

Graduate Certificate of Advanced Engineering (GCAE) - GradCertAdvEng

| | Online |
|------------------------------|---|
| Start: | Semester 1 (February) Semester 2 (July) |
| Fees: | Domestic full fee paying place International full fee paying place |
| Standard duration: | 1-2 years part-time |
| Program articulation: | From: Bachelor of Engineering (Honours) To: Master of Advanced Engineering |

Notes:

Some of the courses in the Engineering Management and Engineering Project Management specialisations may be available on-campus at Springfield.

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 |

Professional accreditation

The Graduate Certificate of Advanced Engineering is not accredited by any professional bodies other than the University of Southern Queensland.

Program objectives

Students who successfully complete the Graduate Certificate of Advanced Engineering will be able to demonstrate an ability to:

- complete a postgraduate program that will lead to an advanced theoretical and technical knowledge in an engineering discipline or engineering management and practice.
- critically evaluate knowledge from professional journals and other information sources relevant to their specialisation to communicate complex ideas and theoretical concepts.
- acquire advanced and integrated understanding of a complex body of knowledge in one or more disciplines or areas of professional practice.

Australian Qualifications Framework

The Australian Qualifications Framework (AQF) is a single national, comprehensive system of qualifications offered by higher education institutions (including universities), vocational education and training institutions and secondary schools. Each AQF qualification has a set of descriptors which define the type and complexity of knowledge, skills and application of knowledge and skills that a graduate who has been awarded that qualification has attained, and the typical volume of learning associated with that qualification type.

This program is at AQF Qualification Level 08. Graduates at this level will have advanced knowledge and skills for professional or highly skilled work and/or further learning.

The full set of levels criteria and qualification type descriptors can be found by visiting www.aqf.edu.au.

Admission requirements

To be eligible for admission, applicants must satisfy the following requirements:

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Articulation

Students who complete this program are eligible to articulate into the [Master of Advanced Engineering](#) degree. They will receive

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| CIV8804 Advanced Design Practice using Finite Element Analysis | | | | | | 2 | |
| ENG8111 | | | | | | 2 | |

Footnotes

^ Offered odd years only