

Undergraduate Certificate of Engineering Fundamentals (UCCE)

- Admission into this short program is available to Australian Citizens and Permanent Residents who are aged 17 years or over. USQ assumes your knowledge is equivalent to four semesters at senior high school level (years 11 and 12) with at least a satisfactory achievement in English.

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](#).

Program structure

Students must successfully complete four compulsory core courses before they are able to graduate with the Undergraduate Certificate of Engineering Fundamentals.

Required time limits

Students have a maximum of 18 months to complete this program.

Core courses

There are four compulsory courses:

- [ENG1002 Introduction to Engineering and Built Environment Applications](#)
- [ENG1100 Introduction to Engineering Design](#)
- [MEC1201 Engineering Materials](#)
- [DIP1003 Essential Mathematics](#) OR [ENM1500 Introductory Engineering Mathematics](#)[#]

Enrolment involves the completion of an online diagnostic test to determine the appropriate mathematics course

IT requirements

Access to an up-to-date computer is necessary. On-campus students can access appropriately equipped laboratories, but should consider acquisition of their own computer. Students should be able to access a computer with the following [minimum standards](#). All students should have access to email and the Internet via a computer running the latest versions of Internet web browsers such as Internet Explorer or Firefox. The University has a wireless network for on-campus students' computers. In order to take advantage of this facility and further enhance their on-campus learning environment, students should consider purchasing a notebook/laptop computer with wireless connectivity. Specialist software is required for some courses.

Articulation

Successful completion of this program will enable four courses of credit towards the [Diploma of University Studies](#). It will also provide entry to, and up to four courses credit towards the [ADNG Associate Degree of Engineering](#) and enable students to progress to the BENS or BENH in a range of engineering specialisations.

