



THE UNIVERSITY OF NOTRE DAME AUSTRALIA

Bachelor of Advanced Biomedical Science (Honours)

Bachelor of Advanced Biomedical Science (Honours)

School of Health Sciences, Sydney Campus

If you are passionate about the field of biomedicine, then this program is for you. Our Bachelor of Advanced Biomedical Science (Honours) provides a gateway to a rewarding career in a range of health-related fields. For those interested to pursue a career as a Medical Doctor, a new Assured Biomedicine Pathway into the Doctor of Medicine program is available for eligible candidates. If this pathway is pursued, entry requirements into the Bachelor of Advanced Biomedical Science (Honours) degree and the requirements for entry into the Doctor of Medicine from this pathway must be met.

Why study this degree?

Biomedical science plays a vital role in advancing medical knowledge, understanding diseases and developing new treatments. By studying biomedical science, you can actively contribute to healthcare and make a positive impact on people's lives.

Biomedical science is a constantly evolving field, with new discoveries and advancements being made regularly. Pursuing a biomedical science degree allows you to stay at the forefront of scientific progress and engage in lifelong learning.

Upon graduation, eligible students can directly transition into Notre Dame's Doctor of Medicine postgraduate degree. This pathway may also enhance opportunities for research, leadership and specialization within the medical field.

Program summary

Advanced Biomedical Science (Honours) is a 4-year undergraduate degree exploring a wide range of scientific disciplines that focus on the human body in the context of health and disease. The degree covers all of the modern scientific principles required in biomedical science practice and exposes the student to contemporary scientific techniques that have been used by biomedical scientists, to develop innovative diagnostic techniques or novel treatments for disease.

The Honours component is undertaken in the fourth year, allowing students to undertake a research project within a field of Biomedical Science/field of Medicine in collaboration with an academic supervisor. These projects

can be undertaken in Notre Dame's school of health sciences or school of medicine, or affiliated research institutes or hospital departments.

Students will graduate with skills in research planning, inductive reasoning, data analysis and written and oral communication, culminating in a written thesis.

core-curriculum

Core Curriculum

- CORE I: Foundations of Wisdom
- CORE II: Elective
 - Electives in philosophy and/or theology
 - Professional embedded electives that integrate studies in a profession with philosophy and/or theology
 - An option to undertake a pilgrimage embedded in the study of the philosophy and theology of pilgrimage, e.g., World Youth Day
 - An option to undertake a course that integrates philosophy & theology with community service and charity work
 - An option to undertake an elective in philosophy, theology, and the liberal arts contained within an international experience

health science freeo

More information regarding courses can be found at the [course descriptions \(https://www.notredame.edu.au/about-us/faculties-and-schools/school-of-health-sciences/fremantle/course-descriptions\)](https://www.notredame.edu.au/about-us/faculties-and-schools/school-of-health-sciences/fremantle/course-descriptions) page.

Full details of the program requirements are contained in the Program Requirements.

2024 Program Requirements

https://www.notredame.edu.au/_data/assets/pdf_file/0028/374/of-Advanced-Biomedical-Science-Honours.pdf

(requirements suspended from 31 December 2024)

2025 Program Requirements

https://www.notredame.edu.au/_data/assets/pdf_file/0033/443/of-Advanced-Biomedical-Science-Honours.pdf

(requirements effective 1 January 2025)

Entry requirements

Academic requirements for this program are outlined below. In addition, to be eligible for admission, all applicants need to satisfy the Minimum University Admission Requirements

<https://www.notredame.edu.au/study/applications-and-admissions/admission-requirements>) outlined. These include those relating to minimum age and English Language Proficiency

<https://www.notredame.edu.au/study/applications-and-admissions/admission-requirements/english-language-requirements>).

Applicants with recent Secondary Education

This program is targeted to school leavers or recent school leavers who have completed secondary studies within one year of application.

- Prescribed ATAR*

OR

- Equivalent International Baccalaureate (IB) score

AND

- Successful completion of UCAT (University Clinical Aptitude Test) which will be ranked by UNDA to determine interview
- Successful Interview

* No Adjustment Factors are available for this Program.

Applicants with Higher Education Study

- Completion of Higher Education subjects are not accepted for entry
- Tertiary Preparation Programs are not accepted for entry

No Advanced Standing is available for this program as it is targeted to school leavers or recent school leavers who have completed secondary studies within one year of application.

Applicants with Vocational Education and Training (VET) study

- VET qualifications are not accepted for entry

Applicants with Work and Life Experience

- Work and Life Experience is not accepted for entry
- STAT is not accepted for entry

How to Apply

Applications for Bachelor of Biomedical Science, as an assured pathway into medicine, will be via UAC for Sydney applicants, and TISC for Fremantle applicants, where you can preference The University of Notre Dame Australia.

Please note: all applicants must be of school leaving age or older to apply.

Entry pathways

Students in this assured pathway must maintain a minimum GPA of 2.5 each semester throughout their undergraduate Advanced Biomedical Science (Honours) degree in order to be eligible to apply for the program in order to be eligible to apply for the Doctor of Medicine (NSW) (<https://www.notredame.edu.au/programs/school-of-medicine/postgraduate/doctor-of-medicine-nsw>) program.

Learning outcomes

Upon successful completion of the Bachelor of Advanced Biomedical Science (Honours) graduates will be able to:

1. Apply thorough scientific knowledge gained through in-depth study of Biomedical Sciences
2. Plan, implement and undertake scientific methodology and experimentation
3. Apply research skills to critically appraise the scientific literature
4. Analyse, evaluate and interpret scientific data and effectively communicate results in written and oral presentations
5. Demonstrate leadership, responsibility and a collaborative approach to teamwork in the Biomedical profession
5. Integrate and apply professional knowledge and interpersonal skills gained through work integrated learning during the completion of an Honours project
7. Apply advanced theoretical knowledge and technical skills to design, frame, conduct and report on an

independent research project

3. Critically evaluate, analyse and deploy evidence in support of a research thesis

Practical component

In the Bachelor of Advanced Biomedical Science (Honours), industry-relevant skills are taught in the Biomedical Science Techniques and Practicum course.

Career opportunities

The following careers are open to graduates of this program:

- Biomedical Scientist
- Research Assistant
- Research Fellow
- Biomedical Sales
- Clinical Scientist
- Medical Doctor pathway

Real-world experience

You will learn from academics who are industry leaders and, through our practicum placements and internship programs, you will gain real professional experience and make valuable contacts with potential employers.

Honours

The Honours component is undertaken in the fourth year, allowing students to undertake a research project within a field of Biomedical Science/field of Medicine in collaboration with an academic supervisor. These projects

can be undertaken in Notre Dame's School of Health Sciences or School of Medicine, or affiliated research institutes or hospital departments.

Study abroad

study-abroad

You will have the opportunity to complete part of your degree at one of our partner institutions through our exchange program. Get in touch with the Study Abroad Office

(<https://www.notredame.edu.au/students/opportunities-and-experiences/study-abroad-and-exchange-programs>) to find out more about studying in Asia, Europe and North America.

Fees and costs

This Program has the following loan scheme(s) available for eligible students:

Commonwealth Supported Place (CSP)

A Commonwealth Supported Place (CSP) is a place at a university where the Australian Government pays part of your fees. This part is a subsidy, not a loan, and you don't have to pay it back. However, this subsidy does not cover the entire cost of your study. Students must pay the rest, which is called the 'student contribution amount'.

In a Commonwealth Supported Place, your fees are subsidised by the Australian Government. Your fees will be split into two portions:

The Commonwealth contribution, which is the portion paid by the Australian Government.

The student contribution, which is the portion you pay. You may choose to pay upfront or defer your student contribution with a HECS-HELP Loan. The HECS-HELP loan scheme (<https://www.studyassist.gov.au/preview-link/node/106/5de65e70-6656-4297-a79d-19fd4a6deadd>) assists eligible students with the payment of all, or part, of their tuition fees, not including additional study costs such as accommodation or textbooks. Your HECS-HELP debt will be indexed each year in line with the Consumer Price Index.

Eligible students will be offered a CSP – you do not need to apply.

International Full-Fee Paying

Tuition costs depend on an international student's study load and discipline. Fees are payable each semester at least four weeks prior to the commencement of your program.

For indicative fees and information on how to pay, including Government loan schemes and our online calculator, visit our Fees, costs and scholarships page (<https://www.notredame.edu.au/study/fees-costs-and-scholarships>).

More information

Considering your uni options?

Talk to one of our career advisors for a personalised advice session (<https://calendly.com/d/dmr-5gg-c2h>). Our advisors provide support while choosing a program of study and completing our application process. **Book my session. (<https://calendly.com/d/dmr-5gg-c2h>)**

For more information, please contact our Prospective Students Office.

Fremantle and Broome

Phone: +61 8 9433 0533

Email: future@nd.edu.au
(<mailto:future@nd.edu.au>)

Sydney and Melbourne

Phone: +61 2 8204 4404

Email: sydney@nd.edu.au
(<mailto:sydney@nd.edu.au>)

All international enquiries should contact the International Students Office on international@nd.edu.au
(<mailto:international@nd.edu.au>).

APPLY DIRECT ↗

Need help? Ask Notre Dame

(08) 9433 0533

Duration: 4 years of equivalent full-time study

Duration type: Full time

Campus: Fremantle; Sydney

Study mode: On campus

Commencement: Semester 1

Program code: 3581

CRICOS code: 113583K

Fee: Commonwealth Supported Place (CSP); International
II Fees

APPLY DIRECT [NOTREDAME.EDU.AU](https://www.notredame.edu.au)