Master of Engineering Management (MENM) - MEngMgt

This program is offered only to continuing students. No new admissions will be accepted. Students who are interested in this study area should consider the MENC Master of Engineering.

<table>
<thead>
<tr>
<th></th>
<th>On-campus</th>
<th>Distance education*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Semester intake:</td>
<td>No new admissions</td>
<td>No new admissions</td>
</tr>
<tr>
<td>Campus:</td>
<td>Toowoomba</td>
<td>-</td>
</tr>
<tr>
<td>Fees:</td>
<td>Domestic full fee paying place</td>
<td>Domestic full fee paying place</td>
</tr>
<tr>
<td></td>
<td>International full fee paying place</td>
<td>International full fee paying place</td>
</tr>
<tr>
<td>Standard duration:</td>
<td>1-2 years by distance education</td>
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</table>

Footnotes
- Where exemptions are granted, maximum and minimum duration will be adjusted in the same proportion as exemptions, for example where four exemptions are granted, maximum duration will be 2 years and minimum duration will be 1 term.

Contact us
Current students
Telephone 1800 007 252 (within Australia freecall), +61 7 4631 2285 (from outside Australia), email usqassist@usq.edu.au or submit a question via USQAssist.

Program focus
These Engineering Management programs provide graduates with knowledge of selected basic concepts and skills associated with engineering management in areas, such as sustainable development, technical risk assessment, and engineering asset management. The aim of the Master of Engineering Management program is to produce graduates who are equipped with essential management knowledge and an appreciation of the latest technologies much broader than their initial specialisation. The skill set would therefore allow the graduate to manage more complex technological or engineering businesses.

Program aims
The aim of the Master of Engineering Management program is to produce graduates that are equipped with essential management knowledge and an appreciation of the latest technologies much broader than the initial specialisation. The skill set would therefore allow the graduate to manage more complex technological or engineering businesses.

Program objectives
Students who successfully complete the Master of Engineering Management will be able to demonstrate an ability to:
- evaluate critically knowledge from the professional journals and other information sources relevant to engineering fields
- analyse technological trends, current and advanced technologies
- assess the role of technology in engineering products and processes
- apply skills in engineering and technology business
- apply knowledge of selected basic concepts and skills associated with engineering management in areas such as sustainable development, technical risk assessment, and engineering asset management
- evaluate the importance of technological innovation and risk in engineering business
- apply management skills acquired through Elective courses in the context of engineering management.
Admission requirements
To be eligible for admission to the program, candidates must possess an appropriate three-year science-based bachelor degree, which will normally be in Engineering or Surveying, awarded by an Australian university, or an equivalent qualification awarded by an overseas institution plus two years of appropriate full-time equivalent work experience; OR an appropriate four-year science-based bachelor degree, which will normally be in Engineering or Surveying.

The standing of degrees awarded by an overseas institution will be determined by reference to the National Office of Overseas Skills Recognition (NOOSR).

International students must meet the University’s English language proficiency requirements for postgraduate students. Refer to Academic Regulation 5.4.

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.
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.

Program structure
The Master of Engineering Management is made up of eight single-unit courses as follows:
- four core courses, plus
- four Elective courses from the list of approved Elective courses.

Required time limits
Full-time students have a maximum of two years to complete this program. Part-time students have a maximum of four 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
Students should refer to the section entitled Access to Information Technology Facilities in the General Faculty and Program Information section of this Handbook.

Other program requirements
Students must maintain good standing in this program. Refer to Academic Regulation 5.9.

Residential schools
Voluntary residential schools may be offered in some courses in this program. Details are provided in individual course Introductory Books.

Exit points
Students who do not complete the Master of Engineering Management, but who satisfy all the requirements of the Postgraduate Certificate in Engineering may be permitted to exit with that qualification.
Exemptions

Candidates for admission to the program are eligible to seek advanced standing for the program, in accordance with existing University regulations. Studies used as the basis for claims for advanced standing must be postgraduate studies. The maximum number of exemptions permitted in this program will be four units of Academic courses provided those courses have not been used to meet the requirements of any other award. The maximum number of exemptions permitted in this program will be two units of Academic courses if those courses have been used to meet the requirements of another award.

Recommended enrolment pattern

Students must complete four courses from Schedule A and four courses from Schedule B which must include at least two Group 1 courses.

<table>
<thead>
<tr>
<th>Course</th>
<th>Year of program and semester in which course is normally studied</th>
<th>Enrolment requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>On-campus (ONC)</td>
<td>External (EXT)</td>
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<tr>
<td></td>
<td>Year</td>
<td>Sem</td>
</tr>
</tbody>
</table>

Schedule A

Students must complete the following four courses:

- ENG8101 Technological Impact and its Management
- ENG8102 Towards Sustainable Development*
- ENG8103 Management of Technological Risk
- ENG8104 Asset Management in an Engineering Environment

Schedule B

Students must complete four courses from this schedule, including at least two courses from those listed in Group 1:

Group 1

- ENG8001 Engineering and Surveying Research Methodology
- ENG8011 Assessment of Future Specialist Technology++
- ENG8204 Management of Environmental Technology#
- ENG8205 Technology Management Practice
- ENG8206 Whole of Life Facilities Management#
- ENG8207 Technological Innovation and Development+++

Group 2

- ACC5502 Accounting for Managers
- CIS5001 Information Systems for Managers
- ECO5000 Economics for Managers
- LAW5503 Australian Law and Business
- MGT5000 Management and Organisational Behaviour
- FIN5003 Decision Support Tools
- MKT5000 Marketing Management

Footnotes

* On-campus students should take CIS8010 Information Systems Project Management (S2 ONC). External students may substitute one of the following courses for ENG8102 in 2010: REN8101 Environment, Society and Sustainability (S1 EXT); ECO8011 Global Issues in Environmental Management and Sustainable Development (S2 EXT and S2 WEB); or ECO8012 Tools and Techniques for Sustainable Development (S2 EXT and S2 WEB).

++ On-campus students should take CIS8100 Global Information Systems Strategy (ONC, 1).

# Students should consult with the Program Coordinator, Dr David Thorpe, about alternative enrolment patterns.

+++ On-campus students should take CIS8017 Knowledge Management (ONC, 2).
OE Before enrolling in this course students must check that they have satisfied the 'Recommended prior study' or 'Other enrolment' requirements set out in the Other requisites section of the course specification.