



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

Program code

1426

Commencing in

For Continuing Students Only

Available at

Duration

4 years full-time

8 years part-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.

Student Income Support

To be classed as a full-time student, you are required to enrol in a minimum number of credit points each standard study period. The minimum credit points for full-time enrolment in this program is 30 credit points.

Trimester 1 and Trimester 2 are deemed standard study periods. As Trimester 3 is a non-standard study period, continuing students moving from one year to the next will not be required to study during this trimester to be eligible for student income support.

Domestic students who commence in Trimester 3 may be eligible for student income support from the onset of study provided they are enrolled full-time in this study period.

Please refer to the [Australian Government website](#) for more details.

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?

Commonwealth supported students

- The indicative fee represents the expected average fee for an annual full-time study load (80 credit points). This is based on average study patterns across courses and the Australian Government's broad discipline areas (student contribution bands). A student's actual annual fee may vary in accordance with his or her choice of majors and electives. The Australian Government sets student contribution amounts on an annual basis.
- [Find out more...](#)

Fee-paying undergraduate (domestic) students

These fees are only applicable to domestic students who are not Commonwealth supported including:

- Full-fee paying domestic students who commenced their program prior to 2009.
- International students who have been approved to pay domestic tuition fees after obtaining Australian or New Zealand citizenship or permanent residency or a permanent humanitarian visa and who have not obtained a Commonwealth supported place.

Tuition fees

- A fee-paying undergraduate 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 is charged according to the approved program fee for the trimester in which the student is enrolled.
- [Find out more...](#)

FEE-HELP

Eligible undergraduate fee-paying students may defer their tuition fees by taking out a FEE-HELP loan which is part of the Higher Education Loan Program (HELP). Payment of the loan is via the taxation system when income reaches a specified level.

- [Higher Education Loan Program \(HELP\)](#)

Further information

- [Calculating tuition fees](#)
- [Calculating your EFTSL](#)
- [Fees and Charges Procedure](#)
 - [3.2 - Fees for Undergraduate Students \(Non-international\)](#)
 - [Fees and Charges Schedules](#)
- [Financial help and support](#)