



Bachelor of Science Advanced (Honours) (Domestic students)

Program code	Entry requirements	Prerequisites
1330	82.00	Any General or Applied English subject (Units 3&4, C)
Available at Gold Coast Campus, Nathan Campus	ATAR/RANK 2022 (more)	Assumed knowledge General Mathematics or Mathematical Methods (Units 3&4, C)
Duration 4 years full-time 8 years part-time	Commencing in Trimester 1, Trimester 2 and Trimester 3	
Credit points 320		
Indicative fee \$7,500.00* per year (more) * 2022 indicative annual CSP fee		

About this program

The Bachelor of Science Advanced (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)
- 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

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	Bachelor of Science Advanced (Honours) (this program)	Gold Coast, Nathan	Trimester 1, Trimester 2 and Trimester 3
1342	Bachelor of Science Advanced	Gold Coast, Nathan	Exit point only

My attendance during the program

Attendance information

The Bachelor of Science Advanced (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.

Studying amid COVID-19

The University's Mandatory COVID-19 Vaccination or Testing policy is under review and consultation and will be suspended from 14/4/2022. Please visit [Studying amid COVID-19](#) for more information.

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

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 Science Advanced (Honours) provides a pathway to PhD studies.

What are the fees?

Commonwealth supported students

- The fee is indicative of an annual full-time load (80 credit points) in a program categorized to one of 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](#)
- [Fees and Charges Policy:](#)
 - [Schedule E - Fees for Undergraduate Students \(Non-international\)](#)
- [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