Bachelor of Engineering (Honours) in Mechatronic Engineering (International students)

Program code
1426

Commencing in
For Continuing Students Only

Available at

Duration
4 years full-time

Credit points
320

About this program

Mechatronic engineers design and create machinery that integrates with electronics and computer control. In this degree, you will learn how to work with innovative technologies in many different applications, including intelligent machines, smart devices and robotics.

You will learn the fundamentals of mechanical, electrical and electronic engineering and gain knowledge and technical skills in key areas such as mechanics, signal processing and analysis, and sensor technology. In your final year, you will enhance your skills through industry experience.

My attendance during the program

Attendance information

The Bachelor of Engineering (Honours) in Mechatronic Engineering is offered full-time (as eight full-time standard trimesters) on-campus at the Gold Coast. You may choose to study courses at other campuses if or where the program structure allows.

As a full-time student you will generally attend 20-25 hours of scheduled classes per week throughout the trimester. Classes may be scheduled during the day and evening throughout the week. From third year onwards, some classes may be available for study off campus or on weekends.

If you are an International student on a student visa, you must ensure that you enrol in a way that will allow you to complete your enrolment within the expected program duration as stated on your Confirmation of Enrolment (CoE).

Work-integrated learning

An integrated program of exposure to industry practice will be built into the program. Practising engineers will be directly involved in the learning and teaching process, particularly through involvement with laboratory and tutorial sessions. Staff will draw upon their industry/professional experience in choosing their laboratory activities, their projects and/or case studies and problems. Field trips will enhance awareness of the current industry/professional practice. The final year Professional Practice course provides a capstone WIL experience, integrating technical expertise with the practical issues of professional/industry practice.

My career opportunities

My career opportunities

This degree prepares you to work with innovative technologies in many different applications, including: intelligent machines, micro-machines, smart devices, control systems for consumer products, and robotics. You will find opportunities in companies that design and manufacture consumer machines such as washing machines and motor vehicles, as well as in companies that design, manufacture and install specialised industrial machines for agriculture, mining and manufacturing. You will also find opportunities in mechanical, electrical or computer engineering companies and small to medium high technology companies involved in automation.

Program accreditation

Program accreditation

In Australia, professional accreditation of entry to practice engineering programs is the responsibility of Engineers Australia and is normally carried out on a five-yearly cycle. Griffith University underwent this review in August 2015.

Accreditation ensures academic institutions consistently meet national and international benchmarks and engineering graduates of an accredited program are assured membership with Engineers Australia at the relevant career grade and enjoy reciprocal privileges by equivalent professional bodies overseas.

Countries such as the USA, United Kingdom, Hong Kong (SAR), New Zealand, Canada, South Africa and others that are co-signatories to international agreements on joint recognition offer international recognition.

The Washington Accord, the Sydney Accord and the Dublin Accord recognise the substantial equivalence of accreditation systems and accredited programs across international boundaries at the Professional Engineer, Engineering Technologist and Engineering Associate levels respectively. Please refer to the International Engineering Alliance (IEA) website for more details.

Please see the Engineers Australia website for the most recent list of accredited programs.

Pathways to further study

Pathways to further study

Students completing their degree with Honours may be eligible to proceed to Higher Degree Research (HDR) study.

What are the fees?

International students

An International student is one who is not:

- an Australian or New Zealand citizen or
- a Pacific Engagement visa holder or
- a person who has Australian permanent resident status.

Indicative annual tuition fee

The indicative annual tuition fee is calculated based on a standard full-time study load which is usually 80 credit points (two full-time trimesters).

The indicative annual tuition fee is based on current conditions and available data and should only be used as a guide. These fees are reviewed annually and are subject to change.

Tuition fees

- An International student pays tuition fees.
- Students are liable for tuition fees for the courses they are enrolled in as at the census date.
- The tuition fee for students who commence their program prior to 2014 is charged according to the approved program fee for the trimester in which the student commenced the program.
- The tuition fee for students who commence their program from 2014 onwards is charged according to the approved program fee for the trimester in which the student is enrolled.

Program fees for the Bachelor of Engineering (Honours) in Mechatronic Engineering (1426)

Fees for this program can be found on the Programs and Courses website in the "Overview and fees" section. Select your commencing year to view your fees.

Changing programs

If an International student changes to a different program they will be subject to the approved program fee for the trimester in which they are enrolled.

Permanent resident status

If an **undergraduate student** obtains permanent resident status in Australia after commencing study in a program, and the student can provide evidence of permanent resident status prior to the census date (of the trimester in which they are enrolled), the student will be provided with a domestic fee-paying place.

The student may then apply for a Commonwealth supported place at the next admission period provided that the student satisfies the conditions for transfer from a domestic fee-paying place to a Commonwealth supported place as set out in the Undergraduate Programs Admission Policy.

If a **postgraduate student** obtains permanent resident status in Australia after commencing study in a program, and the student can provide evidence of permanent resident status prior to the census date (of the trimester in which they are enrolled), the

student will automatically be considered for a Commonwealth supported place (subject to availability) or a domestic fee-paying place as applicable for the program.

If a **research student** obtains permanent resident status in Australia after commencing study in a program, and the student can provide evidence of permanent resident status prior to the census date (of the trimester in which they are enrolled), the student will automatically be considered for a Commonwealth Government Research Training Program (RTP) Fee Offset or a domestic fee-paying place as applicable for the program.

Further information

- Fees and Charges Procedure
  - 3.6 - Fees for International Students
  - 3.9 - Administrative and Miscellaneous Charges
  - Fees and Charges Schedules
- Cost of studying in Australia