

Master of Science (MSc) in Environmental Science

Bachelor of Science with Honours BSc(Hons) in Environmental Science

Key facts about the programme

- 1 Conduct independent and original research
- 2 Includes course work and thesis
- 3 Skills to analyse, collect data and report on our environment
- 4 Prepares graduates to make a difference to our environment



What do the programmes cover?

The Master of Science in Environmental Science and Bachelor of Science with Honours programmes provide an introduction to environmental science and decision-making, and the established scientific principles required for understanding our natural environment. They will enable you to advance your knowledge through independent research.

The programme consists of two parts: coursework and a thesis.

Compulsory courses:

- ENVR411 Case studies in Environmental Science
- ENVR415 Environmental Risk Assessment

Students without an undergraduate degree in Environmental Science will also need to take

- ENVR402 Carbon and Environmental Change

Elective course options include:

- Antarctic Studies
- Biochemistry
- Biological Science
- Chemical engineering
- Chemistry
- Civil and Natural Resource Engineering

- Forestry
- Geography
- Geology
- Health
- Mathematics
- Statistics
- Water Resource Management

The programme has access to UC's unique network of field and research stations — across the South Island and Antarctica, which are ideal for environmental science teaching and research.

What are the entry requirements?

- A relevant degree with a UC equivalent B average
- Executive Dean of Science approval

English	Overall	Lowest Band
IELTS	6.5	6.0
TOEFL	90	19 in reading, writing and listening
Pearson	58	50 communicative skills

AT A GLANCE

Start dates

February and July

Duration to complete

MSc24 months

BSc(Hons)12 months

Features

Research project Yes

Tuition fees*

MSc\$41,000**

BSc(Hons)\$38,000**

Scholarship

For more information on scholarships go to www.canterbury.ac.nz/get-started/scholarships/

*The price (tuition fee) is indicative for 2023.

**Fees for 120 points

What careers can this lead to?

Environmental science graduates are highly employable. Well-educated people with strong technical and communication skills are needed to help identify, monitor and solve a variety of problems associated with the environment and use and allocation of resources and sustainability.

Graduates go on to work in:

- Regional and district councils
- Science organisations
- Government agencies
- Consulting and research firms
- Education

More information

How to apply

Apply online through myUC:
<https://myuc.canterbury.ac.nz>

When to enrol

Applications need to be received 5 weeks before the programme starts.

Who to contact

E: sally.gaw@canterbury.ac.nz

Useful information

Refer to our website for more information on:

- University of Canterbury
- Christchurch as a study destination
- Student visa and insurance

www.canterbury.ac.nz/international



‘I am really enjoying the experience, it is a field of work which is unfamiliar to me (data analysis and computer coding) and I have learned so much from it,’ she says. ‘I have really enjoyed working in a “real” office setting to help get an idea of what a full time job would be like.’

Helena Ruffell

Bachelor of Science in Biochemistry

Master of Science in Environmental Science

Studying towards a PhD in Environmental Science

AT A GLANCE

Why New Zealand?

- 2nd most peaceful country (Global Peace Index, 2021)
- 4th in the world for natural environment (Legatum Prosperity Index, 2021)
- 12th in the world for education (Legatum Prosperity Index, 2021)

Why Christchurch?

- Largest city in South Island
- 2nd largest city in New Zealand
- Easy to get around
- 2nd most affordable city (christchurchnz.com)
- Strong economy and lowest unemployment rate (christchurchnz.com)

Why the University of Canterbury?

- Top 1% Universities in the world
- Top 200 for Geophysics*
- Geography top 150*
- Earth and Marine Science Top 200*
- Residential campus
- Ranked 1st globally for Sustainable Development Goal (SDG) 12 and 50th overall in the Times Higher Education (THE) Impact Rankings

*QS World University Rankings by subject, 2022



Learn from the best

UC is the top university in the country for the proportion of researchers that teach, so you will be taught by scientists who are at the forefront of advances in their field. Learn from internationally recognised experts and more. We collaborate with a range of specialist, internationally recognised organisations working in the environmental science area, including:

- Biomolecular Interaction Centre
- Food, Policy and Wellbeing Research Cluster
- Gateway Antarctica
- Te Kōhaka o Tūhaitara Trust
- Te Taiwhenua o te Hauora | GeoHealth Laboratory
- The Materials Cluster@UC
- Toi Hangarau | Geospatial Research Institute
- Waterways Centre for Freshwater Management
- Wireless Research Centre.