

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 give my time to projects that benefit both the land and our society."*

*– Simon, geography graduate and Senior Environmental Scientist at E3 Scientific Ltd*



### Why climate science?

Climate change isn't going away. 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 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 geography is a great place to start. Geography focuses on finding innovative solutions to problems facing the global society, including climate change, poverty, sustainability, health and inequality.

As a 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 Geography – what you need to know

A BSc in Geography is a three-year degree that will prepare you well for a career in climate science or a related field. Our undergraduate geography students gain highly valued skills that make them among the most employable graduates.

Here are some courses you can study in your first year of geography:

- Global Environmental Change (GEOG106)
- Physical Geography: Earth, Ocean, Atmosphere (GEOG109)
- Science, Society and Me (SCIE101)
- The Dynamic Earth System (GEOL115)
- Introduction to Environmental Science (ENVR101)
- Statistics (STAT101)
- Foundations of Chemistry or Chemical Principles and Processes (CHEM114/CHEM111)
- Antarctica: The Cold Continent (ANTA102)

Explore more course options at [www.canterbury.ac.nz/science/](http://www.canterbury.ac.nz/science/)

**Transferable skills:** Analytical skills including cultural, statistical and geospatial analysis; critical thinking; data analysis and collection; practical field and research skills; report writing; synthesis of information and viewpoints.

**Postgraduate study options:** Bachelor of Science with Honours, Postgraduate Diploma in Science, Master of Geographic Information Science, Master of Water Resource Management, Professional Master of Geospatial Science and Technology.

**Career options:** Air quality scientist, community development officer, environmental scientist, geohealth analyst, geospatial analyst, geotechnical engineer, GIS analyst, remote sensing scientist, resource management planner, social researcher, statistical analyst, urban transport planner.