

Master of Water Science and Management (MWSM)

Master of Science in Water Science and Management (MScWSM)

Key facts about the programme

- 1 Graduates can apply from any undergraduate degrees from most disciplines
- 2 World class research facilities and specialists
- 3 The programme combines technical research and management skills
- 4 Delivered in Canterbury, a region facing water management challenges



What do these programmes cover?

These programmes both require six compulsory courses:

- Te Mana o Te Wai
- Catchment Systems
- Hydrological Extremes
- Water Governance
- Freshwater Restoration and Recovery
- Research Methods and Communication.

The remaining two papers can be taken from a variety of disciplines to match the interdisciplinary nature of water science.

Options include

- WATR414 Hydrogeological Engineering, courses from Biological and Environmental Sciences,
- Māori studies, among many others.

These qualifications are offered through the Waterways Centre at the University of Canterbury and are jointly awarded with Lincoln University.

The Centre maintains strong links to many different water organisations and stakeholders in order to improve skills, knowledge and awareness in the water sector. A key purpose of the Centre is to train the next generation of water resource managers.

What are the entry requirements?

- Must have qualified for a university degree which is relevant to Water Science and Management, with a B (5.0) Grade Point Average or above in the final year.
- Executive Dean of Science approval

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

AT A GLANCE

Start dates

February
July (MSc only)

February intake recommended for most students due to course availability

Duration to complete

MWSM12 months
MScWSM.....24 months

Features

Research projectYes

Tuition fees*

MWSM\$41,000**
MScWSM.....\$41,000**

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

Subject to CUAP approval in December, 2022

What careers can this lead to?

Demand for graduates in this field; with associated science, engineering and environment management skills, has never been greater.

Graduates go on to work as water resource managers, researchers, advisors or consultants in:

- Local, regional and central government, runanga and environmental consultancies
- Water-dependent industries such as hydroelectricity, irrigation, dairy and other agriculture
- Interest groups, NGOs and community water initiatives
- Research institutes and universities (usually requiring a PhD)

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

Waterways Centre
T: +64 3 369 5600
E: waterways@canterbury.ac.nz
www.waterways.ac.nz



‘I want to be a leader in environmental management.’

Peter Taylor

Master of Water Resource Management
Environmental Manager
Antarctica New Zealand

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



Learn from the best?

UC is the top university in the country for the proportion of researchers that teach while Lincoln University is the top land-based university in New Zealand. You will be taught by scientists who are at the forefront of advances in their field. Learn from internationally recognised experts in: hydrological processes; restoration and recovery; and water and society. We also collaborate with a range of specialist, internationally recognised organisations working in water science and management.

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 (QS World University Rankings, 2023)
- 38 subjects ranked in the top 300*
- Earth and Marine Sciences – top 200*
- Residential campus
- Residential campus
- 3000+ Employer connections
- 35 Research Centres
- 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