

Master of Disaster Risk and Resilience (MDRR)

College of Science

Key facts about the programme

- 1 Integrates physical and social sciences to address disaster risk and resilience issues
- 2 Addresses global demand for disaster specialists
- 3 Develops skills in disaster risk and resilience
- 4 Delivered in Christchurch, a disaster laboratory
- 5 An internationally award-winning teaching programme



What does this programme cover?

The MDRR programme prepares you for a career in the challenging, exciting and rewarding field of disaster risk management. You will be exposed to cutting-edge science and professional best-practice, and gain knowledge and skills to help communities and organisations become stronger, more resilient and able to recover in the face of adversity.

Programme content includes:

- Community disaster resilience
- Disaster risk assessment
- Planning
- Natural hazards
- Geographic Information Systems
- Disaster communication
- Field trips to diverse, stunning locations
- Disaster role-play simulations
- Industry-based internships

The MDRR is delivered by University of Canterbury's Department of Geological Sciences and Lincoln University's Department of Environmental Management.

The programme is taught by a diverse teaching team of experienced practitioners, active researchers and leading academics. The teaching programme has won awards for its innovative content and delivery modes, including from the International Association of Emergency Managers.

What are the entry requirements?

- A relevant degree with a UC equivalent B+ average
- 15 points of statistics or mathematics
- We encourage applications from students from a broad range of disciplinary backgrounds in sciences, humanities and engineering

AT A GLANCE

Start Dates

February and July

Months to Complete

Full-time 12–18 months

Part-time 24 months

Features

Interdisciplinary focus.....Yes

Fieldwork.....Yes

Price for 2018*

MDRR \$12,158

Scholarship

Scholarships are available for postgraduate students. For more information go to <http://www.canterbury.ac.nz/future-students/fees-and-funding/scholarships-at-uc/>.

*The price (tuition fee) is indicative for 2020.



Graduate Profile

“I want to share my passion and help people understand their world and how we can work around natural hazards. My ultimate career goal is to be a Regional Controller for the Civil Defence Emergency Management team.”

Rebekah Perry

Bachelor of Science in Geology and Geography
Master of Disaster, Risk and Resilience



What careers can this lead to?

The MDRR addresses global demand for professionals with a broad and well-rounded understanding of the causes of disasters, and the natural and human system behaviours that allow disasters to occur.

MDRR graduates go on to work in:

- Consulting
- Disaster risk and resilience practice and policy
- Local and regional government
- Science and Research

Average starting salary

\$55,000 – 75,000 with master’s degree.

Average salary by year 5

\$70,000 – 90,000 with master’s degree.

Enrolment information

How to apply

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

When to enrol

Applications need to be in five weeks before the programme starts.

Who to contact

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www.canterbury.ac.nz/study/qualifications-and-courses/masters-degrees/master-of-disaster-risk-and-resilience

Why UC?

- QS ranked 227th
- QS Top 200 in Earth and Marine Sciences and Environmental Sciences
- Network of field and research stations
- Ernest Rutherford Centre
- Dedicated career support unit



Purpose-built innovation

The brand new Ernest Rutherford building positions UC students and staff at the forefront of contemporary science.

With the most modern university science and research facilities in the southern hemisphere, postgraduates will have access to:

- State-of-the-art labs
- Built-in technologies
- A postgraduate study suite
- Informal social spaces
- Community/industry events

This information was correct at time of printing: July 2019.