

We do science

University of Canterbury's College of Science, Te Rāngai Pūtaiao, offers world leading teaching and research opportunities in Christchurch, New Zealand.

With world-leading academics, state-of-the-art facilities, and an ecologically and geologically diverse location – it is an ideal place to teach and do science.





Welcome to science at University of Canterbury

The College of Science is one of seven academic departments at University of Canterbury (UC). Within the College are the schools of Biological Sciences, Physical and Chemical Sciences and the departments of Geological Sciences, Geography, Psychology and Communication Disorders.

The College offers two undergraduate degrees—the Bachelor of Sciences and the Bachelor of Speech and Language Pathology—as well as over 20 postgraduate qualifications up to PhD level. We teach over 30 different science subjects – from Antarctic studies and astronomy to physics and psychology.

Quality research and teaching

UC is the most research-intensive university in New Zealand. Our academics are at the forefront of advances in their fields of expertise and making significant contributions to knowledge. As teachers they make learning interesting, engaging and relevant. They have been published in the best international scientific journals and many have received national and international awards for the quality of their teaching. Search our research database www.canterbury.ac.nz/spark/

Set up for science

We've invested \$216 million in new hi-tech science facilities and many world-leading research centres are based here. We've got the most field and research stations of any New Zealand university – including in Antarctica, Nigeria, at the base of the Southern Alps and our own astronomical observatory under the International Dark Sky Reserve in Tekapo.

Some questions we're trying to answer:

- Astronomy: How many and what type of planets are around the stars in our universe?
- Chemistry: Can drug-targeting of organelles in human cells help treat fatal, inherited diseases?
- Antarctic studies: What do Antarctic predators need to survive and are they getting it?
- Psychology: Can micronutrients improve depression and anxiety?



Research centres and institutes

UC Science is home to many world-leading research centres and institutes. They attract high-calibre academics and offer exciting research and work opportunities for our staff and postgraduate students.

- The Biomolecular Interaction Centre
- Gateway Antarctica
- Geospatial Research Institute Toi Hangarau
- Waterways Centre for Freshwater Management
- Rose Centre for Stroke Recovery Research
- Centre for Integrated Research in Biosafety
- Centre of Excellence in Aquaculture and Marine Ecology (CEAME)
- Natural Hazards Research Centre
- GeoHealth Laboratory

See all of our research centres

www.research.canterbury.ac.nz/rescentres.shtml

Field stations

Our extensive network of field and research stations gives staff and students the chance to test out their knowledge and extend their research in a wide range of terrains, ecosystems and even into galaxies.

- Cass Mountain Research Area — Arthur's Pass, central South Island
- Westport Field Station — Southern Alps, West Coast
- Mount John Observatory — International Dark Sky Reserve, Tekapo
- Antarctic Research Station — Scott Base, Antarctica
- Nigeria Field Station — Ngel Nyaki Forest Reserve, Nigeria

Check out our field stations: www.ffc.canterbury.ac.nz



A friendly campus near the city

UC is based in Christchurch, New Zealand's third largest city. It is a peaceful, safe and multi-cultural community with a lot going on – from music gigs, festivals and sports events to cafes, restaurants and an exciting night life.

If you're into the outdoors, you'll love it. Within 2 hours drive from campus you could be:

- Swimming at beaches, rivers or lakes
- Skiing and mountaineering
- Mountain biking
- Hiking
- Rock climbing
- Surfing
- And much, much more!

UC's campus is set on over 87 hectares just on the edge of the city. There is accommodation on site in self-catered apartments or halls of residence, or for those wanting a true kiwi experience homestay living with a local family is also available.

Interested in working with us?

Get in touch with us about work opportunities, research collaborations, university exchanges and more. We look forward to working with you!

Find out more

College of Science

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www.canterbury.ac.nz/science