This course is designed to prepare professional engineers for careers in which they will need advanced engineering knowledge and understanding of current practice in specialist fields such as electrical engineering and mechanical engineering. It will provide the skill sets to approach new problems creatively, with initiative, accountability and planning.

Why choose this course?
Building on your undergraduate degree, QUT’s Master of Engineering will deliver real world skills and advanced knowledge for professional practice in your specialist field.

You will advance your capabilities in information literacy, problem solving, application of theory, engineering design, communication, and interaction with other professionals.

You can choose from specialisations in:
- Electrical engineering
- Mechanical engineering.

As part of the core studies, you will complete units in Data Analytics, and Project Management. You will also have a wider choice of discipline unit options, which enables you to tailor your studies to your needs.

Entry requirements

Academic entry requirements

Electrical Engineering

A completed recognised four year full-time Bachelor in an electrical engineering or related area with an overall grade point average of 4.0 (on QUT's 7-point scale); OR

A completed recognised three year full-time Bachelor in an electrical engineering or related area with an overall grade point average of 4.0 (on QUT's 7-point scale) and two years full time professional work experience in Electrical Engineering. Students applying on the basis of work experience must submit a current curriculum vitae and employer statements detailing roles and responsibilities.

The following areas would meet the related area requirements for Electrical Engineering:


Mechanical Engineering

A completed recognised four year full-time Bachelor in an Mechanical Engineering area* with an overall grade point average of 4.0 (on QUT's 7-point scale); OR

A completed recognised three year full-time Bachelor in an Mechanical Engineering area* with an overall grade point average of 4.0 (on QUT's 7-point scale) and two years full time professional work experience in Mechanical Engineering. Students applying on the basis of work experience must submit a current curriculum vitae and employer statements detailing roles and responsibilities.
Master of Engineering

The following areas would meet the 'related engineering area' requirement for mechanical Engineering: Aerospace, Aircraft Maintenance, Aviation, Automotive, Biomedical, Chemical and Materials, Chemical and Metallurgical, Industrial, Manufacturing, Marine, Maritime, Materials, Mechanical, Mechatronic, Medical, Mining, Naval Architecture, Ocean, Process, Product Design, Tool making.

Minimum English requirements
Students must meet the English proficiency requirements.

<table>
<thead>
<tr>
<th>IELTS (International English Language Testing System)</th>
<th>Overall</th>
<th>Listening</th>
<th>Reading</th>
<th>Writing</th>
<th>Speaking</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall</td>
<td>6.5</td>
<td>6.0</td>
<td>6.0</td>
<td>6.0</td>
<td>6.0</td>
</tr>
</tbody>
</table>

Course structure
To graduate with a Master of Engineering you are required to complete 96 credit points of course units consisting of:

60 credit points of core engineering 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 units from your specialisation (mechanical or electrical) to be selected from a list of options.

Option units provide added depth and breadth in your chosen discipline area, as such you should select an alternate unit if you have completed a similar or equivalent unit in your previous studies.

Combined masters packages for international students
If you are admitted to either of:
- Master of Engineering and Master of Project Management package
- Master of Engineering Management and Master of Engineering 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.

International Student Entry
You must maintain an enrolment program that will allow you to complete your course within the specified timeframe of your electronic Confirmation of Enrolment (eCoE)

Careers and outcomes
Graduates are equipped with an understanding of how to apply knowledge gained in undergraduate study to real-life working situations. Graduates may choose to become specialist engineers within their chosen professional field, or use the skills and knowledge gained to diversify their capabilities across a broader spectrum of disciplines.

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.