



Bachelor of Engineering (Honours)/Bachelor of Aviation (Domestic students)

Program code 1584	Entry requirements 70.00	Prerequisites NIL
Available at Nathan Campus	ATAR/RANK 2024 (more)	Assumed knowledge Any General or Applied English subject (Units 3 and 4, C) Mathematical Methods (Units 3 and 4, C)
Duration 4 years full-time accelerated 5 years full-time equivalent	Commencing in Trimester 1	
Credit points 400		
Indicative fee \$9,000.00* per year (more) * 2024 indicative annual CSP fee		

About this program

This double degree gives you two clear career pathways. As a graduate, you may choose to be a qualified commercial pilot with engineering qualifications, knowing that airlines prefer their pilots to have an engineering qualification. Or, you could choose to be an engineer with flight qualifications, recognising that engineering companies building aircraft or aviation systems prefer flight-qualified engineers. To become flight-qualified, you must complete the Graduate Diploma of Flight Management (GDFM).

It's achievable through this unique degree that combines the Electronic Engineering or Mechanical Engineering major in the Bachelor of Engineering (Honours) with the core requirements of the Bachelor of Aviation, which includes the theoretical component of flight training.

Industry and expert connections

In aviation and engineering, building a professional network and proving your competency in the workplace is a crucial first step in your career. At Griffith, our aviation and engineering schools are well-connected with industry, so we can help our students get a foot in the door through work-integrated learning. You'll undertake a full trimester (full-time) engineering placement with a company in the aviation space, working on a live engineering project that will allow you to put your new knowledge into practice working within a high-achieving, multi-disciplinary team. That's in addition to the many opportunities we provide our students each year to participate in field trips to engineering companies, where you can meet experienced professionals and be inspired.

Graduate outcomes

As a graduate, you'll be qualified as an electronics or mechanical engineer and will have completed the full theory component for your commercial pilot's licence. This is an amazing opportunity to pursue a career as a pilot through further training or to become a highly qualified engineer in the aviation industry.

Majors

Engineering

- Electronic Engineering
- Mechanical Engineering

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, depending on its structure.

My attendance during the program

Attendance information

The Bachelor of Engineering (Honours)/Bachelor of Aviation is available full-time on-campus at Nathan. The program includes some Trimester 3 core courses.

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.

My career opportunities

My career opportunities

Key employment sectors*

- Electronic systems
- Software systems
- Electronic engineering
- Aviation

Potential job outcomes

- Electronics engineer
- Commercial pilot (with Graduate Diploma of Flight Management)
- Electronic engineering technician
- Mechanical engineer

*Source: *Australian Government Job Outlook*

Program accreditation

Program accreditation

Accreditation at the level of professional engineer will be sought for the Bachelor of Engineering (Honours)/Bachelor of Aviation.

Pathways to further study

Pathways to further study

The Bachelor of Engineering (Honours)/Bachelor of Aviation provides a pathway to the [Graduate Diploma of Flight Management \(4188\)](#).

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:

- Aviation Uniform: Pilot shirt, epaulettes, shirt/slacks/trousers, tie/belt/shoes

Some courses require extra equipment:

- Navigation equipment and charts:
 1. Flight Navigation Computer (ASA E6-B or Jeppesen CRP-5 preferred).
 2. Scale Navigation Ruler.
 3. Protractor.
 4. Non-programmable digital calculator.
 5. Planning Chart Australia (PCA).
 6. Brisbane/Sydney Visual Navigation Chart (VNC).
 7. Brisbane/Maroochydore/Gold Coast Visual Terminal Chart (VTC).
 8. World Aeronautical Chart - Brisbane (WAC 3340).
 9. Enroute Chart ¾ (ERC 3/4 low).
- Aeronautical Information Publication (AIP) and En-Route Supplement Australia (ERSA) plus

10. Visual Terminal Chart (VTC), Brisbane/Maroochydore/Gold Coast

11. En-Route Chart Low (ERC-L), - covering the Brisbane area

12. Visual Navigation Chart (VNC), Sydney/Brisbane These are also available through the Airservices online store or a local pilot shop. Use of the Avplan App for iPad (NOT iPhone) with appropriate VFR and IFR subscription will also be sufficient.

13. Documents/Maps - AIP, ERSa, CAAP 92.1, CAAP 234, CAR, CASR, CAO.

steel-cap boots required for some Engineering site visits