Looks like ... Script disabled! Many aspects of this ... ipt to function correctly.

... ology)

... PPLY

Need ... me

(08) 9433 05...

(https://www.notredame.edu.au/home)

Duration: 3 years full-time or equivalent part-time

Search

Duration type: Full time; Part time

Campus: Fremantle

Study mode: On campus

Commencement: Semester 1; Semester 2

Program code: 3555

CRICOS code: 045168D

Loan Scheme: HECS-HELP; CSP

Practical Component: 225 hours

Bachelor of Science (Major: Biology)

School of Arts & Sciences

Are you interested in the study of life? The University of Notre Dame Australia's Bachelor of Science with a Biology Major is your ideal degree. A Bachelor of Science will provide you with job-ready skills in scientific investigation and research. The biology major covers various subjects – from pollution and ecotoxicology to animal diversity. Get in touch today to find out more about this exciting degree.

Why study this major?

Employers want the skills you will develop in the Bachelor of Science. A strong emphasis on research in both the laboratory and the field ensures you will acquire the fundamental skills of scientific investigation, such as data collection and analysis, critical thinking, problem-solving and effective communication. These skills are needed in the flexible workplace of the 21st century.

Biology spans the breadth of knowledge and understanding that relates to all life and is at the core of many significant scientific developments. For example, the burden of an expanding global population is driving advances in biotechnology to increase food production.

By completing a Major in Biology, you will be able to play a vital role in filling the gaps in society's knowledge about species, ecosystems and environmental threats and contribute to the sustainable management of natural resources in Australia and elsewhere. Our Major in Biology is usually taken over three years of full-time study, with eight of the 24 courses devoted to Biology. Courses include Aquatic Science, Pollution and Ecotoxicology, Animal Diversity and Microbiology.

In addition to these courses, you will also be required to complete a Directed Science Research project which provides the opportunity for you to specialise in a particular area of interest and to develop additional fieldwork and problem-solving skills.

Work Integrated Learning: as part of the Bachelor of Science degree, you will be required to undertake a Science Internship. This is a six-week industry placement in an area of employment related to your studies, which can lead to valuable contacts and employment opportunities.

Major summary

Students must complete 200 units of credit, as follows:

Students complete these EIGHT courses:

- BIOL1250 Molecular and Cell Biology
- BIOL2100 Animal Diversity
- BIOL2260 Plant Diversity
- BIOL3250 Aquatic Science
- BIOL3000 Adaptations for Survival in the Australian Environment
- ENVR2330 Australian Ecology: From Theory to Practice
- HLTH2300 Microbiology
- SCIE3290 Geographic Information Systems

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

---

Full details of the program requirements are contained in the Program Requirements (https://www.notredame.edu.au/__data/assets/pdf_file/0015/332of-Science.pdf).

More information regarding courses can be found at the course descriptions (https://www.notredame.edu.au/about/schools/fremantle/arts-and-sciences/course-descriptions) page.

Please note: The availability of these courses is indicative only and may be subject to change.

Entry requirements

Entry requirements WA

Learning outcomes

Upon successful completion of the Bachelor of Science graduates will be able to:

1. Articulate the methods and philosophy of Science and explain why current scientific knowledge is both contestable and testable

2. Explain the role and relevance of Science in society
3. Apply broad and coherent theoretical and technical knowledge with depth in one or more disciplines
4. Synthesise and critically evaluate information from a range of sources
5. Design scientific investigations, collect, and interpret data and draw conclusions showing creativity in problem solving
6. Conduct investigations using practical and theoretical approaches
7. Communicate results, information, and arguments to audiences for a range of purposes and in a variety of modes
8. Apply current regulatory frameworks and exercise high personal and professional ethical standards
9. Work independently as a reflective, self-directed learner and, where appropriate, in collaboration with others.

Practical component

You will be required to complete SCIE3900 Science Internship that includes an industry placement of at least 225 hours.

Career opportunities

Career opportunities are diverse and depend on the Science Stream you choose. If you choose Biology, you can work in the following fields: health scientist, environmental scientist, non-government advisor, political advocate.

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

An Honours award is available for this program. Further information can be found in the Bachelor of Science (Honours) regulations (https://www.notredame.edu.au/__data/assets/pdf_file/0024/384 of-Arts-Honours.pdf), or by contacting the School of Arts & Sciences (https://www.notredame.edu.au/about-us/faculties-and-schools/school-of-arts-and-sciences).

Study abroad

A global perspective adds a valuable dimension to your university education. At Notre Dame University you can study while experiencing the world. We encourage students to become active global citizens through a range of exchange programs, professional placements, study tours, and volunteer opportunities. Visit International Opportunities (https://www.notredame.edu.au/study/international-students) to find out more.

Fees and costs

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

CSP

A Commonwealth Supported Place (CSP) is a place at university where the 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, 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.

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

HECS-HELP
The HECS-HELP loan scheme 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.

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

Student profile data

Tables 1 and 2 below give an indication of the likely peer cohort for new students in this Program. It provides data on all students who commenced in this Program in the most relevant recent intake period, including those admitted through all offer rounds and international students studying in Australia.

Fremantle Student Profile Data

TABLE 1a – Bachelor of Science BASIS OF ADMISSION IN SEMESTER 1, 2022 INTAKE

Applicant background	Semester 1 2022

	Number of students	Percentage of all students
(A) Higher education study (includes a bridging or enabling course)	9	60%
(B) Vocational education and training (VET) study	<5	N/P
(C) Work and life experience (Admitted on the basis of previous achievement not in the other three categories)	<5	N/P
(D) Recent secondary education: ◦ Admitted solely on the basis of ATAR (regardless of whether this includes the consideration of adjustment factors such as equity or subject bonus points)	<5	N/P
◦ Admitted where both ATAR and additional criteria were considered (e.g. portfolio, audition, interview, extra test, early offer conditional on minimum ATAR)	6	26%
◦ Admitted on the basis of other criteria only and ATAR was ***not*** a factor (e.g. special consideration, audition alone, interview, school marks & recommendation with no minimum ATAR requirement)	<5	N/P
International students	N/A	N/A

All students	***15***	***100.0%***

TABLE 1b – Bachelor of Science ATAR PROFILE DATA FOR APPLICANTS ENTERING ON THE BASIS OF *RECENT SECONDARY EDUCATION* IN SEMESTER 1, 2022 INTAKE

RECENT SECONDARY EDUCATION - ATAR-based offers	**ATAR (Excluding adjustment factors) ***	**Selection Rank (ATAR plus any adjustment factors)** *[only if relevant]
Highest rank to receive an offer	N/A	N/A
Median rank to receive an offer	N/A	N/A
Lowest rank to receive an offer	N/A	N/A

TABLE 2a – Bachelor of Science (Honours) BASIS OF ADMISSION IN SEMESTER 1, 2022 INTAKE

Applicant background	**Semester 1 2022**	
	Number of students	**Percentage of all students**
(A) Higher education study (includes a bridging or enabling course)	<5	N/P
International students	<5	N/P
All students	***N/P***	***100.0%***

Notes:

“<5” – the number of students is less than 5
N/A – Students not accepted in this category
N/P – Not published: the number is hidden to prevent the calculation of numbers in cells with less than 5 students

In 2022, due to COVID, additional adjustment factor points were granted to applicants from NSW, ACT and VIC.

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 call our Prospective Students Office on +61 8 9433 0533 or email future@nd.edu.au (mailto:future@nd.edu.au).

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