred Title (Mr / Mrs / Ms / Miss / Dr) _____ Family Name (as per Passport) _____

Given Name/s _____

Preferred Name _____

Date of Birth (dd/mm/yy) ____/____/____ Gender Male Female

Citizenship _____

Country of Birth _____

Email Address _____

Telephone (Day) _____

(Mobile) _____

(Home) _____

Fax No _____

Mailing Address

Number and Street _____

Home Address

Number and Street _____

City _____

City _____

State _____ Postcode _____

State _____ Postcode _____

Country _____

Country _____

If you are already residing in Australia, please provide the date of your arrival _____

Note: If you apply through an approved USQ Representative, all correspondence will be forwarded through the representative office.

Do you have a disability, impairment or long term medical condition which may affect your studies? Yes No

USQ Agent/USQ Education Partner

2. Preferred Study Location

Note: Not all Academic programs are available at all campuses

On-campus in Australia Toowoomba Fraser Coast
 Springfield Other _____

Distance Direct
 USQ Education Partner

3. Your Academic Program Selection (in order of preference)

(Refer USQ Handbook at www.usq.edu.au/handbook/current
Doctor of Philosophy refer to www.usq.edu.au/research/students/apply)

Program Code (e.g. BBus)	Program Name (e.g. Bachelor of Business)	Major/Specialisation/Plan (e.g. Marketing)	Start Semester 1, 2, 3*	Start Year

*Commencement in Semesters 2 and 3 are not available for all Programs

Students enrolling in non-award programs only to complete course nominations below.

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4. English Language Proficiency

Was English the language of instruction in your:

High School/Year 12 Yes No

Further Studies after High School /Year 12 Yes No

If you answered **YES** to the either of the above questions, please attach certified evidence from the institution confirming the language of instruction.

If you answered **NO** to both of the above questions, you need to supply certified evidence of your English Language Proficiency:

TOEFL - Test of English as a Foreign Language _____ Your score _____
- Test of Written English _____ Your score _____

IELTS - International English Language Testing Service _____ Your score _____

GCE A/O Level General Paper (English) _____ Your score _____

Other (please specify) _____

Student Signature _____ Date _____

OFFICE USE ONLY

App No: _____

Accept _____ Program _____

Conditional Accept _____

Refer to Faculty _____

Reject _____

Semester _____

Signature _____ Dated ____/____/____

5. High School / Year 12 Studies

Name of Senior/Yr 12 (e.g. HSC, GCE 'A' Level)	Start Date (mm/yy)	Completion Date (mm/yy)	School or Institution	Country	Language of Instruction

6. Further Studies after High School / Year 12 Studies

(Including Bridging Preparatory Studies, English Language Programs, Tertiary Studies, Certificate/Advanced Certificate/Trade/Traineeship or other studies, or Post-Secondary Qualifications.)

Name of Program/ Qualification	Start Date (mm/yy)	Completion Date (mm/yy)	Institution	Country	Language of Instruction

Ensure you have provided evidence that the above qualifications have been awarded. If you have not received an official award certificate please advise the date you expect to send the certificate to USQ / /
(dd/mm/yy)

Do you wish to apply for exemptions/credits for previous studies undertaken? Yes No

(It is usual that applications for exemptions/credits are only considered once you have provided official subject outlines, descriptions and results for the course you are wishing to seek credit. Applicants from pre-approved programs will be granted appropriate exemptions/credit on submission of certified results.)

7. Employment Experience (if applicable)

Please only supply this information if it is a prerequisite for your program in which case you must attach your Curriculum Vitae (CV)/Resume with letters of reference or other documentary evidence of your work experience.

Start Date	Finish Date	Full-time or Part-time	Occupation Title	Main tasks or duties usually performed by you	Name of Employer

8. How I heard about USQ

- Recommended by friend/relative
 Exhibition/Seminar
 IDP Education Australia in my country
 I met a USQ representative in my country
 Internet
 Newspaper
 Magazine
 Other _____
 (please specify)

9. Terms and Conditions Please read the following terms and conditions and then sign this form.

I declare that the information supplied by me in this form and relevant attachments is true and correct. I understand that the University may vary or terminate its offer of a place at USQ or any subsequent agreement regarding study at USQ if any of the information provided by me is shown to be incorrect. I have read and accept the University's fees, charges and refund policy (<http://www.usq.edu.au/international>). I understand that there are limited places available and that early submission of this application will give me a better chance of obtaining a place in the program of my choice. I am aware of the applicable tuition fees and understand that I do not have to pay until I return the Acceptance of Offer Form included in the letter of offer from the University.

USQ collects personal information for university purposes of providing tertiary education and related ancillary services and associated functions pursuant to the University of Southern Queensland Act 1998 and the information on this form for the purposes of assessing your application and if applicable, processing your enrolment. USQ collects this information in accordance with the Commonwealth Higher Education Funding Act 1988, Higher Education Support Act 2003, the Education Services for Overseas Students Act 2000 (ESOS Act), ESOS Regulations 2001 and the National Code of Practice for Registration Authorities and Providers of Education and Training to Overseas Students 2007. Where relevant USQ may give all or some of this information to • other education providers to administer cross-institution enrolments; • commonwealth and state government departments, agencies or their authorised agents or contracted service providers and to USQ approved Representatives (agents and partners) and to other organisations (including international entities) who provide sponsorship or funding for your studies to seek verification of information or provide information regarding your studies (and visas and overseas student health cover if applicable) or to enable surveys concerning your education to be undertaken, and • other students enrolled in the same courses as you or as may be required by a Faculty to facilitate USQ's provision of tertiary education services to you and other students including in the future.

Other than as set out above, personal information will not be disclosed without your consent unless required or authorised by law. Please refer to USQ's Privacy Policy and USQ's Privacy Plan. To facilitate USQ's provision of tertiary education and related ancillary services and associated functions, you acknowledge and consent to the disclosures set out above and to the transfer of your personal information outside of Australia and communication via any available electronic means. In handling any personal information disclosed to you by the university, you agree to use this information for purposes of your study at USQ only and to abide by USQ's ICT Information Management and Security Policy and the ICT Standard for Use of ICT Resources Policy.

Signature _____ Date ____/____/____

Lodging your Application

To ensure your application is processed without delay, please attach certified photocopies of academic transcripts and certificates (i.e. signed by a teacher, lawyer, your local USQ representative or other person in authority). If your documents are not in English, please attach certified English translated versions of your documents. **Do not send original documents.** Failure to include attachments may delay the processing of your application. **Please note:** USQ does not charge an application fee.

Lodge this application with your local USQ Agent or USQ Education Partner or, if none, mail/fax direct to USQ International Admissions.

USQ International Admissions
University of Southern Queensland
Toowoomba | QLD | 4350 | Australia
Phone: +61 7 4631 2362
Fax: +61 7 4635 9225
Email: ioadmissions@usq.edu.au
web: www.usq.edu.au/international
University of Southern Queensland is a registered provider of education with the Australian Government

Personal Details (Please PRINT capital letters)

Student Family Name _____

Student First name _____

Date of Birth _____

Email Address _____

Contact Number _____

Residential Town/City _____

Length of Residence _____

Relevant qualification and future expectation for the proposed program (Relevancy and purpose of the program)

Is the program advanced and directly related to the previous studies or work experience? Yes No

(Please explain in detail reason to study proposed program) _____

Is the proposed program in line with your future plans? Yes No

(I) If yes, what is your future plan? _____

(II) If no, why are you planning to study this program? _____

Are there any other programs included in your application? Yes No

(I) If yes, then please provide details of the other program/s _____

(II) Which organisation is the other program/s with? _____

Study gap

Is there a gap in your history of studies and/or work? _____

If yes, how long and why? _____

English proficiency

Have you taken a formal English language test? Yes No

If yes, which test and what score?

Test Type	Score	Date Taken	Test Type	Score	Date Taken
<input type="checkbox"/> IELTS	_____	_____	<input type="checkbox"/> TOEFL	_____	_____
<input type="checkbox"/> PTE Academic	_____	_____	<input type="checkbox"/> Cambridge	_____	_____
<input type="checkbox"/> Others	_____	_____			

If no, have you studied in an English medium? Yes No

If yes, how many years? _____

What qualification(s) was/were obtained? _____

Dependant Background

Are you married? Yes No (if yes, please state when) _____

Are you and your spouse living together? Yes No

Is your spouse currently employed? Yes No

If you have taken an IELTS, was it before or after your wedding? _____

Do you have any children? (list age/s) _____

Will your spouse leave his/her job and join you as a dependant? Yes No

Immigration History

Have you applied for a student or any other visa to Australia in the past? Yes No

If yes, was it granted? Yes No

If no, why not? _____

If granted, why are you reapplying? _____

Apart from Australia, have you applied for any student or other visa to US, UK, Canada or NZ? _____

Was it granted in all cases? Yes No

If no, why not? _____

Finances

Have you researched studying in Australia before applying? Yes No

Have you considered the following:

How you intend to pay for your tuition fees? (Please note USQ scholarships are generally NOT available to new students) _____

Your cost of living and general expenses whilst studying with USQ in Australia? Yes No

Where you intend to live whilst studying with USQ if accepted? _____

Whether you will live with friends/family already residing in Australia? If yes, who? _____

Where the various USQ Campuses are located in reference to large Metropolitan cities? _____

If you intend to be a sponsored student, then who is expected to pay for your tuition costs & living expenses? _____

Student Declaration

As a participant in the new Streamlined Visa Processing (SVP) arrangements, I have completed and provided the attached USQ Genuine Temporary Entrant form, with the Application and all other relevant supporting documentation. I understand that this assessment will form a part of my application to study with USQ.

I declare that the information supplied by me to USQ for this application and the relevant attachments are true and correct. I understand that the University may vary or terminate any subsequent offer of a place at USQ, or any subsequent agreements in place, regarding study at USQ if information provided by me is shown to be incorrect.

Signed By Student (include copy of Valid Passport)

If you are under 18 years of age please have this form signed by your parent or legal guardian.

x. _____ Date:- ____/____/____

USQ collects personal information for university purposes of providing tertiary education and related ancillary services and associated functions pursuant to the University of Southern Queensland Act 1998 and the information on this form for the purposes of assessing your application and if applicable, processing your enrolment. USQ collects this information in accordance with the Commonwealth Higher Education Funding Act 1988, Higher Education Support Act 2003, the Education Services for Overseas Students Act 2000 (ESOS Act), ESOS Regulations 2001 and the National Code of Practice for Registration Authorities and Providers of Education and Training to Overseas Students 2007. Where relevant USQ may give all or some of this information to • other education providers to administer cross-institution enrolments; • commonwealth and state government departments, agencies or their authorised agents or contracted service providers and to USQ approved Representatives (agents and partners) and to other organisations (including international entities) who provide sponsorship or funding for your studies to seek verification of information or provide information regarding your studies (and visas and overseas student health cover if applicable) or to enable surveys concerning your education to be undertaken, and • other students enrolled in the same courses as you or as may be required by a Faculty to facilitate USQ's provision of tertiary education services to you and other students including in the future.

Other than as set out above, personal information will not be disclosed without your consent unless required or authorised by law. Please refer to USQ's Privacy Policy and USQ's Privacy Plan. To facilitate USQ's provision of tertiary education and related ancillary services and associated functions, you acknowledge and consent to the disclosures set out above and to the transfer of your personal information outside of Australia and communication via any available electronic means. In handling any personal information disclosed to you by the university, you agree to use this information for purposes of your study at USQ only and to abide by USQ's ICT Information Management and Security Policy and the ICT Standard for Use of ICT Resources Policy.

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web: www.usq.edu.au/international
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THE USQ STORY

The people of the Toowoomba region founded the University in 1967 out of their passion to provide the best possible educational opportunities for local students.

Like the mythological phoenix rising from the ashes, USQ has transformed into an internationally recognised University. No longer only inspiring local students, USQ has actively removed the barriers to learning for people in all corners of the world.

The story of the phoenix is captured in our motto “Per Studia Mens Nova” meaning “Through study the mind is renewed”, which also mirrors the transformation process of our students as they rise up to fulfil their potential through their learning journey with us.

USQ’s purpose is to continue to inspire this transformation in the lives of generations to come; empowering our students to fulfil their personal and career goals through study.

+61 7 4631 5543 • international@usq.edu.au
www.usq.edu.au/international



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[Facebook.com/usqedu](https://www.facebook.com/usqedu)



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[Youtube.com/usqmpr](https://www.youtube.com/usqmpr)



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mobile site!

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