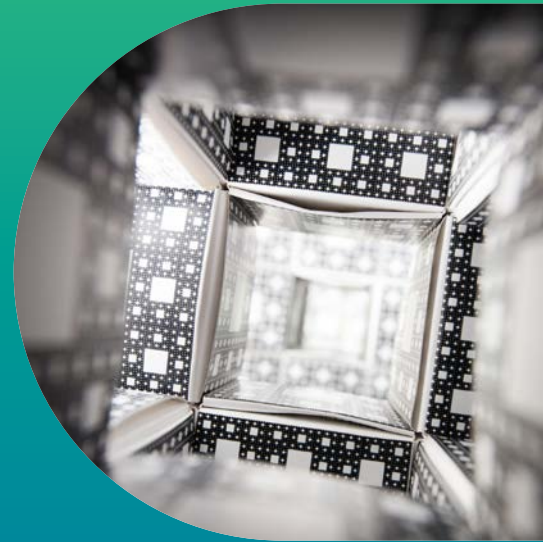


Tohu Paerunga Hangarau Koiora Postgraduate Biotechnology



Postgraduate study in Biotechnology provides the necessary academic background for entry into the exciting and emerging biotechnology industry.

Alongside the development of advanced practical knowledge of biotechnology and molecular genetic technologies that are the foundation of modern biotechnology, you will learn about the commercial exploitation of living organisms or their components (such as proteins), and develop your ability to communicate and translate scientific research.

Courses available in this subject include:

- > Applied Microbiology and Biotechnology
- > Entomology and Biosecurity
- > Genomics and Gene Expression
- > Law and Intellectual Property
- > Molecular Cell Biology and Biomedicine
- > Plant Genomics and Biotechnology

Choosing your supervisor

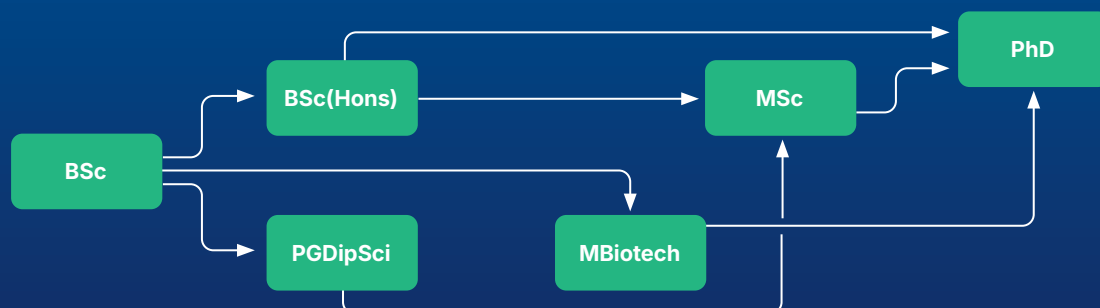
Supervisors can usually only take a small number of students, so make sure you talk to them sooner rather than later.

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

Biotechnology is at the forefront of the knowledge economy and the commercialisation of cutting-edge science.

This field of science has broadened its scope and is poised to make significant impacts on our health and nutrition, and how we interact with our environment.

Our graduates are highly sought after by employers in industry and government agencies. They are likely to begin their careers as technical and research assistants within fundamental and applied research programmes in biotechnology companies, Public Research Organisations (PROs), pharmaceutical companies, and universities and diagnostic facilities in medicine and agriculture.

Our graduates have been employed in the following jobs:

- › Research scientist, Plant and Food Research
- › Associate director, Audentes
- › Fermentation scientist, AB Mauri Technology and Development
- › Senior research and development associate, Inqpharm Group
- › Commercial manager, Epigen Global Research Consortium
- › Senior technician, Biodiscovery New Zealand Ltd
- › General manager for group optimisation, Fonterra Cooperative Group Ltd

This subject is available in:

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

You may also be interested in our programmes in Biological Sciences, Bioinformatics, Chemistry and Medicinal Chemistry.



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

science.auckland.ac.nz/pg-bio-tech

Applications close on 8 December.



"If you have a strong interest in science but would also like a bit of exposure into the business and commercial side of science, then this would be a great programme for you. My passion has always been to work in the biotechnology industry, so naturally this programme was perfect for me."

Lon Hua
Master of Biotechnology.

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