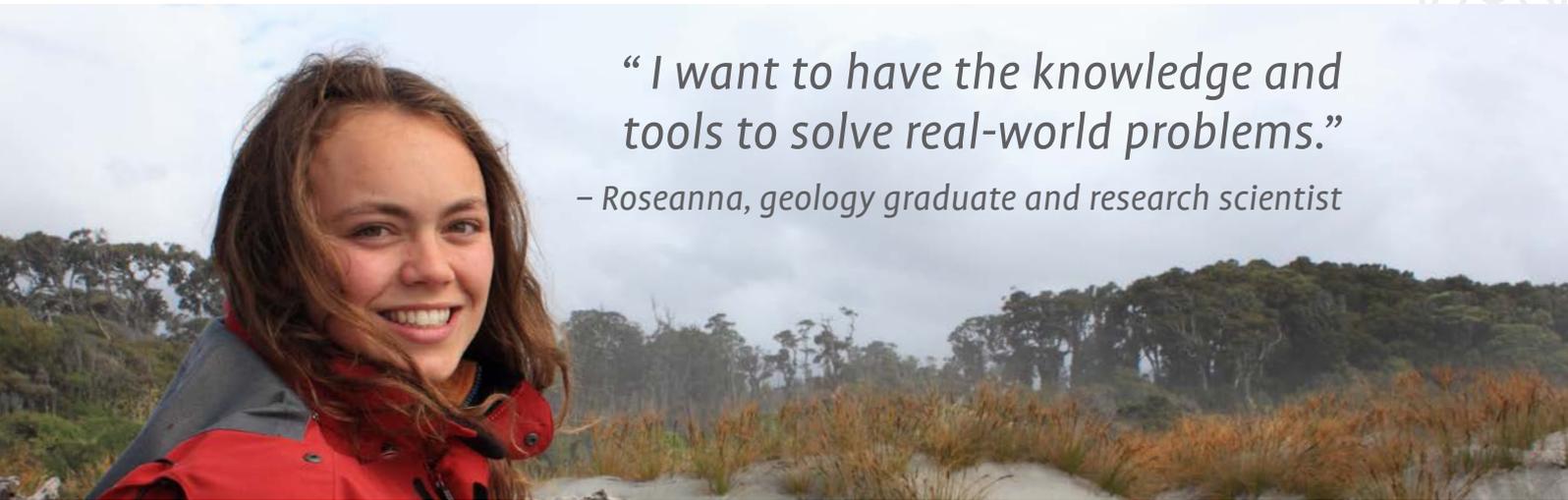


Climate change is one of the biggest issues facing our planet. Scientists all over the world are studying Earth and the atmosphere to understand how things are changing, and what we can do to adapt.

If you're a problem solver, are fascinated by the world around you and want to work on sustainable solutions that could change the world for the better – a career in climate science could be for you.



“I want to have the knowledge and tools to solve real-world problems.”

– Roseanna, geology graduate and research scientist

Why climate science?

Climate change isn't going anywhere. In fact, it is only likely to intensify. As a result, there is growing demand for professionals who can help governments, industries and communities prepare for, respond and adapt to life in an ever-changing world.

Where do I start?

If you're interested in a career in climate science, then a Bachelor of Science (BSc) degree in geology is a great place to start.

As a geology graduate, you'll understand the history of the Earth and its environment, the drivers and processes behind climate change and how to help people adapt to it.

UC has one of the top geoscience departments in the country and we're leading the world in earthquake research. As a UC geology student, you'll get to do science right from your first year – with trips to our many field stations, hands-on research in state-of-the-art labs, exciting courses, and opportunities to work alongside leading scientists on real-world research.



BSc in Geology – what you need to know

A BSc in Geology is a three-year degree that will prepare you for a career in climate science. It can lead straight into work or onto postgraduate study and will give you the knowledge, transferable skills and cultural awareness you'll need to make a difference.

Here are some courses you can study as part of your degree in Geology:

- Science, society and me (SCIE101)
- Planet Earth: An Introduction to Geology (GEOL111)
- Environmental geohazards or the dynamic Earth (GEOL113/115)
- Chemical principles and processes or Foundations of Chemistry (CHEM111/114)
- Statistics (STAT101)
- Introduction to environmental science (ENVR101)
- Global environmental change (GEOG106)
- Antarctica (ANTA101)

Explore more course options at www.canterbury.ac.nz/science/

Transferable skills: Critical thinking, data analysis, field experience including health and safety awareness, interdisciplinary experience and knowledge, practical research skills, report writing and case-study analysis.

Postgraduate study options: Bachelor of Science with Honours, Postgraduate Diploma in Science, Master of Disaster, Risk and Resilience, Professional Master of Engineering Geology, Master of Science, Doctor of Philosophy.

Career options: Engineering geologist, environmental impact officer, environmental scientist, geophysicist, GIS specialist, hydrologist, natural hazards analyst, project manager, resource advisor, secondary school teacher.