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**
A completed recognised four year full-time bachelor degree in an electrical or mechanical engineering or a related engineering area with a minimum grade point average (GPA) of 4.00 (on QUT’s 7-point scale).

The following areas would meet the ‘related engineering area’ requirement:
- Aerospace
- Aircraft Maintenance
- Aviation, Automotive
- Biomedical
- Chemical and Materials
- Chemical and Metallurgical
- Communication
- Computer
- Electrical
- Electronic
- Electronic and Biomedical
- Energy
- Industrial
- Information and Communications Technology
- Instrumentation and Control
- Manufacturing
- Marine
- Maritime
- Materials
- Mechanical
- Mechatronic
- Medical
- Microelectronic
- Mining

Accurate as at 24/02/2020. For the latest information see: https://www.qut.edu.au/courses/master-of-engineering
Master of Engineering

- Naval Architecture
- Ocean
- Photonics
- Photovoltaic and Solar Energy
- Power
- Process
- Product Design
- Renewable Energy
- Robotic Software
- Telecommunications
- Tool making
- Wireless

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.*

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.

Fees
FEE-HELP
You may be eligible for FEE-HELP, a loan scheme to help you pay your course fees, if you are an Australian citizen or hold an Australian permanent humanitarian visa. For other conditions read the FEE-HELP information.

Student Services and Amenities Fee
You’ll need to pay the student services and amenities fee as part of your course costs. You may be eligible for SA-HELP, a loan scheme to help you pay your student services and amenities fee, if you are an Australian citizen or hold an Australian permanent humanitarian visa. For other conditions read the SA-HELP information.