

Study the past to anticipate the future.

Geologists are scientific detectives. They study the geological events that shape our planet, to help forge a better future for society.

Study geology at UC and work on things like:

- remote sensing imagery to analyse volcanoes, earthquakes and landslides
- analysis of Earth processes, our plate boundary, minerals and resources
- evaluating past climate records to inform the view of our future



*“I want to start my own
geotechnical consulting company.”*

*– Kate, geology graduate and Graduate
Geotechnical Engineer at BHP Billiton*

Why geology?

With a geology degree you'll be prepared to take action on critical global challenges such as natural hazards, climate and environmental changes, and our increasing demand for energy.

If you care about our planet, enjoy the outdoors or travelling to far-flung places, and want a fascinating and rewarding career – then geology is a great place to start.

Where can it take me?

Geologists are increasingly in demand to study and evaluate geological hazards and discover natural resources.

As a geologist you could help search for water or mineral deposits; assess risks of volcanic eruptions, earthquakes and landslides; measure environmental effects of resource extraction; advise on the construction of major roads or dams; and more.



Why UC Science?

At UC Science you decide where you're going – our job is to help you get there.

We offer heaps of options and flexibility, state-of-the-art facilities, amazing research opportunities (in the lab and the field), and passionate, world-recognised lecturers. Our campus is friendly, compact and based just on the edge of Christchurch city.

BSc Geology – what you need to know

Entry requirements

University Entrance or equivalent

Level of study

Undergraduate

Useful Year 13 subjects

Chemistry, geography, maths, physics, statistics

Start date

February and July

Length of study

3 years

Degree content includes: Earth surface processes, engineering geology, faults and earthquakes, field geology, geological resources, impacts of geological hazards on society, sediments and fossils, volcanoes and minerals.

Career options: Engineering geologist, environmental planner, exploration geologist, hazard analyst, research scientist, science teacher, volcanologist, water resource manager.

Find out more: www.geol.canterbury.ac.nz

Ask us about fast track to second year for high achievers, extra support to meet entry requirements, catch-up courses for new students and double-degree options.