Going to the next level

Moving from undergraduate study to postgraduate study is a significant step. It affords an opportunity to challenge your mind and extend your scientific learning to the boundaries of human knowledge.

Postgraduate study develops important skills such as leadership and critical thinking as well as an understanding of research and its impact. It sets you up for more interesting and challenging careers.

As a postgraduate student in the Faculty of Science, you will experience the opportunities that a world-class university can offer:

- Work with researchers in the nation’s leading and largest science faculty.*
- Study with close to 2000 New Zealand and international postgraduate science students.
- Access high-quality laboratory and field-research facilities, including our new $200 million Science Centre building.
- Connect to the University’s unsurpassed networks with premier international universities and organisations.
- Apply for the University’s scholarship funding (each year we offer scholarships, awards and prizes to a total value of around $40 million).
- Take advantage of the vast employment and industry collaboration prospects offered by living and studying in Auckland, New Zealand’s commercial capital.
- Complement your research training with a range of innovation and entrepreneurship career development programmes.

For the latest information about the many outstanding research-based and tuition-based postgraduate qualifications offered by the faculty, I invite you to explore this prospectus and the web pages of our departments and research groups.

I look forward to welcoming you to New Zealand’s foremost Faculty of Science.

PROFESSOR JOHN HOSKING
Dean, Faculty of Science
University of Auckland

*See www.science.auckland.ac.nz/excellence.
"I have a passion for understanding how health conditions such as cardiovascular disease affect an individual’s exercise response and how exercise can be used to improve health related outcomes and quality of life."

"Completion of my master’s degree in Clinical Exercise Physiology enabled me to both pursue my passion in research and gain supervised practical hours working towards becoming a clinical exercise physiologist.

“I thoroughly enjoyed the hands-on clinical experience I gained while studying for my Masters. Learning first hand on the job and dealing with ‘real’ clients was a great experience and greatly rewarding. The support from both the academic staff and clinicians from the Faculty of Science creates a great learning environment.

 Completion of my masters has meant that not only can I now practice as a clinical exercise physiologist, I am also actively pursuing my passion in providing individualised exercise prescription, monitoring and supervision for individuals with various chronic disease conditions.

“The academic staff within the Exercise Sciences department have provided me with guidance – it is a fantastic and supportive learning environment.”

Ellie Rickman has completed a Master of Science in Clinical Exercise Physiology."
Our postgraduate programmes

**Postgraduate pathways**

- **GradDipSci (1 year)**
- **Postgraduate diploma (1 year)**
- **Masters (1 or 2 years)**
- **PhD (3 years minimum)**

**Advanced taught programmes**

<table>
<thead>
<tr>
<th>Programme</th>
<th>Website</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Science (Honours) (BSc(Hons))</td>
<td><a href="http://www.science.auckland.ac.nz/bsc-hons">www.science.auckland.ac.nz/bsc-hons</a></td>
</tr>
<tr>
<td>Postgraduate Certificate in Information Technology (PGCertInfoTech)</td>
<td><a href="http://www.science.auckland.ac.nz/pg-cert-info-tech">www.science.auckland.ac.nz/pg-cert-info-tech</a></td>
</tr>
<tr>
<td>Postgraduate Diploma in Applied Psychology (PGDipAppPsych)</td>
<td><a href="http://www.science.auckland.ac.nz/pgdip-app-psych">www.science.auckland.ac.nz/pgdip-app-psych</a></td>
</tr>
<tr>
<td>Postgraduate Diploma in Bioscience Enterprise (PGDipBioEnt)*</td>
<td><a href="http://www.science.auckland.ac.nz/pgdip-bio-ent">www.science.auckland.ac.nz/pgdip-bio-ent</a></td>
</tr>
<tr>
<td>Postgraduate Diploma in Forensic Science (PGDipForensic)</td>
<td><a href="http://www.science.auckland.ac.nz/pgdip-forensic">www.science.auckland.ac.nz/pgdip-forensic</a></td>
</tr>
<tr>
<td>Postgraduate Diploma in Operations Research (PGDipOR)*</td>
<td><a href="http://www.science.auckland.ac.nz/pgdip-or">www.science.auckland.ac.nz/pgdip-or</a></td>
</tr>
<tr>
<td>Postgraduate Diploma in Science (PGDipSci)</td>
<td><a href="http://www.science.auckland.ac.nz/pgdip-sci">www.science.auckland.ac.nz/pgdip-sci</a></td>
</tr>
<tr>
<td>Master of Information Technology (MInfoTech)</td>
<td><a href="http://www.science.auckland.ac.nz/info-tech">www.science.auckland.ac.nz/info-tech</a></td>
</tr>
<tr>
<td>Master of Professional Studies in Data Science (MProfStuds in Data Science)</td>
<td><a href="http://www.science.auckland.ac.nz/data-science">www.science.auckland.ac.nz/data-science</a></td>
</tr>
<tr>
<td>Master of Professional Studies in Food Safety (MProfStuds in Food Safety)</td>
<td><a href="http://www.science.auckland.ac.nz/food-safety">www.science.auckland.ac.nz/food-safety</a></td>
</tr>
<tr>
<td>Master of Science (MSc)</td>
<td><a href="http://www.science.auckland.ac.nz/msc">www.science.auckland.ac.nz/msc</a></td>
</tr>
<tr>
<td>Master of Speech Language Therapy Practice (MSLTPrac)</td>
<td><a href="http://www.science.auckland.ac.nz/mslt-prac">www.science.auckland.ac.nz/mslt-prac</a></td>
</tr>
</tbody>
</table>

**Research programmes**

<table>
<thead>
<tr>
<th>Programme</th>
<th>Website</th>
</tr>
</thead>
<tbody>
<tr>
<td>Master of Bioscience Enterprise (MBioEnt)*</td>
<td><a href="http://www.science.auckland.ac.nz/m-bio-ent">www.science.auckland.ac.nz/m-bio-ent</a></td>
</tr>
<tr>
<td>Master of Disaster Management (MDisMgt)*</td>
<td><a href="http://www.engineering.auckland.ac.nz/mdismgt">www.engineering.auckland.ac.nz/mdismgt</a></td>
</tr>
<tr>
<td>Master of Operations Research (MOR)*</td>
<td><a href="http://www.engineering.auckland.ac.nz/master-of-operations-research">www.engineering.auckland.ac.nz/master-of-operations-research</a></td>
</tr>
<tr>
<td>Master of Professional Studies in Mathematics Education* (MProfStuds in Mathematics Education)</td>
<td><a href="http://www.science.auckland.ac.nz/math-education">www.science.auckland.ac.nz/math-education</a></td>
</tr>
<tr>
<td>Master of Science (MSc)</td>
<td><a href="http://www.science.auckland.ac.nz/msc">www.science.auckland.ac.nz/msc</a></td>
</tr>
<tr>
<td>Doctor of Clinical Psychology (DClinPsy)</td>
<td><a href="http://www.science.auckland.ac.nz/d-clin-psy">www.science.auckland.ac.nz/d-clin-psy</a></td>
</tr>
<tr>
<td>Doctor of Philosophy (PhD)</td>
<td><a href="http://www.science.auckland.ac.nz/phd">www.science.auckland.ac.nz/phd</a></td>
</tr>
</tbody>
</table>

*Interfaculty programmes.*
New postgraduate opportunities in Science

In addition to well-established subjects and postgraduate qualifications, the Faculty of Science offers a range of new postgraduate study options.

Information Technology
In a collaboration between the University of Auckland and the University of Waikato, the Auckland ICT Graduate School has developed the Postgraduate Certificate of Information Technology and the Master of Information Technology to meet a demand for ICT professionals who possess the right mix of technological skills and business awareness.

- Postgraduate Certificate in Information Technology: Designed for students with a non ICT-related bachelor's degree, the PGCertInfoTech will teach you the specialist skills you need to ignite your career in ICT.
- Master of Information Technology: A depth of business enterprise and project-based learning sets the MInfotech apart from other qualifications. During the programme, one semester is devoted to an internship where you will work on a real-world project.

www.science.auckland.ac.nz/info-tech

Clinical Exercise Physiology
The Master of Science in Clinical Exercise Physiology is a one-year programme that consists of coursework, practical training and includes a dissertation.

The Department of Exercise Sciences has international accreditation from the US Commission on Accreditation of Allied Health Education Programs (CAAAHEP), which means our graduates are eligible to take the American College of Sports Medicine’s Registered Clinical Exercise Physiologist examination. The University of Auckland is the only university outside North America to have achieved this accreditation for a clinical exercise programme. Clinical Exercise Physiology is available as a specialisation for a Postgraduate Diploma in Science and a Master of Science.

www.science.auckland.ac.nz/cep

Photonics
Photonics is the science and technology of light. As many industries are finding that the equipment they service or develop contains optical or photonic components, as well as traditional electronics, there is a growing demand in all developed nations for personnel with an understanding of this technology.

www.science.auckland.ac.nz/photronics

Wine Science
The programme uses the experiences of winemaking in New Zealand to highlight the multiple dimensions and applications of wine science. A central theme is that wine science is more than simply winemaking. Courses examine the science of grape production and vinemaking, and analytical techniques in winemaking.

Students have the opportunity to learn about the organisation and operation of wine businesses and the industry as a whole, and are encouraged to live at the University’s vineyard on Waiheke Island for the academic year. Wine Science is available as a speciality for a Postgraduate Diploma in Science or a Master of Science. PhD research can also be undertaken in the Wine Science area.

www.science.auckland.ac.nz/wine-science

Master of Professional Studies in Data Science
The Master of Professional Studies in Data Science (MProfStuds) is a coursework-based degree. Studying courses in computer science, statistics and information systems, students will learn about artificial intelligence, machine learning, data management and mining, statistical computing and modelling. Alongside these core skills, knowledge gained in entrepreneurship and business enables graduates to meet global demand for industry professionals who can turn data into insight.

www.science.auckland.ac.nz/data-science

Master of Professional Studies in Food Safety
This masters programme provides skills and training that are in demand in the international food and food production industries. It has been designed for those keen to earn a degree while maintaining their professional careers. Courses are delivered online, offering flexible hours and remote learning. This specialisation is offered jointly by the Faculty of Science and the Faculty of Medical and Health Sciences. International applicants are subject to individual approval.

www.science.auckland.ac.nz/food-safety

Master of Professional Studies in Mathematics Education
This qualification is designed for mathematics teachers to develop critical approaches to their teaching and learning by bringing together professional experience with research and mathematical knowledge. This programme is offered jointly by the Faculty of Science and the Faculty of Education and Social Work.

www.science.auckland.ac.nz/math-education
Research in the faculty

As New Zealand’s leading science faculty,* we are committed to building on our high international standing in research. Whether you’re ready for a PhD or are considering honours or masters, we look forward to supporting you in your studies.

Research funding
Science plays a vital role in addressing the key issues that confront us and future generations. For this reason, research in the faculty is regularly successful in funding rounds for a broad range of projects, from the timing of volcanic eruptions to computer software protection.

Each year, the Faculty of Science receives research grants of approximately $50 million from government and non-government institutions.

Research projects
The Faculty of Science is New Zealand’s leading and largest science faculty. The breadth of scientific research is diverse and a variety of high-quality postgraduate research options are available.

www.science.auckland.ac.nz/pg-research

Leading researchers
As a postgraduate student in the Faculty of Science, you have the opportunity to collaborate with passionate academic staff who are working at the cutting-edge of international research.

Our faculty benefits from strong collaborations within the academic community worldwide. Our relationship with commercial industry is an important aspect of scientific research and innovation, and we are proud of our significant links to the Crown Research Institutes of New Zealand.

www.science.auckland.ac.nz/excellence

Research programmes
The high-quality research programmes we offer contribute to both single and interdisciplinary science and technological innovation.

Our many research strengths include: astrophysics, ecology, exercise to improve the health of high-risk clinical populations, molecular drug discovery, neuropsychology and advancement in digital security.

Nanotechnology
The Faculty of Science is committed to supporting leading-edge nanotechnology initiatives in biophotonics and laser physics.

www.science.auckland.ac.nz/dan-walls-centre
www.photonfactory.auckland.ac.nz

Food and Health Programme
The Food and Health Programme is an interdisciplinary research and teaching programme drawing on specialist expertise in food science, process engineering, nutrition, health, social sciences, business and commercialisation from across the University.

www.foodandhealth.auckland.ac.nz

Environmental Science
Our interdisciplinary teams work to create a legacy of solutions-focused research and applications for climate change, energy, water and urban issues.

www.env.auckland.ac.nz

The home of “R”
The Department of Statistics is the home of “R”, an open source statistical computing package utilised worldwide by both universities and businesses. The code was first released as a free software package in 1996 and is now used by global companies such as Google and Pfizer.

www.stat.auckland.ac.nz

Centres of Research Excellence
The faculty is host to two of the ten national Centres of Research Excellence (CoREs): the Maurice Wilkins Centre and Te Pūnaha Matatini.

Maurice Wilkins Centre
The Maurice Wilkins Centre for Molecular Biodiscovery is a multidisciplinary network that brings together leading biologists, chemists and computer scientists from around the country to target major human diseases such as cancer, diabetes and infectious disease. The centre aims to harness outstanding local expertise to develop cutting-edge drugs and vaccines, tools for early diagnosis and prevention, and new models of disease.

The centre is led by ten of the country’s most celebrated scientists and brings together more than 170 investigators from six universities throughout the country. Early career researchers, including postgraduate students, are supported by a network of 170 affiliate investigators.

www.mauricewilkinscentre.org

Te Pūnaha Matatini
Te Pūnaha Matatini – “the meeting place of many faces” – brings together experts from across New Zealand to develop methods and tools for transforming complex data about the environment, economy, and society into knowledge, tools, and insight for making better decisions.

The centre consists of nearly 50 investigators from around the country. An additional network of early career researchers (Te Pūnaha Matatini Whānau) provides events and activities for postgraduate students interested in complex systems and networks.

www.tepunahamatatini.ac.nz

*www.science.auckland.ac.nz/excellence
### Areas of study

<table>
<thead>
<tr>
<th>Areas of study</th>
<th>Honours</th>
<th>PGDip</th>
<th>Masters</th>
<th>PhD</th>
<th>Web address</th>
<th>Contact information</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Earth Sciences</strong></td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td><a href="http://www.science.auckland.ac.nz/earth-sciences-pg">www.science.auckland.ac.nz/earth-sciences-pg</a></td>
<td><a href="mailto:env-graduate@auckland.ac.nz">env-graduate@auckland.ac.nz</a></td>
</tr>
<tr>
<td>Earth Sciences</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td><a href="http://www.science.auckland.ac.nz/earth-sciences-pg">www.science.auckland.ac.nz/earth-sciences-pg</a></td>
<td><a href="mailto:env-graduate@auckland.ac.nz">env-graduate@auckland.ac.nz</a></td>
</tr>
<tr>
<td>Environmental Management</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td><a href="http://www.science.auckland.ac.nz/environmental-management">www.science.auckland.ac.nz/environmental-management</a></td>
<td><a href="mailto:env-graduate@auckland.ac.nz">env-graduate@auckland.ac.nz</a></td>
</tr>
<tr>
<td>Environmental Science</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td><a href="http://www.science.auckland.ac.nz/environmental-science-pg">www.science.auckland.ac.nz/environmental-science-pg</a></td>
<td><a href="mailto:env-graduate@auckland.ac.nz">env-graduate@auckland.ac.nz</a></td>
</tr>
<tr>
<td>Geography</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td><a href="http://www.science.auckland.ac.nz/geography-pg">www.science.auckland.ac.nz/geography-pg</a></td>
<td><a href="mailto:env-graduate@auckland.ac.nz">env-graduate@auckland.ac.nz</a></td>
</tr>
<tr>
<td>Geophysics</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td><a href="http://www.science.auckland.ac.nz/geophysics-pg">www.science.auckland.ac.nz/geophysics-pg</a></td>
<td><a href="mailto:env-graduate@auckland.ac.nz">env-graduate@auckland.ac.nz</a></td>
</tr>
<tr>
<td><strong>Human Sciences</strong></td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td><a href="http://www.science.auckland.ac.nz/clinical-exercise-physiology">www.science.auckland.ac.nz/clinical-exercise-physiology</a></td>
<td><a href="mailto:pgadvice-es@auckland.ac.nz">pgadvice-es@auckland.ac.nz</a></td>
</tr>
<tr>
<td>Clinical Exercise Physiology</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td><a href="http://www.science.auckland.ac.nz/clinical-exercise-physiology">www.science.auckland.ac.nz/clinical-exercise-physiology</a></td>
<td><a href="mailto:pgadvice-es@auckland.ac.nz">pgadvice-es@auckland.ac.nz</a></td>
</tr>
<tr>
<td>Environmental Management</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td><a href="http://www.science.auckland.ac.nz/environmental-management">www.science.auckland.ac.nz/environmental-management</a></td>
<td><a href="mailto:env-graduate@auckland.ac.nz">env-graduate@auckland.ac.nz</a></td>
</tr>
<tr>
<td>Exercise Sciences</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td><a href="http://www.science.auckland.ac.nz/exercise-sciences-pg">www.science.auckland.ac.nz/exercise-sciences-pg</a></td>
<td><a href="mailto:pgadvice-es@auckland.ac.nz">pgadvice-es@auckland.ac.nz</a></td>
</tr>
<tr>
<td>Geography</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td><a href="http://www.science.auckland.ac.nz/geography-pg">www.science.auckland.ac.nz/geography-pg</a></td>
<td><a href="mailto:env-graduate@auckland.ac.nz">env-graduate@auckland.ac.nz</a></td>
</tr>
<tr>
<td>Psychology</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td><a href="http://www.science.auckland.ac.nz/psychology-pg">www.science.auckland.ac.nz/psychology-pg</a></td>
<td><a href="mailto:psych@auckland.ac.nz">psych@auckland.ac.nz</a></td>
</tr>
<tr>
<td>Speech Language Therapy</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td><a href="http://www.science.auckland.ac.nz/speech-language-therapy">www.science.auckland.ac.nz/speech-language-therapy</a></td>
<td><a href="mailto:psych@auckland.ac.nz">psych@auckland.ac.nz</a></td>
</tr>
<tr>
<td>Speech Science</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td><a href="http://www.science.auckland.ac.nz/speech-science">www.science.auckland.ac.nz/speech-science</a></td>
<td><a href="mailto:psych@auckland.ac.nz">psych@auckland.ac.nz</a></td>
</tr>
<tr>
<td><strong>Life Sciences</strong></td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td><a href="http://www.science.auckland.ac.nz/bioinformatics-pg">www.science.auckland.ac.nz/bioinformatics-pg</a></td>
<td><a href="mailto:sbsinfo@auckland.ac.nz">sbsinfo@auckland.ac.nz</a></td>
</tr>
<tr>
<td>Bioinformatics</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td><a href="http://www.science.auckland.ac.nz/bioinformatics-pg">www.science.auckland.ac.nz/bioinformatics-pg</a></td>
<td><a href="mailto:sbsinfo@auckland.ac.nz">sbsinfo@auckland.ac.nz</a></td>
</tr>
<tr>
<td>Biological Sciences</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td><a href="http://www.science.auckland.ac.nz/biosci-pg">www.science.auckland.ac.nz/biosci-pg</a></td>
<td><a href="mailto:sbsinfo@auckland.ac.nz">sbsinfo@auckland.ac.nz</a></td>
</tr>
<tr>
<td>Biomedical Science</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td><a href="http://www.science.auckland.ac.nz/biomed-pg">www.science.auckland.ac.nz/biomed-pg</a></td>
<td><a href="mailto:psscience@auckland.ac.nz">psscience@auckland.ac.nz</a></td>
</tr>
<tr>
<td>Biosecurity and Conservation</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td><a href="http://www.science.auckland.ac.nz/biosecurity">www.science.auckland.ac.nz/biosecurity</a></td>
<td><a href="mailto:sbsinfo@auckland.ac.nz">sbsinfo@auckland.ac.nz</a></td>
</tr>
<tr>
<td>Biotechnology</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td><a href="http://www.science.auckland.ac.nz/biotechnology-pg">www.science.auckland.ac.nz/biotechnology-pg</a></td>
<td><a href="mailto:sbsinfo@auckland.ac.nz">sbsinfo@auckland.ac.nz</a></td>
</tr>
<tr>
<td>Environmental Science</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td><a href="http://www.science.auckland.ac.nz/environmental-science-pg">www.science.auckland.ac.nz/environmental-science-pg</a></td>
<td><a href="mailto:env-graduate@auckland.ac.nz">env-graduate@auckland.ac.nz</a></td>
</tr>
<tr>
<td>Geography</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td><a href="http://www.science.auckland.ac.nz/geography-pg">www.science.auckland.ac.nz/geography-pg</a></td>
<td><a href="mailto:env-graduate@auckland.ac.nz">env-graduate@auckland.ac.nz</a></td>
</tr>
<tr>
<td>Marine Science</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td><a href="http://www.science.auckland.ac.nz/marine-pg">www.science.auckland.ac.nz/marine-pg</a></td>
<td><a href="mailto:marine@auckland.ac.nz">marine@auckland.ac.nz</a></td>
</tr>
<tr>
<td>Optometry</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td><a href="http://www.science.auckland.ac.nz/optometry">www.science.auckland.ac.nz/optometry</a></td>
<td><a href="mailto:psscience@auckland.ac.nz">psscience@auckland.ac.nz</a></td>
</tr>
<tr>
<td>Physiology</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td><a href="http://www.science.auckland.ac.nz/physiology-pg">www.science.auckland.ac.nz/physiology-pg</a></td>
<td><a href="mailto:physiology@auckland.ac.nz">physiology@auckland.ac.nz</a></td>
</tr>
<tr>
<td>Mathematical and Computational Sciences</td>
<td>Honours</td>
<td>PGDip</td>
<td>Masters</td>
<td>PhD</td>
<td>Web address</td>
<td>Contact information</td>
</tr>
<tr>
<td>----------------------------------------</td>
<td>---------</td>
<td>-------</td>
<td>---------</td>
<td>-----</td>
<td>-------------</td>
<td>---------------------</td>
</tr>
<tr>
<td>Applied Mathematics</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td><a href="http://www.science.auckland.ac.nz/applied-maths-pg">www.science.auckland.ac.nz/applied-maths-pg</a></td>
<td><a href="mailto:pgadvice@math.auckland.ac.nz">pgadvice@math.auckland.ac.nz</a></td>
</tr>
<tr>
<td>Bioinformatics</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td><a href="http://www.science.auckland.ac.nz/bioinformatics-pg">www.science.auckland.ac.nz/bioinformatics-pg</a></td>
<td><a href="mailto:sbinfo@auckland.ac.nz">sbinfo@auckland.ac.nz</a></td>
</tr>
<tr>
<td>Bioscience Enterprise</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td><a href="http://www.science.auckland.ac.nz/bioscience-enterprise">www.science.auckland.ac.nz/bioscience-enterprise</a></td>
<td><a href="mailto:sbinfo@auckland.ac.nz">sbinfo@auckland.ac.nz</a></td>
</tr>
<tr>
<td>Computer Science</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td><a href="http://www.science.auckland.ac.nz/computer-science-pg">www.science.auckland.ac.nz/computer-science-pg</a></td>
<td><a href="mailto:honourscoordinator@cs.auckland.ac.nz">honourscoordinator@cs.auckland.ac.nz</a></td>
</tr>
<tr>
<td>Data Science</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td><a href="http://www.science.auckland.ac.nz/data-science">www.science.auckland.ac.nz/data-science</a></td>
<td><a href="mailto:pgscience@auckland.ac.nz">pgscience@auckland.ac.nz</a></td>
</tr>
<tr>
<td>Digital Security</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td><a href="http://www.science.auckland.ac.nz/digital-security">www.science.auckland.ac.nz/digital-security</a></td>
<td><a href="mailto:pgscience@auckland.ac.nz">pgscience@auckland.ac.nz</a></td>
</tr>
<tr>
<td>Information Technology</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td><a href="http://www.science.auckland.ac.nz/info-tech">www.science.auckland.ac.nz/info-tech</a></td>
<td><a href="mailto:pgscience@auckland.ac.nz">pgscience@auckland.ac.nz</a></td>
</tr>
<tr>
<td>Logic and Computation</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td><a href="http://www.science.auckland.ac.nz/logic-comp-pg">www.science.auckland.ac.nz/logic-comp-pg</a></td>
<td><a href="mailto:pgscience@auckland.ac.nz">pgscience@auckland.ac.nz</a></td>
</tr>
<tr>
<td>Mathematics</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td><a href="http://www.science.auckland.ac.nz/mathematics-pg">www.science.auckland.ac.nz/mathematics-pg</a></td>
<td><a href="mailto:pgadvice@math.auckland.ac.nz">pgadvice@math.auckland.ac.nz</a></td>
</tr>
<tr>
<td>Mathematics Education</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td><a href="http://www.science.auckland.ac.nz/mathematics-education">www.science.auckland.ac.nz/mathematics-education</a></td>
<td><a href="mailto:pgscience@auckland.ac.nz">pgscience@auckland.ac.nz</a></td>
</tr>
<tr>
<td>Medical Statistics</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td><a href="http://www.science.auckland.ac.nz/medical-statistics">www.science.auckland.ac.nz/medical-statistics</a></td>
<td><a href="mailto:gradofficer@stat.auckland.ac.nz">gradofficer@stat.auckland.ac.nz</a></td>
</tr>
<tr>
<td>Operations Research</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td><a href="http://www.science.auckland.ac.nz/operations-pg">www.science.auckland.ac.nz/operations-pg</a></td>
<td><a href="mailto:pgscience@auckland.ac.nz">pgscience@auckland.ac.nz</a></td>
</tr>
<tr>
<td>Physics</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td><a href="http://www.science.auckland.ac.nz/physics-pg">www.science.auckland.ac.nz/physics-pg</a></td>
<td><a href="mailto:physics@auckland.ac.nz">physics@auckland.ac.nz</a></td>
</tr>
<tr>
<td>Statistics</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td><a href="http://www.science.auckland.ac.nz/statistics-pg">www.science.auckland.ac.nz/statistics-pg</a></td>
<td><a href="mailto:gradofficer@stat.auckland.ac.nz">gradofficer@stat.auckland.ac.nz</a></td>
</tr>
</tbody>
</table>

| Physical and Chemical Sciences          | ✓       | ✓     | ✓       | ✓   | www.science.auckland.ac.nz/chemistry-pg | chemistry@auckland.ac.nz |
| Chemistry                              | ✓       | ✓     | ✓       | ✓   | www.science.auckland.ac.nz/chemistry-pg | chemistry@auckland.ac.nz |
| Food Safety                            | ✓       |       |         |     | www.science.auckland.ac.nz/foodsafety | pgscience@auckland.ac.nz |
| Food Science                           | ✓       | ✓     | ✓       | ✓   | www.science.auckland.ac.nz/food-science | chemistry@auckland.ac.nz |
| Forensic Science                       | ✓       | ✓     | ✓       | ✓   | www.science.auckland.ac.nz/forensic-science | chemistry@auckland.ac.nz |
| Geophysics                             | ✓       | ✓     | ✓       | ✓   | www.science.auckland.ac.nz/geophysics-pg | pgscience@auckland.ac.nz |
| Medical Physics and Imaging Technology | ✓       |       |         |     | www.science.auckland.ac.nz/mpit | physics@auckland.ac.nz |
| Medicinal Chemistry                    | ✓       |       |         |     | www.science.auckland.ac.nz/medicinal-pg | chemistry@auckland.ac.nz |
| Pharmacology                           | ✓       | ✓     | ✓       | ✓   | www.science.auckland.ac.nz/pharmacology-pg | pgscience@auckland.ac.nz |
| Physics                                | ✓       | ✓     | ✓       | ✓   | www.science.auckland.ac.nz/physics-pg | physics@auckland.ac.nz |
| Wine Science                           | ✓       | ✓     | ✓       | ✓   | www.science.auckland.ac.nz/wine-science | chemistry@auckland.ac.nz |

| Special degrees/diplomas               |         |       |         |     |             |                       |
| Applied Psychology                     | PGDipAppPsych |         |         |     |             |                       |
| Bioscience Enterprise                  | PGDipBioEnt |         |         |     |             |                       |
| Bioscience Enterprise                  | MBioEnt  |         |         |     |             |                       |
| Clinical Psychology                    | DClinPsy |         |         |     |             |                       |
| Data Science                           | MProfStuds |         |         |     |             |                       |
| Digital Security                       | MProfStuds |         |         |     |             |                       |
| Food Safety                            | MProfStuds |         |         |     |             |                       |
| Forensic Science                       | PGDipForensic |         |         |     |             |                       |
| Information Technology                 | MInfoTech |         |         |     |             |                       |
| Mathematics Education                  | MProfStuds |         |         |     |             |                       |
| Speech Language Therapy                | MSLTPrac |         |         |     |             |                       |
“The most common and infectious trait of everyone in the programme is a passion for psychology and working with people.”

“The opportunity to go on placements and work at the University Clinic is a highlight. It’s invaluable to gain experience working with community mental health services alongside our supervisors on placement. It’s where most of my learning has happened.

“I research children (aged 10-17) with severe and complex offending behaviour. Specifically, looking at callous-unemotional traits, emotion dysregulation and parenting styles and how these influence offending. My project also involves a qualitative programme evaluation component, assessing the usefulness of treatment programmes for this group and how they may be changed to better suit their unique psychological and emotional profile.

“I just want to make people’s lives better. It’s probably the answer most people in the programme would give, and however generic and cliché, it is true. Simply, it fits my values. I think that’s common amongst most, if not all of the people who do this work. It feels like a calling we are pushed towards because of different experiences that have shaped who we are.”

Craig Barretto is studying for a Doctor of Clinical Psychology.
Fees and money matters

Postgraduate scholarships

Guaranteed postgraduate scholarships
The University offers guaranteed scholarships to domestic research students who meet grade point average (GPA) thresholds from their qualifying programme. As a high-achieving postgraduate research student, you could be eligible for:

- University of Auckland Postgraduate Honours/PGDip Scholarships
- University of Auckland Research Masters Scholarships
- University of Auckland Doctoral Scholarships

Applicants for the Māori and Pacific scholarships can be studying toward either a taught or research programme.

For more information:
www.auckland.ac.nz/makethegrade

Summer Research Scholarships
Summer Research Scholarships are a great way to get some research experience over the summer months, boost your CV and help you think about pursuing postgraduate study.

www.summer.ac.nz

Other postgraduate scholarships
In addition to guaranteed scholarships, the University offers a range of other postgraduate scholarships, awards and bursaries including:

- Universitas 21 Doctoral Mobility Scholarships
- Health Research Doctoral Scholarships
- Senior Health Research Scholarships
- Various subject-specific scholarships

Our Scholarships Office also provides access to a comprehensive database of external scholarships to give you information about the widest range of funding providers.

www.auckland.ac.nz/scholarships

Doctoral Funding

PReSS accounts
If you are a doctoral student undertaking supervised research, you’re automatically entitled to research support funding through a University PReSS account for up to four years. You can use the money for costs such as attending conferences, research-related travel, accommodation and research consumables.

www.auckland.ac.nz/press-accounts

Fees

<table>
<thead>
<tr>
<th>Postgraduate programmes</th>
<th>Estimated annual tuition fees NZ$*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Science (Honours)</td>
<td>$7,694-$9,926</td>
</tr>
<tr>
<td>Postgraduate diploma</td>
<td>$8,200-$8,914</td>
</tr>
<tr>
<td>Masters</td>
<td>$7,694-$9,926</td>
</tr>
<tr>
<td>Doctorate</td>
<td>$6,833</td>
</tr>
<tr>
<td>PhD</td>
<td>$6,833</td>
</tr>
<tr>
<td>Interfaculty programmes</td>
<td>**</td>
</tr>
</tbody>
</table>

*Based on annual tuition fees for full-time study of 120 points. Tuition fees are indicative only and the fees for 2018 will be set at the end of 2017. All students will also pay a student services fee. As an indication, this fee is $766 for students undertaking a full-time load of 120 points in 2017. Students taking fewer than 120 points pay proportionately lower fees.

**Tuition fees will be charged at the respective rate for the subject.

International students

New international PhD students will usually be accorded domestic status for the purposes of tuition fees.* Please note, although doctoral scholarships are open to high-achieving international applicants, they are not guaranteed.

For information about entry requirements, scholarships and fees for new international PhD students, please visit:
www.auckland.ac.nz/pg-international-tuition-fees

*Subject to supervisory and residency requirements.
Admission to postgraduate programmes

Bridging programmes
Students who have completed a bachelors degree but do not meet the requirements for entry into PGDipSci, or who wish to gain additional background in a different subject area from their qualifying degree, may apply to take a Graduate Diploma in Science, a Transitional Certificate or one or more courses under a Certificate of Proficiency. For more information:
www.science.auckland.ac.nz/graddipsci
www.science.auckland.ac.nz/certificate-of-proficiency

Calculating your GPA/GPE
Grades or marks achieved at the University of Auckland are given a Grade Point Average (GPA).
Grades or marks achieved at other institutions are given a Grade Point Equivalent (GPE). Use our GPE Calculator for an indication of your GPE:
gpecalculator.auckland.ac.nz

English Language Requirements
The minimum requirement is an overall IELTS academic score of 6.5 with no band less than 6.0, or an approved equivalent. Some programmes require higher levels of English proficiency, see:
www.auckland.ac.nz/pg-english-reqs
Admission requirements
The Faculty of Science offers a wealth of postgraduate programmes suitable for students from various levels and academic backgrounds.

Entry into a bachelors (honours) degree
Extend the knowledge you gained in your undergraduate degree with a bachelors (honours) degree. Explore the area of interest from your undergraduate study in greater depth, develop research skills and give yourself the edge in the job market.
You must have completed an undergraduate degree at a recognised university (or similar) in a field relevant to your specialisation, typically with a GPA or GPE of 5.0. Some programmes may require higher scores.

Entry into a masters degree
We offer an extensive range of masters degrees to allow you to increase your knowledge in your subject, follow your passion for research or change career whilst gaining an advanced qualification.
While a taught masters will provide you with specialist training in your chosen field, a research masters will develop advanced research skills, working alongside Faculty of Science researchers - many of whom are major contributors in their field.
Some of our masters are available as 120-point (1 year full-time), 180-point (18 months full-time) or 240-point (2 years full-time) programmes, offering options for direct entry with a bachelors degree (to 180 and 240-point programmes) or a bachelors (honours) or postgraduate diploma (to 120-point programmes).

Entry into a Doctor of Philosophy (PhD) or other doctoral programme
A doctoral degree gives you the freedom to follow your passion and undertake advanced research in your area of interest.
Acceptance to our doctoral programmes is based on academic merit. You must be able to demonstrate an ability to carry out independent research and have already completed a significant research project, dissertation or thesis, at university. If you have New Zealand postgraduate qualifications, you need to have completed a postgraduate bachelor degree with first class or second class (division 1) honours, or a masters degree with first class or second class (division 1) honours, in a field related to your doctoral studies.
If you have overseas qualifications, you will need to have completed a masters-level qualification in a field related to your doctoral studies. You must have a GPE of at least 5.5.

Additional information
• Check the University of Auckland Calendar for specific information about the regulations relating to the programme you’re interested in: www.calendar.auckland.ac.nz
• Talk to a postgraduate adviser for specific information about what is required: www.auckland.ac.nz/pgadviser
How to apply

We welcome applications from all students, including international students (those who are not citizens/permanent residents of New Zealand or citizens of Australia).

Before you apply

Postgraduate programmes
- Check the entry and English language requirements:
  - www.auckland.ac.nz/pg-entry-requirements
  - www.auckland.ac.nz/pg-english-reqs
- Check the application closing dates:
  www.auckland.ac.nz/pg-application-closing-dates

If you are applying for a 1-year masters with a research project, you will need to provide evidence that a member of academic staff has agreed to supervise you. See FindaThesis (www.findathesis.auckland.ac.nz), the research webpages for your area of interest or contact the postgraduate adviser for your programme/faculty for potential supervisor details.

For more information:
www.auckland.ac.nz/pgenrolment

PhD or named doctorate
- Check the entry and English language requirements:
  - www.auckland.ac.nz/doc doctoral-entry-requirements
  - www.auckland.ac.nz/pg-english-reqs
- Arrange for two referees to support your doctoral application. Doctoral referee reports must be submitted directly from your referees.
- For Statement of Research Intent and Doctoral Referee Reports forms see:
  www.auckland.ac.nz/applydoctorate

Ready to apply?

New to the University of Auckland or a former student?
1. Apply for admission online:
   www.apply.auckland.ac.nz

2. You will receive an acknowledgement email listing the supporting documents we require, and a Student ID number for logging on to your Application for Admission. You can check your application status online and see what supporting documents you will need to provide. Your application will be assessed once we receive sufficient information (such as uploaded transcripts, other academic results, references or a portfolio) or you have attended an interview.

3. We will assess your application and inform you of the outcome via email. The status will show on the ‘Your applications’ section of the Application for Admission.

4. Accept (or decline) your offer online. If you have a conditional offer,* you should accept your offer straight away. There is no need to wait to meet the conditions before accepting your offer. We encourage you to submit the required information to meet the conditions as soon as you are able: www.apply.auckland.ac.nz

5. Enrol in your courses, the postgraduate enrolment process is faculty-specific: www.auckland.ac.nz/pgenrolment

Current student?
1. Make an Add/Change programme request online:
   www.apply.auckland.ac.nz

Need help applying?
www.askauckland.ac.nz
Email: postgradinfo@auckland.ac.nz
Phone: 0800 61 62 65
Find a postgraduate adviser:
www.auckland.ac.nz/pgadviser

*Conditional offers
Conditional offers are made when your place in a programme is subject to one or more conditions. For example, you may need to supply final results or complete a prerequisite course.

When you receive a conditional offer:
1. Accept (or decline) the offer.
2. Meet the conditions.
3. Submit evidence that you have met the conditions.

International applicants
Read the entry requirements for non-doctoral programmes for international applications:
www.auckland.ac.nz/is-pg-entry-requirements

We recommend you apply as early as possible to allow sufficient time to apply for visas.

We have a number of official agents and overseas representatives who can help you with the application process in person:
www.auckland.ac.nz/overseasrep
The University of Auckland has agreed to observe and be bound by the Education (Pastoral Care of International Students) Code of Practice. For more information, visit www.nzqa.govt.nz/the-code.

Student visas
You must apply for a student visa to cover the period you intend to study in New Zealand. You will be required to show evidence you have been accepted into a programme, have paid your tuition fees and have sufficient funds to cover your costs while in New Zealand. Full details, including eligibility for work rights, are available through Immigration New Zealand at www.immigration.govt.nz.

Medical and travel insurance
All international students are required to have appropriate medical and travel insurance. The University of Auckland offers a scheme that meets these requirements. You will receive details of the scheme with your Offer of Admission from the University. For more information: www.auckland.ac.nz/is-insurance.

Costs
All costs are shown in New Zealand dollars and are expressed inclusive of New Zealand Goods and Services Tax if applicable.

Disclaimer
Although every reasonable effort is made to ensure accuracy, the information in this document is provided as a general guide for students and is subject to alteration. All students enrolling at the University of Auckland must consult its official document, the current Calendar of the University of Auckland, to ensure that they are aware of and comply with all regulations, requirements and policies.
Student Information Centre
Level G, Room G 20
(beside the entrance to the Large Chem Lecture Theatre)
Building 301, 23 Symonds Street
Auckland 1010
Phone: 0800 61 62 65
Open: Monday to Friday 9am-4.30pm
Email: pgscience@auckland.ac.nz
Web: www.science.auckland.ac.nz
Questions: www.askauckland.ac.nz

International Office
The University of Auckland
Private Bag 92019
Old Choral Hall
7 Symonds Street
Auckland 1142
New Zealand
Email: int-questions@auckland.ac.nz
Web: www.international.auckland.ac.nz