

Shape

the way
we live

Bachelor of Engineering (Mechanical) (Honours)

Mechanical engineers work with machines and mechanical systems to develop better manufacturing methods. This program teaches you the finer points of engineering and machine design, fluid mechanics and production engineering, with options to specialise in areas such as electrical engineering, mechatronic engineering, town planning studies and supply chain management.

In this program you will:

- Learn how to use mathematical and scientific principles to solve a wide range of technical problems
- Get plenty of hands-on experience, including 12 weeks work experience with professional engineers
- Complete a major final-year research project on a topic of your choice
- Learn from industry professionals through guest lectures that expose you to current engineering professional practice
- Recreate interactive real-life scenarios in USC's state-of-the-art visualisation studio and dedicated engineering laboratories

Exemption for first year Mathematics

High achieving mathematics students can apply for exemptions to introductory mathematics and calculus subjects. However, exempted courses will need to be replaced with engineering relevant courses to fulfil requirements of the degree. Apply through the School of Engineering.

Post-admission requirements

Students must complete 60 days of suitable field experience.

Career opportunities

- Government agencies
- Pharmaceutical companies
- Engineering consultancies
- Research organisations
- Mining industry
- Chemical processing
- Construction
- Manufacturing
- Oil and gas
- Automotive
- Aviation
- Transport
- Defence
- Agriculture

Graduates are eligible to apply for membership with Engineers Australia as a:

- Mechanical engineer

This program is internationally recognised to allow you to work in Australia and overseas.

LOCATIONS

Sunshine Coast
Moreton Bay

QTAC CODE

013741
014741

MINIMUM SELECTION THRESHOLD

OP - 15 / Rank - 68

DURATION

4 years full time or equivalent part time

COMMENCE

Semester 1 or Semester 2

RECOMMENDED PRIOR STUDY

Maths C; and Physics or Chemistry

PREREQUISITES

English (4,SA); Maths B (4,SA)

MORE INFORMATION

Contact Student Central
information@usc.edu.au
+61 7 5430 2890

usc.edu.au/sc411