

Tohu Paerunga Mātai Matū Postgraduate Chemistry



Postgraduate study in Chemistry covers research from across a wide range of chemical sciences. You might find yourself in a research group designing enzyme inhibitors for diseases such as cancer, preparing new catalysts to help harness solar energy, developing a greater understanding and control of wine aromas, or designing new analytical instrumentation using laser micromachining.

Postgraduate study in Chemistry can be divided into two general areas – traditional chemistry, such as analytical, educational, environmental, inorganic, materials, medicinal, organic and physical chemistry, or additional disciplines such as forensics, food, wine, polymers and coatings, or green chemistry.

Courses available in this subject include:

- › Advanced Green Chemistry
- › Advanced Inorganic Chemistry
- › Advanced Medicinal Chemistry
- › Advanced Physical Chemistry
- › Biomolecular Chemistry
- › Current Topics in Analytical Chemistry
- › Research Methods in Chemistry

Choosing your supervisor

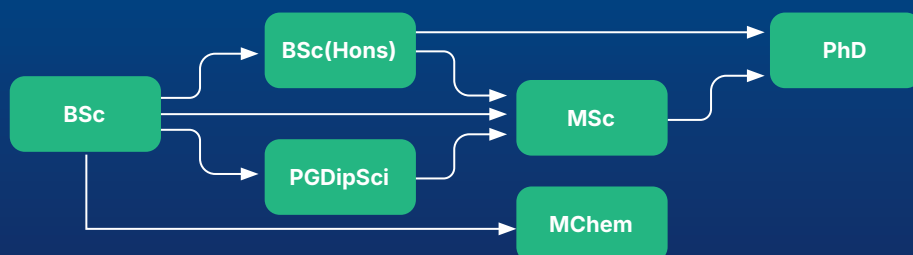
Supervisors can usually only take a small number of students, so make sure you talk to them sooner rather than later.

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

Future opportunities for Chemistry graduates are many and varied.

Postgraduate qualifications in Chemistry introduce you to world-class chemical research and prepare you for chemistry-related careers.

Chemists are found in roles involving agricultural products, brewing and wine making, ceramics, food science, metals, paper, paint and plastics, pharmaceutical, polymers and coatings.

Employers include private companies, Public Research Organisations (PROs), medical and diagnostic or government laboratories, and police forensic units.

Our graduates have been employed in the following jobs:

- › Analytical chemist, Pfizer Pharmaceuticals Group
- › Vice-president, Biosphere Technologies Inc
- › Chemist, Teck Cominco
- › Scientific advisor, Protagonist Therapeutics
- › Postdoctoral research associate, Oak Ridge National Laboratory
- › Technical director, Kemira Chemicals Inc
- › Research and development scientist, Agilent Technologies Australia
- › Senior research scientist, Queensland Alumina Ltd

This subject is available in:

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

You may also be interested in our programmes in Biological Sciences, Food Science, Forensic Science, Medicinal Chemistry and Wine Science.



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

auckland.ac.nz/science/pg-chemistry

Applications close on 8 December.



"Research is much like a puzzle, requiring problem solving and creativity to solve, and ultimately it is rewarding..."

Hugh Douglas Glossop
PhD in Chemistry.

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