

Engineering Doctorate (ENGD) - EngD

	Distance education
Semester intake:	Semester 1 (March) Semester 2 (July) Semester 3 (November)
Fees:	Domestic full fee paying place International full fee paying place Research training scheme (RTS)
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 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 objectives

Students who successfully complete the Engineering Doctorate 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.

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, normally having achieved a GPA of at least 5.0;
- 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 Faculty of Health, Engineering and Sciences prior to applying for admission into the program.

Domestic and International Applicants from a non-English speaking background are required to satisfy [English language requirements](#).

If you do not meet the English language requirements you may apply to study a Uni

Program completion requirements

Award of an Engineering Doctorate requires the successful external examination of the student's dissertation of research outcomes, w

Within Schedule A, up to four other postgraduate courses may be approved as part of the Engineering Doctorate program. Approval for the inclusion of prior studies must be sought at the time of application for this program.

Consult the Handbook on the Web at <http://www.usq.edu.au/handbook/current> for any updates that may occur during the year.
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Notes:

Before enrolling in any courses, candidates should read the section entitled Enrolment Requirements.

At least five courses from Schedule A must normally be completed prior to enrolling in the independent research courses.