Bachelor of Engineering and Bachelor of Business (BEBB) - BEng BBus

QTAC code (Australian and New Zealand applicants): Toowoomba campus: 907342

CRICOS code (International applicants): 030308J

This program is offered only to continuing students. No new admissions will be accepted. Students who are interested in this study area should consider the Bachelor of Engineering (Honours) Bachelor of Business **which will be offered from S1 2014.**

	On-campus	External
	No ne	No new admissions

The program offers students a high level of flexibility as they are able to choose wide ranging combinations of an engineering major and a business major that best suits their career aspirations.

For more details of the two programs that comprise this award, applicants are asked to refer to the Bachelor of Businessand Bachelor of Engineering sections in this Handbook.

Program objectives

Graduates of the Bachelor of Engineering and Bachelor of Business program will have met the separate objectives of the Bachelor of Engineering and the Bachelor of Business programs.

Program Information Set

View USQ's admission criteria, student profiles and a summary of all offers made under Course Admission Information Set via the QTAC website.

Admission requirements

To be eligible for admission, applicants must satisfy the following requirements:

- have studied four semester units and achieved an exit assessment of 'Sound Achievement' or better in each of the following Queensland Senior Secondary School subjects: English and Mathematics B. It is recommended that applicants should also have satisfactorily completed the subject: Physics, or
- be able to demonstrate that they have achieved an equivalent standard in these subjects at another institution, and
- **Australian applicants:** have achieved a Queensland Overall Position (OP) band, or an equivalent Rank based on qualifications and previous work experience, at or above the specified cut-off level

Students may apply for admission to study part-time or by distance education once they have completed 16 units of the Bachelor of Engineering program or if they are eligible for advanced standing of 16 or more units. This ensures that they are able to complete the program in the maximum duration of eight years.

All students are required to satisfy the applicable English language requirements.

If students do not meet the English language requirements they may apply to study a University-approved English language program. On successful completion of the English language program, students may be admitted to an award program.

Program fees

Commonwealth supported place

A Commonwealth supported place is where the Australian Government makes a contribution towards the cost of a students' higher education and students pay a student contribution amount, which varies depending on the courses undertaken. Students are able to calculate the fees for a particular course via the Course Fee Finder.

Commonwealth Supported students may be eligible to defer their fees through a Government loan called HECS-HELP.

Domestic full fee paying place

Domestic full fee paying places are funded entirely through the full fees paid by the student. Full fees vary depending on the courses that are taken. Students are able to calculate the fees for a particular course via the Course Fee Finder.

Domestic full fee paying students may be eligible to defer their fees through a Government loan called FEE-HELP provided they meet the residency and citizenship requirements.

Australian citizens, Permanent Humanitarian Visa holders, Permanent Resident visa holders and New Zealand citizens who will be resident outside Australia for the duration of their program pay full tuition fees and are not eligible for FEE-Help

AND	
POL1000 Government, Business and Society	1
OR	
FIN1101 Introduction to Corporate Finance	
OR	
ECO1000 Economics	
Academic Courses - Engineering	
ENM1600 Engineering Mathematics	1
ENM2600 Advanced Engineering Mathematics	1
	1
ENG1002 Introduction to Engineering and Built Environment Applications	1
ENG1100 Introduction to Engineering Design	1
ENG1101	1
ENG2102	1
ENG4110 Engineering Research Methodology	1
ENG3104 Engineering Simulations and Computations	1
ENG4111 Research Project Part 1	1
ENG4112 Research Project Part 2	1
Practice Courses - Engineering	
ENG1901 Engineering Practice 1	0
ENG3902 Professional Practice 1	0
ENG4903 Professional Practice 2	0
ENG4909 Work Experience - Professional	0

When compared to the Core Studies program in the Bachelor of Engineering program the following changes have been made:

- the follo

The courses in each of the Engineering majors are listed in the Bachelor of Engineering section of this Handbook. Students enrolled in the Bachelor of Engineering and Bachelor of Business program only study 16 of the 19 courses listed in an Engineering major.

The three courses that are not studied in each major are listed in the following table:

Engineering Major	Courses to be Deleted from the Major
Agricultural Engineering	2 Electives and either AGR3303 Agricultural Materials and Post-Harvest Technologies OR AGR3305 Precision and Smart Technologies in Agriculture
Civil Engineering	3 Electives
	1 Elective and ENG4004 Engineering Project and Operations Management and ELE2504 Electronic Design and

should consider purchasing a notebook/laptop computer with wireless connectivity. A notebook/laptop may be required for some courses.

Exit points

Students who, for whatever reason, are unable to complete the Bachelor of Engineering and Bachelor of Business and who satisfy all of the requirements of either the Bachelor of Engineering, the Bachelor of Engineering Technology, the Associate Degree of Engineering or the Diploma of Engineering Studies may be permitted to exit with that award.

Course transfers

Students who are enrolled in either the Bachelor of Engineering program or the Bachelor of Business program may transfer to the program with advanced standing. If they have completed up to one year of one of those programs they would normally be able to complete the program in the minimum time, after four more years of full-time study. Other students may require longer than the minimum time.

Honours

The Bachelor of Engineering and Bachelor of Business may be awarded with Honours in the engineering component of the award. The class of honours to be awarded to a student is dependant upon:

- the Grade Point Average calculated from the grades achieved in the courses studied in, or transferred to the program;
- the grade achieved by the student in the courses ENG4111 Research Project Part 1 and ENG4112 Research Project Part 2 (unless the student is exempted from these courses).

The minimum levels of achievement normally required for each class of honours are shown in the following table. To be assured of achieving a particular class of honours students must have achieved the specified grade in the research project courses and the minimum GPA requirements for all of the courses studied, for the last 16 courses studied, or for the last eight courses studied.

Class of Honours	GPA Calculated from the Grades Achieved in:			Minimum Grade Achieved in Research Project Courses
	All Courses Studied in the Program	The Last 16 Courses Studied*#	The Last Eight Courses Studied*#	
First Class Honours	**6.0**	**6.2**	**6.5**	**A**
Second Class Honours - Division A	**5.5**	**5.7**	**5.9**	**B**
Second Class Honours - Division B	**5.0**	**5.1**	**5.3**	**C**
Minimum number of courses required	**20**	**16**	**8**	

Footnotes

* The results from courses ENG4111 and ENG4112 must be included (unless the student is exempted from these courses).

\# The best results in a semester are to be used when not all of the results from a semester are required.

Other information

To be eligible to graduate from the Bachelor of Engineering and Bachelor of Business, students must obtain an aggregate of at least 60 Days of suitable practical experience during their program. This experience may be in an engineering office or laboratory where the student would be working principally with professional engineers and engineering associates. It may, however, be preferable for students to spend some time in field or factory activities to gain insight into industrial practice and to see what is involved in converting designs into finished products. Students are required to enrol in ENG4909 Work Experience - Professional in the latter part of their program and keep a record of appropriate experience as specified in the Course Specification. The work experience is to be endorsed by an appropriate person in the organisation providing the experience

and submitted to the examiner. The student must meet all costs associated with the acquisition of practical experience to satisfy this requirement. The record of work experience must be made available for perusal by the Faculty of Health, Engineering and Sciences upon request. The acceptability or otherwise of employment experience, and the period of that type of experience that may be credited towards the 60 days, will be determined by the Examiner of ENG4909 Work Experience - Professional.

Recommended enrolment patterns

Students are able to enrol in any offered mode of a course (on-campus, external or online), re