

Graduate Diploma of Engineering Science (GDNS) - Grad Dip Eng Sci

CRICOS code (International applicants): 067688J

	On-campus	Distance education
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:	1 years full-time or 2 years part-time or by distance education	
Program articulation:	From: Graduate Certificate in Engineering Science , To: Master of Engineering Science	

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: studyeng@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

Program focus

The [Graduate Diploma of Engineering Science](#) is tailored to provide an exit point from the [Master of Engineering Science](#) program that will enable domestic students to achieve different career goals without having to complete the entire Masters program. The program, through a specialised suite of technical courses in nine different majors, will equip graduates with academic, personal, professional, and technical knowledge of Engineering and Spatial Science that will allow them to support practising professionals.

Professional accreditation

The [Graduate Diploma of Engineering Science](#) is not accredited by any professional bodies other than the University of Southern Queensland.

Program aims

The primary aims of the [Graduate Diploma of Engineering Science](#) are:

- to enable students, who hold appropriate three year engineering qualifications or equivalent in the relevant specialisation (major field), to complete a postgraduate program that will lead to an advanced level of knowledge in an engineering discipline; and

Program objectives

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

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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 Diploma of Engineering Science](#) comprises eight single unit academic courses and two practice courses as follows:

Schedule A: Three core courses (Three units)

- [ENG5001 Professional Skills in Engineering](#)
- [MAT2500 Engineering Mathematics 3](#)
- [ENG3103 Engineering Problem Solving Computations](#)

Schedule B: Five Major Courses (Five units)

Schedule C: Two Practice Courses (Zero unit)

Required time limits

Full-time students have a maximum of two years to complete this program. Part-time students have a maximum of four 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 Diploma of Engineering Science](#) are:

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

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. External students should be able to access a computer with the following [minimum standards](#) as advised by the University. 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. A notebook/laptop may be required for some courses.

Residential schools

The major practical work requirements associated with each of the Faculty's programs are contained within a series of Practice Courses. These courses are designed to enhance learning, communication and practical skills through laboratory sessions, workshops, seminars, field trips and group activities.

Practice Courses may be undertaken in either on-campus or external mode. Students enrolling externally will be required to attend a compulsory [residential school](#). However, students who enrol in Practice Courses in on-campus mode may be required to undertake a series of weekly activities and/or attend a compulsory residential school. The only final grades available in these courses are Pass (P) or Fail (F).

Practice Courses are zero unit courses that are a compulsory part of the program. However, they do not attract a student contribution charge for Australian residents or a tuition fee for international students. External students should ensure that they are able to attend the residential school prior to enrolling in a Practice Course.

Articulation

The [Graduate Certificate in Engineering Science](#), the [Graduate Diploma of Engineering Science](#), and the [Master of Engineering Science](#) are a nested suite of programs. Students who have completed the [Graduate Diploma of Engineering Science](#) are able to apply to articulate with full credit to the [Master of Engineering Science](#).

Exit points

Students who have completed four courses in the program may satisfy the requirements for the [Graduate Certificate in Engineering Science](#) and therefore may apply to exit the program with a [Graduate Certificate in Engineering Science](#).

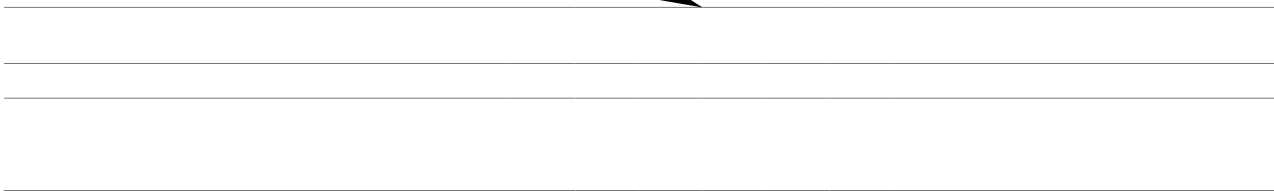
Students who are unable to satisfactorily complete the program may apply to transfer to the [Bachelor of Engineering](#) or the [Bachelor of Spatial Science](#) as appropriate. They may also apply to have the courses completed in the [Graduate Diploma of Engineering Science](#) credited to their new program.

Exemptions

Candidates for admission to the program are eligible to seek exemptions in the program in accordance with existing University regulations. the maximum number of exe939 303.274 Tc1 Tf1 0 0 1 59.528 430.412 ot2564 404.012 Tn

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Schedule C: Practice Courses Students must complete all the courses listed in this schedule.							
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Footnotes

^ On-campus students should enrol in the external offering of this course.