

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

QTAC code (Australian and New Zealand applicants): Springfield campus: 927352; 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:	Springfield, 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 Freecall (within Australia): 1800 269 500 Phone (from outside Australia): +61 7 4631 5315 Email: study@usq.edu.au	Ask a question Phone: +61 7 4631 5543 Email: international@usq.edu.au	Ask a question Freecall (within Australia): 1800 007 252 Phone (from outside Australia): +61 7 4631 2285 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 QTAC website.

Admission requirements

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

- Have achieved a minimum Overall Position (OP) **10**, tertiary entrance rank **79** 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.
- Applicants should ensure they are able to complete this program within the maximum duration of eight years. To achieve this, students will need to complete a minimum of five

These are determined by the University for specific programs each Semester. The 2017 OP and tertiary entrance ranks are based on agreed QTAC schedules which assess formal study at Year 12 or

Electives/Approved courses

Approved courses are included in the list of Academic courses. Students should select these courses from the approved courses list.

Practical experience

Students who enrol in on-campus mode for Practice courses normally undertake a series of weekly activities and/or attend a compulsory residential school.

[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 either 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](#).

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

Footnotes

^{^^} [ENG1901 Engineering Practice 1](#) is the first in a series of Practice courses designed to enable students to acquire engineering and professional practice skills, including practical and teamwork skills, problem solving and engineering judgement. It is designed principally to cater for the needs of recent school leavers and those lacking any significant experience of the engineering w