

Engineering Doctorate (ENGD) - EngD

	Distance education
Semester intake:	Semester 1 (February) Semester 2 (July) Semester 3 (November)
Fees:	Domestic full fee paying place International full fee paying place Research training scheme (RTS)
Standard duration:	5 years minimum and 10 years maximum

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 aim of the Engineering Doctorate program is to enhance the skills of already high performing professional engineers in the areas of detailed technical investigation, applied research and development, innovative design and analysis. The program allows candidates to develop and demonstrate these essential skills by communicating their significant original professional technical achievements as a substantial body of work in a formal academic format. In addition, candidates are likely to acquire some additional key management knowledge and/or broad technological knowledge. The specific set of knowledge will depend on the candidate's choice of courses.

Program aims

The aim of the 24 unit Engineering Doctorate program is to enhance the skills of already high performing professional engineers in the areas of detailed technical investigation, applied research and development, innovativ

Depending on the choice of Elective courses, students will also be able to demonstrate the ability to:

- apply selected fundamental management theories and practices;
- apply skills in engineering and technology business;
- evaluate the importance of technological innovation and risk in engineering business; and
- apply knowledge and skills associated with technology management in areas such as sustainable development, technical risk assessment and engineering asset management.

Admission requirements

To be eligible for admission to the program, candidates must:

- possess an appropriate four-year Bachelor degree in Engineering awarded by an Australian university, or an equivalent qualification awarded by an overseas institution, with a high level of academic achievement; and
- be able to demonstrate, or be in a position to produce, their own substantial, original professional contributions in an appropriate Engineering field.

The standing of degrees awarded by an overseas institution will be determined by reference to the [National Office of Overseas Skills Recognition](#) (NOOSR) or other appropriate information services. Prospective candidates should discuss their previous professional level with the Associate Dean (Research) prior to applying for admission into the program.

How to apply

Applications for [Research Master and Doctorate programs](#) should be made directly to USQ.

Program fees

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](#).

Research training scheme (RTS)

The Research Training Scheme (RTS) provides Commonwealth-funded higher degree by research (HDR) students with an 'entitlement' to an exemption from course fees for the equivalent of four years full-time study

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a portfolio of published papers, technical reports and designs. In this latter case the purpose of the dissertation is to link the elements of the portfolio and to provide a clear exposition of the original and novel aspects of the work.

Program completion requirements

Candidates will normally complete the program within six years of part-time study. The maximum duration of the program is 10 years from the first date of enrolment.

Required time limits

Full-time students have a maximum of five years to complete this program. Part-time students have a maximum of 10 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.

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.

Exit points

Candidates who complete four courses from Schedule A may satisfy the requirements for the [Postgraduate Certificate in Engineering](#) program in which case they could exit the program with a [Postgraduate Certificate in Engineering](#).

Candidates who complete seven courses from Schedule A plus [ENG8001 Engineering and Surveying Research Methodology](#) from Schedule B may satisfy the requirements for the [Master of Engineering](#) . in which case they could exit the program with a [Master of Engineering](#) ..

Exemptions

Candidates for admission to the program are eligible to seek advanced standing in the program, in accordance with existing University regulations. Applications for advanced standing should be made prior to enrolling in the program. The maximum number of exemptions permitted in this program will be 12 units. Up to eight units of coursework exemptions will be permitted. Studies used as the basis for claims for advanced standing must be postgraduate studies. They will normally have been completed within a period of five years prior to the date of application for advanced standing.

Enrolment

Candidates for admission to the program should note that some of the courses specify enrolment requirements. This will mean that successful applicants may be enrolling in courses for which they do not have sufficient pre-requisite knowledge. Applicants should refer to the [course synopses](#) section of this publication to determine the enrolment requirements for the courses they intend enrolling in. Candidates will be expected to rectify any deficiencies in their pre-requisite knowledge by private study, guided if necessary by the examiners of the relevant courses.

Recommended enrolment pattern

Candidates must complete:

Schedule A

[Research Methodology](#)

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studies must be soug

