

Master of Civil Engineering (MCivilEng) Earthquake Engineering Endorsement

College of Engineering



**THE
WORLD'S
BEST
CHOICE**

Key facts about the programme

- 1 Fully taught masters qualification.
- 2 Develop your knowledge with advanced technical training.
- 3 Learn skills from guest industry speakers.
- 4 Taught by leading earthquake experts from Canterbury University and well known visiting Professors from overseas Universities.



What does this programme cover?

A Master of Civil Engineering (Earthquake Engineering) consists of 8 courses chosen from a wide range of relevant courses including (but not limited to):

- Risk Management
- Introduction to Structural Earthquake Engineering
- Engineering Seismology
- Advanced Geotechnical Earthquake Engineering
- Displacement-based Seismic Design of Low Damage Concrete Structures
- Non-linear Concrete Mechanics and Modelling Techniques of Structures
- Finite Element Analysis
- Advanced Timber Structures
- Seismic Soil-Structure Interaction
- Ground Improvement Techniques
- Advanced Steel and Composite Structures
- Infrastructure Systems – Criticality and Lifelines

All students in the MCivilEng will also take part in a non-academic Indigenous Consultation and Engagement workshop, which will tie in closely with their course materials on engaging biculturalism in engineering.

What are the entry requirements?

- 4 Year BE(Hons) First or Second Class or
- BSc(Hons) in appropriate subjects

English	Overall	Lowest Band
IELTS	6.5	6.0
TOEFL	90	19 writing
Pearson	58	50 communicative skills

Special entry conditions

- Relevance and standard of previous study is the main criteria for approval
- Unless applicants are University of Canterbury graduates and/or have a strong background in earthquake engineering, they will only be admitted in February of each year.

AT A GLANCE

Start Dates

February

Months to Complete

MCivilEng12 Months

Features

Project..... No
Internship option No

Tuition Fees*

MCivilEng\$44,000

Scholarships

For more information on scholarships go to www.canterbury.ac.nz/get-started/scholarships/
*The price (tuition fee) is indicative for 2020.



‘UC have courses in Earthquake Engineering that you just can’t get anywhere else. The Canterbury earthquakes have attracted a lot of overseas professors to Christchurch, so you get that international knowledge.

Timur Sibaev
Masters Graduate

What careers can this lead to?

Graduates of a Master of Civil Engineering endorsed in Earthquake Engineering go on to work in engineering companies, or as consultants with a structural and/or geotechnical focus.

Starting Salary: \$57,000

Average Salary: \$62,000

Enrolment information

How to apply

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

When to enrol

Prior to start of the next academic year.

Who to contact

Contact the Departmental Administrator
postgrad-enquiries@civil.canterbury.ac.nz

For more information visit:

www.canterbury.ac.nz/study/qualifications-and-courses/masters-degrees/master-of-civil-engineering/

Important information

Refer to our website for more information on:

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

www.canterbury.ac.nz/international

AT A GLANCE

Why New Zealand?

- Within Top 7 in the world for Overall Prosperity, Natural Environment, and Social Capital
- Within Top 13 in the world for Education, Personal Freedom, and Safety & Security

Why Christchurch?

- Largest city in the South Island
- Ranked 65th in the world for Best Student Cities
- Lowest unemployment rate in Australasia
- Strong economy

Why the University of Canterbury

- QS Ranked 227
- 26 Subjects ranked in the top 250
- Residential campus
- 3000+ Employer connections
- 35 Research centres

Source: www.prosperity.com/globe/new-zealand

This information was correct at May 2020.