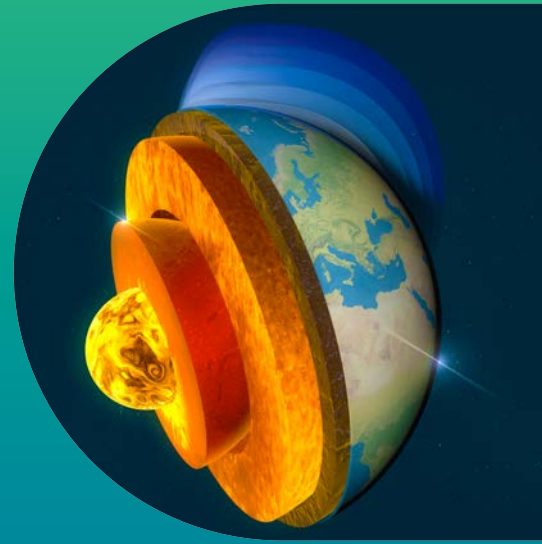


Tohu Paerunga Ahupūngao Taiao Postgraduate Environmental Physics



As a postgraduate Environmental Physics student you'll take a customised mix of advanced courses in Earth Sciences, Mathematics and Physics and focus on applied/solid earth, atmospheric or marine Environmental Physics.

Areas of research open to exploration include climate dynamics and processes, fluid dynamics of the ocean and atmosphere, and subsurface imaging and investigation with a variety of applied environmental physics methods at different scales and settings.

Courses available in this subject include:

- > Environmental Physics Fluid Dynamics
- > Climate Dynamics
- > Turbulent Processes in Climate
- > Waves and Potentials
- > Integrated Basin Exploration
- > Subsurface Characterisation with Environmental Physics Methods

Choosing your supervisor

Supervisors can usually only take a small number of students, so make sure you talk to them sooner rather than later.

Choose an area you feel passionate about. Undertaking research involves successes as well as challenges, so choosing a topic you are genuinely interested in will help you overcome challenges and get through the tough times. Ensure you're compatible with your supervisor. Ask questions, seek advice and share your ideas with academic staff to find out their research interests, and whether you would be a good fit with their current projects.

Scholarships

You can apply for a range of scholarships when you apply for postgraduate study in Science.

auckland.ac.nz/science-scholarships



Career opportunities

Postgraduate study in Environmental Physics prepares you for employment in areas that rely on a physics-based understanding of our environment.

You can expect to find employment researching global processes such as plate tectonics, earthquakes, volcanoes, the oceans, atmosphere and climate.

Environmental Physicists can also become explorers for natural resources, looking for oil, minerals and groundwater, and help to monitor and manage environmental problems including natural hazards or pollution.

Our graduates have been employed in the following jobs:

- › Atmospheric scientist
- › Energy industry (hydrocarbon, geothermal)
- › Geohazard research
- › Groundwater exploration
- › Consultancies including engineering Environmental Physics
- › Mineral exploration
- › Oceanographer
- › Researcher at Public Research Organisations (PROs)

This subject is available in:

- › Bachelor of Science (Honours)
- › Postgraduate Diploma in Science
- › Master of Science

You may also be interested in our programmes in Physics, Mathematics, Geography, Environmental Science and Earth Sciences.



Find out more about how your degree will be structured and what courses you need to take at

auckland.ac.nz/science/pg-environmental-physics

Applications close on 8 December.



"Environmental Physics interested me because I was interested in the environmental impact of human activity and how the geology of the surface of the Earth tells us a story about its past."

Mahima Seth
Bachelor of Science, majoring in
Environmental Physics and Physics.

Kuhua ki tō mātou hāpori, ā, Kimihia tōu Pūtaiao.
Join our community and find your Science.



Disclaimer: The information in this document is a general guide only for students and subject to alteration. All students enrolling at the University of Auckland must consult its official Calendar, to ensure that they are aware of and comply with all regulations, requirements and policies. [2026]

Have any questions?
Contact the Student Hub

auckland.ac.nz/student-hubs