

Tohu Paerunga Mātai Hauropi Postgraduate Ecology



Postgraduate study in Ecology combines a range of advanced courses designed to prepare students to enter a diverse selection of roles within the field.

You will study theoretical and applied ecology, including population and community ecology, global change, biosystematics, ecophysiology, biosecurity, pest management, conservation, ethics, and socio-ecological systems. This is delivered in the form of lectures, seminars, laboratories, fieldwork and research supervision. You will also have opportunities available to connect with industry and government partners and agencies relating to careers in professional ecology.

Courses available in this subject include:

- › BIOSCI 763 Professional Applications of Ecology
- › BIOSCI 766 Global Change Ecology
- › BIOSCI 734 Terrestrial Plant Ecology
- › BIOSCI 735 Advanced Behavioural Ecology
- › ENVSCI 737 Applied Terrestrial Ecology
- › BIOSCI 724 Marine Ecology
- › BIOSCI 725 Ecological Physiology
- › BIOSCI 730 Entomology and Biosecurity
- › BIOSCI 733 Molecular Evolution and Conservation Genomics
- › BIOSCI 747 Biosecurity and Invasion Biology

Choosing your supervisor

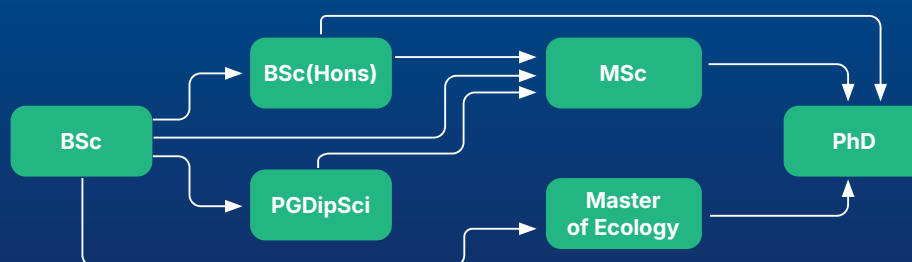
Supervisors can usually only take a small number of students, so make sure you talk to them sooner rather than later.

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 Ecology prepares you for employment in roles such as:

- › Biodiversity advisor
- › Biosecurity officer
- › Botanist
- › Ecologist
- › Environmental consultant
- › Environmental policy analyst
- › Forest scientist
- › Higher education lecturer
- › Marine biologist
- › Museum collections technician
- › Nature conservation officer
- › Pest management specialist
- › Ranger
- › Research assistant
- › Restoration ecologist
- › Science communicator
- › Secondary school teacher
- › Wildlife biologist/Zoologist

You may be interested in our programmes in:

- › Master of Ecology
- › Master of Science (Biosecurity and Conservation)
- › Master of Science (Biological Sciences, Environmental Science)
- › Master of Environmental Management
- › Master of Environmental Science
- › Master of Marine Conservation



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

auckland.ac.nz/science/pg-ecology

Applications close on 8 December.



"I think ecology is a great area to get into. I recommend it to anyone interested in biology or statistics who wants to learn more about our natural environments and find ways to help them. My biggest advice, especially to those considering a PhD, is to work with others in our research group and maintain connections. This collaboration can help you make life-long friendships and learn new skills beyond your project."

Toby Elliott
PhD in Biological Sciences, focusing on Ecology.

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