

# **Graduate Certificate in Engineering Science (GCNS) - Grad Cert Eng Sci**

CRICOS code (International applicants): 067687KEeduc54.771 0 0 1 59.222.8184624.318481 | On-campus K February) 1 0

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## Program objectives

Students who successfully complete the [Graduate Certificate in Engineering Science](#) will be able to demonstrate their ability to:

- to enable students to acquire, and demonstrate that they possess, the specified graduate attributes and capabilities;
- to enable students to acquire in-depth technical competence in one of the following fields:
  - Agricultural Engineering
  - Civil Engineering
  - Electrical and Electronic Engineering
  - Environmental Engineering
  - Geographical Information Systems
  - Mechanical Engineering
  - Power Engineering
  - Structural Engineering
  - Surveying
- to enable students from diverse and non-traditional backgrounds and locations to enrol in the program and to provide them with opportunities to acquire the skills necessary to complete the program in the normal time;
- to enable students to be empowered as learners through the provision of a wide range of teaching and learning styles and modes in their program;
- to ensure that all students, regardless of the mode of study, have equality of opportunity in acquiring the specified graduate attributes and capabilities.

## Admission requirements

To be eligible for admission to the program, candidates must possess one of the following requirements:

- an appropriate three year engineering degree in the relevant (cognate) specialisation (major field) awarded by an Australian university, or an equivalent qualification awarded by an Australian or overseas institution;
- an appropriate three or four year engineering degree in non-cognate specialisation (major field) awarded by an Australian university, or an equivalent qualification awarded by an Australian or overseas institution.\*

\* Entrants may need to undertake courses in addition to the recommended structure, which will involve study longer than the normal duration.

International candidates for admission into this program must meet the University's English language proficiency requirements for postgraduate students. Please refer to Section 2.2.3 of the [Admissions Policy](#) .

The standing of degrees awarded by an overseas institution will be determined by reference to the Sydney Accord, and Washington Accord, of which Engineers Australia (EA) is a signatory, and Australia Education International (AEI) which is a federal government agency.

## How to apply

### Domestic students

[Application for postgraduate programs](#) may be made directly to USQ.

### International students

This program is offered to international students. An international student is a person who is not an Australian or New Zealand citizen and not an Australian permanent resident. Please refer to [USQ International](#) for information about entry requirements, visa arrangements and how to apply.

## Program fees

### Commonwealth supported place

A Commonwealth supported place is where the Australian Government makes a contribution towards the cost of your higher education and you as a student pay a [student contribution amount](#), which varies depending on the courses undertaken. You 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. You are able to calculate the fees for a particular course via the [Course Fee Finder](#).

Permanent Humanitarian Visa holders, Permanent Resident visa holders and New Zealand citizens who reside outside Australia pay full tuition fees.

Domestic full fee paying students may be eligible to defer their fees through a Government loan called [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. You are able to calculate the fees for a particular course via the [Course Fee Finder](#).

## Program structure

The [Graduate Certificate in Engineering Science](#) comprises four single unit academic courses as follows:

**Schedule A:** One core course (One unit)

- [ENG5001 Professional Skills in Engineering](#)

**Schedule B:** A Three course major (Three units)

## Required time limits

Full-time students have a maximum of one year to complete this program. Part-time students have a maximum of two years to complete this program.

A pro-rata adjustment of the maximum time period will apply for those students who transfer from one mode of study to another. A pro-rata reduction in the maximum time period will apply to students who are admitted to a program with advanced standing.

## Major studies objectives

The major study provides students with knowledge and skills in a specific discipline. The nine major study areas in the [Graduate Certificate in Engineering Science](#) are:

Agricultural Engineering  
Civil Engineering  
Electrical and Electronic Engineering  
Environmental Engineering  
Geographical Information Systems  
Mechanical Engineering  
Power Engineering  
Structural Engineering  
Surveying









Major study: Mechanical





