Bachelor of Engineering (Honours) Bachelor of Information Technology (BEHI) - BEng(Hons) BIT

QTAC code (Australian and New Zealand applicants): External: 907355; Toowoomba campus: 907352

CRICOS code (International applicants): 079517G

Programs at USQ are regularly reviewed to ensure they remain professionally-relevant, in order to enhance the graduate outcomes of our students. This program is currently being re-accredited and is as a consequence likely to undergo some changes. Full details will be available when it is approved. If you have any questions, please contact us directly.

	On-campus	External				
Semester intake:	Semester 1 (February) Semester 2 (July)	Semester 1 (February) Semester 2 (July)				
Campus:	Toowoomba	-				
Fees:	Commonwealth supported place Domestic full fee paying place International full fee paying place	Commonwealth supported place Domestic full fee paying place International full fee paying place				
Standard duration:	5 years full-time, 8 years part-time or external					
Program articulation:	From: Associate Degree of Engineering; Bachelor of Engineering Science; Bachelor of Engineering (Honours)					

Notes:

See note on part-time study below within Admission requirements.

Contact us

Future Australian and New Zealand students	Future International students	Current students		
Ask a question	Ask a question	Ask a question		
Freecall (within Australia): 1800	Phone: +61 7 4631 5543	Freecall (within Australia): 1800		
269 500	Email: international@usq.edu.au	007 252		
Phone (from outside Australia): +61	_	Phone (from outside Australia): +61		
7 4631 5315		7 4631 2285		
Email: study@usq.edu.au		Email usq.support@usq.edu.au		

Professional accreditation

A graduate of this program is eligible to apply for membership of Engineers Australia as a graduate Engineer. After further professional development, a graduate member with a Bachelor of Engineering (Honours) may apply for chartered status as a Professional Engineer and, when granted, may use the post-nominal MIEAust CPEng.

The Bachelor of Engineering (Honours) 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.

The Bachelor of Information Technology program is provisionally accredited at professional level by the Australian Computer Society and through the Seoul Accord, is recognised in other countries.

Program aims

This combination of an Engineering program with a program in Information Technology provides students with the opportunity to become qualified Engineers with a very strong background in Computer Systems and Applied Computer Science.

Graduates of this combined program will have a high level of knowledge of both hardware and software components of computer systems and the interrelationships between the two. They will have well-developed skills in both hardware and software design and development.

For more details of the two programs that comprise this award, applicants are asked to refer to the Engineering and Built Environment and the Information Technology sections of this Handbook.

Program objectives

Graduates of the Bachelor of Engineering (Honours) Bachelor of Information Technology program will have met the separate objectives of the Bachelor of Engineering (Honours) and the Bachelor of Information Technology programs.

Australian Qualifications Framework

The Australian Qualifications Framework (AQF) is a single national, comprehensive system of qualifications offered by higher education institutions (including universities), vocational education and training institutions and secondary schools. Each AQF qualification has a set of descriptors which define the type and complexity of knowledge, skills and application of knowledge and skills that a graduate who has been awarded that qualification has attained, and the typical volume of learning associated with that qualification type.

This program is at AQF Qualification Level 08. Graduates at this level will have advanced knowledge and skills for professional or highly skilled work and/or further learning.

The full set of levels criteria and qualification type descriptors can be found by visiting www.aqf.edu.au.

Program Information Set

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

Admission requirements

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

- Have achieved a minimum Overall Position (OP) 11, tertiary entrance rank 77 or equivalent qualification.^
- Subject Pre-requisites: English (4,SA) and Mathematics B (4,SA) or equivalent.
- English Language Proficiency requirements for Category 2.

Applicants are advised to also note the following:

• Recommended Prior Study: Physics (4,SA) or equivalent.

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.

These are determined by the University for specific programs each Semester. The 2019 OP and tertiary entrance ranks are based on agreed QTAv

Special admissions may help you get into the program of your choice by increasing your Selection Rank. The additional points don't apply to all applicants or all programs. Please read the information about USQ's Special Admissions carefully to find out what you may be eligible for.

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.

International full fee paying place

International students pay full fees. Full fees vary depending on the courses that are taken and whether they are studied on-campus, via distance education/online. Students are able to calculate the fees for a particular course via the Course Fee Finder.

Program structure

The program involves five years of full-time study.

Students may apply for admission to 1y0.a parl-timeforhe

Practical experience

To be eligible to graduate from the Bachelor of Engineering (Honours) Bachelor of Information Technology, students must obtain an aggregate of at least 60 days of suitable work 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 work 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.

Credit or exemptions for ENG4909 Work Experience - Professional will not normally be considered.

IT requirements

Access to an up-to-date computer is necessary. On-campust typeor.M nalxperiel7 Tmitvreferable for st21449.52tm28 TR.

ENG3902 Professional Practice 1 and ENG4110 Engineering Research Methodology is to be studied in the student's penultimate year. Upon completion of ENG3902 Professional Practice 1, students must study ENG4111 Research Project Part 1 and ENG4112 Research Project Part 2 and ENG4903 Professional Practice 2 in the same academic year.

Exit points

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

Credit

Exemptions/credit will be assessed based on the USQ Credit and Exemption Procedure.

Work Experience

Work and industrial experience that has not been formally assessed, does not normally qualify for course credit in the Bachelor of Engineering (Honours) Bachelor of Information Technology program. Existing work experience may be used to satisfy the practical/work experience requirements when completing the ENG4909 Work Experience - Professional practice course.

Course transfers

Students who are enrolled in either the Bachelor of Engineering (Honours) program or the Bachelor of Information Technology 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.

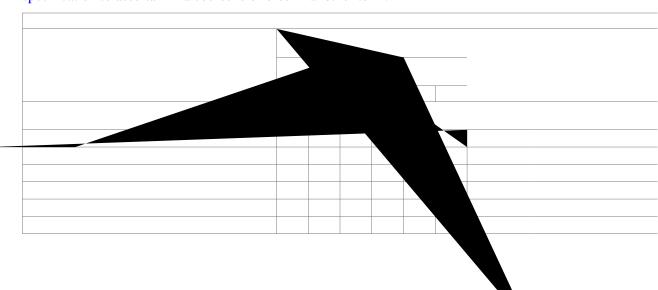
Honours

The level of honours awarded will be determined based on the USQ procedure. Please refer to the Class of Honours Standard Schedule.

Computer Systems Engineering and Applied Computer Science recommended enrolment pattern

Students are able to enrol in any offered mode of a course (on-campus, external or online), regardless of the program mode of study they enrolled in.

To satisfy the requirements of the program students must complete all of the Academic and Practice courses in the following table that shows the recommended enrolment patterns for on-campus and external students for our Toowoomba campus. Students following a non-standard enrolment pattern should consult the course specification to ascertain if a course is offered in another term.





Course	Year of program and semester in which course is normally studied			Residential school	Enrolment requirements		
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Academic Courses							

