

**Diploma of Engineering and Spatial Science Foundations (DESF)
- DipESSF**

mathematical and physics competencies are developed and the program will appeal to those who want to enhance and develop their broad study skills prior to sampling a range of engineering and spatial science courses in order to determine whether to embark on a more specialised associate degree program from the Faculty of Engineering and Surveying.

Program objectives

On the successful completion of the Diploma of Engineering and Spatial Science Foundations graduates will have:

- demonstrated an ability to successfully pursue an associate degree program of study in the Faculty of Engineering and Surveying
- acquired sufficient knowledge about engineering and surveying programs of study to make an informed choice about further undergraduate study in the Faculty of Engineering and Surveying
- developed an enhanced awareness of the nature of study in the Faculty of Engineering and Surveying
- developed foundation engineering knowledge, skills and competencies in a series of first year engineering and surveying associate degree courses

Admission requirements

International applicants must have a minimum entry level of IELTS 6.0 or equivalent.

There is no specified minimum educational achievement entrance standard.

Normally, to be eligible for enrolment in the program a person will have attained an age of at least 18 years in the year of the proposed enrolment.

Students will need to complete the online application form for entry to the Diploma Programs. All applicants are required to complete online diagnostic tests in Mathematics, e-literacy, and English Communication Skills. Applicants will then be given advice detailing whether the Diploma Program is the most appropriate pathway for them to undertake. Some students may be advised to undertake the [Tertiary Preparation Program](#).

How to apply

Domestic students

Application for the Foundation Diplomas may be made [directly to USQ](#).

International students

This program is available 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](#).

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. You are able to calculate the fees for a particular course via the [Course Fee Finder](#).

Program structure

This program consists of four core courses followed by four courses of specialisation. Students must successfully complete the four core courses before they will be enrolled in the four courses of specialisation.

Core courses

There are four compulsory courses:

- [DIP1000 E-Literacy for Contemporary Society](#)
- [DIP1001 Academic and Professional English](#)
- [DIP1002 Strategies for Successful Study](#)
- [DIP1003 Essential Mathematics](#)

[DIP1000 E-Literacy for Contemporary Society](#) and [DIP1002 Strategies for Successful Study](#) are co-requisites: they must be studied together, **and they** must be the first courses undertaken.

For part-time students, [DIP1001 Academic and Professional English](#) and [DIP1003 Essential Mathematics](#) must be studied after [DIP1000](#) and [DIP1002](#). All four courses can be taken in a single semester for those pursuing full-time studies.

Foundation Studies in Engineering and Spatial Sciences courses

After completing the four compulsory courses students can select four Faculty of Engineering courses from the following selection:

- [CMS1000 Communication and Scholarship](#)
- [ENG1002 Introduction to Engineering and Spatial Science Applications](#)
- [ENG1101 Introduction to Engineering Problem Solving](#)
- [ENM1500 Introductory Engineering Mathematics](#)
- [ENG1100 Introduction to Engineering Design](#)
- [SVY1500 Spatial Science for Engineers](#)
- [MEC1201 Engineering Mat](#)

