Forget about robots coming to take your job—instead, make it your job to design the robots and automated systems of the future. Mechatronics is an exciting field that combines the best of mechanical, electrical and electronic and computer engineering to create new technologies and constantly improve the systems around us. With automation set to play an increasing role in almost every product and industry, this degree will give you skills that are in demand and future-proof your engineering career.

In this degree you will:

- Study the fundamentals of engineering, including applied maths, physics, statistics and system design
- Learn about robotics and autonomous systems, communication engineering, digital logic and computer programming, machine vision and more
- Choose the area you want to specialise in, including electrical and electronic or mechanical engineering, management or entrepreneurship
- Get hands-on project management experience by designing your own major engineering research project

Career opportunities

Mechatronics engineers work across a range of fields, including robotics engineering, industrial engineering and product design, manufacturing, data communications, automotive and more.

Membership

Engineering students are eligible for free membership to Engineers Australia. Once their degree is complete they are eligible for Graduate membership.

Accreditation

This program is currently undergoing provisional accreditation by Engineers Australia.

Scholarships

Scholarships can give you money and other financial support to help you while you study. Find out more at usc.edu.au/scholarships.

LOCATION | QTAC CODE
Moreton Bay | 014721

MINIMUM SELECTION THRESHOLD
ATAR - 63.15 / OP - 15 / Rank - 68

DURATION
4 years full time or equivalent part time

COMMENCE
Semester 1

RECOMMENDED PRIOR STUDY
Specialist Maths; and Physics or Chemistry

PREREQUISITES
English (Units 3 and 4, C), Maths Methods (Units 3 and 4, C)

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