Bachelor of Biomedical Science
School of Health Sciences, Fremantle Campus

If you are passionate about the field of biomedicine then this Bachelor's degree ticks all the boxes. Completed in three years of full-time study, this degree provides a gateway to a rewarding career in a range of health-related fields. Over the course of your studies you will gain a strong understanding of advanced scientific investigations that will prepare you for a career as a biochemist, researcher or biomedical scientist.

Why study this degree?
The Bachelor of Biomedical Science consists of a prescribed series of courses designed to develop a range of theoretical and practical skills. The course includes a general introduction to biological science, plus coverage of such topics as anatomy, molecular and cell biology, microbiology, biochemistry, genetics, pathology, human physiology, immunology, neuroscience, and reproductive biology. In addition to the specific scientific knowledge
gained through in-depth study, the degree aims to develop the capacity to understand and apply modern scientific principles to both scientific and non-scientific audiences and to critically analyse information.

The program is delivered using a number of teaching platforms including workshops, seminars and discussions. Furthermore, a six-week (150 hour) industry placement will allow you to apply your new skills in range of professional settings, such as medical laboratories and research facilities.

Program summary
The Bachelor of Biomedical Science consists of 24 courses:

Three Core Curriculum courses

- Introduction to Philosophy
- Introduction to Theology
- Ethics

17 required courses

- Introduction to Biological Sciences
- Human Structure and Function
- Molecular and Cell Biology
- Health Communications
- Introduction to Physical Sciences
- Anatomy and Physiology of Body Systems
- Data Analysis and Experimental Design
- Developmental Psychology
- Microbiology
- Biochemistry
- Physiology of Exercise
- Human Genetics
- Immunology
- Pathology
- Infectious Disease
- Neuroscience
- Reproductive Biology

**Three elective courses**

- Students choose three courses from Health Sciences, Arts & Sciences, Business, and/or Counselling.

**One industry practicum**

- Biomedical Science Practicum (150 hours)

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

Full details of the program requirements are contained in the Program Regulations & Planner [page](https://www.notredame.edu.au/__data/assets/pdf_file/0018/3860/Bachelor-of-Biomedical-Science.pdf).

**Program learning outcomes**

**At the completion of this course, graduates should be able to:**

1. Demonstrate and 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.

6. Integrate and apply professional knowledge and interpersonal skills gained through work integrated learning during professional practicum experiences.

7. Articulate objective and universal truth, appreciate the intrinsic dignity of the human person, and exhibit good intellectual, moral and theological habits.

**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.

**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/international/study-abroad) to find out more about studying in Asia, Europe and North America.

**Entry requirements**
Academic requirements for this program are outlined below. In addition, to be eligible for admission, all applicants need to satisfy minimum requirements outlined at admission requirements (https://www.notredame.edu.au/study/admission-requirements). These include those relating to age and English Language Proficiency (https://www.notredame.edu.au/study/admission-requirements/english-language-proficiency-requirements). We also consider your application more broadly – your non-academic achievements (such as any previous leadership roles, volunteering, work, church and/or community involvement) as well as personal qualities - your aspirations and interests and your capacity to complete your chosen program.

**Applicants with recent Secondary Education:**

- Indicative ATAR of 70 with a score of 50+ in ATAR English, ATAR Literature or ATAR English as an Additional Language or Dialect (EALD)
  OR
- Minimum International Baccalaureate (IB) score of 24

**Applicants with Higher Education Study**

- Other university studies completed at undergraduate level or higher, a minimum of 4 successfully completed subjects;
  OR
- Successful completion of the Notre Dame Tertiary Pathway Program or of another Enabling Program at a level deemed sufficient by the University.
Applicants who have successfully completed subjects at another University, which are relevant to the selected program of study, may be eligible for Advanced Standing (https://www.notredame.edu.au/current-students/your-enrolment/admin-and-fees/fremantle/advanced-standing).

**Applicants with Vocational Education and Training (VET) study**

- Completed AQF Certificate IV or higher in a relevant discipline, from an accredited provider such as TAFE or a Registered Training Organisation (RTO).

**Applicants with Work and Life Experience**

Applicants who left secondary education more than two years previously and who have not undertaken VET or higher education study since then, but with relevant work and life experience. Such experience may include, but is not limited to:

- STAT scores of at least 135 in the Multiple Choice section and 140 in the Written English section are required OR
- Mature-age completion of two Year 12 WACE or HSC exams with a resulting ATAR of 70 or above OR
- Western Australian Certificate of Education (WACE) or equivalent results if these have been completed within the last 5 years.

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

**Fees and costs**
This Program has the following loan scheme(s) available for eligible students:

**FEE-HELP**
The FEE-HELP loan scheme assists eligible fee-paying students with the payment of all, or part, of their tuition fees, not including additional study costs such as accommodation or textbooks. Your FEE-HELP debt will be indexed each year in line with the Consumer Price Index. Please note, from 1 January 2019, students studying an undergraduate program at the University of Notre Dame will no longer be charged the 25% FEE-HELP loan fee.

For further information, or for indicative fees for domestic or international students, please visit our [Fees page](https://www.notredame.edu.au/study/fees).

**HECS-HELP**
HECS-HELP is a loan scheme intended for students enrolled in Commonwealth Supported Places. The scheme will pay your student contribution amounts, but not additional study costs such as accommodation or textbooks. Although there is no interest charged on HECS-HELP loans, your debt will be indexed each year in line with the Consumer Price Index.

For further information, or for indicative fees for domestic or international students, please visit our [Fees Page](https://www.notredame.edu.au/study/fees).

**Honours**
An Honours award is available for this program. Further information can be found in the [Bachelor of Biomedical Science (Honours) regulations](https://www.notredame.edu.au/__data/assets/pdf_file/0025/385).
Career opportunities
The following careers are open to graduates of this program:

- Biochemist
- Biomedical scientist
- Researcher
- Biomedical sales

Student profile data
Table 2 below gives 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.

TABLE 2a - Bachelor of Biomedical Science BASIS OF ADMISSION IN SEMESTER 1, 2019 INTAKE

<table>
<thead>
<tr>
<th>Applicant background</th>
<th>Semester 1 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Number of students</td>
</tr>
<tr>
<td>(A) Higher education study</td>
<td>15</td>
</tr>
<tr>
<td>(includes a bridging or enabling</td>
<td></td>
</tr>
<tr>
<td>(B) Vocational education and training (VET) study</td>
<td>0</td>
</tr>
<tr>
<td>-----------------------------------------------</td>
<td>---</td>
</tr>
<tr>
<td>(C) Work and life experience (Admitted on the basis of previous achievement not in the other three categories)</td>
<td>&lt;5</td>
</tr>
<tr>
<td>(D) Recent secondary education:</td>
<td>N/A</td>
</tr>
<tr>
<td>- Admitted solely on the basis of ATAR (regardless of whether this includes the consideration of adjustment factors such as equity or subject bonus points)</td>
<td>33</td>
</tr>
<tr>
<td>- Admitted where both ATAR and additional criteria were considered (e.g. portfolio, audition, interview, extra test, early offer conditional on minimum ATAR)</td>
<td>NP</td>
</tr>
<tr>
<td>- Admitted on the basis of other criteria only and ATAR was <strong>not</strong> a factor (e.g. special consideration, audition alone, interview, school marks &amp; recommendation with no minimum ATAR)</td>
<td>33</td>
</tr>
<tr>
<td>Requirement</td>
<td>International students</td>
</tr>
<tr>
<td>------------------------------------------------</td>
<td>------------------------</td>
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<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**TABLE 2b - Bachelor of Biomedical Science ATAR PROFILE DATA FOR APPLICANTS ENTERING ON THE BASIS OF RECENT SECONDARY EDUCATION IN SEMESTER 1, 2019 INTAKE**

<table>
<thead>
<tr>
<th>RECENT SECONDARY EDUCATION - ATAR-based offers</th>
<th>ATAR (Excluding adjustment factors) *</th>
<th>Selection Rank (ATAR plus any adjustment factors) * [only if relevant]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Highest rank to receive an offer</td>
<td>97.90</td>
<td>N/A</td>
</tr>
<tr>
<td>Median rank to receive an offer</td>
<td>87.85</td>
<td>N/A</td>
</tr>
<tr>
<td>Lowest rank to receive an offer</td>
<td>65.75</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**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 calculation of numbers in cells with less than 5 students

**More information**

For more information on the Bachelor of Biomedical Science, please call our Prospective Student Officers on +61 8 9433 0533 or email future@nd.edu.au
All international enquiries should contact the International Students Office on international@nd.edu.au (mailto:international@nd.edu.au).

Need help? Ask Notre Dame

(08) 9433 0533

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

**Campus:** Fremantle

**Loan Scheme:** FEE-HELP, HECS-HELP

**Study mode:** Full-time, Part-time

**Code:** Program Code 3041, CRICOS Code 049306M