



## Bachelor of Engineering (Honours)/Bachelor of Environmental Science (Domestic students)

<b>Program code</b> 1555	<b>Entry requirements</b> 70.00	<b>Prerequisites</b> NIL
<b>Available at</b> Nathan Campus	ATAR/RANK 2024 ( <a href="#">more</a> )	<b>Assumed knowledge</b> Any General or Applied English subject (Units 3 and 4, C)
<b>Duration</b> 5 years full-time 10 years part-time	<b>Commencing in</b> Trimester 1 and Trimester 2	Mathematical Methods (Units 3 and 4, C)
<b>Credit points</b> 400		
<b>Indicative fee</b> \$9,000.00* per year ( <a href="#">more</a> ) * 2024 indicative annual CSP fee		

### About this program

With this double degree, you can tackle environmental issues with knowledge across both engineering and science. With specialist skills in the social, applied and natural sciences, you'll be well prepared to find solutions to pressing environmental issues.

With a strong practical focus, you'll develop skills in the planning, design, management, construction and maintenance of engineering projects as well as a solid foundation in biological, physical and social sciences and critical analysis.

This is your opportunity to make a real difference to the big environmental issues facing the planet, bringing a fresh perspective and proven skills to the challenges ahead.

#### Industry and expert connections

From year one, you'll be learning from industry experts and like-minded teachers. Hands-on experience is key to this double degree, and in your final year you can enhance your knowledge through an industry-based project or placement.

#### Graduate outcomes

You'll have several options available when you graduate as either an engineer or an environmental scientist. This degree could lead to a career in civil, environmental, mechanical or electrical engineering. Your environmental science degree will offer up rewarding careers such as an environmental officer, environmental consultant, wildlife biologist, conservation ecologist or environmental chemist.

#### Majors

**Changes effective for students commencing from Trimester 2 2020 onwards:**

##### Engineering

- Civil Engineering
- Electronic Engineering
- Environmental Engineering
- Mechanical Engineering

##### Environmental Science

- Ecology and Conservation
- Environmental Management
- Soil and Water Science

- Urban Environments

## Flexibility

**Tailor your timetable** - Even if you study full-time on-campus, you may still be able to customise your degree to suit your needs. From a range of tutorial times to online access to lectures and other course material, we're here to help you fit study in with your work and life commitments.

## Global mobility

Students may be eligible to do an international field trip, organised by the academic staff. This may count towards a component of the degree. Visit [Go Global Griffith](#) for more information.

## My attendance during the program

### Attendance information

This program is offered full-time on-campus.

This program includes compulsory study in Trimester 3. Students who commence in Trimester 2 should note that you will be required to study in Trimester 3 for the first year of the program.

### 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

A co requisite of this course is the completion of a minimum of 12 weeks (60 days) of approved experience in an engineering practice environment (or a satisfactory alternative). Total work placement (hours): 408.

## My career opportunities

### My career opportunities

#### Key employment sectors\*

- Environmental science
- Engineering
- Conservation
- Manufacturing
- Government

#### Potential job outcomes

- Civil engineer
- Environmental engineer
- Environmental officer
- Wildlife biologist
- Conservation ecologist
- Environmental chemist

\*Source: [Australian Government Job Outlook](#)

## 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 United States of America, 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 the Bachelor of Engineering (Honours) degree 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](#)

#### Additional fee information

##### Additional costs

Throughout your program you may be required to pay for the following items:

- personal protective equipment; steel-cap boots required for some site visits