

Doctor of Professional Engineering (DPEN) -

	External
Semester intake:	Semester 1 (February) Semester 2 (July) Semester 3 (November)
Fees:	Domestic full fee paying place International full fee paying place Research Training Program (RTP) - Fees Offset scheme
Standard duration:	Part-time candidates normally complete in 6 years. Students have a maximum of 8 years part-time to complete this program.

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: study@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 aims

The aim of the Doctor of Professional Engineering 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 objectives

Students who successfully complete the Doctor of Professional Engineering will be able to demonstrate the ability to:

- critically evaluate knowledge from the professional journals and other information sources relevant to the professional engineering field;
- analyse trends in technology;
- use research skills in the field of professional engineering;
- apply skills in detailed technical investigation of complex and unique engineering problems;
- develop innovative solutions, designs and analyses; and
- present a clear and accurate written account of an extensive and complicated body of work

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.

Australian Qualifications Framework

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If a student's RTP Fees Offset entitlement expires before completion of the program, the student will be required to pay full tuition fees.

Students eligible for an RTP Fees Offset place are those who:

- have not used RTP Fees Offset funding in the previous three years; or
- have already used RTP Fees Offset funding and have successfully completed an HDR program. Once a student completes an HDR program, full entitlements of RTP Fees Offset are restored.

The Australian Commonwealth Government's contribution to program fees must be acknowledged on all published material relating to a research project via a statement identifying the support received through the RTP Fees Offset scheme.

Program structure

This program is a 24-unit program made up of eight single-unit academic courses and 16 units of independent research.

Program completion requirements

Award of a Doctor of Professional Engineering requires the successful external examination of the student's dissertation of research outcomes, work based research project/s and professional learning.

Required time limits

Candidates will normally complete the program within six years of part-time study. Students have a maximum of eight years (part-time) to complete this program. 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 of the listed courses from Schedule A may satisfy the requirements for the [Graduate Certificate of Advanced Engineering](#), in which case they could exit with this award.

Candidates who complete seven of the listed courses from Schedule A plus [ENG8001 Engineering Research Methods](#) from Schedule B may satisfy the requirements for the [Master of Advanced Engineering](#) in which case they could exit with this award.

Credit

Exemptions/credit will be assessed based on the [USQ Credit and Exemption Procedure](#).

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 specification](#) section of this publication to determine the enrolment requirements for the courses the

Recommended enrolment pattern

Students are able to enrol in any offered mode of a course (on-campus, external or online), regardless of the program mode of study they enrolled in.

Candidates must complete:

- seven units of approv