



## Bachelor of Advanced Science (Honours) (Domestic students)

Program code	Entry requirements	Prerequisites
1330	80.00	NIL
<b>Available at</b> Gold Coast Campus, Nathan Campus	ATAR/RANK 2024 ( <a href="#">more</a> )	<b>Assumed knowledge</b> Any General or Applied English subject (Units 3&4, C)
<b>Duration</b> 4 years full-time 8 years part-time	<b>Commencing in</b> Trimester 1, Trimester 2 and Trimester 3	General Mathematics or Mathematical Methods (Units 3&4, C)
<b>Credit points</b> 320		
<b>Indicative fee</b> \$8,500.00* per year ( <a href="#">more</a> ) * 2024 indicative annual CSP fee		

### About this program

The Bachelor of Advanced Science (Honours) caters for students who have demonstrated outstanding potential in the field of science. This degree follows the Bachelor of Science degree, giving you the opportunity to engage in research early by taking one Advanced Studies course each trimester.

You'll undertake a major research project and be individually guided and mentored by one or more of our outstanding scientific researchers. In your final year, you'll complete an honours project in your chosen specialisation. This is the opportunity to hone your skills and demonstrate your research ability under the eyes of a leading science researcher. If you have a talent and passion for science, this is the degree for you.

#### Industry and expert connections

Working alongside our expert academics, you will hone your practical lab skills through Advanced Studies courses in your second and third years. As part of an Honours program, your final-year major project will complete your comprehensive grounding as a researcher, helping to provide an edge when it comes to securing employment upon completing your studies. Alternatively, honours can provide a direct pathway to PhD studies.

#### Graduate outcomes

This degree is designed to help you gain the necessary skills and experience to find work as a highly regarded researcher or academic in Australia or overseas, across a range of government and non-government sectors.

As well as opening a pathway to PhD studies, this degree may lead to opportunities in fields including biotechnology and pharmaceuticals, oil and mineral exploration, medical research, scientific and technical services, and more.

#### Majors

- Applied Mathematics
- Biochemistry and Molecular Biology
- Chemistry
- Clinical Sciences (Nathan)
- Data Science
- Geography
- Marine Biology (Gold Coast)
- Microbiology (Nathan)
- Physics
- Wildlife Biology
- Archaeology (Nathan only) (from 2021)

#### Honours specialisations

- Applied Mathematics
- Biosciences
- Chemistry
- Geography
- Marine Science (Gold Coast)
- Physics
- Wildlife Biology
- Archaeological Science

### Flexibility

**Take control of your time** - This degree has intakes in Trimester 1, 2 and 3. So, whenever you're ready to study, we're ready to get you started.

Code	Program title	Campus	Intake
1330	<b>Bachelor of Advanced Science (Honours) (this program)</b>	<b>Gold Coast, Nathan</b>	<b>Trimester 1, Trimester 2 and Trimester 3</b>
1342	<b>Bachelor of Advanced Science</b>	Gold Coast, Nathan	Exit point only

### My attendance during the program

#### Attendance information

The Bachelor of Advanced Science (Honours) program is offered full-time on campus at Gold Coast and Nathan.

#### Coursework

All courses will be in person. Students will be required to attend classes in most situations.

Students may be required to attend approximately 2-6 hours of scheduled classes per week per 10 credit points course in fourth year level theory courses.

#### Dissertation

Students also enrol in a dissertation component of the program. In the dissertation component, students are expected to be able to work independently for most of the time. The requirement for on-campus attendance is relatively flexible and unstructured. However, students will be required to meet regularly with their supervisors and on-campus attendance requirements will be discussed between supervisors and students at the start of the dissertation.

#### 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\*

- Biotechnology and Pharmaceuticals
- Education and Training
- Medical Research
- Oil and Mineral Exploration
- Scientific and Technical Services

#### Potential job outcomes

- Biochemist
- Geophysicist

- Marine Biologist
- Mathematician
- Microbiologist
- Molecular Biologist
- Physicist
- Wildlife Biologist

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

## Program accreditation

### Program accreditation

The Bachelor of Advanced Science (Honours) (with the Physics major) is accredited by the [Australian Institute of Physics \(AIP\)](#).

The Bachelor of Advanced Science (Honours) (with the Chemistry major) is accredited by the [Royal Australian Chemical Institute \(RACI\)](#).

## Professional recognition

### Professional recognition

Depending on your major, graduates are eligible to join:

- [Ausbiotech Limited](#)
- [Australian and New Zealand Society for Cell and Development Biology \(ANZSCDB\)](#)
- [Australian Institute of Food Science and Technology \(AIFST\)](#)
- [Australian Institute of Physics \(AIP\)](#)
- [Australian Mathematical Society \(AUTMS\)](#)
- [Australian Society for Biochemistry and Molecular Biology \(ASBMB\)](#)
- [Australian Society for Medical Research \(ASMR\)](#)
- [Australian Society for Microbiology](#)
- [Australian Society of Plant Scientists \(ASPS\)](#)
- [Royal Australian Chemical Institute \(RACI\)](#)

## Pathways to further study

### Pathways to further study

The Bachelor of Advanced Science (Honours) provides a pathway to Doctor of Philosophy (PhD) studies.

## 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:

- expenses associated with laboratory activities including lab coats, eye protection
- expenses associated with field trips and placements