

# I want to study Science

Opportunity to create a solid foundation for your study in the Earth, Chemical, Computational, Human, Life, Mathematical and Physical Sciences.

“

*“Nothing has such power to broaden the mind as the ability to investigate systematically and truly all that comes under thy observation in life”*

”

- Marcus Aurelius

## Sample study plan

### Foundation Studies Programme



Delivered by  
University of Auckland International  
College (UOAIC)

Duration:

- 6 months
- 8-9 months
- 12 months

The UoA Foundation Studies Programme ensures you not only meet University of Auckland undergraduate course entry requirements but that you are fully prepared for the challenges of degree-level study.

### Bachelor of Science (BSc)



Delivered by University of Auckland  
Duration: 3 years

With so many options to choose from, the Bachelor of Science degree (BSc) is your opportunity to create a solid foundation for your study in the Earth, Chemical, Computational, Human, Life, Mathematical and Physical Sciences.

### Career opportunities



Because science plays a vital role in addressing the key issues that confront us and future generations, studying the Sciences opens up a wide range of career opportunities. Students find employment in business, small industry, government, teaching and health sectors, as well as research and development.

# Employability

Because science plays a vital role in addressing the key issues that confront us and future generations, studying the Sciences opens up a wide range of career opportunities. Graduates find employment in business, small industry, government, teaching and health sectors, as well as research and development.

Medical laboratory scientists are most common in New Zealand – about 23% of all scientists employed here. These are followed by

- environmental research scientists (14%)
- geologists (11%)
- agricultural scientists (10%)
- forest scientists (8%)
- chemists (7%)
- geophysicists (4%) and other types of scientists.

## Pay for each role varies depending on skills and experience

Environmental Scientist	\$58K - \$150K per year
Geologist	\$65K - \$180K per year
Agricultural/Horticultural Scientist	\$65K - \$150K per year
Forestry Scientist	\$55K - \$150K per year
Chemist	\$50K - \$150K per year
Geophysicist	\$65K - \$180K per year
Medical Laboratory Scientist	\$50K - \$105K per year
Marine Biologist	\$55K - \$190K per year

## Find out more at [careers.govt.nz](https://careers.govt.nz)

Source: Environment Canterbury Regional Council, 2021; and University of Waikato, 2021; GNS Science, 2021; AgResearch, 2019; Scion, Landcare Research, University of Canterbury, 2020; Argenta Limited, 2019; APEX and District Health Boards, 'Multi-employer Collective Agreement', 2021; Auckland University, 2022; careers.govt.nz research, 2022; National Institute of Water and Atmospheric Research (NIWA), 2022; and Otago University, 2022.

# 11 of the university's science subjects ranked #1 in New Zealand

UOA's 11 Science subjects are ranked 1st in New Zealand (QS World University Rankings by Subject 2022). The Bachelor of Science (BSc) programme allows you to incorporate different areas of interest and expertise, and its flexible structure means you don't have to make absolute decisions early on.

- Biological Sciences
- Chemistry
- Computer Science and Information Systems
- Earth and Marine Sciences
- Environmental Sciences
- Geography
- Materials Sciences
- Mathematics
- Physics and Astronomy
- Psychology
- Statistics and Operational Research



## No.1 university in New Zealand and 87th worldwide

Times Higher Education and QS World University Rankings 2023



## Highest ranked New Zealand university for graduate employability<sup>1</sup>

International students from more than

120

different countries

12 Subjects ranked within the Top

50

in the world<sup>2</sup>

<sup>1</sup>QS Graduate Employability Rankings, number one in New Zealand and 68th worldwide in 2022  
<sup>2</sup>QS World University Rankings by Subject 2022



## Student testimonial

*"Both healthcare and technology are growing industries in today's world. After completing my degree I'd like to use technology to make a difference in healthcare. At this point in time it needs extra attention and therefore I would love the opportunity to help make people's lives better and easier. I thoroughly appreciate the amount of help that's provided. The guidance and support I receive have encouraged me to strive for high achievement throughout my degree. I received a Certificate of Achievement for getting high grades in Computer Science, which I'm really proud of."*

### Aditi Sherekar, Univesity of Auckland Graduate

Qualification: Bachelor of Science

Majors: Computer Science and Psychology

## Overview

# Bachelor of Science (BSc)

Choose from  
25 subjects to  
personalise your  
degree

## Why study science?

If you have a mind for science and you're keen to keep your options open, then the BSc is the degree for you. With many undergraduate majors in a wide range of subject areas, the BSc will allow you to incorporate different areas of interest and expertise.

25 subjects can be divided into five areas: Biological, Health and Life Sciences; Chemical and Physical Sciences; Geography, Earth and Environmental Sciences; Human, Social and Behavioural Sciences; and Mathematical and Computational Sciences.

As well as strongly emphasising transferable skills to improve your employment opportunities, this programme will expose you to cutting-edge technologies and provide a gateway to independent research.

Throughout your undergraduate degree you'll be taught by knowledgeable scientists, many of whom are major contributors in their field. University of Auckland has state-of-the-art facilities, including **award-winning undergraduate Chemistry laboratory**.

## What you'll learn

### In your first year:

You should enrol in eight courses for up to three subject areas to discover your strengths and interests. You will probably take four courses in Semester One and four courses in Semester Two

### In your second year and beyond:

You will enrol in a range of more advanced courses relating to your main subject, as well as other areas within the Science schedules to add breadth to your knowledge. You must complete two courses from the General Education schedules.

### In your final year:

You will complete a capstone course for your chosen major or specialisation

## The University of Auckland Certificate in Foundation Studies (Level 3)

Programme type	Accelerated	Fast-Track	Standard	Foundation Connect**
Duration	6 months	8-9 months	12 months	6 months
Tuition fees*	\$24,000 NZD	\$32,000 NZD	\$32,000 NZD	\$15,990 NZD
Application fee	\$400 NZD	\$400 NZD	\$400 NZD	\$400 NZD
2023 Start dates (incl. Orientation)	13 February, 31 August	26 April, 2 October	13 February, 10 July	13 February, 26 April, 10 July, 2 October
English language requirements	IELTS 6.0 (no band less than 5.0) Or other accepted equivalents including the UP English Language Test (UPELT)	IELTS 5.5 (no band less than 5.0) Or other accepted equivalents including the UP English Language Test (UPELT)	IELTS 5.0 (no band less than 4.5) Or other accepted equivalents including the UP English Language Test (UPELT)	IELTS 4.5 (no band less than 4.0) Or other accepted equivalents including the UP English Language Test (UPELT)
International entry requirements	IB: Y1: 4 x grade 5 Y2: >20 CIE: 2 B grades and 2 A grades	IB: Y1: 2x grade 4 + 2x grade 5 CIE: 4 B grades	IB: Y1: 4x grade 4 CIE: 2 B grades and 2 C grades	IB: Y1: 2x grade 4 + 2x grade 3 CIE: 2 C grades and 2 D grades

\*The tuition fees quoted above are in \$NZD and are correct at the time of publication (30 November 2022). Visit [internationalcollege.ac.nz](https://internationalcollege.ac.nz)

\*\*Students starting with Foundation Connect will pay the Resource (\$400), Exam (\$350) and Application (\$400) fees once and will not be charged again upon progression to Foundation.



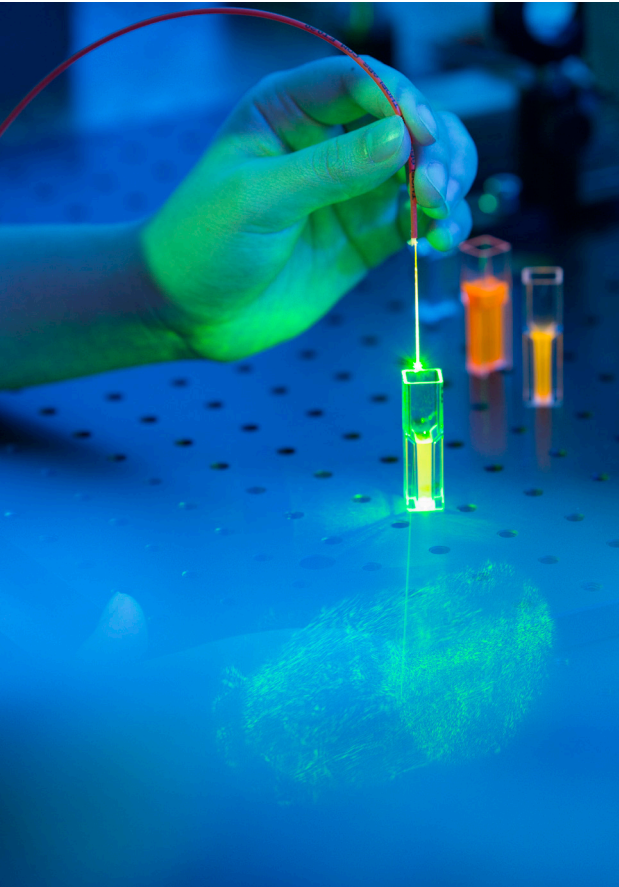
# Degree Progression Requirements

Minimum academic and English language requirements for guaranteed entrance into undergraduate study from the University of Auckland Certificate in Foundation Studies. Effective for students applying for entry to the University of Auckland in 2023-2024.

Programme	Intakes	GPA	Minimum Duration (Years)	Minimum English language proficiency	Additional requirements
Bachelor of Science (BSc) - Biomedical Science	March	5.0	3	65% (B- grade) in English (EAP)^	One science subject*
Bachelor of Science (BSc) - Food Science & Nutrition	March, July	3.5	3	65% (B- grade) in English (EAP)^	One science subject*
Bachelor of Science (BSc) - other majors	March, July	3.0	3	65% (B- grade) in English (EAP)^	One science subject*

^ If 65% (B- grade) in EAP is not achieved an acceptable alternative is 50% in EAP with a valid IELTS overall score of 6.0 and no bands below 5.5.

\* A minimum of one of the following science subjects is required to be passed: Biology, Calculus, Chemistry, Geography, Physics, and Statistics



## Scholarships

### Undergraduate scholarship

Upon successful completion of the Foundation course, the University of Auckland awards the top 2 students of each semester with a Top Achievers Award, which is a \$5000 scholarship on first year tuition fees.

### Foundation scholarship

High Achieve Awards of up to \$5,000 are competitively assessed and only awarded to students who demonstrate exceptional academic performance in their previous studies. Students will need to undergo an interview with our Regional Representative to have their eligibility assessed.

### Foundation Connect scholarship

Student who successfully progress from Foundation Connect programme to Standard Foundation programme will be awarded a scholarship if they achieve top results. The scholarship of up to \$5,000 NZD will be awarded depending on their final grades.

For more information, please visit:  
<https://www.internationalcollege.ac.nz/scholarships/>



Scan to learn more about  
Additional Fees, Academic  
Requirements and Scholarships



International College  
Kāreti ki te Ao

Find out more at:  
[internationalcollege.ac.nz](https://www.internationalcollege.ac.nz)

