Master of Engineering Management

This course is designed for practising engineers to gain the specialist skills and advanced engineering knowledge required for leadership and management positions in a diverse range of engineering roles. It will provide the analytical tools and methods required to improve operational efficiencies, typically within manufacturing and service organisations.

Why choose this course?
QUT’s Master of Engineering Management will deliver real world skills and knowledge for professional advancement.

You will gain technical skills in quality control and improvement, organisational infrastructure management (transportation, water, energy, buildings and telecommunications), and the development of decision support systems.

You will learn an integrated computer-based approach to monitor and manage internal and external resources of an organisation, including tangible assets, financial resources, materials and human resources. This approach facilitates the flow of information between all business functions inside the organisation and manages connections to outside stakeholders.

You will acquire knowledge in a range of strategies and practices used in an organisation to identify, create, represent, distribute and enable adoption of insights and experiences. These practices focus on organisational objectives such as competitive advantages, innovation, the sharing of lessons learned, integration and continuous improvement of the organisation.

Entry requirements

Academic entry requirements

- A completed recognised four-year full-time bachelor degree in a relevant engineering discipline with a minimum grade point average (GPA) score of 4.0 on QUT’s 7-point scale; or
- A completed recognised three-year full-time bachelor degree in a relevant engineering discipline with a minimum grade point average (GPA) score of 4.0 on QUT’s 7-point scale and two years full-time professional engineering work

Craig Whiteman
Real student

‘I have found the masters experience academically challenging and relevant. This is my third degree and will be my second postgraduate qualification and QUT’s admissions staff have been helpful in considering applications for credit in those areas where I already have qualifications. The class has a good mix of domestic and international students, which helps to create a more dynamic learning and cultural experience.’
Master of Engineering Management

*Students applying on the basis of work experience must submit a current curriculum vitae and employer statements detailing roles and responsibilities.

**Minimum English requirements**
Students must meet the English proficiency requirements.

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<tr>
<th>IELTS (International English Language Testing System)</th>
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<tbody>
<tr>
<td>Overall</td>
<td>6.5</td>
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<tr>
<td>Listening</td>
<td>6.0</td>
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<td>Reading</td>
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<td>Writing</td>
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<td>Speaking</td>
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**Course structure**
To graduate with a Master of Engineering Management you are required to complete 96 credit points (8 units) consisting of:

- 60 credit points of core engineering management postgraduate units, including advanced research skills and research based project units, a professional practice unit and an advanced discipline unit. Plus 36 credit points of advanced discipline and management units to be selected from a list of options.

**Combined masters packages for international students**
If you are admitted to either of:

- Master of Engineering Management and Master of Engineering package
- Master of Engineering Management and Master of Project Management package

You can progress to the second degree on completion of the first.

You will receive an award for each degree completed.

Refer to the combined package course structure of the relevant second year degree for unit details.

**Careers and outcomes**
The Master of Engineering Management allows graduates to become specialist engineering managers within their chosen professional field, particularly to become leaders and managers of engineering processes. Graduates can also use the skills and knowledge gained to diversify their capabilities across a broader spectrum of engineering disciplines.

Graduates will be capable of undertaking management-level roles in operations management, quality control management, logistics, supply chain management and other specialised engineering fields.

**Complete two master degrees in two years**
Our combined masters packages allow you to complete two masters degrees in just two years. You can choose from:

- Master of Engineering EN50 and Master of Project Management PM20
- Master of Engineering Management BN87 and Master of Project Management PM20
- Master of Engineering Management BN87 and Master of Engineering EN50.

This information has been prepared for International students and temporary visa holders. For more information and to check if a course is available, visit www.qut.edu.au/international. Last updated on: 20/07/2020. Information contained in this document was correct at the time of printing. The university reserves the right to amend any information, and to cancel, change or relocate any course. CRICOS No.00213J